

ANNUAL REPORT

2023



TIRUMALA TIRUPATI DEVASTHANAMS



SRI VENKATESWARA

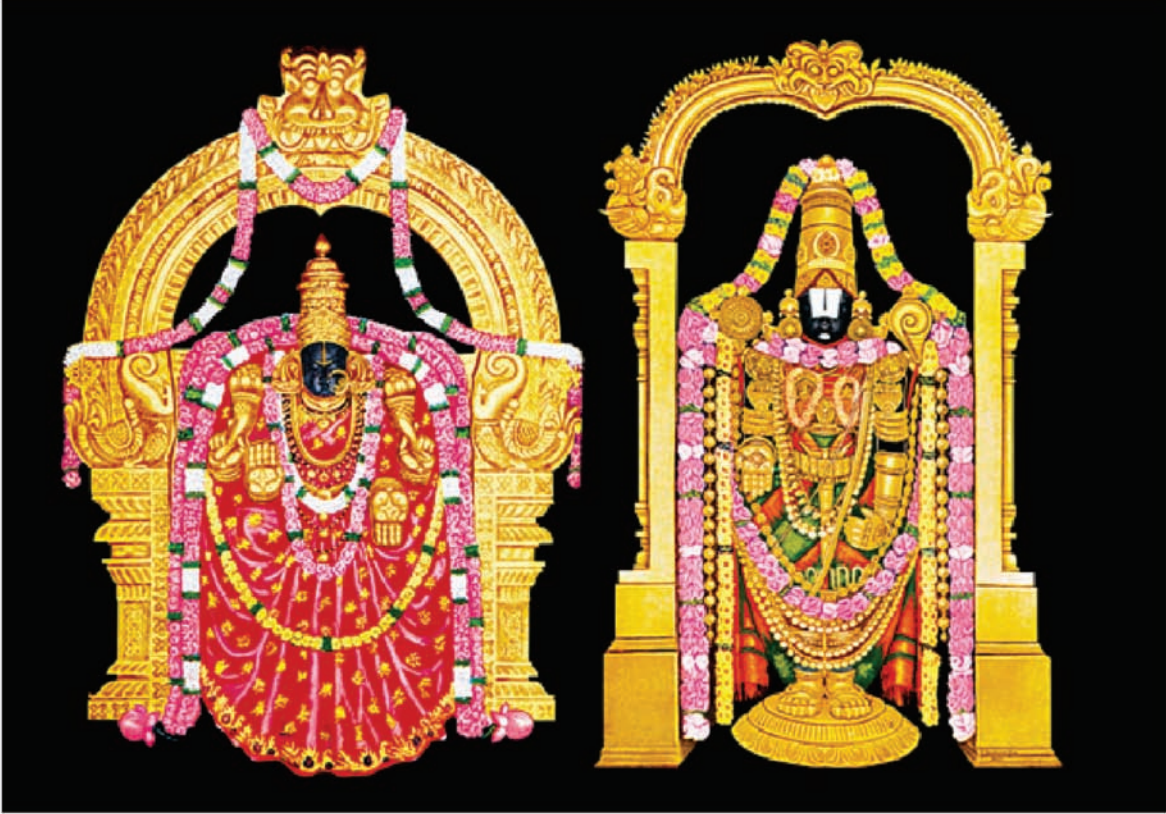
INSTITUTE OF MEDICAL SCIENCES

(A University established by an Act of A.P. State Legislature)



ANNUAL REPORT

2023



SRI VENKATESWARA INSTITUTE OF MEDICAL SCIENCES

(A University established by an Act of Andhra Pradesh State Legislature)

Website: <https://svims.tpt.ap.nic.in>

TIRUMALA TIRUPATI DEVASTHANAMS, TIRUPATI

మంగళాచరణము मङ्गलाचरणम्

श्रीनिवासो विजयते

శ్రీనివాసో విజయతే

समस्तजननीं वन्दे चैतन्यस्तन्यदायिनीम् ।

श्रेयसीं श्रीनिवासस्य करुणामिव रूपिणीम् ॥ (दयाशतकम्-6)

సమస్తజననీం వందే చైతన్యస్తన్యదాయినీమ్ ।

శ్రేయసీం శ్రీనివాసస్య కరుణామివ రూపిణీమ్ ॥ (దయాశతకమ్-6)

సప్తాద్రీశుడైన శ్రీనివాసుని యొక్క కరుణయే మూర్తిభవించినట్లు ఉండేటట్టి, సకల శ్రేయస్సును కలిగించునట్టి, సర్వప్రాణులకు జ్ఞానమనే స్తన్యమును ఇచ్చునట్టి ఈ జగత్తుకే తల్లియైనట్టి శ్రీలక్ష్మీదేవిని నమస్కరించుచున్నాను.

गुरोरधीताखिलवैद्यविद्यः पीयूषपाणिः कुशलः क्रियासु ।

गतस्पृहो धैर्यधरः कृपालुः शुद्धोधिकारी भिषगीदृशः स्यात् ॥ (सुभाषितसुधास्त्रभाण्डागारे)

గురోరధీతాఖిలవైద్య విద్యః పీయూషపాణిః కుశలః క్రియాసు

గతస్ప్రుహో ధైర్యధరః కృపాళుః శుద్ధోధికారి భిషగీదృశః స్యాత్ ॥ (సుభాషితసుధారత్నభాణ్డాగారే)

గురువు దగ్గరనుండి సమస్త వైద్యవిద్యలను అభ్యసించినవాడు, అమృతహస్తుడు, కార్యకుశలుడు, నస్పృహుడు, ధైర్యవంతుడు, దయాగుణం కలవాడు, మానసిక శుద్ధికాలవాడు - ఇటువంటి అర్హతకలవాడే నిజమైన వైద్యుడు.

शरीरं जर्झरीभूते व्याधिग्रस्ते कलेबरे ।

औषधं जाह्नवी तोयं वैद्यो नारायणो हरिः ॥ (सुभाषितरत्नभाण्डागारे)

శరీరే జర్జరభూతే వ్యాధిగ్రస్తే కలేబరే ।

ఔషధం జాహ్నవీ తోయం వైద్యో నారాయణో హరిః ॥ (సుభాషితరత్నభాణ్డాగారే)

శరీరం శిథిలమైనపుడు, శరీరం వ్యాధిగ్రస్తమైనపుడు ఔషధమే గంగాజలం, వైద్యుడే సాక్షాత్తు శ్రీమన్నారాయణుడు

दीर्घमायुः स्मृतिं मेधाम् आरोग्यं तरुणं वयः ।

प्रभावर्णस्वरौदार्यं देहेन्द्रियबलं परम् ॥

వాక్సిద్ధిం ప్రణతిం కాన్తిం లభతే నా రసాయనాత్ ॥ (చరకసंहితం-అధ్యాయ-2, పాదః-2, శ్లోకౌ-7,8)

దీర్ఘమాయుః స్మృతిం మేధామ్ ఆరోగ్యం తరుణం వయః ।

ప్రభావర్ణస్వరౌదార్యం దేహేన్ద్రియబలం పరమ్ ॥

వాక్సిద్ధిం ప్రణతిం కాన్తిం లభతే నా రసాయనాత్ ॥ (చరకసంహితా-అధ్యాయ-2, పాదః-2, శ్లోకౌ-7,8)

దీర్ఘాయుష్సును, స్మరణశక్తిని, మేధస్సును, ఆరోగ్యాన్ని, యవ్వనాన్ని, కాంతితో కూడిన రంగును, మంచి కంఠస్వరాన్ని, గొప్ప దేహబలాన్ని, ఇంద్రియబలాన్ని, మంచి వాక్పటిమను, వినయాన్ని, కాంతిని మానవుడు ఔషధం చేత పొందగలడు.

FROM THE DIRECTOR CUM VICE-CHANCELLOR'S DESK



Sri Venkateswara Institute of Medical Sciences, Tirupati is the only one premier institute in Andhra Pradesh and well known in most part of India. The Institute has been serving the country by providing highly trained manpower in the fields of medicine, nursing and allied health sciences in addition providing best patient care to the needy patients using advanced state of art Technology at affordable cost. SVIMS has been consistently ranked among the top medical teaching institutions in the country. The faculty and staff serving thousands of people every year with sincerity and dedication. The institute continued to excel in each of the three main spheres of its activity – teaching, patient care and research.

SVIMS University celebrating its pearl 31st anniversary. We had taken giant strides in the last year, which were not only satisfactory but also helped to invigorate the institute. We opened a Palliative and Preventive Wing which was its only kind in entire state of Andhra Pradesh. Sri Padmavathi Medical College Hospital now has its own ICU, and Aparajitha OTs are functioning fully. The pinnacle of achievements was the first deceased donor liver transplant in our state, the recipients of which were successfully discharged. The

majority of the faculty have had contentment of promotions to higher cadre and absorption of adhoc as permanent faculty. Institute is indeed looking bright, spirited, vivacious and gutsy with new faculty, new cadre, new students, and new purposes.

We navigated surveillance visit of NABH & also inaugurated a patient attendant's choultry. We also had a MoU on heart transplantation with AIIMS, Nagpur. We recently had 150th pink bus camp. We also had recruitment for personnel for Pink Bus operations. In 2024, one additional Pearl "Sri Balaji Institute of Oncology" will be added to SVIMS' feathers, and all pending works are planned to be completed by March 2024.

Our institute also encourages the faculty to set precedence so that our wards would burst at seams with patients, our pens should flow with worthy publications, the students of our university should sparkle like stars in the sky, and our academics should attract hordes of students.

The ambition of every medical man and lady has been to wipe every tear of pain from every eye. That may be beyond us, but so long as there are tears and suffering, so long our work will not be over. And so we have to labour and to work, and work hard, to give reality to our dreams. Those dreams are for SVIMS, but they are also for the common suffering public.

With the renovation of SVIMS and various construction works taken up with an estimated cost of Rs.350.00 Crores in and around the campus, thanks to TTD administration, we hope that we render our institute to be an hub of excellence in health care, medical education and research not only in the state of Andhra Pradesh, but also in the entire nation. We should architect our tomorrow's destiny so that the future of this institute is shaped for decades to come.

On this occasion of SVIMS University's 31st anniversary, I applaud everyone faculty, staff, and students for their support over the years and look forward to providing even more in the future.

Dr R.V. Kumar
DIRECTOR-CUM-VC

VISION

To be among the global best and one of the premier health systems in India

MISSION

- ★ To become the health system of choice and be in top 10 with regards to overall national rankings.
- ★ To fulfil the objectives of SVIMS Act in terms of clinical, educational & research activities.
- ★ To drive the key performance indicators and achieve top performance threshold against the bench mark organizations.

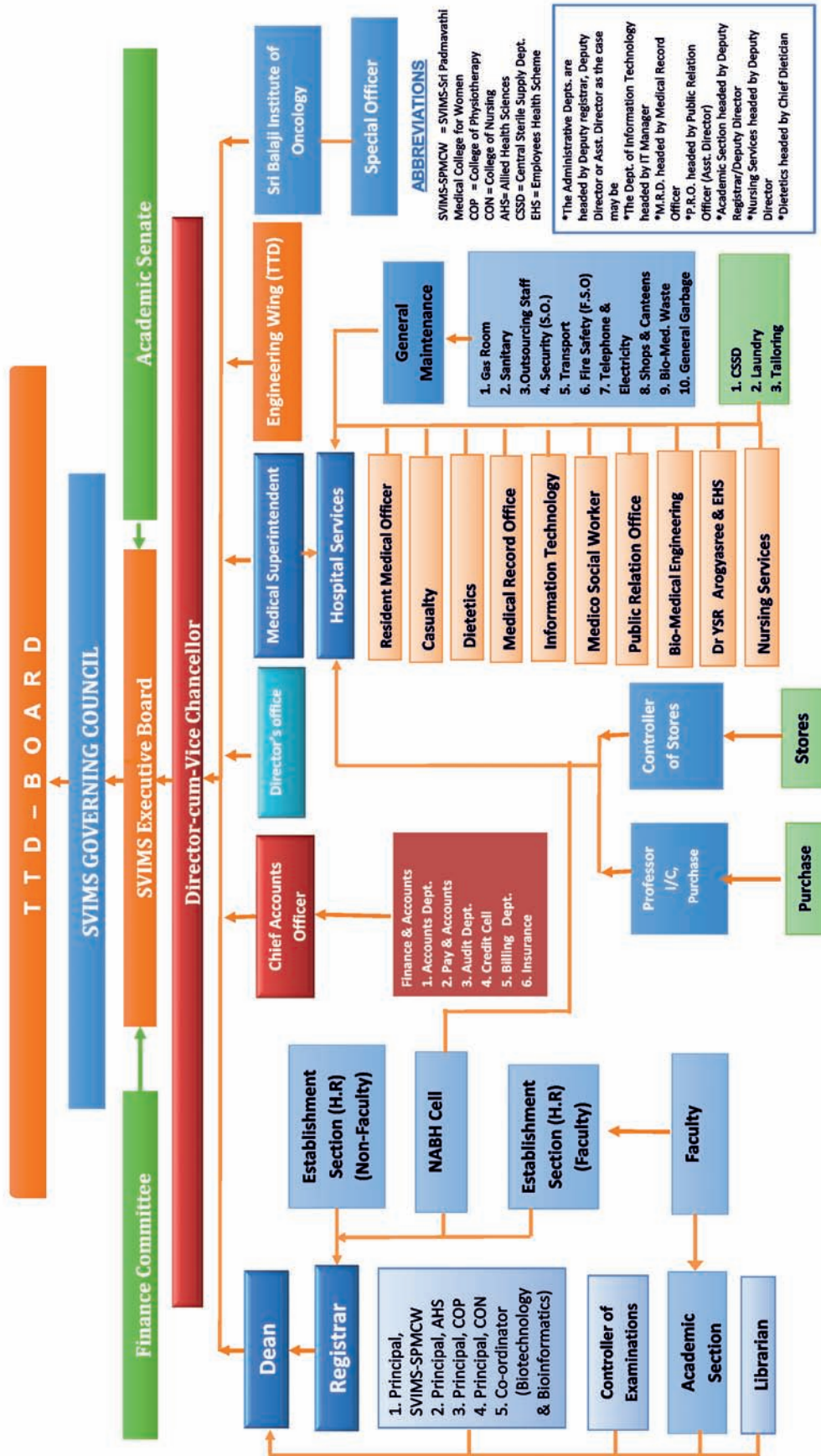
VALUES

- ★ “SVIMS family”
- ★ **First in Service.....Best in Practice**
- ★ **Punctuality**
- ★ **Ownership & Loop closure**
- ★ **Stakeholder experience to guide progress**
- ★ **Quality, Accountability & Transparency**

Objectives of the Institute

The objectives of Sri Venkateswara Institute of Medical Sciences, Tirupati are:

- ◆ To create a centre of excellence for providing medical care, education and research facilities of a high order in the field of medical sciences in the existing super-specialities and such other super-specialities as may develop in future, including continuing medical education and hospital administration.
- ◆ To provide the state of the art medical training in Undergraduate, Postgraduate and in Super specialities so as to set a high standard of medical education.
- ◆ To provide for training in paramedical and allied sciences, including interdisciplinary fields of physical and biological sciences.
- ◆ To render service for community health care education needs and to function as a referral hospital.



Sri Venkateswara Institute of Medical Sciences

(A University Established by an Act of Andhra Pradesh State Legislature)

Tirumala Tirupati Devasthanams, Tirupati.

Ph: 0877-2287777, 2287152, 2288002, 2287166, 2286115

Fax : 2286803, 2288002, 2286116

E-mail : svimsdirector@gmail.com, svimsdean@gmail.com, svimsregistrar@gmail.com

Published by

Editor-in-Chief

Dr R.V. Kumar

Director-cum-Vice Chancellor

Editorial Board

Dr Alladi Mohan

Dean & Professor (Sr. Grade) of Medicine

Member-Secretary

Dr Aparna R Bitla

Registrar & Professor and
Head of Biochemistry

Dr Ushakalawat

Principal, SVIMS-SPMCW &
Professor & HoD of
Clinical Virology

Dr B. Venkataramana

Professor & Head of
Microbiology

Dr Ravi Sankar Deekala

Prof. of Community Medicine

Dr B. Suresh Babu

Assoc. Prof. of
Transfusion Medicine

Dr M. Yerrama Reddy

Deputy Registrar

Designing & Photography

Mr V. Rajasekhar

Asst. Director (PR)

Sri C.R. Nagaraja, Sr. Artist

Mr Venkatesh, Photo Assistant

Mr D. Hari, Photo Assistant

Secretarial Assistance

Smt D. Madhavi, Asst. Director

Smt G. Sailaja, Supdt.

Smt M. Indrani, Data Entry Operator

Sri A. Balarama Reddy, Data Entry Operator

Smt N. Bhagyalatha, Data Entry Operator

Sri R. Vijayasankar, Data Entry Operator

Sri D. Babu, Data Entry Operator

Sri V. Guna Sekhar, Data Entry Operator

Ms P. Bharathi, Data Entry Operator

Smt P.Sujatha, Data Entry Operator

Sri C. Ramesh Reddy, Data Entry Operator

CONTENTS

	Page No.
I Academic activities	
Introduction	
1.1 Courses offered	13
1.2 SVIMS, Sri Padmavathi Medical College for Women	17
1.3 College of Nursing	17
1.4 College of Physiotherapy	18
1.5 Basic Life Sciences	18
1.6 Permission and recognition for the courses by MCI/ NMC	18
1.7 Students enrollment for the academic year 2023-24	19
1.8 Scholarships	22
1.9 Hostels	22
1.10 Quarters	23
2.0 Examination activities	23
2.1 Examination results final year (Regular and Supplementary)	24
2.2 Entrance Examination conducted 2023	26
3.0 Enhanced services at SVIMS	26
3.1 Pink Bus	27
4.0 Recognitions for SVIMS contributions	27
4.1 Honors and key assignments	27
5.0 Visitors to SVIMS	28
6.0 Activities at SVIMS	31
6.1 Institute day celebrations	31
6.2 Events at SVIMS	33
6.3 Orations Organized	51
6.4 Academic programme calendar for the year 2024	52
6.5 Academic committees	54
II Patient Care Services	
1.0 Out-patient and in-patient services	77
1.1 SVIMS Clinic	79
1.2 Dr YSR Arogyasree	85
1.3 Sri Venkateswara Pranadana Scheme	88
1.4 Juvenile diabetes camps	91
1.5 Rural health camps	93
1.6 Medical Camps	93
1.7 Epilepsy Camps	93
1.8 Revised National Tuberculosis Control Program (RNTCP)	94
1.9 Integrated Counselling and Testing Centre (ICTC)	94
1.10 Infection Control Committee	94
1.11 Mortality and Morbidity Review Meeting	95
1.12 New facilities and services added	96
III. Workshops / CMEs/ Clinical meetings /Clinico Pathological correlation organized at SVIMS	
1.0 Workshops & Conference	97
2.0 Guest Lectures	97
3.0 CME Programme	97
4.0 Clinical meetings	103
5.0 Clinico pathological correlation (CPC)	118

IV. Research Activities	
1.0 Abstracts of the publications	119
2.0 Research projects	176
3.0 Journal of Clinical and Scientific Research	182
V. Human Resource Development	
1.0 Degrees conferred	183
2.0 Training to the students of other institutions	189
3.0 Establishment Section	194
VI. Finance & Accounts (2022-23)	
1.0 Institute Finance	203
2.0 Balance Sheet	203
3.0 Concessions given to the patients	204
4.0 Funds received from Tirumala Tirupati Devasthanams	204
5.0 Donations received	204
6.0 Details of Ongoing projects with extra mural fund agencies	215
7.0 Sundry Debtors Abstract	217
8.0 Credit Cell	218
9.0 Cashless Medical Services under Health Insurance Scheme	218
VII. Departmental Information	
1.0 Anaesthesiology	221
2.0 Anatomy	225
3.0 Biochemistry	228
4.0 Bioinformatics	238
5.0 Biotechnology	242
6.0 Cardiology	245
7.0 Cardiothoracic Surgery	252
8.0 Clinical Virology	254
9.0 Community Medicine	256
10.0 Dental Surgery	261
11.0 Dermatology	262
12.0 Emergency Medicine	263
13.0 Endocrinology	265
14.0 Forensic Medicine	267
15.0 General Surgery	271
16.0 Haematology	274
17.0 Medical Oncology	274
18.0 Medicine	276
19.0 Microbiology	280
20.0 Nephrology	285
21.0 Neurology	288
22.0 Neurosurgery	290
23.0 Nuclear Medicine	294
24.0 Obstetrics & Gynecology	297
25.0 Ophthalmology	298
26.0 Otorhinolaryngology	299
27.0 Paediatrics	300

Annual Report 2023

28.0	Pathology	301
29.0	Pharmacology	307
30.0	Physiology	311
31.0	Psychiatry	314
32.0	Plastic Surgery	315
33.0	Radio Diagnosis	316
34.0	Radiotherapy	321
35.0	Surgical Gastroenterology	323
36.0	Surgical Oncology	326
37.0	TB &RD	328
38.0	Transfusion Medicine	329
39.0	Urology	332
40.0	College of Nursing	335
41.0	College of Physiotherapy	340
VIII Central Facilities		
1.0	IT Department	351
2.0	Central library	352
3.0	Central Research laboratory	354
4.0	Right to information Act (RTI)	354
5.0	Animal house	354
6.0	Adverse Drug Reaction Monitoring Centre	356
7.0	Balamithra Creche	362
8.0	Engineering works	367
9.0	Purchase section	371
10.0	Dietary Services	373
11.0	SVIMS Alumni Association	373
IX	Statutory bodies	375
X	Administrative set-up	377
XI	SVIMS in News	379

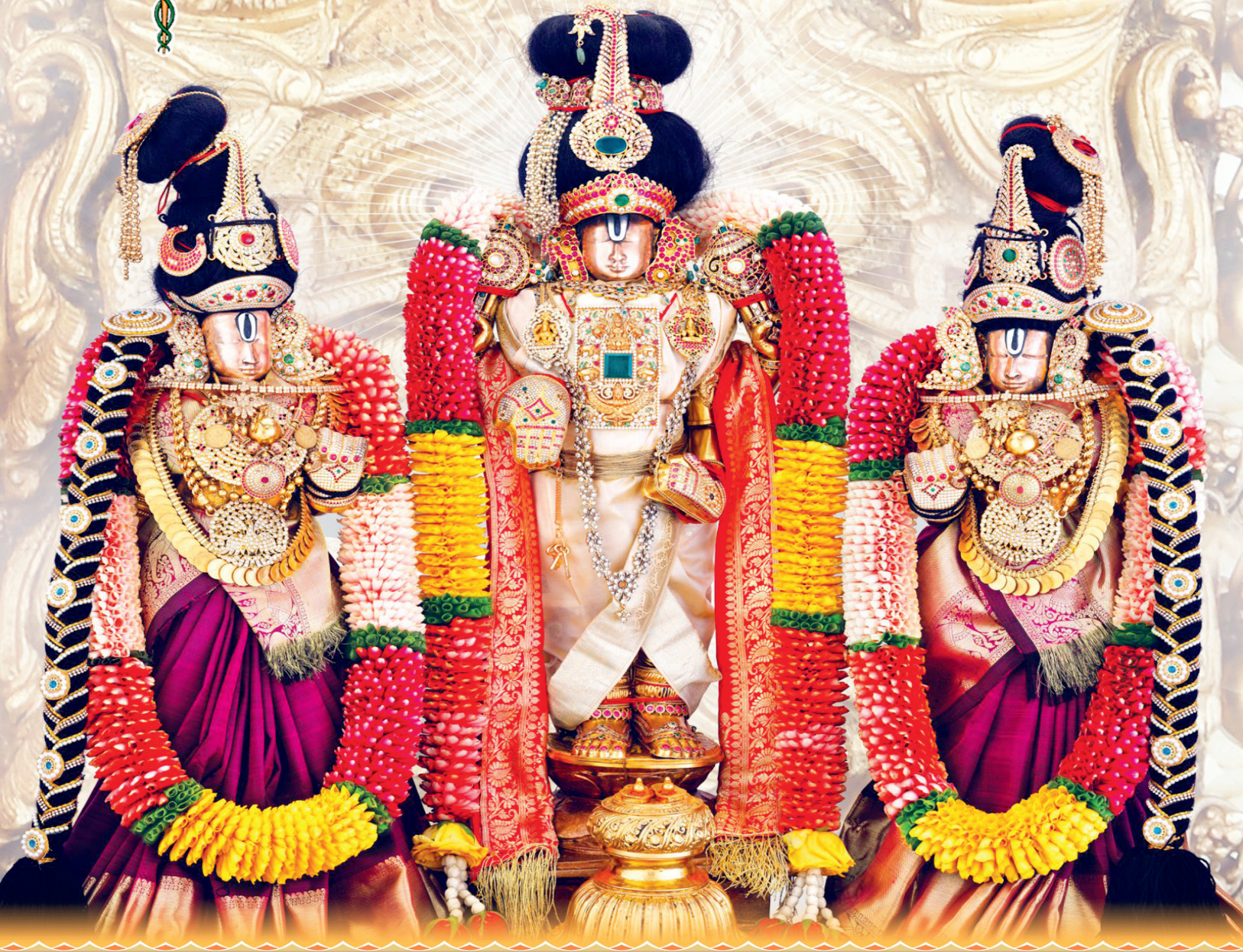
In exercise of the powers conferred by Rule 29 of Act No.12 of 1995 of Andhra Pradesh State legislature, the annual report of the activities of the institute during the year 2023 is prepared.

Director -cum-VC: 0877 - 2287152, Fax : 2286803
E-mail: svimsdirector@yahoo.com

Dean : Tele Fax : 0877 - 2288002
E-mail: svimsdean@gmail.com

Registrar: 0877-2287166
E-mail: svimsregistrar@gmail.com

Medical Superintendent: 0877-2286115, Fax: 2286116
E-mail: mssvims@gmail.com



I. ACADEMIC ACTIVITIES



I. Academic Activities

INTRODUCTION

Sri Venkateswara Institute of Medical Sciences (SVIMS), Tirupati, established in the year 1993, under the aegis of Tirumala Tirupati Devasthanams, as a modern super speciality hospital, was granted the status of a university in the year 1995 by an act of A.P. state legislature vide act no.12 of 1995.

The institution, spread in 107.04 acre campus, is gradually growing into a prestigious university. Today, SVIMS has 38 broad/super speciality medical departments, four colleges and two inter-disciplinary departments and is developing into a centre of excellence in providing medical care, education and research activities of a high standard in the field of medical and other allied sciences including inter-disciplinary fields of physical and biological sciences. In addition to these, SVIMS also provides training in para-medical and allied fields, particularly related to super-specialties.

The Institution is recognized by the University Grants Commission (UGC) under section 12 (B) of the UGC act, 1956, and the Medical Council of India (now NMC) granted permission and later recognition to start MBBS & MD, MS, DM, M.Ch. courses in various specialties.

At present, the institute is offering 73 academic programs. The total students strength is around 2194.

1.1 Courses offered

Faculty	Courses	No. of seats	Duration (Yrs)
Modern Medicine	MBBS	175	5 ½
	Broad-specialties		
	MD- Medicine	09	3
	MD- Pathology	03	
	MD- Biochemistry	01	
	MD- Microbiology	02	
	MD- Anaesthesiology	09	
	MD- Transfusion Medicine	01	
	MD- Radiotherapy	07	
	MD- Radio diagnosis	07	
	MD- Nuclear Medicine	02	
	MD- Emergency Medicine	02	
	MD- Anatomy	01	
	MD- Pharmacology	02	
	MD- Community Medicine	02	
	MD- Physiology	01	
	MD- General Surgery	04	
	Super-specialties		
	DM – Cardiology	4	3
	DM – Nephrology	4	
	DM – Endocrinology	2	
	DM – Medical Oncology	2	
	DM – Neurology	3	
	MCh- Cardiothoracic Surgery	4	
	MCh- Neurosurgery	3	
	MCh- Urology	4	
	MCh- Surgical Oncology	2	
MCh- Surgical Gastroenterology	4		

Annual Report 2023

Faculty	Courses	No. of seats	Duration (Yrs)
	N.C. Gupta Pulmonary Fellow	02	6 months
	Certificate Courses for Medical Graduates - Emergency Medicine - Basics of Dialysis Management	04 02	1
Ph.D	Ph.D Programmes Anatomy, Anesthesiology, Biochemistry, Biotechnology, Bioinformatics, Cardiology, Cardiothoracic Surgery, Medicine, Endocrinology, Microbiology, Neurology, Neurosurgery, Nursing, Physiology, Surgical Oncology, Physiotherapy, Clinical Virology	No. of seats depends upon the availability of vacancies	3-5
Nursing	B.Sc. Nursing M.Sc. Nursing Post Basic Diploma in Nursing - Cardiac Intensive Care and Catheterization Laboratory Nursing - Cardiothoracic Surgery - Peritoneal Dialysis - Hemo Dialysis - Renal Transplantation	118 33 06 06 02 02 02	4 2 1
Physiotherapy	BPT MPT	55 27	4 ½ 2
Allied Health Sciences	BSc Paramedical - Medical Laboratory Technology (MLT) - Anaesthesiology Technology(AT) - Neurophysiology Technology (NPT) - Radiography & Imaging Technology (RIT) - Dialysis Technology (DT) - Nuclear Medicine Technology (NMT) - ECG & Cardiovascular Technology (CVT) - Cardiac Pulmonary Perfusion Technology(CPPT) - Emergency Medical Services Technology (EMST) - Radiotherapy Technology (RT)	22 13 05 10 13 02 09 02 04 06	4
	PG Degree (MSc) - Echocardiography - Cardiac Catheterization Intervention Technology - Dialysis Technology - Cardiac Pulmonary Perfusion Technology - Clinical Virology PG Diploma - Medical Records Science	01 01 02 02 02 09	2
Life Sciences	MSc - Biotechnology - Bioinformatics	17 17	2

1.2 SVIMS-Sri Padmavathi Medical College for Women



SVIMS-Sri Padmavathi Medical College for Women was started in the year 2014 with an intake of 150 students per year and the intake increased to 175 students from the academic year of 2019-20 onwards, due to implementation of EWS category. The college is one of the reputed institutions in Andhra Pradesh with good teaching faculty and infrastructure to impart teaching and training to the students. The foundation stone for college building was laid by the then Hon'ble Chief Minister of Andhra Pradesh, Sri Nallari Kiran Kumar Reddy, on 20-11-2013 and after completion of the construction, the college building was formally inaugurated by the then Hon'ble Chief Minister of Andhra Pradesh, Sri Nara Chandrababu Naidu on 16-12-2016.

The recognition of MBBS course of SVIMS-Sri Padmavathi Medical College for Women for award of MBBS degree (150 students) granted by SVIMS University on or after January, 2019 was approved by the Board of Governors in Supersession of Medical Council of India u/s 11(2) of the IMC Act, 1956 vide Endst.No.MCI-34(41)(R-6)/2018-Med./187199, dated 13-03-2019 and next renewal of recognition of MBBS course is due in 2024. The first batch MBBS students of 2014-15 were awarded degrees during the convocation of SVIMS University held on 29.02.2020 at S.V. University Auditorium. At present 10th batch is going on.

Sri Padmavathi Medical College for Women Hospital:

The newly constructed Sri Padmavathi Medical College hospital developed by APHMSIDC with an estimated cost of Rs.98.86 crores with 650 bed strength was inaugurated by the Hon'ble President of India, Sri Ram Nath Kovind on 01.10.2017.

The OP & IP services in the specialties of General Medicine, General Surgery, Obstetrics & Gynecology, Paediatrics, Ophthalmology, E.N.T, Dermatology, Dental Surgery, TB & Chest diseases and Psychiatry are presently being run in the new hospital building as well as in Sri Padmavathi OPD block.

SVIMS-SPMCW Committees:

(i) College Council:

S.No.	Name of the Officers/Faculty	Designation
1.	Dr Usha Kalawat, Principal, SVIMS-SPMCW	Chairman
2.	All the HODs of the Departments and Professors of SVIMS-SPMCW	Members
3.	Dr Aparna R Bitla, Professor & Head, Dept. of Biochemistry& Registrar, SVIMS	Member from Library Committee
4.	Dr V.Vanajakshamma , Controller of Examinations	Member
5.	Dr N. Sharvani, Professor, Dept. of Physiology, SVIMS-SPMCW& Chief warden, SVIMS-SPMCW	Member
6.	D.V. Diliph Kumar, Deputy Director, SVIMS-SPMCW	Member (one official from Administration)

Annual Report 2023

(ii) Anti Ragging Committee: Anti ragging committee was constituted as per guide lines of Supreme Court of India & NMC norms.

Anti Ragging Committee as Per UGC

S. No.	Name of the Officers/ Faculty	Designation	Ph. No./ Mobile No.
1.	Dr Usha Kalawat, Principal, SVIMS-SPMCW Email: deansvimsspmc@gmail.com	Chairman	0877-2288442 9963922576
2.	Dr K. Umamaheswara Rao, Professor & Head, Dept. of Pharmacology, SVIMS-SPMCW	Co-ordinator	9849832292
3.	Dr Y. Mutheeswaraiah Vice-Principal (Clinical), SVIMS-SPMCW	Member	9440324457
4.	Dr K. Nagaraj Vice-Principal (Pre, Para-Clinical), SVIMS-SPMCW	Member	9441239836
5.	Dr N. Sharvani Professor of Physiology, SVIMS-SPMCW & Chief Warden	Member	9866248014
6.	Dr B.Venkataramana, Professor & HOD, Dept. of Microbiology, SVIMS	Member	9494365763
7.	Ms. Harshitha, 3rd MBBS Part I, SVIMS-SPMCW	Member	7404824890
8.	Ms. Samhitha, 3rd MBBS Part I, SVIMS-SPMCW	Member	7396462864
9.	Ms. Bhavana, 2nd Year MBBS, SVIMS-SPMCW	Member	6301377374
10.	Ms. SilpaBalisetti, 1st Year MBBS, SVIMS-SPMCW	Member	7013384102

(iii) Curriculum Committee:

This committee is constituted as per the MCI/NMC guidelines with the specialists from the following fields as members for implementation of Attitude, Ethics & Communication competencies (AETCOM module) for Indian medical graduate.

S.No.	Name of the Member	Designation
1	Dr Usha Kalawat Principal, Prof. & HOD, Dept. of Clinical Virology	Chairman
2	Dr Arpana Bhide, Professor, Dept. of Physiology	Pre-Clinical Specialty
3	Dr N. Ramakrishna, Assistant Professor, Dept. of Virology	Para-Clinical Specialty
4	Dr A. Mohan, Dean, Senior Professor & HOD, Dept. of Medicine	Medical Specialty
5	Dr Y. Mutheeswaraiah, Prof & HOD, Dept. of General Medicine	Surgical Specialty
6	Dr V. Mano Lasya, Assoc.Prof of Medicine	Medical Specialty
7	Dr B. Hari Prasad, Professor, Dept. of General Surgery	Surgical Specialty
8	Dr B. Sri Hari Rao, Professor of General Surgery	MEU Coordinator
9	Samhitha Reddy Boyapally	Student Representative
10	Sai Deekshitha Rani Maddhuri	Student Representative

Sri Venkateswara Institute of Medical Sciences

Dr Abhijit Chaudhary, Professor of Microbiology is the Co-ordinator for Integrated teaching programme. Horizontal and vertical integrated teaching programmes are conducted for benefit of the students apart from their regular prescribed syllabus. Feedback from the students is collected at the end of each programme.

Medical Education Unit (MEU):

The Medical Education Unit for SVIMS-SPMCW is constituted with the following members:

S.No.	Name of the Officers/Faculty	Designation
1.	Dr Usha Kalawat, Principal, SVIMS-SPMCW	Chairman
2.	Dr B. Sri Hari Rao, Professor of General Surgery	MEU Coordinator
3.	Dr Aparna R Bitla, Registrar, Professor & HOD of Biochemistry	Member
4.	Dr Sharan B. Singh M., Professor & HOD of Physiology	Member
5.	Dr M.M. Suchitra, Professor of Biochemistry	Member
6.	Dr N. Sharvani, Professor of Physiology	Member
7.	Dr G. Siva Rama Krishna, Prof. of Surgical Gastroenterology	Member
8.	Dr Silpa Kadiyala, Professor of Radio Diagnosis	Member
9.	Dr D.S. Sujith Kumar, Professor of Community Medicine	Member
10.	Dr D. Ravi Sankar, Assoc. Prof. of Community Medicine	Member
11.	Dr Visweswara Rao Guthi, Asst. Prof. of Community Medicine	Member
12.	Dr V. Chandrasekhar, Asst. Prof. of Community Medicine	Member
13.	Dr M. Kusuma Kumari, Assoc. Prof. of Biochemistry	Member
14.	Dr Vijaya Chandra Reddy Konda, Professor of Pharmacology	Member
15.	Dr S.B. Amarnath, Professor of Otorhinolaryngology	Member
16.	Dr Siva Kumar Vulava, Assoc. Prof. of Pathology	Member

The Medical Education Unit activities for the year 2023 as follows:

1. Interns Ethics Awareness Programme was held on 21.02.2023
2. Orientation Programme for Faculty of SVIMS-SPMCW for the implementation of Students Mentorship for MBBS students was held on 04.05.2023
3. Orientation Programme for Interns (9th Batch) was held on 15-04-2023
4. Feedback on Horizontal Integration was held on 17.06.2023
5. Orientation Programme for Interns (Including FMGs) (10th Batch) was held on 10-08-2023.

6. Horizontal & Vertical Integration Programme scheduled according to AETCOM

7. Mentorship Programme for all MBBS students was held on 11.08.2023

Students Awards and Achievements:

1. Kakollu Mahitha from 2019-20 batch won first prize in General surgery case presentation (a rare case of carotid body tumor) at OSMECON 23, Osmania Medical College, Hyderabad, Telangana from 29th September to 1st October, 2023.
2. Kruthika.T from Batch 2019-20 stood third in the Quiz held by Endocrinology Department, SVIMS, on World Diabetes Day 2023.
3. Sharanya Garg from 2019-20 batch, got second prize in the quiz conducted by Endocrinology Department, SVIMS, on World Diabetes Day 2023.

Annual Report 2023

4. 2020-21 batch students and 2022-23 students appeared in Undergraduate Physiology Quiz Competition conducted by Department of Physiology, SVIMS-SPMCW, Tirupati, held on 28th July 2023. Bhavna Pandey, Fagun Behl along with K. Harika from 2022-23 batch stood 2nd in the HAYAGREEVA 2023.
5. Batch 2020-21 student S. Warda Nausheen won prize in case presentation (surgery) at OSMECON 23 held at Osmania medical college hyderabad, Telangana from 29th September to 1st October, 2023.
6. Tanisha Netra of 2020-21 batch got third prize in Essay writing competition conducted by Department of Psychiatry, SVIMS on 10th October 2023.
7. Tanisha Netra of 2020-21 got third prize in HAYAGREEVA - Physiology Quiz competition on 28th July 2023.
8. 2020-21 batch student, D Jaya Shree stood first from her batch in the quiz held by the endocrinology department, SVIMS, on the occasion of World Diabetes Day 2023
9. 2020-2021 batch Bhuvanewari Thallapaka was awarded 3rd prize (certificate of merit) in Research Paper-Poster Presentation organized under GENESIS 2023, National intercollegiate academic conference held on 16-9-2023 in Madras Medical College, Chennai.
10. 2021-2022 batch student, M Sai Rishitha secured 1st prize in oral /paper presentation on the topic “A study on Post-menopausal symptoms and quality of life” from department of community medicine at 28th AP joint conference IPHA on September 2nd 2023 held at Gitam College, Vishakapatnam, Andhra Pradesh.
11. 2021-2022 batch student M Sai Rishitha secured 1st prize in oral /paper presentation on the topic “A study on Post menopausal symptoms and quality of life from department of community medicine at 28th AP joint conference IPHA on September 2nd -2023 held at Gitam Medical College, Vishakapatnam, Andhra Pradesh.
12. Sivapriya P from 2020-21 batch student stood third from her batch in the Quiz held by Endocrinology Department, SVIMS, on World Diabetes Day 2023.
13. Bhavna Pandey 2020-21 batch student presented a poster titled ‘New and emerging indications of Botulinum Toxin’ at the 7th Annual Conference of the Movement Disorders Society of India, held in the ITC Royal Bengal, Kolkata on 16th March 2023.
14. 2020-21 batch students namely – Bhavna Pandey, Bheemi Reddy Jhansi and Sakshi Soni successfully cleared elimination round and came third in final quiz round in the IAPSM-World Health Day Quiz 2023 on “Health for All” organized by the Department Community Medicine of SVIMS-Sri Padmavathi Medical College for Women, Tirupati, Andhra Pradesh under the aegis of the Indian Association of Preventive and Social Medicine with support of IAPSM - Andhra Pradesh State chapter.
15. 2020-21 batch students namely – Bhavna Pandey and Bheemi Reddy Jhansi Participated in the online All India UG quiz under the aegis of TROPACON 2023 organized by AIIMS Jodhpur.
16. A Seminar was conducted by the Department of Physiology on 16th February 2023 for the batch of 2022-23. Following is the result of the seminar. Dakshita, Srihitha, Sahithi got 1st prize, 2nd prize and 3rd prize respectively.
17. N. Akhila of 2023-2024 batch was awarded 3rd prize in Poster Competition on World AIDs Day, held in SVIMS-SPMCW on 1st December 2023.
18. P. Usha Sree of 2023-2024 batch was awarded 2nd prize in the Poster competition conducted on World AIDS Day held in SVIMS-SPMCW on 1st December 2023.
19. Bhavana & Silpa Baliseti of 2022-2023 batch was awarded 2nd & 3rd prize in Poster Competition on 04.02.2023, conducted by Community Medicine, SVIMS-SPMCW.

Sri Venkateswara Institute of Medical Sciences

MBBS admissions during the Academic Year 2023-24:

The details of the students admitted by category wise during the academic year 2023-2024 are as follows:

S. No	Category	No. of students admitted in 2023-2024
1.	All India Quota (Total 26 Seats)	
1	General	09
2	EWS	03
3	OBC	07
4	SC	04
5	ST	02
6	General PWD	01
2.	State Merit (Total 126 Seats)	
1	OC	29
2	EWS	13
3	BC-A	10
4	BC-B	18
5	BC-C	01

S. No	Category	No. of students admitted in 2023-2024
6	BC-D	15
7	BC-E	09
8	SC	19
9	ST	09
10	NCC (BC-A) / OC	01
11	CAP (BC-D) / OC	01
12	PH (SC)	00
13	SPORTS & GAMES (OC)	01
3.	NRI (Total 23 Seats)	
1	NRI/NRI Sponsored (Common Merit of UG-NEET)	23
	Total	175

Stipend paid to Internees:

MBBS students after completion of their MBBS course have to undergo compulsory internship for one year period. During the calendar year 2023, an amount of Rs. 3,92,64,490 /- was paid to internees of SVIMS-SPMCW towards monthly stipend @Rs.19,589/- per month (from January 2023 to May 2023) and Rs. 22,527/- per month (from June 2023 to December 2023).

1.3 College of Nursing

The College of Nursing was established in the year 1996 with an objective of providing graduate & postgraduate teaching and for research in the relevant disciplines of modern nursing. The courses offered are BSc (N), MSc (N) and PhD. The college has infrastructure with well equipped laboratories, advanced teaching and learning activities. The intake of students for BSc (N) is 118 and MSc (N) is 33 in each academic year including EWS.



1.4 College of Physiotherapy

The College of Physiotherapy was established in the year 1998. The college offers graduate and postgraduate courses in physiotherapy. The intake of students in BPT is 55 and MPT is 27 in each academic year including EWS. The patient services include in-patient and out-patient services and special services through obesity clinic, pain clinic, paediatric clinic, advanced physiotherapy, ergonomics & life style modification.



Annual Report 2023

1.5 Basic Life Sciences

i) Biotechnology

The Department of Biotechnology was established in 2003. It offers two courses, MSc (Biotechnology) and PhD. The department has developed cardiomyocytes from human CD 34+ stem cells. The successful students have been absorbed in industrial organizations, who are leaders in production of drugs, vaccines, etc. The students have also been selected in various national level examinations like, Biotechnology Consortium India Ltd. (BCIL), Council of Scientific and Industrial Research (CSIR), Graduate Aptitude Test in Engineering (GATE), Indian Council of Medical Research (ICMR) etc. The intake of students for MSc Biotechnology is 17 in each academic year including EWS.

ii) Bioinformatics

The Department of Bioinformatics was established in 2003. SVIMS is first of its kind to start PG course in Bioinformatics in Andhra Pradesh. The Department of Biotechnology (DBT), Ministry of Science and Technology has approved the Bioinformatics centre, Bioinformatics infrastructure facility. The centre has undertaken research projects sanctioned by DBT. It has four positions of studentship/ traineeship sponsored by DBT. The intake of students for MSc Bioinformatics is 17 in each academic year including EWS



1.6 Permission and recognition for the courses by National Medical Commission (NMC)

NMC inspections were held for the following academic programmes:

S.No.	Name of the course	Purpose	Date of inspection	Result
1.	MD – Anesthesiology	Renewal of Recognition for 09 (nine) seats	03/05/2023	Awaiting
2.	MD – Biochemistry	Renewal of Recognition for 01 (one) seat	03/05/2023	Awaiting
3.	MD – Emergency Medicine	Renewal of Recognition for 02 (two) seats	03/05/2023	Awaiting
4.	MS – General Surgery	Recognition for 04 (four) seats	20/06/2023	Awaiting
5.	MD – IHBT/ Transfusion Medicine	Renewal of Recognition for 01 (one) seat	03/05/2023	Awaiting
6.	MD – Medicine	Renewal of Recognition for 09 (nine) seats	03/05/2023	Awaiting
7.	MD – Microbiology	Letter of Permission for 01 (one) to 02 (two) seats	03/05/2023	Permitted
8.	MD – Nuclear Medicine	Renewal of Recognition for 04 (four) seats	19/06/2023	Awaiting
9.	MD – Pathology	Renewal of Recognition for 02 (two) seats	03/05/2023	Awaiting
10.	MD – Radio-diagnosis	Renewal of Recognition for 07 (seven) seats	15/06/2023	Awaiting
11.	MD – Radiotherapy	Renewal of Recognition for 03 (three) seats	03/05/2023	Awaiting
		Letter of Permission for 03 (three) to 07 (seven)	03/05/2023	Permitted

Sri Venkateswara Institute of Medical Sciences

1.7 Student enrollment for the academic year 2023-24

Admission procedure

MBBS Course: The MBBS course admissions for the academic year 2023-2024 was completed by 15.11.2023. There are total of 175 MBBS seats. Out of 175 seats, 23 seats under All India Quota (AIQ) are filled by the MCC, DGHS, MoHFW, GoI. For the remaining 149 seats, Dr YSRUHS, Vijayawada is the counselling authority. Out of the 149 seats, 15% i.e., 23 are earmarked for NRI Quota and remaining 126 seats are for State Merit Quota.

PG courses (MD): There are 53 seats in 15 broad specialties. Admissions are made for 50% of seats through All India quota filled by Medical Counselling Committee, DGHS, Govt. of India & 50% of seats through State quota filled by Dr YSR UHS, through NEET.

Stipend paid to PG Residents (MD/MS/DM/MCh):

PG Residents have to pay monthly stipend details are as follows:

Sl.No	Course	1st year	2nd year	3rd year
1.	MD / MS	80,904-00	83,216-00	85,528-00
2.	DM / MCh	96,680-00	99,400-00	1,02,256-00

The details of students admitted for the a.y. 2023-24 is as follows:

1.7.1 Modern Medicine

S. No.	Course	Intake	OC		BC		SC		ST		PWD		EWS		Minority		Total		Total No. of students admitted
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1	MBBS	175	-	54	-	59	-	24	-	11	-	1	-	16	-	10	-	175	175
2	PG Broad specialties (MD/MS)	53	5	13	7	14	5	5	-	2	-	-	-	-	-	-	17	34	51
	Anesthesiology	09	-	2	1	3	1	1	-	1	-	-	-	-	-	-	2	7	9
	Biochemistry	01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Microbiology	02	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	2
	Medicine	09	1	3	2	2	-	1	-	-	-	-	-	-	-	-	3	6	9
	Pathology	03	-	1	1	-	-	1	-	-	-	-	-	-	-	-	1	2	3
	Transfusion Medicine	01	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	1
	Radiotherapy	07	-	-	1	4	2	-	-	-	-	-	-	-	-	-	3	4	7
	Radio-diagnosis	07	1	3	-	1	-	1	-	1	-	-	-	-	-	-	1	6	7
	Nuclear Medicine	02	1	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	2

Annual Report 2023

S. No.	Course	Intake	OC		BC		SC		ST		PWD		EWS		Minority		Total		Total No. of students admitted
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	Emergency Medicine	02	-	1			1	-	-	-	-	-	-	-	-	-	1	1	2
	Anatomy	01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Physiology	01	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
	Pharmacology	02	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	2	2
	Community Medicine	02	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	2	2
	General Surgery	04	1	1	1	1	-	-	-	-	-	-	-	-	-	-	2	2	4
3	PG Super specialties (DM/MCh)																		
	Cardiology	32	11	4	7	1	4	1	-	-	-	-	-	-	-	-	22	3	28
	Neurology	04	3	-	-	-	1	-	-	-	-	-	-	-	-	-	3	1	4
	Nephrology	03	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2
	Nephrology	04	1	-	1	1	1	-	-	-	-	-	-	-	-	-	3	1	4
	Endocrinology	02	-	1	1	-	-	-	-	-	-	-	-	-	-	-	1	1	2
	Medical Oncology	02	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2
	Cardiothoracic Surgery	04	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
	Neurosurgery	03	1	-	1	-	1	-	-	-	-	-	-	-	-	-	3	-	3
	Urology	04	1	-	3	-	-	-	-	-	-	-	-	-	-	-	4	-	4
	Surgical Oncology	02	-	1	-	-	1	-	-	-	-	-	-	-	-	-	1	1	2
	Surgical GE	04	-	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
4	N.C Gupta Pulmonary Fellow	02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Certificate course for Medical Graduates																		
	Emergency Medicine	06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Basics of Dialysis Management	04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Basics of Dialysis Management	02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total Students: (A)	268	16	71	14	74	9	30	-	13	-	1	-	16	-	10	39	215	254

1.7.2 Allied Health Sciences Nursing & Life Sciences:

S. No.	Course	Intake	OC		BC		SC		ST		PWD		EWS		Minority		Total		Total No. of students admitted
			M	F	M	F	M	F	M	F	M	F	M	F	M	F			
1	B.Sc. (N)	118	5	7	04	43	7	28	1	6	-	-	3	7	2	3	22	94	116
2	BPT	55	-	8	2	24	3	6	-	4	-	-	0	5	2	1	07	48	55
3	B.Sc. Allied Health Sciences	86	1	12	5	28	5	17	2	4	1	-	4	4	-	3	18	68	86
	AT	13	-	3	-	4	1	3	1	-	-	-	1	-	-	-	02	11	13

Sri Venkateswara Institute of Medical Sciences

S. No.	Course	Intake	OC		BC		SC		ST		PWD		EWS		Minority		Total		Total No. of students admitted
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	MLT	22	-	4	1	7	1	5	-	1	-	-	2	-	-	1	04	18	22
	CVT	09	-	1	-	2	-	3	-	1	-	-	-	1	-	1	-	09	09
	NPT	04	-	1	1	1	-	1	-	-	-	-	-	-	-	-	01	03	04
	RIT	10	-	0	1	5	1	1	-	1	-	-	-	1	-	-	02	08	10
	NMT	02	-	-	1	-	1	-	-	-	-	-	-	-	-	-	02	-	02
	DT	13	-	2	1	4	-	3	1	1	-	-	1	-	-	-	03	10	13
	CPPT	02	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	02	02
	EMST	05	-	1	-	2	1	-	-	-	-	-	-	1	-	-	01	04	05
	RT	06	1	-	-	2	-	1	-	-	1	-	1	-	-	-	03	03	06
4	M.Sc (N)	33	-	1	-	2	-	3	-	-	-	-	-	-	-	-	-	06	06
5	MPT	27	1	3	2	11	2	3	1	-	-	-	-	3	-	-	06	20	26
6	M.Sc.,	42	3	3	5	9	5	6	-	-	-	-	-	-	1	13	19	32	
	Biotechnology	17	2	2	2	2	1	4	-	-	-	-	-	-	-	-	05	08	13
	Bioinformatics	17	1	1	2	5	4	2	-	-	-	-	-	-	1	07	09	16	
	Echocardiography	01	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	01	01
	Cardiac Catheterization Intervention Technology	01	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	01
	Dialysis Technology	02	-	-	-	1	1	-	-	-	-	-	-	-	-	-	1	1	02
	CPPT	02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Clinical Virology	02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	Post Basic Diploma in Nursing	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cardiac Intensive Care & Catheterization Laboratory	06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cardiothoracic surgery	06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Peritoneal Dialysis	02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Hemo Dialysis	02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Renal Transplantation	02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	PG Dip. in Medical Records Science	09	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total Students: (B)	388	10	35	18	117	23	63	4	14	1	-	7	19	4	8	67	255	322
	Grand total: (A) + (B)	656	32	106	32	191	32	93	4	27	-	1	7	35	4	18	106	470	576

Annual Report 2023

1.8 Scholarships

(a) MBBS

The eligible MBBS students who belong to SC/ST/BC/EBC/Minority get scholarships from the government of Andhra Pradesh through the respective authorities of welfare departments. For the year 2022-23, an amount of Rs. 2,21,25,400/- was released to the beneficiaries as detailed below:

S. No.	Student Category	No. of students benefited	Amount sanctioned ()
01.	SC	37	29,44,756.00
02.	ST	11	8,75,468.00
03.	BC	108	85,95,504.00
04.	EBC	106	84,36,264.00
05.	Minority	16	12,73,408.00
	Total	278	2,21,25,400.00

For the year 2022-2023, the Government fixed the ceiling limit of the annual parental income to Rs.2,50,000/- for all categories to become eligible to apply for scholarship. 30% - 40% of the total students have submitted their applications online to the respective welfare authorities for sanction of scholarship.

(b) Allied Health Sciences Nursing & Life Sciences

The eligible students belonging to SC/ST/BC/EBC and Minority categories were sanctioned scholarships from the Government through respective welfare authorities. For the academic year 2022-23, an amount of 3,36,07,100/-- was released to the beneficiaries as detailed below:

S. No.	Student Category	No. of students benefited	Amount sanctioned ()
01.	SC	161	73,31,400/-
02.	ST	58	22,99,400/-
03.	BC	306	1,40,69,400/-
04.	EBC	155	74,05,300/-
05.	Minority	55	25,01,600/-
	TOTAL	735	3,36,07,100/-

For the year 2022-23, the Government fixed the ceiling limit of the annual parental income to Rs. 2,50,000/- for all categories to become eligible to apply for scholarship. 80% - 90% of the students admitted have submitted their applications online to the respective welfare authorities for sanction of scholarship.

1.9 Hostel:

The University provides hostel facility for boys, girls and resident doctors. The accommodation available and occupied for the year 2023 is furnished below:

S.No.	Name of the Hostel Block	No. of Rooms	
		Available	Allotted
1	P.G. Doctors Hostel – I	44	43
2	P.G. Doctors Hostel – II	89	89
3	Boys Hostel	48	48
4	Girls Hostel –I (BIRRD)	24	24

Sri Venkateswara Institute of Medical Sciences

S.No.	Name of the Hostel Block	No. of Rooms	
		Available	Allotted
5	Girls Hostel –II	55	55
6	Girls Hostel (New) - III	71+2(dormitory)	71+2(dormitory)
7	Girls Hostel (New) – III for MBBS students	56	56
8	SPMC(W) Hostel	144	144
9	Vedic Hostel (1st year MBBS Students)	49	49
10	Sri Padmavathi Mahila Polytechnic Hostel (MBBS Students)	30	21
	Total:	612	602

Girls Hostel:

The MBBS girl's hostel was constructed with an amount of 16.4 crores and inaugurated by the then Vice-President of India on 07-08-2017. It has 144 rooms (72 rooms single occupancy and 72 rooms triple occupancy) with supporting facilities. The APMSIDC is constructing one more new MBBS girl's hostel to facilitate another 288 students and the construction work is at completion stage and the same will be inaugurated during the year 2024-25.

1.10 Quarters

The Institute provides accommodation for teaching and non-teaching staff with in the campus. The accommodation available and occupied for the year 2022 is furnished below:

S.No.	Name of the Quarter block	Number	Allotted
1	Faculty Quarters (Old Blocks – I,II,III)	17	17
2	Professors Quarters - Vedadri block	12	12
3	Asst. Professors Quarters – Srinivasa block	16	16
4	Asst. Professors Quarters – Sudharshanam block	16	16
5	BIRRD Faculty Quarters	01	01
6	Nursing/ Non-Teaching staff Quarters(SVIMS) (3 blocks of 12 each)	36	36
7	Nursing/ Non-Teaching staff Quarters(BIRRD) (2 blocks)	06	06
	Total:	104	104

2.0 Examination Activities

The Examination Section makes all the arrangements necessary for holding examinations and timely declaration of results. During 2022-23 academic year, the University organized examinations for various courses i.e. DM, MCh, MD, MS, MSc Medical, MSc Life Sciences, MPT, MSc Nursing, BPT, BSc Nursing, BSc Allied Health Sciences. The Institute is also running the PhD programme. The examination section prepares mark lists & degrees.

The Department also actively participates in organizing the Convocation of the Institute every year.

The details of University examinations organized for the academic year 2022-23 are as follows:

Annual Report 2023

2.1 Examination results-final year (Regular and Supplementary)

Name of the course	Number of students appeared		Number of students passed		Percentage of % pass	
	Jan to Mar, 2023	April to Dec, 2023	Jan to Mar, 2023	April to Dec, 2023	Jan to Mar, 2023	April to Dec, 2023
Medical PG Courses:						
D.M./M.Ch	-	22	-	22	-	100
M.D.	-	40	-	40	-	100
Medical UG Courses						
3rd MBBS (Final) Part – II	154	10	146	10	94.80	100
Post Graduate Course: (MPT, M.Sc. Nursing, M.Sc. AHS, M.Sc. Life Sciences)						
Master of Physiotherapy	-	26	-	26	-	100
M.Sc. AHS	-	03	-	03	-	100
Under Graduate Courses: (BPT, B.Sc. Nursing, B.Sc. AHS)						
Bachelor of Physiotherapy	1	53	1	53	100	100
B.Sc. Nursing	6	108	6	107	100	99.07
B.Sc. Paramedical Technical courses	-	66	-	66	-	100
P.G. Diploma/Diploma/Certificate courses:						
P.G. Diploma in Technical courses	-	05	-	05	-	100
Post Basic Diploma in nursing	-	01	-	01	-	100

List of awardees of gold medals / medals - 2022

Sl. No.	Name of the Medal	Name of the Awardee	Course name / Specialty
1.	“Sri Y.V.Subbareddy Endowment Gold Medal” for the Best outgoing medical Post Graduate student - 2022 (Overall MD/ DM/ MCh courses)	Dr Metta Jayachandra Reddy	MCh-Surgical Oncology
2.	“Dr.Nyapathi Ramachandra Rao” Gold Medal - 2022 in MD Medicine	Dr Archana. M.H	MD- Medicine
3.	“SKY” (Dr.Subhashini Kamalakar Yaturu) Gold Medal - for the Best outgoing Student All rounder in MBBS – 2022, SVIMS - SPMCW	Dr Beeda Bonny Rishitha	MBBS
4.	“Dr. G.Subramanyam & Dr.Sunitha Subramanyam” Medal for the best out going student among all MCh Courses - 2022	Dr Metta Jayachandra Reddy	MCh- Surgical Oncology
5.	“Dr. G.Subramanyam & Dr.Sunitha Subramanyam” Medal for the best out going student among all DM Courses - 2022	Dr P.Lakshmi Aishwarya	DM - Nephrology
6.	“Dr. G.Subramanyam & Dr.Sunitha Subramanyam” Medal for the best out going student among all MD Courses - 2022	Dr Archana. M.H	MD- Medicine
7.	Medal in memory of “Sri Simhadri Satyanarayana Rao” for securing highest marks in MCh Surgical Oncology – 2022	Dr GVV. Prasad Reddy	MCh- Surgical Oncology

Sri Venkateswara Institute of Medical Sciences

Sl. No.	Name of the Medal	Name of the Awardee	Course name / Specialty
8.	“ Jayasree Sitarama Swamy Kadiyala” medal for securing highest marks in MD Radio-Diagnosis – 2022	Dr Srinivasa Akhil Anirudh	MD - Radio-Diagnosis
9.	“Smt. Sita Mahalakshmi & Sri Venkata Neela Krishna Sarma Peyyety” Medal for securing highest marks in MD Anaesthesiology	Dr Balaraju Jeevitha	MD - Anaesthesiology
10.	Medal in memory of “Sri Nara Sreenivasulu Naidu and Smt. Nara Nagamma” for securing highest marks in MBBS – 2022, SVIMS-SPMCW	Dr Beeda Bonny Rishitha	MBBS
11.	Medal in memory of “Dr.P.Subrahmanyam, IAS” for securing highest marks in MSc Life Sciences (Biotechnology & Bioinformatics)	Ms. E.Sai Charitha	M.Sc. Biotechnology
12.	“Faculty - College of Physiotherapy” Medal for securing highest marks in Master of Physiotherapy - 2022	Ms. E.Sai Bhargavi	Master of Physiotherapy
13.	“Komal Reddy Foundation Trust ” Medal for securing highest marks in MSc Nursing - 2022	Ms. Gada Sai Geetha	MSc Nursing
14.	“Dr G.Subramanyam & Dr Sunitha Subramanyam” Medal for securing highest marks in BSc Nursing – 2022	Ms. Lomada Srujana	BSc Nursing
15.	“Dr G.Subramanyam & Dr Sunitha Subramanyam” Medal for securing highest marks in Bachelor of Physiotherapy 2021	Ms. Guddanti Giripriya	Bachelor of Physiotherapy
16.	“ Komal Reddy Foundation Trust ” Medal for securing highest marks among all BSc AHS courses	Ms. Shaik Ruksar Zaiba	BSc AHS - Anaesthesia Technology
17.	“Dr V. Jayaram & Mrs. Lalitha Jayaram” medal for securing highest marks in 1st MBBS – 2022	Ms. Waiza Sheereen Ms. Kambham Alekhya	1st MBBS 1st MBBS

List of awardee for Securing highest marks in 1st MBBS – 2023

Sl. No.	Name of the Medal	Name of the Awardee	Course name / Specialty
1	“Dr V. Jayaram & Mrs. Lalitha Jayaram” medal for securing highest marks in 1st MBBS – 2023	Ms. Kambham Alekhya	1st MBBS

List of Merit Certificate Awardees

M.Sc. Medical Courses & M.Sc. Bioinformatics – 2022

Sl. No.	Name of the Medal	Name of the Awardee	Course name / Specialty
1.	Merit certificate for securing highest marks in MSc Bioinformatics – 2022	J. Reddy Swetha	M.Sc. Bioinformatics
2.	Merit certificate for securing highest marks in MSc Medical courses – 2022	P. Lakshmi Naga Sameera	MSc - Medical Anatomy

Annual Report 2023

Cash award

Cash award of Rs.25,000/- presented to topper in Physiology – 1st MBBS 2017 batch in Memory of Late.Sri M.R.Balaji Singh father of Dr.Sharan B Singh M, Principal, SVIMS – SPMCW for the purpose of PG Preparation.

Sl.No.	Name	Year	Course
	Sistla Akhila	2017 batch	MBBS

2.2 Entrance Examinations conducted - 2023

S. No	Name of the course	Date of Examination	No. of candidates appeared
1	Ph.D. Programme	09.10.2023	08
2	M.Sc. Nursing	18.08.2023	06
3	Master of Physiotherapy	18.08.2023	34
4	M.Sc./P.G. Diploma in Paramedical Courses	18.08.2023	07

3.0 Enhanced services at SVIMS

3.1. Pink Bus

The prestigious ‘Pink Bus’ of the Sri Venkateswara Institute of Medical Sciences (SVIMS) is organising free cancer screening camps in villages. Pre-emptive screening assumes importance as cancer is detected at an advanced stage. Moreover, patients are reluctant to go to a hospital for cancer screening for various reasons, including a lot of stigma attached to the disease. Hence, SVIMS decided to take the screening process to the community in the Rayalaseema districts

SVIMS women’s health initiative Pink Bus is designed to provide bundled screening for the 3 major cancers affecting women: Breast, Cervix & Oral Cavity. The Pink bus features mobile mammography, GYN exam / PAP smear, oral examination, breast ultrasound, educational video on cancer prevention, patient counseling. Subsequently, screening for other Non-Communicable Diseases (NCDs) through assessment for High Blood Pressure, Diabetes, Kidney diseases & Heart diseases is planned.

Pink Bus will help in prevention to palliation for women at their door step. ‘SVIMS’ preliminary target is to reach the all villages in Rayalaseema. SVIMS organizes pink bus camps. Last year i.e. from January to December 2023, 20 camps have been organized and screened 1936 patients.



SVIMS Conducted Pink Bus Camp for Women Cancer Screening on 21.04.2023 at Tirupati District, Tirupati Mandal, Venkatapathi Nagar. Dr B.Vengamma, Director-cum-VC, SVIMS attended the programme.

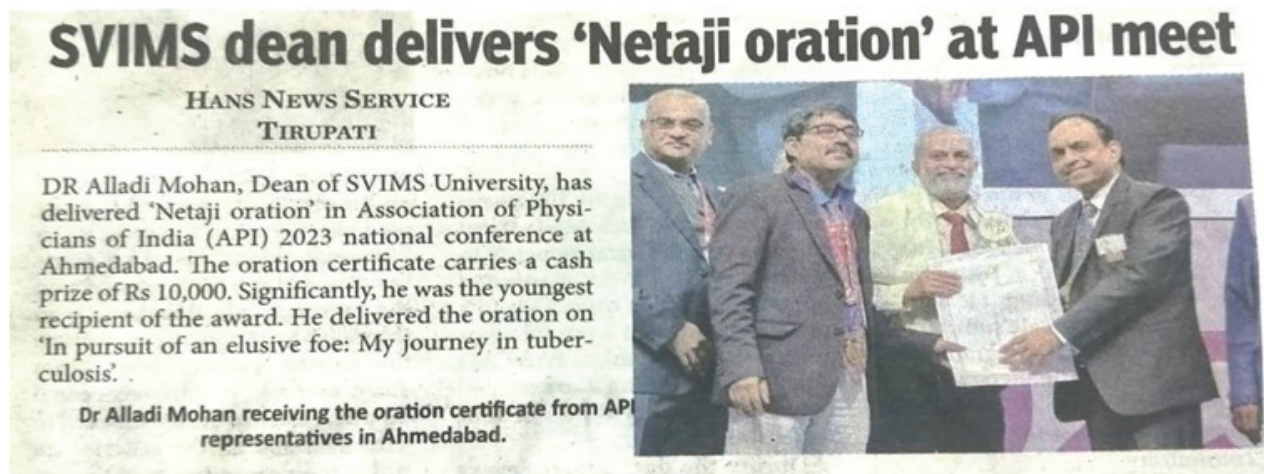


SVIMS Conducted Pink Bus Camp for Women Cancer Screening on 04.04.2023 at Tirupati District, Tirupati Rural Mandal, Mundlapudi Village. Sri Chevireddy Mohith Reddy, MPP attend the programme

4.0 Recognitions for SVIMS contributions

4.1 Honors and key assignments

1. **NABH Accreditation:** Sri Venkateswara Institute of Medical Science has proudly added another feather in the Cap i.e. NABH Certificate of Accreditation. The accreditation shall be effective from 6th January 2022 to 5th January 2025.
2. **Dr Alladi Mohan**, Dean & Prof. (SR. Grade) and HoD of Medicine received **Best Vocational Education award** from “Netaji Oration” (“In pursuit of an elusive foe: My Journey in Tuberculosis”) in the APICON 2023, 78th National Conference of the Association of Physicians of India at Ahmadabad on 28th January 2023.



3. **Dr Aparna R. Bitla**, Professor & Head, Dept. of Biochemistry received the State Teachers award under “Medical category” on the eve of Teachers day at Vishakhapatnam on 5th September 2023.



Annual Report 2023

4. **Dr A. Umamaheswari**, Prof. & HoD, Dept. of Bio-Informatics received **Best Teacher award** from Microbiology Society of India (MBSI) at Maharashtra on 22nd January 2023.



5. **Prof K.R. Subash**, Professor of Pharmacology received “Vaidya Ratna Award” on July 1st 2023 on doctor’s day celebration by Way Foundation – Tirupati.

6. 7th National Physiotherapy Conference held at Dr. Abdul Kalam College of Physiotherapy, Loni, Maharashtra on 24.02.2023. Dr M. Suresh Kumar, College of Physiotherapy won **Best Coordinate Award** for Poster Presentation and other Sports and Cultural Activities. Dr B.Vengamma, Director cum VC, SVIMS Congratulated the Team on 16th March 2023.



5.0 Visitors to SVIMS

1. Sri A.V.Dharma Reddy , EO, TTD, Smt. Sada Bhargavi, JEO, TTD and Sri Balaji, FA & CAO, TTD visited Cardiology & CT Surgery departments on 15th May 2023.



Sri Venkateswara Institute of Medical Sciences

2. Sri A.V.Dharma Reddy, EO, TTD, Smt. Sada Bhargavi, JEO, TTD and Sri Balaji, F.A & C.A.O visited Nephrology and Urology wings on 9th June 2023.



3. Sri A.V.Dharma Reddy, EO, TTD, Smt. Sada Bhargavi, JEO, TTD and Sri Balaji, F.A & C.A.O, TTD visited Neurology, Neurosurgery Departments and Pranadanam, General wards on 23rd June 2023.



4. Smt. SadaBhargavi, Director cum Vice Chancellor, SVIMS visited Surgical Gastroenterology, MRD, Medical, Surgical & Radiation Oncology Departments on 18th July 2023.



Annual Report 2023

5. World Health Organization (WHO) team visited SVIMS Microbiology Dept. on 20th October 2023.



6. Sri A.V. Dharma Reddy, E.O., TTD, Dr R.V.Kumar, Director cum Vice Chancellor, SVIMS, Smt. Sada Bhargavi, JEO, TTD & Dr M. Jayachandra Reddy, Special Officer, Sri BIO are seen at inauguration of Pink Bus. The new Pink Bus was donated on 8th November 2023 by Smt. & Sri Vemi Reddy Prabhakar Reddy, MP,Rajya Sabha, at a cost of Rs.2.75 Crore. The members also visited Casualty & Sri BIO Building construction works.



6.0 Activities at SVIMS

6.1 Institute day celebrations:

The 30th Anniversary day and UNFEST celebrations of SVIMS were held on 26.02.2023 at Mahathi Auditorium. DrB.Vengamma, Director cum Vice Chancellor addressed the gathering and felicitated Chief Guest of the programme DrB.N.Gangadhar, President, National Medical Commission (NMC) and Honorary Guests Sri. A.V.Dharma Reddy, I.D.E.S., Executive Officer, TTD; Smt. SadaBhargavi, I.A.S., Joint Executive Officer, TTD; DrAlladi Mohan, Dean, SVIMS; DrK.V.SridharBabu, Registrar; Dr R. Ram, M.S. and Dr V. Vanajakshamma, C.E. The staff members, their children and students who participated and excelled in various sports and cultural activities were awarded with trophies and mementoes. Students and staff members participated in cultural events to mark the occasion.



The Chief Guest and Honoraty Guest are seen participating in “lighting the lamp” ceremony.



DrB.N.Gangadhar, President, NMC and Honorary Guestsreleasing Annual report 2022.



Dr B.N.Gangadhar, President, NMC and Honorary Guestsreleasing Akanksha 2023.



DrB.N.Gangadhar, President, NMC and Honorary Guestsreleasing JCSR book



Dr. B.N. Gangadhar, President, NMC addressing the gathering



Sri. A.V. Dharma Reddy, I.D.E.S., Executive Officer, TTD addressing the gathering



Smt. Sada Bhargavi, I.A.S., Joint Executive Officer, TTD, addressing the gathering



Dr. B. Vengamma, Director-cum-VC, SVIMS addressing the gathering



Dr. Alladi Mohan, Prof. & HoD, Dept. of Medicine, receiving the best paper award (JCSR) from Dr. B.N. Gangadhar, President NMC.



Dr. R. Ram, Prof. & HoD, Dept. of Nephrology, receiving the Dr. Subhashini Yaturu Gold Medal Award



The students of college of Nursing receiving overall championship trophy of UNIFEST 2023



The students participation in the cultural activities during the occasion

6.2 Events at SVIMS

1. 74th Republic Day celebrations were held on 26.01.2023 at SVIMS-SPMCW Play ground. Dr B.Vengamma, Director cum Vice Chancellor hoisted the National flag on this occasion and addressed the gathering and distributed Meritorious Certificates and Cash awards to SVIMS employees who were selected for Best Employee award.



Annual Report 2023

2. Inaugurated Cultural Events for Unifest on 03.02.2023 at Padmavathi Auditorium. Professor V. Padmanabha Reddy, Vice-Chancellor, Sri Venkateswara Veterinary University attended as a Chief Guest of the Programme. Dr. B.Vengamma, Director cum Vice Chancellor addressed the gathering and felicitated the guest.



3. Awareness Rally on World Cancer Day was observed on 04.02.2023, Launched Care Tracker APP and Inaugurated Palliative Care Wing. Sri. K.Venkata Ramana Reddy I.A.S., Tirupati District Collector, Sri. Hari Narayana I.A.S., Chittoor District Collector, Smt. SadaBhargavi I.A.S., JEO, TTD, Prof. Rani Sadasivamurthy, Vice Chancellor, S.V. Vedic University, Dr B.Vengamma, Director cum Vice Chancellor, SVIMS, Dr. M.Jayachandra Reddy, SVIMS-BIO Special Officer, Dr. Sri Hari, D.M.H.O, Tirupati Dist. and other officials attended the programmes.



Sri Venkateswara Institute of Medical Sciences

4. Cyber Crime Awareness programme on 08.02.2023 at Padmavathi Auditorium. Dr B.Vengamma, Director cum Vice Chancellor addressed the gathering and felicitated Chief Guest of the Programme, Cyber Crime Expert Sri I.L.Narasimha Rao, Addl. Superintendent of Police (Crime), Tirupati. Smt. C.H.Vimala and other police Officials attended.



5. International Epilepsy Day at ZP High School, Papanaidupeta Village on 13.02.2023 and Epilepsy Awareness Rally conducted in SVIMS Campus. Dr B.Vengamma, Director cum Vice Chancellor, SVIMS, I.E.A. Members, Faculty and MBBS Students attended.



6. Sports Day on 19.02.2023 at SPMCW Grounds, Dr B.Vengamma, Director cum Vice Chancellor attended and distributed the prizes for the winners



Annual Report 2023



7. Epilepsy Camps Silver Jubilee year celebrations conducted in coordination with Indian Epilepsy Association, Tirupati Chapter at OPD Block on 19.02.2023. Sri A.V.Dharma Reddy IDES, EO, TTD attended as a chief guest of the programme and addressed the gathering. Prof. Subramanyam, Treasurer was felicitated.



8. State Level Zoonotics Meeting was conducted on 20.02.2023, Dr B.Vengamma, Director cum Vice Chancellor addressed the gathering Dr. Ajith Shinale, Director, I.A.S.P., New Delhi, Dr Usha Kalavat, Prof. & HoD, Virology, Sri. Selvam, Curator, S.V.Zoo Park, Dr Suneeth, Joint Director, other Faculty & Doctors attended.



9. Dept. of Biochemistry conducted International Mahila Dinotsavam Rally from Directors Office to Valmiki Circle on 17.03.2023. Dr M.M. Suchitra, Prof. of Biochemistry and M.B.B.S, College of Nursing, College of Physiotherapy students attended



10. Dept. of Physiotherapy Conducted International Women's Day on 17.03.2023 at Padmavathi Auditorium. Dr B.Vengamma, Director cum Vice Chancellor addressed the gathering and felicitated Smt. Mamatha, Advocate & Chief Guest.



11. World Head Injury Awareness Day Rally was conducted on 20.03.2023 at SVIMS Circle to Prakasam Road (Balaji Colony) Circle, Dr B.Vengamma, Director cum Vice Chancellor, DSP, Traffic Police, Faculty and staff attended.



12. World Head Injury Awareness Programme was conducted on 21.03.2023 at Padmavathi Auditorium. Dr B. Vengamma, Director cum Vice Chancellor addressed the gathering, Sri. Katamraju, Tirupati Traffic DSP, Sri.VijayaSekar, Tirupati Traffic West Zone DSP, Faculty & Police dept. and staff attended



13. World TB DAY was conducted on 24.03.2023 at SVIMS OPD Block. Dr B.Vengamma, Director cum Vice Chancellor and Dr Alladi Mohan, Prof.&Head, Dept of Medicine, Dr Sharan B Singh, Principal, SVIMS-SPMCW, addressed gathering and distributed meritorious Certificates for staff of SVIMS DOT Centre



14. KKC Group of Institutions conducted Purple Day Awareness Programme was conducted on Epilepsy at Puttur on 25.03.2023. Dr B.Vengamma, Director cum Vice Chancellor, SVIMS attended as a Chief Guest and addressed the gathering. Sri K. Kuppaiah

Annual Report 2023

Chetty, Chairman, K. Narasimha Rao, Vice-Chancellor, Dr Jhansirani, Principal, Nursing of KKC Group of Institutions were felicitated the Director-cum-VC.



15. Indian Radiological and Imaging Association, Tirupati Sub-chapter (APIRIA) and Breast Imaging Society conducted CME and workshop in Tirupati was conducted on 25.03.2023 & 26.03.2023. Dr B.Vengamma, Director cum Vice Chancellor attended as a Chief Guest and addressed the gathering. Dr Varaprasad, National IRIA President (Elect), Dr D. Srihari Rao, Organizing President, Dr B. Vijayalakshmi Devi, Organizing Chairman, Dr Silpa Kadiyala, Dr Bhavana Dev, Dr Bhagyam Raghavan, Organizing Secretary, Dr Harinath Reddy, APMC Observer attended.



16. Extra Corporeal Membrane Oxygenation (ECMO) Meet Training Programme in collaboration with Sri Padmavathi Children Heart Center (SPCHC), TTD was conducted on 31.03.2023 at Padmavathi Auditorium. Dr B. Vengamma, Director cum Vice

Chancellor addressed the gathering Dr Srinath Reddy, Director, SPCHC and Dr Alladi Mohan, Dean, were attended.



17. Dr B.Vengamma, Director cum Vice Chancellor received Rs. 1,00,000/- (One Lakh Only) donation from Smt. V. Dhanalakshmi, Superintendent, SVIMS and her family members for Sri Balaji Aarogya Varaprasadini Scheme on 31.03.2023.



18. Blood Donation camp was conducted on 07.04.2023 at Jaganmatha Church, Tirupati on the occasion of Good Friday. Dr B.Vengamma, Director cum Vice Chancellor addressed the gathering, Dr Sreedhar Babu, Registrar, Dr Suresh Babu, Assoc. Prof. have organised the camp.



Sri Venkateswara Institute of Medical Sciences

19. The department of Cardiothoracic and Vascular Surgery was conducted a workshop on 09.04.2023. Dr B.Vengamma, Director cum Vice Chancellor, SVIMS addressed the gathering. Dr Yelamaran Tamilnadu, Dr Sivasankar Tanjavur, Dr Sentil Kumar Devarajan, Chennai attended as guest speakers.



20. Smt. Sada Bhargavi, JEO, TTD distributed ID Cards to the Employees working under Sri Lakshmi Srinivasa Man Power Corporation (SLSMPC) at TTD JEO's Chamber on 12.04.2023.



21. Bharata Ratna Dr B.R. Ambedkar 132 years Jayanthi celebration were held on 14.04.2023. SVIMS SC & ST Welfare Association Members conducted the programme. Sri K. Rathnaiah, Ex-Vice Chancellor, Dravida University was attended as Chief Guest.



22. New Billing Software launched on 16.04.2023 by Kare Xpert team.



23. Smt. Sada Bhargavi, JEO, TTD, Dr B.Vengamma, Director cum Vice Chancellor, SVIMS received worth of Rs. 71 Lakhs- Donation of 5 Battery Vehicles and Water Purifiers, Equipment's from Karur Vysya Bank on 18.04.2023 at Director Office. Smt Meena Hemachandra, Chairperson KVB, G Ramesh Babu, MD & CEO attended.



Annual Report 2023

24. The 12th convocation of the Institute was held on 27.04.2023 at Mahathi Auditorum, Tirupati. Dr Minu Bajpai, Vice President & Honorary Executive Director, NBEMS, New Delhi delivered the convocation address. Sri Y.V. Subba Reddy, Chairman, TTD; Sri A.V. Dharma Reddy, EO, TTD; Smt. Sada Bhargavi, JEO, TTD and Members of Governing Council shared the dais.



Group photo of the members of the Governing Council and the Academic Senate of the University who took part in the Convocation procession



The Dignitaries participating in "lighting the lamp" ceremony



The Inauguration of 12th Convocation. Seen from left to right are MS, Dean, Director-cum-VC; Sri Y.V.Subba Reddy, Chairman, TTD; DrMinuBajpai, Vice President & Honorary Executive Director, NBEMS, New Delhi delivered the convocation address.; Sri A.V.Dharma Reddy, EO, TTD; Smt. SadaBhargavi, JEO, TTD and Registrar, SVIMS are seen.



DrMinuBajpai, Vice President & Honorary Executive Director (NBEMS) delivering the convocation address



Sri Y.V.Subba Reddy, Chairman, TTD was seen delivering the convocation address



Dr B. Vengamma, Director cum VC, SVIMS delivering the Institute report.

Sri Venkateswara Institute of Medical Sciences

25. Dr B.Vengamma, Director cum Vice Chancellor, SVIMS and family offered Saare to Goddess Gangamma Thalli on the occasion of Ganga Jatara held on 16.05.2023.



26. Sri Y.V.Subba Reddy, Chairman, TTD, Smt. Sada Bhargavi, JEO, TTD, Sri Gurusurthy, MP, Tirupati, Sri Pokala Ashok Kumar, TTD Board Member, Dr B.Vengamma, Director cum Vice Chancellor performed ground breaking ceremony of Sri Balaji Institute of Oncology at SVIMS Padmavathi Hospital on 25.05.2023. Dr M.Jayachandra Reddy, Special Officer, Sri Balaji Institute of Oncology is also seen.



27. Four days Training Programme on National Accreditation Board for Testing and Calibration Laboratories (NABL) was started on 29.05.2023 at Sri Padmavathi Auditorium. Dr B.Vengamma, Director cum Vice Chancellor addressed the gathering, Chief Guest of the programme was Prof T. Venkatesh, Foundation for Quality India, Dr Venkatesh, Dr Krishnamurthy, Dr C V Anand, Dr Usha Anand are seen.



Annual Report 2023

28. World No Tobacco Day was observed on 31.05.2023 at SVIMS OPD Block. Dr B.Vengamma, Director cum Vice Chancellor addressed the gathering, Dr Alladi Mohan, Dean, Dr Aparna Bitla, Registrar, Dr Sharan B Singh, Principal, SPMCW, Dr K.Nagaraju, HoD, Community Medicine and Doctors, Staff attended.



29. Sri Y.V.Subba Reddy, Chairman, TTD, Smt. Sada Bhargavi, JEO, TTD, Sri Gurumurthy,MP, Tirupati, Sri Pokala Ashok Kumar, TTD Board Member, Dr B.Vengamma, Director cum Vice Chancellor performed ground breaking ceremony of Sri Balaji Institute of Oncology at SVIMS Padmavathi Hospital on 25.05.2023. Dr M.Jayachandra Reddy, Special Officer, Sri Balaji Institute of Oncology is also seen.



30. Smt. Sadha Bhargavi, I.A.S., JEO (H&E), TTD takes charge as Director cum Vice Chancellor (FAC), SVIMS on 30.06.2023



31. Smt. Sada Bhagavi I.A.S., Director cum Vice Chancellor attended a High Level Meeting With Senior officials in the Education Department and Vice Chancellors of various Universities at Hon'ble Chief Ministers Camp Office, Tadepalli on 13.07.2023



32. Smt. Sada Bhargavi I.A.S., Director cum Vice Chancellor received donation of medicines worth of Rs. 20,000/- on 19.07.2023 for Dialysis Patients at Nephroplus. Dr R.Ram, Prof. & HoD, Nephrology also attended.



33. The Surgical Gastroenterology Dept. conducted Indian Chapter of International Hepato Pancreato Biliary Association – HPB Certificate Course on 27.07.2023 at SPMCW. Sri. A.V.Dharma Reddy I.D.E.S., EO, TTD, Smt. Sada Bhargavi, I.A.S., Director cum Vice Chancellor, Dr Venkatarami Reddy, Prof. & HoD, Surgical Gastroenterology attended.



34. The Physiology Dept. conducted A.P. HAYAGREEVA Quiz Competition for MBBS Students on 28.07.2023 at SPMCW. Dr Sharan B Singh, Principal, SPMCW addressed the gathering. Dr Aparna R Bitla, Registrar, Dr Y. Mutheeswaraiiah, Vice Principal, SPMCW, Dr Uma Maheswara Rao, Prof. & HoD, Pharmacology, Dr K.Nagaraju, Prof. & HoD, Community Medicine, staff and students attended



Annual Report 2023

35. Dr R. V. Kumar takes over charge as Director cum Vice Chancellor, SVIMS on 27.08.2023



36. For the Academic year 2023-24, the 1st & 2nd seats in MBBS under All India Quota were allotted in first counselling. Admission orders were issued to the students by Smt. Sada Bargavi IAS, JEO, TTD.



37. World Organ Donation Day was conducted on 11.08.2023 at Mahati Auditorium, Tirupati. Sri Bhumana Karunakar Reddy, TTD Chairman was seen addressing the gathering, Sri. A.V.Dharma Reddy I.D.E.S., EO, TTD, Smt. SadaBhargavi I.A.S., JEO, TTD, Dr Alladi Mohan, Dean, DrSrinath Reddy, Director, Sri Padmavathi Childrens Hospital and Dr Reddappa Reddy, Special Officer, BIRRD attended.



38. The 77th India's Independence Day Celebrations were held on 15.08.2023, Smt. Sada Bhargavi, JEO, TTD, hoisted the National Flag at SPMCW play ground and addressed the gathering.



39. The Orientation Programme of 10th batch of MBBS was held on 01.09.2023 at SPMCW. Sri Bhumana Karunakar Reddy, Chairman, TTD, Dr R.V.Kumar, Director cum Vice Chancellor, SVIMS, Dr Alladi Mohan, Dean, Dr Aparna R Bitla, Registrar, Dr Usha Kalawath, Principal, SPMCW, Dr R.Ram, Medical Superintendent, Staff and Students were attended. The Chairman inaugurated the renovated Cardiology ICU Unit and Seminar Hall.



40. Teachers Day was observed on 05.09.2023 at Sri Padmavathi Auditorium. Dr R.V.Kumar, Director cum Vice Chancellor, SVIMS addressed the gathering and felicitated, Dr Sivakumar, Professor, Nephrology, Dr B.C.M. Prasad, Professor, Neurosurgery, Dr Aruna K Prayaga, Professor, Pathology, Dr J.Vasudeva Reddy, Professor, Anatomy. Dr Alladi Mohan, Dean, Dr R. Ram, Medical Supdt., Staff and students attended.



41. World Physiotherapy Day was observed on 08.09.2023 at Sri Padmavathi Auditorium. The Chief Guest of the Programme was Dr M. Gurumurthy, Hon'ble MP, Tirupati, Smt. Sada Bhargavi I.A.S., JEO, TTD, Dr R.V. Kumar, Director cum Vice Chancellor, Prof. Rani Sadasivamurthy, Vice Chancellor, S.V. Vedic University, Dr Alladi Mohan, Dean, Dr Vanajakshamma, Registrar i/c, Dr R.Ram, Medical Supdt., Dr M. Jayachandra Reddy, Special Officer, Sri BIO, Dr K.Madhavi, Principal, College of Physiotherapy, staff and students attended.



Annual Report 2023

42. World Patient Safety Day was conducted on 16.09.2023 at SVIMS OPD Block. Dr R.V.Kumar, Director cum Vice Chancellor, SVIMS, Dr Aparna R Bitla, Registrar, Dr Ram, Medical Superintendent, Dr Uma Maheswara Rao, Co-ordinator, NABH, Dr K. Madhavi, Principal, College of Physiotherapy and Doctors, Staff, Students, Patients attended.



43. Dr R.V.Kumar, Director cum Vice Chancellor, SVIMS met the Hon'ble Chief Minister Sri Y.S.Jagan Mohan Reddy on 18.09.2023 at Renigunta Airport.



44. SVIMS Doctors & Staff attended Free Medical Camps on 18.09.2023 to 26.09.2023 as part of TTD Srivari Salakatra Brahmtsavams. Dr R.V.Kumar, Director cum Vice Chancellor visited Free Medical Camps at Alipiri and Srivarimettu locations on 21.09.2023.



45. The dept. of Transfusion medicine organized voluntary blood donation camp on 26.09.2023 on the occasion of Raktdaan Amrit Mahotsav, a Govt. of India programme at National Sanskrit University, Tirupati. Dr R.V.Kumar, Director cum Vice Chancellor attended as Chief Guest.



46. SVIMS - SPMC (W) Conducted Motivational talk for MBBS students at Mahathi Auditorium on 27.09.2023. Sri A.V. Dharma Reddy I.D.E.S, E.O., TTD attended as Chief Guest. Dr R.V.Kumar, Director cum Vice Chancellor, SVIMS, Dr Alladi Mohan, Dean, Dr Aparna R Bitla, Registrar, Dr Usha Kalawat, Principal, SVIMS-SPMCW and faculty, doctors, staff, students were also attended.



47. SVIMS Conducted Mahatma Gandhi & Lal Bahudur Sastri's Jayanthi on 02.10.2023 at Sri Padmavathi OPD Block. Dr R.V.Kumar, Director cum Vice Chancellor attended and also participated as part of the nationwide Swachatha hi Seva Programme



Annual Report 2023

48. The department of Psychiatry conducted World Mental Health Day on 10.10.2023. Dr R.V.Kumar, Director cum Vice Chancellor addressed the gathering. Dr M. Ganesh Kumar, Asst. Prof. & HoD i/c, Psychiatry, Dr V.Venkatarami Reddy, Prof. & HoD, Surgical Gastroenterology, faculty, staff and students attended.



49. Sri A.V. Dharma Reddy, EO, TTD Launched Facial Recognition System (FRC) for SVIMS Employees attendance on 12.10.2023. Smt Sada Bhargavi, EO, TTD, Sri Balaji, FA & CAO, TTD, Dr R.V.Kumar, Director cum Vice Chancellor, faculty and staff attended.



50. The department of Medical Oncology conducted Breast Cancer Awareness Programme on 13.10.2023. Dr R.V.Kumar, Director cum Vice Chancellor, Dr Bhargavi, Prof. & HoD, Medical Oncology, faculty and staff attended.



51. ESI & EPF Authorities conducted an Awareness programme to SLSMPC Employees on 20.10.2023. Dr R.V.Kumar, Director cum Vice Chancellor, SVIMS attended as Chief Guest of the Programme, D. Radhakrishna, Deputy Director, E.S.I., Sri L. Ratna Kumar, Advisory Committee Member, ESI and employees from SVIMS attended.



52. World Diabetes Day was observed on 14.11.2023 at Sri Padmavathi Auditorium. Dr R.V.Kumar, Director cum Vice Chancellor, Dr R. Ram, Medical Supdt., Dr Alok Sachan, Prof. & HoD, Endocrinology, Dr Nandagopal, Professor & HoD, Neurology, Dr Vanajakshamma, Professor, Cardiology, Dr Sujith Kumar, Community Medicine, Dr Sri Lalitha, Ophthalmology, staff and students attended.



Sri Venkateswara Institute of Medical Sciences

53. World Diabetes Day was conducted on 14.11.2023 at Sri Padmavathi Auditorium. Dr R.V.Kumar, Director cum Vice Chancellor, SVIMS addressed the gathering and felicitated. Dr Srinath Reddy, Director, Sri Padmavathi Childrens Heart Centre, Dr Ganapathi Subramanian, CT Surgeon, Dr Alladi Mohan, Dean, SVIMS, Dr Vanajakshamma, Sr. Professor, Cardiology and staff attended.



54. Palliative Care Wing under Sri BIO organized a lecture on 20.11.2023. Dr Radha Venkateshan from Tiruvananthapuram attended and delivered lecture. Dr R.V.Kumar, Director cum Vice Chancellor, Dr Alladi Mohan, Dean, Dr M Jayachandra Reddy, Special Officer, Sri Bio, Dr Usha Kalawat, Principal, SPMCW staff and students attended.



55. College of Physiotherapy and College of Nursing Jointly conducted a CME on 02.12.2023 at Sri Padmavathi Auditorium. Dr R.V.Kumar, Director cum Vice Chancellor, SVIMS addressed the gathering. Dr K. Madhavi, Principal, College of Physiotherapy, Dr P.Sudharani, Principal, College of Nursing, Faculty, staff and students attended.



56. Dr B.R.Ambedkar 67th Vardhanthi was conducted on 06.12.2023 at SPMCW, Dr R.V.Kumar, Director cum Vice Chancellor addressed the gathering. Dr Ushakalawat, Principal, SPMCW, Dr Amarnath, Liaison officer and staff attended.



Annual Report 2023

57. An Awareness Programme was conducted on 15.12.2023 on Sexual Harassment of Women at Work Place (POSH ACT) at Sri Padmavathi Auditorium. Dr R.V.Kumar, Director cum Vice Chancellor addressed the gathering. Dr Aparna R Bitla, Registrar, Dr Usha Kalawat, Principal, SPMCW, Dr P.Sudharani, Principal, College of Nursing, staff and students attended.



58. An MOU was entered between SVIMS and All India Institute of Medical Sciences (AIIMS), Nagpur on Heart Transplantation on 21.12.2023.



59. Sidda Clinic Research Unit, Tirupati was conducted a seminar on Integration of Traditional Medical Practices into the Management of Non-Communicable Diseases (InTra-NCD) on 28.12.2023 at SPMCW. Dr R.V.Kumar, Director cum Vice Chancellor attended as Chief Guest. The faculty, staff and students attended.



6.3 Orations Organized:

The orations are instituted in the name of the donor or the name suggested by him/her, on receipt of the donation. The annual interest generated from the donation is utilized for organizing the oration. The following orations were organized during the year 2023.

1. The 8th Annual Cherukuri Narasimham and Subhadra Devi Chair Oration, was delivered by Dr Sanjay Behari, Director, Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram on 30th March, 2023 on the topic “Bio-Ethics in Medicine”. The oration was organized by the Department of Neurosurgery.
2. The 8th Annual IEA Tirupati Oration in Epileptology was delivered Dr Nirmal Surya, Founder Trustee & Chairman, Epilepsy Foundation, Mumbai on 1st June, 2023 on the topic on “Epilepsy Care Model for Rural India”. The oration was organized by the Department of Neurology.
3. The 6th “Srinivasa Neurosurgery Endowment Oration” was delivered by Dr S N Mathuriya, Former Professor and HOD, Department of Neurosurgery, PGIMER, Chandigarh on 21st October 2023 on the topic “ANEURYSMAL SUB ARACHNOID HEMORRHAGE”. The oration was organized by the Department of Neurosurgery.
4. The 9th “Sri Cherukuri Narasimham and Subhadra Devi Chair Annual Oration” was delivered by Dr Arvind Kumar Dubey, Senior Specialist Neurosurgeon, Royal Hobart Hospital, Hobart, Tasmania, Australia on 13th December 2023 on the topic “Why Aneurysm Clipping should continue?”. The oration was organized by the Department of Neurosurgery.



Annual Report 2023

6.4 Academic programme calendar for the year 2024

The academic schedule proposed for the year 2024 for conduct of clinical meetings, CPC,CME, spotters presentations, capsule on investigations, quiz programs is as detailed below:

[1] SATURDAY'S CLINICAL MEETING		
Date	Research Presentation 8: 00 to 8: 45 a.m.	Spotter Presentation 8:45 to 9:00 a.m.
06/01/24	Neurology	Paediatrics
13/01/24	Neurosurgery	Plastic Surgery
20/01/24	Nuclear Medicine	Radio Diagnosis
03/02/24	OBG	Radiotherapy
10/02/24	Oncology (Surgical)	Transfusion Medicine
17/02/24	Oncology (Medical)	TB & RD
02/03/24	Ophthalmology	Urology
09/03/24	Pathology	Anaesthesiology
16/03/24	Pharmacology	Anatomy
23/03/24	Psychiatry	Biochemistry
06/04/24	Physiology	Cardiology
13/04/24	Paediatrics	Clinical Virology
20/04/24	Plastic Surgery	CT Surgery/ General Surgery
04/05/24	Radio Diagnosis	Community Medicine
11/05/24	Radiotherapy	Dentistry
18/05/24	Transfusion Medicine	Dermatology
01/06/24	TB & RD	Emergency Medicine
08/06/24	Urology	Endocrinology
15/06/24	Anaesthesiology	ENT
22/06/24	Anatomy	Forensic Medicine
06/07/24	Biochemistry	GE (Surgical)
13/07/24	Cardiology	General Surgery
20/07/24	Clinical Virology	Medicine
03/08/24	CT Surgery/General Surgery	Microbiology
10/08/24	Community Medicine	Nephrology
17/08/24	Dentistry	Neurology
24/08/24	Dermatology	Neurosurgery
14/09/24	Emergency Medicine	Nuclear Medicine
21/09/24	Endocrinology	OBG
05/10/24	ENT	Oncology (Surgical)

[2] THURSDAY'S CLINICAL MEETING		
Date	Research Presentation 8: 00 to 8: 45 a.m.	Spotter Presentation 8:45 to 9:00 a.m.
04/01/24	Pharmacology	Topic
11/01/24	Psychiatry	Debate
18/01/24	Physiology	Topic
25/01/24	Paediatrics	Debate
01/02/24	Plastic Surgery	Debate
08/02/24	Radio Diagnosis	Debate
15/02/24	Radiotherapy	Case
22/02/24	Transfusion Medicine	Topic
29/02/24	TB & RD	Debate
07/03/24	Urology	Debate
14/03/24	Anaesthesiology	Case
21/03/24	Anatomy	Topic
28/03/24	Biochemistry	Topic
04/04/24	Cardiology	Case
11/04/24	Clinical Virology	Topic
18/04/24	CT Surgery	Debate
25/04/24	Community Medicine	Topic
02/05/24	Dentistry	Debate
09/05/24	Dermatology	Debate
16/05/24	Emergency Medicine	Case
23/05/24	Endocrinology	Case
30/05/24	ENT	Debate
06/06/24	Forensic Medicine	Topic
13/06/24	GE (Surgical)	Case
20/06/24	General Surgery	Debate
27/06/24	Medicine	Case
04/07/24	Microbiology	Topic
11/07/24	Nephrology	Debate
18/07/24	Neurology	Case
25/07/24	Neurosurgery	Debate
01/08/24	Nuclear Medicine	Case

Sri Venkateswara Institute of Medical Sciences

[1] SATURDAY'S CLINICAL MEETING		
19/10/24	Forensic Medicine	Oncology
(Medical)		
2/11/24	GE (Surgical)	Ophthalmology
09/11/24	General Surgery	Pathology
16/11/24	Medicine	Pharmacology
23/11/24	Microbiology	Psychiatry
07/12/24	Nephrology	Physiology
14/12/24	Neurology	Paediatrics
21/12/24	Neurosurgery	Plastic Surgery
*	**	**
*	**	**
*	**	**
*	**	**
*	**	**
*	**	**
*		**
*	**	**
*	**	**
*	**	**
*	**	**
*	**	**
*	**	**

[2] THURSDAY'S CLINICAL MEETING		
08/08/24	OBG	Debate
22/08/24	Oncology (Surgical)	Case
29/08/24	Oncology (Medical)	Debate
05/09/24	Ophthalmology	Debate
12/09/24	Pathology	Case
19/09/24	Pharmacology	Topic
26/09/24	Psychiatry	Case
03/10/24	Physiology	Topic
10/10/24	Paediatrics	Case
17/10/24	Plastic Surgery	Case
24/10/24	Radio Diagnosis	Case
07/11/24	Radiotherapy	Debate
14/11/24	Transfusion Medicine	Topic
21/11/24	TB & RD	Case
28/11/24	Urology	Case
05/12/24	Anaesthesiology	Debate
12/12/24	Anatomy	Topic
19/12/24	Biochemistry	Topic
26/12/24	Cardiology	Debate

The schedule of Continuous Medical Education (C.M.E) Programmes by various departments on every first Saturday of the mentioned month for the year 2024 is as under:

[3] CME's: First Saturday between 02: 00 & 04: 00 P.M.	
06/01/24	ENT, Dentistry & Ophthalmology
03/02/24	Endocrinology, Biochemistry & Pharmacology
02/03/24	Emergency Medicine & Transfusion Medicine
06/04/24	Microbiology, Community Medicine & Clinical Virology
04/05/24	Nephrology, Urology & OBG
01/06/24	Medical Oncology, Surgical Oncology, Radiotherapy & Pathology
06/07/24	Medicine, Pediatrics, TB & RD & Physiology
03/08/24	Neurology, neurosurgery, Psychiatry
05/10/24	Anaesthesiology, Cardiology & CT Surgery
02/11/24	Anatomy, Surgical Gastroenterology, General Surgery and Forensic Medicine
07/12/24	Nuclear Medicine & Radiology

Annual Report 2023

[4] CLINICAL PATHOLOGICAL CORRELATION (CPC)/ CLINICO RADIOLOGICAL CORRELATION (CRC)			
Last Saturday between 08:00 & 9:00 A.M.			
Co-ordinators: For Medical Debates :Dr Ram, Prof. & HOD, Dept. of Nephrology.			
Surgical Debates: Dr V.V. Ramesh Chandra, Prof. & HOD, Dept. of Neurosurgery.			
27/01/24	Cardiology	27/07/24	Neurology
24/02/24	General surgery	31/08/24	Surgical Oncology
30/03/24	Medicine	28/09/24	Medical Oncology
27/04/24	Surgical GE	26/10/24	Urology
25/05/24	Endocrinology	30/11/24	Nephrology
29/06/24	Neurosurgery	28/12/24	Emergency Medicine
[5] QUIZ		Organizers	
Annual Medical Quiz will be held every year in the month of February		Dr Mutheeswaraiyah, Dr M.C.R. Rama, under the co-ordination of Dr Alok Sachan	

Note :

1. All the Heads of the Departments are requested to send the topic, speaker name, mode of presentation etc., as per the above schedule 20 days before to the Academic Section so as to issue circular for wider circulation
2. In case of 'Debate', it can be intradepartmental or interdepartmental and the Topic will be decided by the moderator.
3. College of Physiotherapy and College of Nursing may conduct CME with advance intimation.

6.5 Academic committees

The following committees are constituted for monitoring the academic and research activities.

(i) Thesis Protocol Approval Committee (TPAC)

The committee assesses the thesis protocol of the Postgraduate students. These committees are constituted separately for broad-specialty (MD) and super-specialties (DM / MCh).

Broad Specialties (MD)		
1.	Dr Alladi Mohan Dean and Sr. Prof. of Medicine	Chairman
2.	Dr Aparna R Bitla Registrar	Member
3.	Dr Sharan B Singh M Prof. & HoD of Physiology	Member
4.	Dr K. Nagaraj, Professor & HoD of Community Medicine	Member
5.	Dr Y. Mutheeswaraiyah, Prof. & HoD of General Surgery	Member
6.	Dr K.R. Subhash Prof. of Pharmacology	Member
7.	Dr V. Vanajakshamma Controller of Examinations	Special Invitee

Super Specialties (DM/ MCh)		
	Dr Alladi Mohan Dean and Sr. Prof. of Medicine	Chairman
	Dr D. Rajasekhar Sr. Prof. & HoD of Cardiology	Member
	Dr Alok Sachan Prof. & HoD of Endocrinology	Member
	Dr R. Ram Prof. & HoD of Nephrology Dr V. Venkatarami Reddy	Member
	Prof. & HoD of Surgical GE Dr R. Nandhagopal	Member
	Professor of Neurology Dr V.V. Ramesh Chandra	Member
	Prof. of Neurosurgery Dr V. Vanajakshamma	Member
	Controller of Examinations	Special Invitee

Sri Venkateswara Institute of Medical Sciences

The meetings for the following thesis protocols of the Post graduates admitted during 2022-23 academic year for Broad speciality (S.No. 711 to 757) were held on 18th & 19th July, 2023 and for Super speciality (Sl.No. 758 to 786) were held on 12th & 13th September 2023 and were cleared by the respective Committees. Details given in respective departments.

(ii) Institutional Ethics Committee (IEC)

The committee is constituted with the following members. For the year 2023, 197 proposals (Sl.No. 1401 to 1597) were assessed which are received from the Faculty, Postgraduate, Undergraduate and other institutes. The IEC got recognized by the Drug Controller General, India (Ref. no. ECR/488/Inst/AP/2020/RR-20, dt: 21.05.2020).

01	Dr R.V. Kumar	Director cum Vice-Chancellor & Establishing & Constituting Authority
02	Dr R.V.Suresh Kumar	Chairperson - Member - Scientific (Non-Institutional)
03	Dr Alladi Mohan	Member - Secretary – Medical - Clinician (Institutional)
04	Dr K.C.Radhika Rani	Member - Basic Medical Scientist (Non-institutional)
05	Dr D. Rajasekhar	Member - Medical - Clinician (Institutional)
06	Dr R. Nandagopal	Member - Medical - Clinician (Institutional)
07	Dr B. Manohar	Member – Medical - Clinician (Non-Institutional)
08	Dr D.Jamuna	Member-Non-Scientific- Social Scientist (Non-Institutional)
09	Prof. M. Hema	Member – Scientific (Non-Institutional)
10	Prof. S. Dakshinamurthy Sarma	Member - Philosopher/Theologian (Non-Institutional)
11	Mrs. M. Subhashini	Member- Legal Expert (Non-Institutional)
12	Mrs. K. Mamatha	Member- Lay-Person (Non-Institutional)

The Faculty of SVIMS have submitted their protocols for clearance in the IEC

Sl.No.	Title	Submitted by	Guide	TPAC No.	IEC No.
1.	To predicting contrast induced nephropathy in post percutaneous coronary intervention patients – A prospective observational cohort study	Dr R. Usha Rani Postgraduate Senior Resident in DM (Cardiology)	Dr D. Rajasekhar	686	1403
2.	A study on spectrum, clinical presentation and management of Grown-up Adult with Congenital Heart diseases (GUCH	Dr Gorrepati Harish Chowdary Postgraduate Senior Resident in DM (Cardiology)	Dr V. Vanajakshamma	687	1404
3.	The correlation between global longitudinal strain on speckle tracking echocardiography and coronary artery disease in patients with suspected stable angina pectoris	Dr Pothula Rama Rao Postgraduate Senior Resident in DM (Cardiology)	Dr V. Vanaja kshamma	688	1405
4.	To determine the performance of the Osteoporosis Self Assessment Tool for Asians (OSTA) score as a screening tool for osteoporosis among the postmenopausal women	Dr Y. Rajesh Reddy Postgraduate Senior Resident in DM (Endocrinology)	Dr Alok Sachan	689	1406
5.	Subgroups of adult onset type 2 diabetes mellitus in South Indian population	Dr Lanka Venkatesh Postgraduate Senior Resident in DM (Endocrinology)	Dr Alok Sachan	690	1407

Annual Report 2023

Sl.No.	Title	Submitted by	Guide	TPAC No.	IEC No.
6.	To study the association between her2 expression and clinicopathological features of colorectal cancer	Dr V. Aditya Postgraduate Senior Resident in DM (Medical Oncology)	D. Bhargavi	691	1408
7	Stroke risk factor profile based on age, gender and stroke subtypes – A prospective study from SVIMS	Dr Mangiri Venkata Srinivas Vijay Kumar Postgraduate Senior Resident in DM (Neurology)	Dr R. Nandhagopal	692	1409
8	Prognostic significance of phrenic nerve conduction parameters in Guillain Barre syndrome	Dr Mounika Gopalam Postgraduate Senior Resident in DM (Neurology)	Dr R. Nandhagopal	693	1410
9	Study of oxidative stress, inflammation, lipid abnormalities, insulin resistance in ADPKD patients	Dr T. Surya Prakash Postgraduate Senior Resident in DM (Nephrology)	Dr R. Ram	694	1411
10	Study of oxidative stress and inflammation in preeclampsia	Dr Jeeja J J Postgraduate Senior Resident in DM (Nephrology)	Dr R. Ram	695	1412
11	Study on perirenal and epicardial fat thickness, oxidative stress, inflammation, metabolic risk in predialysis CKD patients diabetic and non-diabetic	Dr Namesh Kamat Postgraduate Senior Resident in DM (Nephrology)	Dr R. Ram	696	1413
12	A study of lower limb peripheral arterial disease in diabetic chronic kidney disease patients	Dr Sakthivel V Postgraduate Senior Resident in DM (Nephrology)	Dr R. Ram	697	1414
13	A prospective study of neuro-navigation assisted minimally invasive approach to deep seated brain tumors	Dr Mahesh Postgraduate Senior Resident in MCh (Neurosurgery)	Dr V V Ramesh Chandra	698	1415
14	Prospective analysis of radio frequency denervation in patients with chronic low back pain	Dr Rakesh Kumar Postgraduate Senior Resident in MCh (Neurosurgery)	Dr V V Ramesh Chandra	699	1416
15	Evaluation, surgical planning and outcomes in patients undergoing C1-C2 fusion and cage placement for craniovertebral junction anomalies – A clinical and radiological observational study	Dr Nuvvula Satwik Postgraduate Senior Resident in MCh (Neurosurgery)	Dr V V Ramesh Chandra	700	1417

Sri Venkateswara Institute of Medical Sciences

Sl.No.	Title	Submitted by	Guide	TPAC No.	IEC No.
16	Comparing outcomes of partial stomach partitioning gastrojejunostomy with conventional gastrojejunostomy for the treatment of gastric outlet obstruction in unresectable distal gastric cancer: randomized controlled trial	Dr S. Kiran Datta Postgraduate Senior Resident in MCh (Surgical Gastroenterology)	Dr G. Sivarama krishna	701	1418
17	Comparing the outcomes of nasojejunal feeding with feeding jejunostomy in patients undergoing pancreaticoduodenectomy: A randomised controlled trial	Dr Gurlal Singh Postgraduate Senior Resident in MCh (Surgical Gastroenterology)	Dr V. Venkatarami Reddy	702	1419
18	Comparison of outcomes of ROUX-EN-Y gastrojejunostomy with standardised braun's enteroenterostomy for peptic gastric outlet obstruction: A randomized controlled trial	Dr Pushpendra Singh Gehlot Postgraduate Senior Resident in MCh (Surgical Gastroenterology)	Dr Chandra maliteeswaran C	703	1420
19	Comparing outcomes of standardized braun's enteroenterostomy with ROUX-EN-Y reconstruction for gastrojejunostomy following gastrectomy in carcinoma stomach: A randomised controlled trial	Dr Abhijeet Jain Postgraduate Senior Resident in MCh (Surgical Gastroenterology)	Dr V. Venkatarami Reddy	704	1421
20	A prospective evaluation of level IV cervical lymph node metastasis in operable squamous cell carcinoma of the oral tongue with a clinically node-negative neck	Dr Gejji Mahesh Babu Postgraduate Senior Resident in MCh (Surgical Oncology)	Dr H. Narendra	705	1422
21	A prospective study to evaluate the association between symptomatic hypocalcemia and parathormone levels in patients undergoing total thyroidectomy	Dr Yeswanth .N Postgraduate Senior Resident in MCh (Surgical Oncology)	Dr B. Manilal	706	1423
22	Effect of stone burden and stone configuration on the outcome of percutaneous nephrolithotomy procedure	Dr Shravan Reddy Postgraduate Senior Resident in MCh (Urology)	Dr N. Anil Kumar	707	1424
23	A comparative study of outcomes in PCNL with nephrostomy tube vs without nephrostomy tube	Dr Sindhura Madugula Postgraduate Senior Resident in MCh (Urology)	Dr N. Anil Kumar	708	1425

Annual Report 2023

Sl.No.	Title	Submitted by	Guide	TPAC No.	IEC No.
24	A clinical study of donor site morbidity of buccal mucosal graft urethroplasty for urethral stricture disease	Dr V. Praveen Kumar Postgraduate Senior Resident in MCh (Urology)	Dr N. Anil Kumar	709	1426
25	A clinical study on complications of trus guided prostate biopsies done at Dept. of Urology-SVIMS	Dr Naveen V.T. Postgraduate Senior Resident in MCh (Urology)	Dr N. Anil Kumar	710	1427
26	Comparison of sitting and lateral decubitus position for case of spinal needle insertion during lumbar intrathecal anaesthesia: A prospective randomized study	Dr Ghanta Bhargavi Sri Ramya Postgraduate Junior Resident in MD (Anaesthesia)	Dr R. Sridevi	711	1481
27	Comparison of ease of nasogastric intubation with or without application of Reverse Sellick's manoeuvre using a cold nasogastric tube in anaesthetized, intubated adult patients. A prospective, randomized, open label, parallel assignment study	Dr Mitte Sireesha Postgraduate Junior Resident in MD (Anaesthesia)	Dr Shameem .S	712	1482
28	Comparison of haemodynamic effects of propofol and ketofol as induction agents in patients undergoing discectomy surgeries under general anaesthesia – A prospective randomized double blind study	Dr Karthik E.V.N. Postgraduate Junior Resident in MD (Anaesthesia)	Dr K. Vinay	713	1483
29	Comparison of prophylactic equipotent norepinephrine and phenylephrine infusion for the treatment of post spinal anaesthesia induced hypotension-a prospective double-blinded randomized controlled clinical trial	Dr C. Sneha Postgraduate Junior Resident in MD (Anaesthesia)	Dr Aloka Samantaray	714	1484
30	Effectiveness of preinduction ketamine versus magnesium sulphate nebulization on the incidence of sore throat after general endotracheal anaesthesia: A prospective randomized double blind comparative study	Dr B. Anusha Postgraduate Junior Resident in MD (Anaesthesia)	Dr M. Madhusudan	715	1485

Sri Venkateswara Institute of Medical Sciences

Sl.No.	Title	Submitted by	Guide	TPAC No.	IEC No.
31	The impact of Preoperative Fasting Duration on the incidence of spinal anaesthesia-induced hypotension among adult patients scheduled for elective surgery: A prospective observational study	Dr Sowjanya .H Postgraduate Junior Resident in MD (Anaesthesia)	Dr Aloka Samantaray	716	1486
32	Comparative study of intravenous bolus of dexmedetomidine or magnesium sulphate on haemodynamic response to carboperitonium – A prospective randomized double blind study	Dr A. Ramesh Postgraduate Junior Resident in MD (Anaesthesia)	Dr N. Hemanth	717	1487
33	Comparison of dexmedetomidine with magnesium sulphate as an additional adjuvant to intrathecal bupivacaine and morphine combination for post operative analgesia in patients undergoing major abdominal surgeries – A prospective, randomized, double blind study	Dr Maloth Rajendra Prasad Postgraduate Junior Resident in MD (Anaesthesia)	Dr P. Janaki Subhadra	718	1488
34	Comparison of the efficacy of pretreatment of vein with plain intravenous lignocaine before propofol with that of premixed solution of lignocaine and propofol to decrease pain on injection during propofol induction of anaesthesia: a prospective, randomized double blind study	Dr Shaik Khaja Rasool Postgraduate Junior Resident in MD (Anaesthesia)	Dr P. Janaki Subhadra	719	1489
35	Study of biochemical markers of renal function in individuals with subclinical hypothyroidism	Dr Palem Kiranmayi Postgraduate Junior Resident in MD (Biochemistry)	Dr Aparna R Bitla	720	1490
36	Diagnostic utility of thoracic ultrasonography in the diagnosis of pneumothorax and hemothorax in chest trauma patients presenting to the Emergency room - SVIMS	Dr Nithya K Postgraduate Junior Resident in MD (Emergency Medicine)	Dr A. Krishna Simha Reddy	721	1491
37	Clinical profile of patients admitted with hypertensive crisis at the Emergency Medicine Department of the tertiary care center	Dr Vardhan Reddy Gadikota.C Postgraduate Junior Resident in MD (Emergency Medicine)	Dr A. Krishna Simha Reddy	722	1492

Annual Report 2023

Sl.No.	Title	Submitted by	Guide	TPAC No.	IEC No.
38	Clinical profile, characterization and antifungal susceptibility patterns of candida species in blood stream infections in a tertiary care teaching hospital	Dr R. Sangamitra Postgraduate Junior Resident in MD (Microbiology)	Dr Jayaprada .R	723	1493
39	Tc-99m MIBI myocardial washout rate in patients with chest pain and its correlation with MPS findings	Dr Bukke Surekha Postgraduate Junior Resident in MD (Nuclear Medicine)	Dr T.C. Kalawat	724	1494
40	F-18 FDG PET-CT derived primary tumor site metabolic parameters and its association with obesity in patients with recently diagnosed carcinoma breast	Dr P. Nandini Postgraduate Junior Resident in MD (Nuclear Medicine)	Dr T.C. Kalawat	725	1495
41	Clinical presentation, utility of image - guided pleural biopsy in aetiological diagnosis of patients presenting with unilateral pleural effusion	Dr Siddarth .N Postgraduate Junior Resident in MD (Medicine)	Dr A. Mohan	726	1496
42	Clinical presentation, laboratory characteristics and in-hospital treatment outcomes of adult patients with brucellosis – A prospective study	Dr Praveena Prasanthi Postgraduate Junior Resident in MD (Medicine)	Dr A. Mohan	727	1497
43	Clinico-haematological profile of patients presenting with pancytopenia – an observational study	Dr Bandi Bhargavi Postgraduate Junior Resident in MD (Medicine)	Dr V. Manolasya	728	1498
44	Association of level of serum sodium and potassium in patients with acute exacerbation of chronic obstructive pulmonary disease	Dr Venkatesh Kumar .S Postgraduate Junior Resident in MD (Medicine)	Dr V. Sameeraja	729	1499
45	Aetiology, clinical profile and outcome in patients with acute respiratory failure requiring mechanical ventilator support: a prospective study	Dr A. Greeshmu Reddy Postgraduate Junior Resident in MD (Medicine)	Dr J. Harikrishna	730	1500
46	A prospective study on efficacy of education and implementation of Ventilator Associated Pneumonia (VAP) prevention bundle on incidence of VAP in a Medical Intensive Care Unit (MICU) at a tertiary care teaching hospital	Dr Manoj Kollipara Postgraduate Junior Resident in MD (Medicine)	Dr J. Harikrishna	731	1501

Sri Venkateswara Institute of Medical Sciences

Sl.No.	Title	Submitted by	Guide	TPAC No.	IEC No.
47	Burden of metabolic syndrome in chronic obstructive pulmonary disease patients	Dr Ganganapalli Sunitha Postgraduate Junior Resident in MD (Medicine)	Dr V. Sameeraja	732	1502
48	Epidemiology, aetiology and outcome of health care associated infections: a prospective study	Dr Budumuru Sireesha Postgraduate Junior Resident in MD (Medicine)	Dr A. Mohan	733	1503
49	Burden of pulmonary hypertension in chronic kidney disease-predialysis and in patients on haemodialysis	Dr A. Shirisha Postgraduate Junior Resident in MD (Medicine)	Dr V. Manolasya	734	1504
50	To study the expression of PTEN, PAX2, Beta catenin & ARIDI a Immunohistochemistry markers in normal endometrium, endometrial precancers and endometrioid adenocarcinoma	Dr G.V. Sindhuja Postgraduate Junior Resident in MD (Pathology)	Dr N. Rukmangadha	735	1505
51	Diagnosis of breast lesions using international academy of cytology YOKOHAMA reporting system	Dr Kattela Veera Sekhar Postgraduate Junior Resident in MD (Pathology)	Dr V. Shanthi	736	1506
52	Comparision of RBC parameters in glomerular hematuria and non glomerular hematuria by automated urine analyzer	Dr T. Umadevi Postgraduate Junior Resident in MD (Pathology)	Dr Aruna K Prayaga	737	1507
53	Clinical outcomes of locally advanced oral cavity cancers treated with definitive volumetric modulated ARC radiotherapy – A prospective single center study	Dr M. Subhash Postgraduate Junior Resident in MD (Radiotherapy)	Dr B. Sreenivasa Rao	738	1508
54	A prospective study to evaluate set up errors, organ motion, tumor regression and their association between the Internal Target Volume (ITV), Planning Target Volume (PTV) margins during external beam radiotherapy in carcinoma of uterine cervix	Dr Gundluri Aasritha Sai Postgraduate Junior Resident in MD (Radiotherapy)	Dr Pranabadhu Das	739	1509
55	A prospective study to evaluate various prognostic factors of treatment out come in patients with central nervous system gliomas	Dr M. Vijaya Babu Postgraduate Junior Resident in MD (Radiotherapy)	Dr Pranabandu Das	740	1510

Annual Report 2023

Sl.No.	Title	Submitted by	Guide	TPAC No.	IEC No.
56	Study of association between preoperative temporal bone High Resolution Computed Tomography (HRCT) findings with intraoperative findings of chronic otitis media	Dr Neha Oruganti Postgraduate Junior Resident in MD (Radio-diagnosis)	Dr Pavan Kumar G Kale	741	1511
57	Comparative analysis of arterial spin labelling and dynamic susceptibility contrast perfusion imaging of intracranial brain tumours	Dr A. Nikhila Postgraduate Junior Resident in MD (Radio-diagnosis)	Dr B. Vijayalakshmi Devi	742	1512
58	Effectiveness of ultrasound, mammography and Doppler to predict molecular subtypes of breast cancer	Dr Vanteru Pooja Postgraduate Junior Resident in MD (Radio-diagnosis)	Dr Silpa Kadiyala	743	1513
59	Association between High resolution ultrasonography of peripheral nerves and Nerve Conductional Studies in diabetic peripheral neuropathy	Dr Bathuru Yaswanth Postgraduate Junior Resident in MD (Radio-diagnosis)	Dr A.Y. Lakshmi	744	1514
60	Efficacy of sonoelastography in differentiating benign from malignant lymphnodes in patients with cervical lymphadenopathy using pathological findings as gold standard	Dr B.V. Sindhu Postgraduate Junior Resident in MD (Radio-diagnosis)	Dr Sarala Settipalli	745	1515
61	Efficacy of neck imaging reporting and data system (NIRADS) in predicting the local and regional recurrence of head and neck squamous cell carcinoma after chemoradiotherapy by using CECT	Dr Sivanandini .S Postgraduate Junior Resident in MD (Radio-diagnosis)	Dr A.Y. Lakshmi	746	1516
62	Diagnostic accuracy of MRI findings in rectal cancer patients in determining tumor staging and circumferential resection margin	Dr Sumithra Pulla Postgraduate Junior Resident in MD (Radio-diagnosis)	Dr B. Vijayalakshmi Devi	747	1517
63	Role of ultrasound elastography in differentiating benign from malignant breast masses with cytological or histopathological correlation	Dr Sowmiya .S Postgraduate Junior Resident in MD (Radio-diagnosisaa)	Dr Silpa Kadiyala	748	1518
64	Analysis of key performance indicators of the blood centre of a tertiary care referral teaching hospital in South India	Dr Bodagala Jayasree Postgraduate Junior Resident in MD (Transfusion Medicine)	Dr K.V. Sreedhar Babu	749	1519

Sri Venkateswara Institute of Medical Sciences

Sl.No.	Title	Submitted by	Guide	TPAC No.	IEC No.
65	Study of association between pre-operative vitamin D3 level and occurrence of hypocalcaemia after total thyroidectomy in patients with benign thyroid diseases	Dr Martin Emerald .P Postgraduate Junior Resident in MS (General Surgery)	Dr Y. Mutheeswaraiah	750	1520
66	Diagnostic utility of Red cell distribution width and serum lactate/albumin ration as predictors of outcome in Necrotising Soft Tissue Infections – A prospective comparative study	Dr Sangretepally Postgraduate Sai Ganesh Junior Resident in MS (General Surgery)	Dr B. Srihari Rao	751	1521
67	A prospective observational study in predicting diabetic foot ulcers by using SINBAD scoring system	Dr G.S. Lakshmi Narasamma Postgraduate Junior Resident in MS (General Surgery)	Dr B. Hariprasad	752	1522
68	A prospective study of POSSUM score in predicting mortality and morbidity in perforation peritonitis	Dr Girishnath Navu Subramanian Postgraduate Junior Resident in MS (General Surgery)	Dr Y. Mutheeswaraiah	753	1523
69	Effect of trastuzumab-based chemotherapy on cardiac function in HER-2 positive breast cancer patients – A prospective observational study in a tertiary care hospital in South India	Dr Jegadeesh Krishnan .M Postgraduate Junior Resident in MD (Pharmacology)	Dr K. Umamaheswara Rao	754	1524
70	Comparative study of Achyranthes aspera among aqueous, ethanolic and methanolic leaf extracts in diabetic Wistar rat model	Dr Adinarayana .E Postgraduate Junior Resident in MD (Pharmacology)	Dr K. R Subhash	755	--
71	Morphometric study of ventricular system of human brain by computed tomography in population of Rayalaseema region	Dr B. Krishnaveni Postgraduate Junior Resident in MD (Anatomy)	Dr C. Sreekanth	756	1525
72	Study of peak expiratory flow rate in school going children of age group 6-12 years in Tirupati	Dr P.V. Arundhathi Postgraduate Junior Resident in MD (Physiology)	Dr Sharan B Singh M	757	1526
73	Correlation between Mitral Annular Plane Systolic Excursion (MAPSE), 2D left ventricular ejection fraction by simpson's method and global longitudinal strain in patients with coronary artery disease	Dr K. Rohith Kumar Postgraduate Senior Resident in DM (Cardiology)	Dr D. Rajasekhar	758	1562

Annual Report 2023

Sl.No.	Title	Submitted by	Guide	TPAC No.	IEC No.
74	Usefulness of tissue Doppler Imaging for the diagnosis of coronary artery disease in patients with left bundle branch block	Dr Pathan Wahid Khan Postgraduate Senior Resident in DM (Cardiology)	Dr V. Vanajakshamma	759	1563
75	Correlation between atherogenic index of plasma and angiographic severity assessed by gensini score and syntax score in patients of acute coronary syndrome	Dr Kasindula Anil Kumar Postgraduate Senior Resident in DM (Cardiology)	Dr D. Rajasekhar	760	1564
79	Significance of coronary sinus blood flow measured by transthoracic ECHO cardiography in patients with coronary artery disease	Dr P. Fardeeba Postgraduate Senior Resident in DM (Cardiology)	Dr V. Vanajakshamma	761	1565
80	Frequency of fracture in postmenopausal women with low bone mineral density	Dr Geerthana .V Postgraduate Senior Resident in DM (Endocrinology)	Dr Alok Sachan	762	1566
81	To study effect of frequent blood glucose monitoring on long term glycemic control in type 1 diabetes mellitus	Dr M. Bhavana Postgraduate Senior Resident in DM (Endocrinology)	Dr Alok Sachan	763	1567
82	Clinical profile and induction outcomes of acute lymphoblastic leukemia patients	Dr RM Keerthana Postgraduate Senior Resident in DM (Medical Oncology)	Dr D. Bhargavi	764	1568
83	Study the impact of her 2 low status on response to neo adjuvant chemotherapy in her2 negative breast carcinoma	Dr A. Mouriya Reddy Postgraduate Senior Resident in DM (Medical Oncology)	Dr D. Bhargavi	765	1569
84	Decompressive hemicraniectomy in acute stroke: Stroke subtype, risk factor profile, timing of surgery, complications and short-term outcome	Dr Madireddy Priyanka Postgraduate Senior Resident in DM (Neurology)	Dr R. Nandhagopal	766	1570
85	Stroke subtypes, risk factor profile, glycosylated hemoglobin level and short-term outcome of acute stroke in diabetes mellitus	Dr Kantam Sarath Chandra Postgraduate Senior Resident in DM (Neurology)	Dr R. Nandhagopal	767	1571
86	A study of frequency, electroclinical profile, inheritance pattern and short term outcome of genetic generalized epilepsy in SVIMS	Dr Mungara Ranjith Kumar Postgraduate Senior Resident in DM (Neurology)	Dr R. Nandhagopal	768	1572

Sri Venkateswara Institute of Medical Sciences

Sl.No.	Title	Submitted by	Guide	TPAC No.	IEC No.
87	A study of clinical features, oxidative stress and inflammation in patients with vascular access related arteriovenous fistula malfunction, endovascular interventions, outcomes and follow up in diabetics and non-diabetic patients with chronic kidney disease on maintenance hemodialysis	Dr Durga Prasad .S Postgraduate Senior Resident in DM (Nephrology)	Dr R. Ram	769	1573
88	A study of assessment of oxidative stress and inflammation in primary glomerular diseases	Dr Jagritee Postgraduate Senior Resident in DM (Nephrology)	Dr R. Ram	770	1574
89	A study of oxidative stress, inflammation and metabolic impact on cardiovascular system in diabetic and non-diabetic patients of chronic kidney disease on maintenance hemodialysis and peritoneal dialysis	Dr Shaik Shaheda Heera Postgraduate Senior Resident in DM (Nephrology)	Dr R. Ram	771	1575
90	Study of pulmonary hypertension in patients of different stages of chronic kidney disease	Dr Venkatesh Rajendra Naik Postgraduate Senior Resident in DM (Nephrology)	Dr R. Ram	772	1576
91	Comparative study of endoscopic vs open spinal decompression for single level lumbar spinal canal stenosis based on clinical and surgical outcomes – A randomized control study	Dr Papasani Anil Kumar Reddy Postgraduate Senior Resident in MCh (Neurosurgery)	Dr V.V. Ramesh Chandra	773	1577
92	A study on serum matabolomic profiling to predict severe traumatic brain injury outcome in a tertiary care hospital	Dr Velchuri Prasanna Kumar Postgraduate Senior Resident in MCh (Neurosurgery)	Dr V.V. Ramesh Chandra	774	1578
93	Comparison of outcomes of supramaximal resection and gross total resection for treatment of high grade gliomas – A prospective study	Dr Kundum Sree Datta Pradeep Postgraduate Senior Resident in MCh (Neurosurgery)	Dr V.V. Ramesh Chandra	775	1579

Annual Report 2023

Sl.No.	Title	Submitted by	Guide	TPAC No.	IEC No.
94	Predictive role of preoperative pancreatic CT attenuation index, pancreatic enhancement ratio in predicting postoperative pancreatic fistula following pancreatoduodenectomy – A prospective observational study	Dr Sekuboyina Kiran Datta Postgraduate Senior Resident in MCh (Surgical G.E)	Dr Venkata Rami Reddy	776	1580
95	Impact of ERAS protocol on the outcomes of lateral pancreatico-jejunosomy for chronic pancreatitis	Dr Gullipalli Ganesh Postgraduate Senior Resident in MCh (Surgical G.E)	Dr Venkata Rami Reddy	777	1581
96	Comparison of effect of stapled versus hand-sewn gastrojejunostomy on delayed gastric emptying following pancreaticoduodenectomy - A randomized control trial	Dr Sangu Karuna Reddy Postgraduate Senior Resident in MCh (Surgical G.E)	Dr Venkata Rami Reddy	778	1582
97	Comparison of outcomes of single layer end to end versus double layer side bowel anastomosis in patients undergoing elective gastrointestinal surgery: A randomized controlled trial	Dr Veeragandham Jaydeep Postgraduate Senior Resident in MCh (Surgical G.E)	Dr Chandramaliteeswaran	779	1583
98	Outcomes of interrupted with continuous suturing technique in patients undergoing hepaticojejunostomy: A randomised controlled trial	Dr A. Ritesh Postgraduate Senior Resident in MCh (Surgical G.E)	Dr G. Siva Rama Krishna	780	1584
99	Impact of pre-operative nutritional status and sarcopenia on immediate post-operative morbidity and mortality among patient's undergoing upfront surgery for oral cavity cancers – A prospective observational study	Dr S. Ramesh Babu Postgraduate Senior Resident in MCh (Surgical Oncology)	Dr B. Manilal	781	1585
100	A prospective study of diagnostic accuracy of sentinel lymph node biopsy by dual technique in AJCC stage I-III breast cancer patients receiving neoadjuvant chemotherapy	Dr Y. Pavan Kumar Postgraduate Senior Resident in MCh (Surgical Oncology)	Dr H. Narendra	782	1586
101	A study of acute complications of intravesical BCG immunotherapy in non muscle invasive bladder carcinoma – A prospective observational study at SVIMS	Dr Kosuri Karthik Kumar Postgraduate Senior Resident in MCh (Urology)	Dr N. Anil Kumar	783	1587

Sri Venkateswara Institute of Medical Sciences

Sl.No.	Title	Submitted by	Guide	TPAC No.	IEC No.
102	A study on impact of stone density on outcomes of percutaneous nephrolithotomy in staghorn renal calculi	Dr Vignesh .N.C Postgraduate Senior Resident in MCh (Urology)	Dr N. Anil Kumar	784	1588
103	To study the surgical outcomes of single stage hypospadias repair in penile hypospadias patients	Dr Dheeraj Kumar Postgraduate Senior Resident in MCh (Urology)	Dr N. Anil Kumar	785	1589
104	A study to predict the outcome of optical interna urethrotomy for short segment bulbar stricture	Dr Somu Sumegha Malika Postgraduate Senior Resident in MCh (Urology)	Dr N. Anil Kumar	786	1590

The MBBS, MSc, MPT Students and Research Scholars of the University and neighboring / institution, Universities have submitted their protocols for clearance in the IEC.

S. No.	IEC No.	Title	Submitted by	Guide
1	1431	A Quasi Experimental study on rabies awareness among students in a medical college in Tirupati, Andhra Pradesh	P. Sri Sai Githa MBBS Internee Dept. of Community Medicine	Dr Prathyusha TVD
2	1439	A cross sectional observational study on clinic-epidemiological and mycological aspects of tinea incognito in a tertiary care teaching hospital	M. Prithvi Teja M. Sireesha S. Chaitanya, Y. Navya Pharma D V year Sree Vidyanikethan College of Pharmacy (SVCP)	Dr Surekha .A
3	1440	A prospective observational study to assess the hematological toxicities of concurrent chemoradiation therapy in patients with locally advanced cancers in a tertiary care teaching hospital	G. Akhil Rayal, K. Aarthi, M. Chandana, M. Sunitha, Pharma D V year, SVCP	Dr Pranabandhu Das
4	1441	A prospective observational study on medication errors among surgical gastroenterology inpatients in tertiary care hospital	G. Karishma, P. Priya, N. Revanth Yadav, S. Bushra, S. Nithya Pharma D V year SVCP	Dr G. Siva Rama Krishna

Annual Report 2023

TPAC No.	IEC No.	Title	Submitted by	Guide
5	1442	A cross-sectional and observational study on drug utilization and prescribing patterns of antibiotics in lower respiratory tract infections in a tertiary care teaching hospital SVIMS	B. Hari Krishna, S. Laya, V. Saranya, O. Sudheer, Y. Pooja Kumari Pharma D V year SVCP	Dr Mounica Sai
6	1443	A retrospective observational study to assess outcomes in pregnant women with cardiac complications in obstetrics and gynecology tertiary care center, Tirupati, India	E. Himaja, G. Vidhyananda Reddy G. Lokesh, S. Shabana Pharma D V year SVCP	Dr J. Malathi
7	1444	A cross sectional observational study of adverse drug reactions among patients in nephrology department at a tertiary care teaching hospital	M. Bharat Rao, D. Sushma, O. Pujitha, P. Tharaka Lakshmi, CH Shiva Jyothi Pharma D V year SVCP	Dr R. Ram
8	1450	Obesity as a prognostic factor in acute pancreatitis in Indian population	Prerna 3rd year MBBS SVIMS-SPMCW	Dr V. Venkatarami Reddy
9	1451	Sleep deprivation and risk of type 2 diabetes mellitus	Bheemi Reddy Jhansi 3rd year MBBS SVIMS-SPMCW	Dr Alok Sachan
10	1452	A cross sectional study of awareness of reproductive health among female adolescents in rural area	Dr Anju D Ade	
11	1453	Study on association between dietary habits and personal hygiene with nutritional status among high school children in Tirupati	Bhuvaneswari Thallapaka 3rd year MBBS SVIMS-SPMCW	Dr G. Visweswara Rao
12	1454	Effect of virtual reality training on hand function in subjects with stroke: A randomized controlled trail	M. Govindu Naik Research Scholar Dept. of Physiotherapy	Dr V. Srikumari
13	1455	Role of fetal echocardiography in an unselected group of pregnant women for prenatal detection of cardiac malformations, correlation with postnatal echocardiography	A.R. Gayathri MSc (Echocardiography) SVIMS	Dr V. Vanajakshamma
14	1467	Effectiveness of resistance tube training on upper body power and upper limb skeletal muscle mass among male recreational volleyball players	K. Kushwant MPT –II year College of Physiotherapy	Dr A. Viswanath Reddy

Sri Venkateswara Institute of Medical Sciences

TPAC No.	IEC No.	Title	Submitted by	Guide
15	1468	Effectiveness of Speed, Agility and Quickness (SAQ) training on speed, agility and lower body power among the female recreational Kho-Kho players	G. Kiran Kumar MPT –II year College of Physiotherapy	Dr A. Viswanath Reddy
16	1469	Effect of tabata training on cardio-respiratory fitness and muscular endurance among male recreational volley ball	SK. Seema MPT –II year College of Physiotherapy	Dr A. Viswanath Reddy
17	1470	A study on psychological status of young patients with coronary Artery Disease and effect of educational intervention on their mental health and well being	Harshita Hooda III year, MBBS SVIMS-SPMCW	Dr V. Vanjakshamma
18	1471	Comparison of relative frequency, stroke subtypes and short-term outcome between diabetic vs non-diabetic patients with acute ischemic stroke: A hospital-based study	Bhavna Pandey III year, MBBS SVIMS-SPMCW	Dr R. Nandhagopal
19	1472	Comparative assessment of cardio metabolic risk factors in pre and post menopausal women	Sivapriya Pera III year, MBBS SVIMS-SPMCW	Dr Harini Devi .N
20	1473	Assessment of Rural and Urban differences regarding perceived reproductive and sexual health needs and service utilization among In-school adolescents in Tirupati district of Andhra Pradesh	Yamini Kalle Final MBBS SVIMS-SPMCW	Dr Ravi Sankar .D
21	1474	Assessment of undernutrition using the Composite Index of Anthropometric Failure (CIAF) among preschool children in rural areas: A baseline study for intervention	Vamsi Priya Mandalam IV year MBBS SVIMS-SPMCW	Dr G. Visweswara Rao
22	1475	Out of pocket expenditure in accessing healthcare and catastrophic health expenditure in non-dialysis and dialysis dependent patients of chronic kidney disease: A comparative study	Maniyam Vishnu Sree Sai IV year MBBS SVIMS-SPMCW	Dr D.S. Sujith Kumar
23	1477	A comparative study on the analgesic efficacy of ultrasound-guided bilateral pecto-intercostal fascial block with an ultrasound-guided caudal block in pediatric patients undergoing congenital cardiac surgeries – A randomised double blind study	Dr Valaji Joshna PDCC/PDF Paediatric Cardiac Anaesthesia Sri Padmavathi Children’s Heart Centre, TTD	Dr Thanigai Arasu
24	1531	Association between maternal vitamin D status and adverse pregnancy outcomes among South Indian pregnant women	P. Sreekanth Ph.D Scholar Dept. of Biochemistry	Dr Aparna R Bitla

Annual Report 2023

TPAC No.	IEC No.	Title	Submitted by	Guide
25	1532	To study the effect of end range mobilization with scapular mobilization on pain, range of motion, joint space and functional disabilities in adhesive capsulitis individuals with type 2 diabetes mellitus – Randomized controlled trial	C.S. Hemalatha Ph.D Scholar College of Physiotherapy	Dr C. Shanthi
26	1533	Prevalence of refractive errors and other ocular conditions among siblings presenting to a tertiary eye hospital in Andhra Pradesh	Dr G. Priyanka DNB Resident S.V. Aravind Eye Hospital, Tirupati	Dr Sathya T. Ravilla
27	1534	Comparison of ocular biometry values between IOL master 500 and IOL master 700 in patients undergoing cataract surgery	Dr K. Archana DNB Resident S.V. Aravind Eye Hospital, Tirupati	Dr Sathya T. Ravilla
28	1535	Evaluation of clinical and demographic profile of patients presenting with neovascular glaucoma to tertiary eye care hospital in Andhra Pradesh	Dr M.V. Bhavana DNB Resident S.V. Aravind Eye Hospital, Tirupati	Dr Y.C. Venugopal Reddy
29	1536	Comparative study of the safety and efficacy of topical 0.1% NEPAFENAC eye drops with topical 1% PREDNISOLONE ACETATE eye drops in patients undergoing Nd:YAG laser posterior capsulotomy	Dr Chandra Sreelatha DNB Resident S.V. Aravind Eye Hospital, Tirupati	Dr Ashok Vardhan
	1537	Effectiveness of motor control exercises with interferential therapy on pain and functional activities among the subjects with non specific low back pain	G. Rambabu MPT – II year College of Physiotherapy	Dr C. Shanthi
	1538	Effect of swiss ball exercises over conventional exercises on pain, strength and functional activities among the subjects with knee osteoarthritis: A randomised control trial	D. Priyanka MPT – II year College of Physiotherapy	Dr C. Shanthi
	1539	Effectiveness of laser therapy with mckenzie exercises on pain, range of motion and functional activities in subjects with mechanical neck pain among physiotherapy students	A. Priyanka MPT – II year College of Physiotherapy	Dr C. Shanthi
	1540	Effectiveness of chair aerobics vs theraband exercises on pain, muscle power and range of motion in subjects with osteoarthritis of the knee	M. Sesha Aishwarya MPT – II year, College of Physiotherapy	Dr K. Senthil Kumar
	1541	Effectiveness of upperlimb aerobic exercises on shoulder range of motion, pain and functional activities in subjects with modified radical mastectomy	V. Mrudhula Sree MPT – II year College of Physiotherapy	Dr K. Senthil Kumar

Sri Venkateswara Institute of Medical Sciences

TPAC No.	IEC No.	Title	Submitted by	Guide
	1542	Effectiveness of laser therapy versus ultrasound therapy along with kinesiотaping on pain and neck ROM in subjects with unilateral upper trapezitis	G. Lakshmi Manasa MPT – II year College of Physiotherapy	Dr K. Senthil Kumar
	1543	A prospective randomised study to compare the effect of GONG'S mobilization with PNF techniques on pain, ROM and QOL in subjects with grade 2 periarthritis shoulder	P. Nikhitha MPT – II year College of Physiotherapy	Dr S. Raghava Krishna
	1544	Effect of box taping vs stretchings and strengthening of anterior shoulder structures on pain, ROM and scapular position in subjects with rounded shoulders	B. Swarna Rekha MPT – II year College of Physiotherapy	Dr S. Raghava Krishna
	1545	Effectiveness of aerobic exercises on BMI, physical activity and menstrual distress level in young adults with irregular and regular menstruation	A. Thejaswani MPT – II year College of Physiotherapy	Dr M. Suresh Kumar
	1546	Effectiveness of early mobilization on pain, single leg stance time, hip range of motion in subjects among post total hip arthroplasty/replacement – A prospective randomized study	S. Archana MPT – II year College of Physiotherapy	Dr S. Raghava Krishna
	1547	Comparision of incentive spirometer vs balloon blowing on pulmonary function in post surgical upper abdominal conditions	K. Sushmitha MPT – II year College of Physiotherapy	Dr N. Kavitha
	1548	Compare the effect of pilates exercise versus yoga asanas on pain, stress and physical activity in young female students with primary dysmenorrhoea	Shaik. Umeera MPT – II year College of Physiotherapy	Dr S. Suresh Kumar
	1549	Effect of Medical Qigong therapy on fatigue and functional activity in buccal mucosa cancer individuals undergoing radiation therapy	A. Bindu Lahari MPT – II year College of Physiotherapy	Dr N. Kavitha
	1550	Compare the effect of oropharyngeal exercises vs deep breathing exercises training on snoring intensity, frequency and sleep quality in snoring audlts	M. Praveen Kumar MPT – II year College of Physiotherapy	Dr S. Suresh Kumar
	1551	Compare the effect of oropharyngeal exercises vs deep breathing exercises training on snoring intensity, frequency and sleep quality in snoring audlts	V.V. Bhavana MPT – II year College of Physiotherapy	Dr S. Suresh Kumar

Annual Report 2023

TPAC No.	IEC No.	Title	Submitted by	Guide
	1552	A prospective study to evaluate the effect of kendall exercises and respiratory exercise on Normalized Scapular Abduction ratio (NSA) and chest expansion among rounded shoulder posture in young female smart phone users	D. Hyndavi MPT – II year College of Physiotherapy	Dr N. Kavitha
	1553	Effectiveness of cardiac rehabilitation on depression, appetite and activities of daily living in post operative valve replacement individuals	G. Sushmitha MPT – II year College of Physiotherapy	Dr K. Madhavi
	1554	Incidence and prevalence patterns of ENT diseases in a tertiary care hospital	P.R. Ginnis Kumari P. Dinesh, NR Sanjay Kumar Shaik Jakeer Pharm D V year Seven Hills College of Pharmacy (SHCP), Tirupati	Dr S.B. Amarnath
	1555	A prospective observational study on influence of dietary components associated with causation and prevention of gastrointestinal cancers	J. Pravallika, K. Harini K. Preethi, MC Sai Harshitha Pharm D V year SHCP, Tirupati	Dr D. Bhargavi
	1556	Assessment of the effect of pharmacist-Led education program on Medication Adherence and Glycaemic control in a community – setting	S. Maheswari, B. Sruthi Selva Kumari Suresh Sake, T. Shamitha Pharm D V year SHCP, Tirupati	Dr K. Uma Maheswara Rao
	1557	A study on quality of life and pruritus among chronic kidney disease -5D patients on dialysis	E.R. Giridhara Kishore B. Sree Vidhya, B. Dinesh, G. Likitha Pharm D V year SHCP, Tirupati	Dr R. Ram
	1558	A questionnaire based survey on insulin therapy among diabetes mellitus patients in a tertiary care teaching hospital	S. Gayathri, G. Harish Nath, G. Sonia, S.V. Hemavarshini Pharm D V year SHCP, Tirupati	Dr Alok Sachan
	1559	Assessment of risk factors and knowledge attitude perception of PCOS in women	N. Triveni Sanjana P. Ditesh, P. Mounika P. Pradeepa Pharm D V year SHCP, Tirupati	Dr J. Malathi

Sri Venkateswara Institute of Medical Sciences

TPAC No.	IEC No.	Title	Submitted by	Guide
	1560	A prospective observational study on knowledge, attitude and practice assessment on renal calculi patients in tertiary care hospital	M. Ravi, M. Mukunda Priya M. Usha, M. Naveen Kumar Pharm D V year SHCP, Tirupati	Dr N. Anil Kumar
	1561	Challenges facing in implementation of antimicrobial stewardship in a tertiary care hospital	V. Thenna Rasi, D. Thiruvarangan V. Sai Sreekar, V. Lavanya Pharm D V year SHCP, Tirupati	Dr R. Jayaprada

Medical Research Committee (MRC)

In order to reorient and for strengthening research activities and utilization of Scientific Research Funds in SVIMS under the Sri Balaji Arogya Varaprasadini Scheme (SBAVP) the existing Research Committee is reframed as “Medical Research Committee”.

The committee is constituted with the following members.

S.No	Member of the Research Committee	
1.	Director-cum-VC	Chairperson
2.	Dr D. Rajasekhar, Sr. Professor of Cardiology	Convener
3.	Addl. F.A. & C.A.O, TTD	Permanent Special Invitee
4.	Dean	Ex-officio Member
5.	Registrar	Ex-officio Member
6.	Chief Accounts Officer	Ex-officio Member
7.	Dr Alok Sachan, Prof. & HoD of Endocrinology	Scientific Expert
8.	Dr V.V. Ramesh Chandra, Prof. & HoD of Neurosurgery	Scientific Expert
9.	Dr Aparna R Bitla, Prof. & HoD of Biochemistry	Scientific Expert
10.	Dr K. Madhavi, Principal, College of Physiotherapy	Scientific Expert
11.	Dr P. Sudha Rani, Principal, College of Nursing	Scientific Expert

For the year 2022, 31 proposals (Sl.No. 616 to 646) were assessed. The Faculty of SVIMS have submitted agendas in the Medical Research Committee.

Annual Report 2023

For the year 2023, 30 proposals (Sl.No. 647 to 676) were assessed. The Faculty of SVIMS have submitted agenda in the Medical Research Committee.

RC No.	Research Proposal	Submitted by
647	Dosimetry and clinical outcomes of tandem ring versus tandem ovoids intracavitary brachytherapy applicators in the treatment of carcinoma cervix – A randomised study	Dr B.V. Subramanan Professor & HoD Dept. of Radiotherapy
648	CUSA versus electrical diathermy for pancreatic transaction: Impact on postoperative pancreatic fistula	Dr Venkatarami Reddy .V Professor & HoD Dept. of Surgical Gastroenterology
649	Ultracision harmonic scalpel (UHS) versus Cavitron Ultrasonic Surgical Aspirator (CUSA) as liver parenchymal transaction techniques in liver resections: A prospective randomized study	
650	CUSA versus Kelly's clamp crush technique as liver parenchymal transaction techniques in liver resections: A prospective randomized study	
651	Role of Intra Operative Ultrasonography (IOUS) to define surgical resection margin of hepatectomy in hepatocellular carcinoma	
652	A study on performance of the Osteoporosis Self assessment Tool for Asians (OSTA) score as a screening tool for osteoporosis among the postmenopausal women	Dr Alok Sachan Professor & HoD Dept. of Endocrinology
653	Subgroups of adult onset type 2 diabetes mellitus in South Indian population	
654	A prospective study to evaluate the association between symptomatic hypocalcemia and parathormone levels in patients undergoing total thyroidectomy	Dr Manilal .B Assoc. Professor Dept. of Surgical Oncology
655	Influence of DPYD genetic variants on gastrointestinal and breast cancer patients with fluoropyrimidines (5-FU or Capecitabine) –based chemotherapeutic regimens in a tertiary care cancer centre in South India	Dr K. Umamaheswara Rao Professor & HOD Dept. of Pharmacology
656	Assessment of prevalence of cardiac autonomic neuropathy and its association with serum interleukin 6 levels among type 2 diabetes mellitus patients	Dr Arpana Bhide Assoc. Professor Dept. of Physiology SVIMS-SPMCW
657	Study of 3T magnetic resonance spectroscopy's (MRS) in diagnosis and differentiation brain lesions	Dr B. Vijaya Lakshmi Devi Professor & HoD Dept. of Radiology
658	Role of diffusion weighted MR imaging in the preoperative assessment of endometrial cancer	
659	The effects of selected natural compounds on gene expression in type II pneumocytes of the lungs exposed to PM 2.5, a causative agent of chronic obstructive pulmonary disease	Dr PVGK Sarma Assoc. Professor Dept. of Biotechnology

Sri Venkateswara Institute of Medical Sciences

RC No.	Research Proposal	Submitted by
660	Association of screening markers of ovarian cancer risk with glycaemic control in patients with type 2 diabetes mellitus	Dr N. Harini Devi Assoc. Professor Dept. of Biochemistry
661	Construction of 3rd and 4th floors over existing Central Library building for clinical Research Centre at SVIMS	Dr Ram Medical Superintendent, SVIMS
662	Effectiveness of dexmedetomidine versus propofol infusion for sedating oral cancer patients undergoing elective awake fiberoptic nasal intubation: A prospective, randomized, comparative, active control study	Dr R. Sri Devi Asst. Professor Dept. of Anaesthesiology and Critical care
663	A comparison of bonfils intubation fiberscope with C-MAC D-Blade video laryngoscope for tracheal intubation in patients with difficult airway	Dr Aloka Samantaray Professor & HoD, Dept. of Anaesthesiology and Critical care
664	Evaluation of cancer awareness and screening programme – An Implementation Research in Tirupati District, Andhra Pradesh	Dr Kondagunta Nagaraj Professor & HoD Dept. of Community Medicine
665	Awareness, lifestyle, prevalence of risk factors of cardiovascular diseases among rural adults of Tirupati, Andhra Pradesh	Dr Anju D Ade Professor Dept. of Community Medicine
666	Study of tumour budding as a histopathological marker and prognostic tool in gastric carcinomas	Dr N. Rukmangadha Professor & HoD Dept. of Pathology
667	Clinicopathological and microbial culture evaluation of fungal infections related to COVID -19; An institutional experience	
668	Comparison of Tumor infiltrating lymphocytes density with histopathological and prognostic parameters in oral squamous cell carcinomas	
669	Prevalence of stromal tumor infiltrating lymphocytes in invasive breast carcinoma	
670	Assessment of venous invasion in colorectal carcinoma using elastin stain: A simple technique to detect an under reported yet important prognosticator	
671	A study comparing clinical efficacy & cost effectiveness for CKD patients who received treatment via Tele-Nephrology & through conventional system	Dr Ram Professor & HoD Dept. of Nephrology
672	Next generation sequencing to ascertain genetic diversity of dengue virus	Dr Usha Kalawat Prof. & Head Dept. of Clinical Virology
673	Diagnostic accuracy of dual energy CT in detection and prognostication of breast carcinoma	Dr B. Vijayalakshmi Devi Prof. & Head, Dept. of Radiology

Annual Report 2023

RC No.	Research Proposal	Submitted by
674	Diagnostic performance of mammography (Digital breast tomosynthesis) in the interpretation of BIRADS score in screening and diagnostic settings	Dr Silpa Kadiyala Assoc. Professor Dept. of Radiology
675	Ethanol sclerotherapy for venous malformation	Dr Amitha Vikrama K.S Asst. Professor Dept. of Radiology
676	Planning, designing and commissioning of a modern CSSD in a tertiary care hospital – A need of the hour	Dr R Jayaprada Professor Dept. of Microbiology



II. PATIENT CARE SERVICES



II. Patient Care Services

1.0 Out-patient and in-patient services:

The out-patient services are provided on all days (except Sunday and some national holidays) with registration time from 7.00 am to 11.00 am. In addition to out-patient services, special clinics are run by various departments weekly. Similarly, monthly free clinics are also being conducted for the benefit of the poor patients.

The Medical Records Department (MRD) facilitates the registration of patients to enable them to avail facilities under out-patient and in-patient services. The patients coming to the hospital for emergency care can get registered uninterruptedly round the clock near the casualty. Patients belonging to below poverty line status can avail free registration and consultation. Such patients are identified and categorized through a single window entry system at the Medical Records Department. Each patient is allotted a unique hospital number which is valid for both out-patient and in-patient services.

Out-patient services (7 am – 11 am)

S.No.	Departments	Days	Room No.	Place	
1	Cardiology	Mon to Sat	18 & 19	Sri Padmavathi OPD Block	
2	Community Medicine/ Wellness / Non Communicable Diseases	Mon to Sat	18	SVIMS Clinic	
3	C.T.Surgery	Mon to Sat	16	Sri Padmavathi OPD Block	
4	Medical Gastroenterology	Tue & Fri	41		
5	Medicine - I & IV	Mon & Thu	25 & 26		
6	Medicine - II & V	Tue & Fri			
7	Medicine - III & VI	Wed & Sat			
8	Nephrology	Mon,Wed, Fri	35, 36 & 37		
9	Neurology	Mon to Sat	21,22 & 23		
10	Neurosurgery	Mon,Wed, Fri	27 & 28		
11	Plastic Surgery	Mon,Wed, Fri	31		
12	Pre-Anaesthesia check-up	Mon to Sat	17		
13	Surgical Gastroenterology	Mon to Sat	39, 40, 41 & 42		
14	Urology	Mon to Sat	29 & 45		
15.	Dental	Mon to Sat	19		SPMC (W), Hospital
16.	Dermatology	Mon to Sat	22		
17.	Endocrinology	Mon to Sat	18		
18.	E.N.T.	Mon, Wed, Fri	12		
19.	General Surgery - I	Mon & Thu	15		
20.	General Surgery - II	Tue & Fri			
21.	General Surgery - III	Wed & Sat			

Annual Report 2023

22.	Medical Oncology	Mon to Sat	16	
23.	Medicine - VII	Mon to Sat		
24.	Obstetrics & Gynaecology	Mon to Sat	17	
25.	Ophthalmology	Mon to Sat	14	
26.	Paediatrics	Mon to Sat	13	
27.	Psychiatry	Mon to Sat	16	
28.	Radiation Oncology	Mon to Sat	11	
29.	Surgical Oncology - I	Tue, Thu, Sat	9	
30.	Surgical Oncology – II	Mon, Wed, Fri	20	
31.	TB & RD	Mon to Sat		
SUNDAY - HOLIDAY				

Services not available in SVIMS: Family Medicine, Orthopaedics (Treated At BIRRD) & Burns

SPECIAL CLINICS

S.No.	Departments	Days	Room No.	Timings	Place
1	Master Health Checkup	Mon to Sat	25	7:00 - 11:00 am	Sri Padmavathi OPD Block
2	Breast Clinic	Monday	16	7:00 - 11:00 am	SPMC (W), Hospital
3	Juvenile Diabetic Clinic	2nd Saturday	18	7:00 - 11:00 am	
4	Paediatric Endocrinology	Tuesday		7:00 - 11:00 am	

EVENING- SPECIAL CLINICS

S.No.	Departments	Days	Room No.	Timings	Place
1	Cardiology	Mon to Sat	18	4:00 - 6:00 pm	Sri Padmavathi OPD Block
2	Director's Special Clinic/ CT Surgery		16		
3	General Surgery		22		
4	Medicine		25		
5	Nephrology		36		
6	Obstetric & Gynaecology		29		
7	Paediatric		17		
8	Psychiatry		21		

SUNDAY CAMPS*

S.No.	Departments	Days	Room No.	Timings	Place
1	Endocrinology	II Sunday	18	7:00 - 11:00 am	SPMC(W) Hospital
2	Epilepsy	III Sunday	21,22 & 23		Sri Padmavathi OPD Block
3	Hypertension Clinic	Last Sunday	18 & 19		
4	Prosthetic Valve Clinic				

** Registration fee exempted for WRC holders*

OTHER SERVICES

S.No.	Departments	Days	Room No.	Timings	Place
1	Dietetics	Mon to Sat	46	9:00 - 4:00 pm	Sri Padmavathi OPD Block
2	Physiotherapy	Mon to Sat	-		College of Physiotherapy
3	Obesity	Mon to Sat	-		

SERVICES NOT AVAILABLE

Family Medicine, Orthopaedics (treated at BIRRD) & Burns

No Queue system

Mobile phone technology is used to facilitate the patients to fix their appointment time for OP consultation by using No "Q" system.

Using NoQ System

1. Avoid standing in 'Q' for today's repeat registration.
2. Send SMS to 9248080250.
3. Type noq<space>department name <space> hospital number

Example: noq card 66666

Note :

1. This facility can be availed within 15 days from the date of first consultation/ renewal for repeat registration patients.
2. Using SMS is for current registration only & not for fixing appointment for future dates.
3. Patients requiring renewal can also send SMS, but need to register at MRD.

Department Keywords (SVIMS)

Cardiology	card	Medicine	med
CT Surgery	ct	Medical Oncology	mo
Gastroenterology	ge	Surgical Oncology	so
Neurology	neuro	Radiation Oncology	ro
Neurosurgery	ns	Breast Clinic	bc
Nephrology	neph	Urology	uro
Medical Gastroenterology	mge	plastic surgery	ps

Department Keywords (SPMCWH)

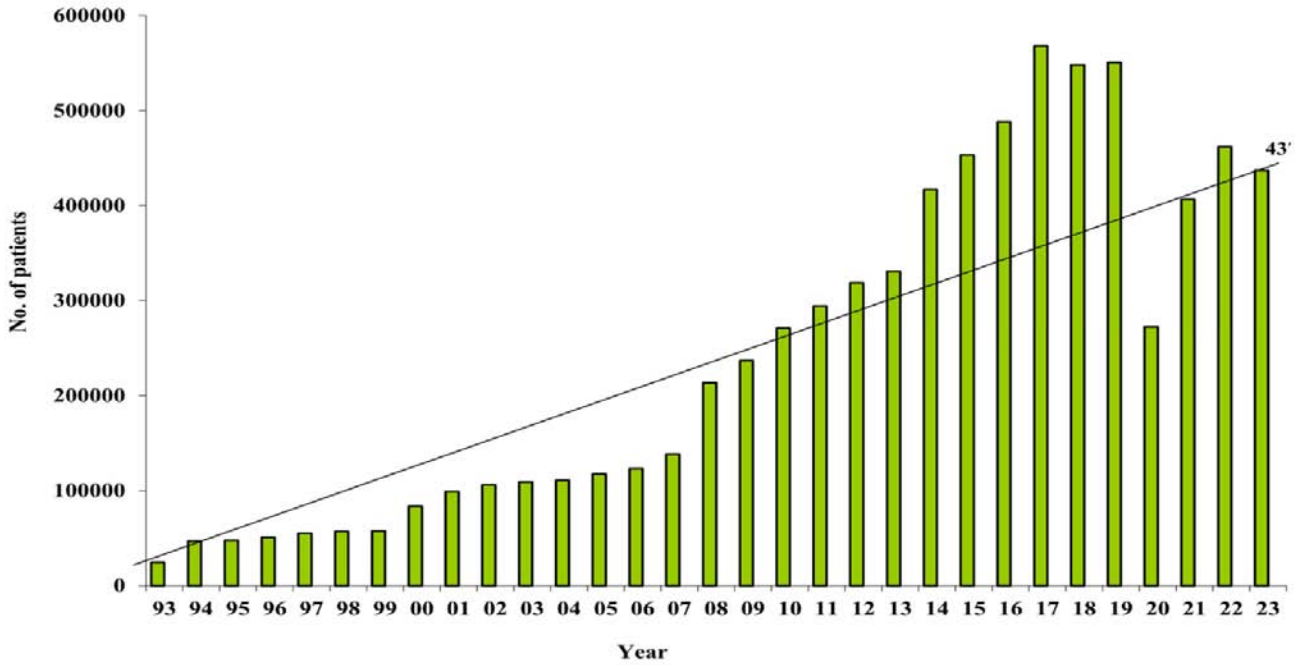
Endocrinology	endo	General Surgery	gs
Rheumatology	rh	Dental	den
Haematology	haem	TB & RD	tb
psychiatry	psy	Ophthalmology	oph
Dermatology	dvl	Pediatrics	pae
ENT	ent	Gynecology	obg

1.1 SVIMS Clinic

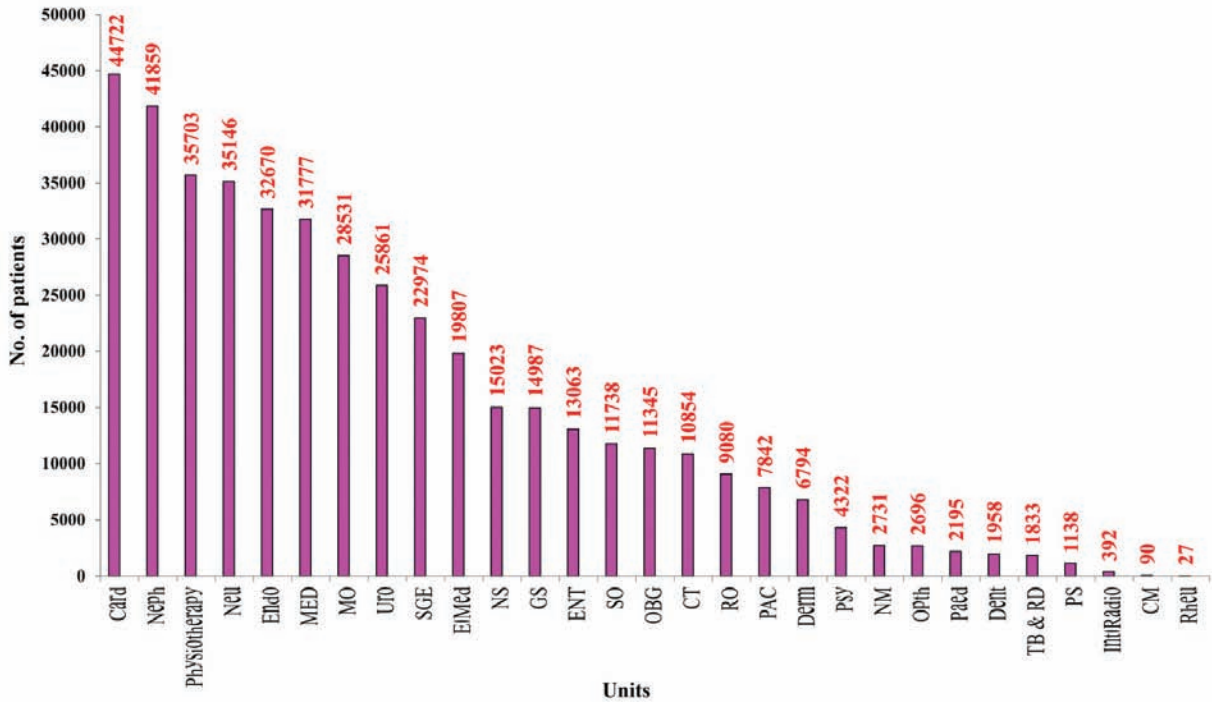
A separate clinic operates beside SVIMS OPD block with all Super Specialties and Medicine department exclusively for the patients registered under TTD, Working Journalist health scheme and SVIMS staff with their dependents and students of SVIMS University. The clinic provides central lab test facility, ECG, ECHO, X-Ray and Admission office during all working days between 7 am to 11 am and has sufficient patient/attendant waiting space.

Annual Report 2023

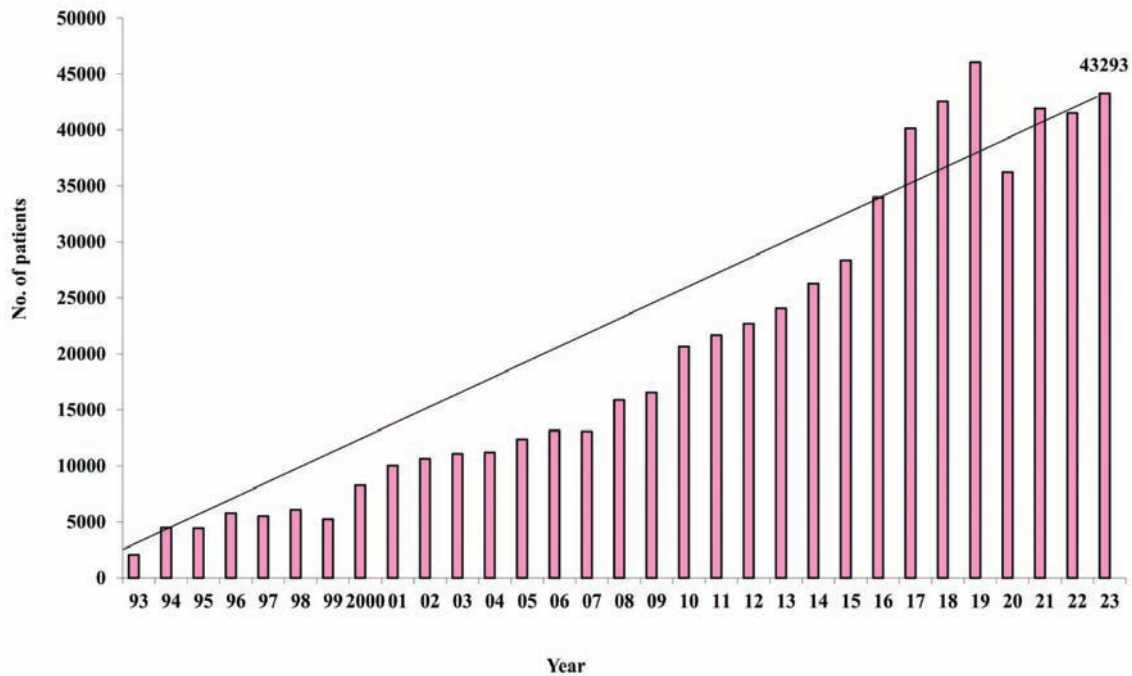
Yearly flow of out-patients (1993 - 2023)



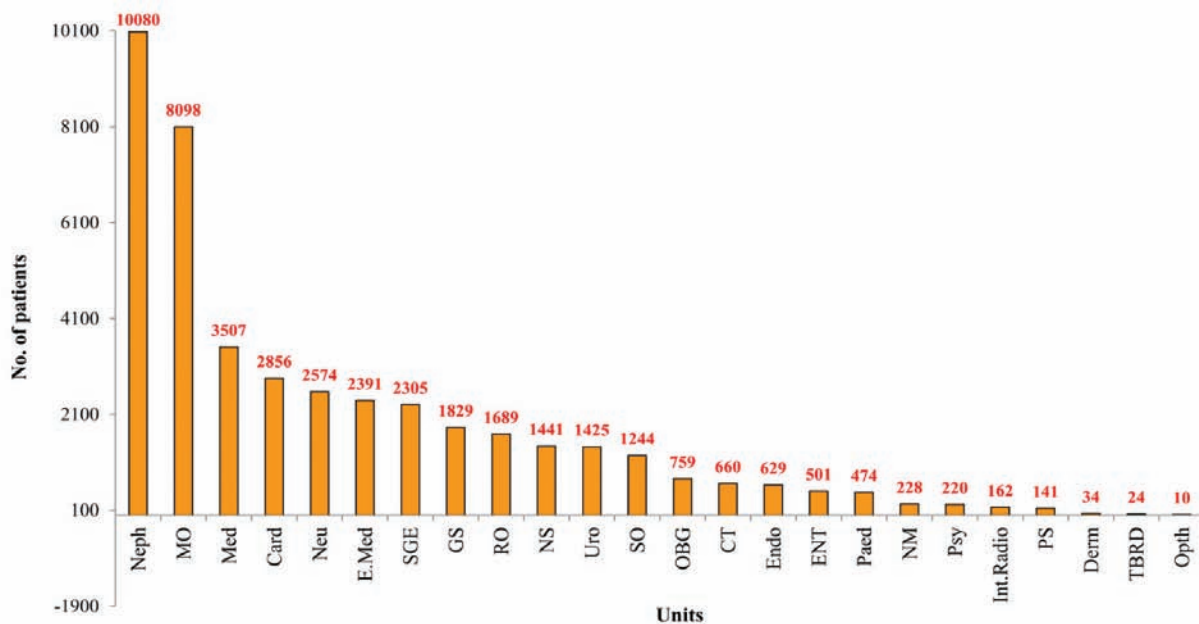
Department wise Out-patient Statistics 2023



Yearly flow of in-patients (1993 – 2022)



Department wise in-patient statistics 2023



Annual Report 2023

Laboratory – wise investigation statistics (1993-2023)

S. No.	Department	No. of Investigations
1	Biochemistry	1,14,63,839
2	Haematology	1,03,55,271
3	Microbiology	24,76,615
4	Radiology	21,24,847
5	Blood Bank	17,87,424
6	VRDL (C-Far Lab)	17,84,603
7	Clinical Pathology	17,43,646
8	Cardiology	16,62,797
9	Endocrinology	10,03,373
10	Dialysis	8,36,381
11	Pathology	3,14,611
12	HIC (MB)	1,25,932
13	Neurology	97,155
14	Nuclear Medicine	68,232
15	Gastroenterology	63,898
16	PFT	46,090
17	Urology	22,854
18	C.T.Surgery	13,792
19	Dental	9,014
20	Psychiatry	867
21	DVL	317
	Total	3,60,01,558

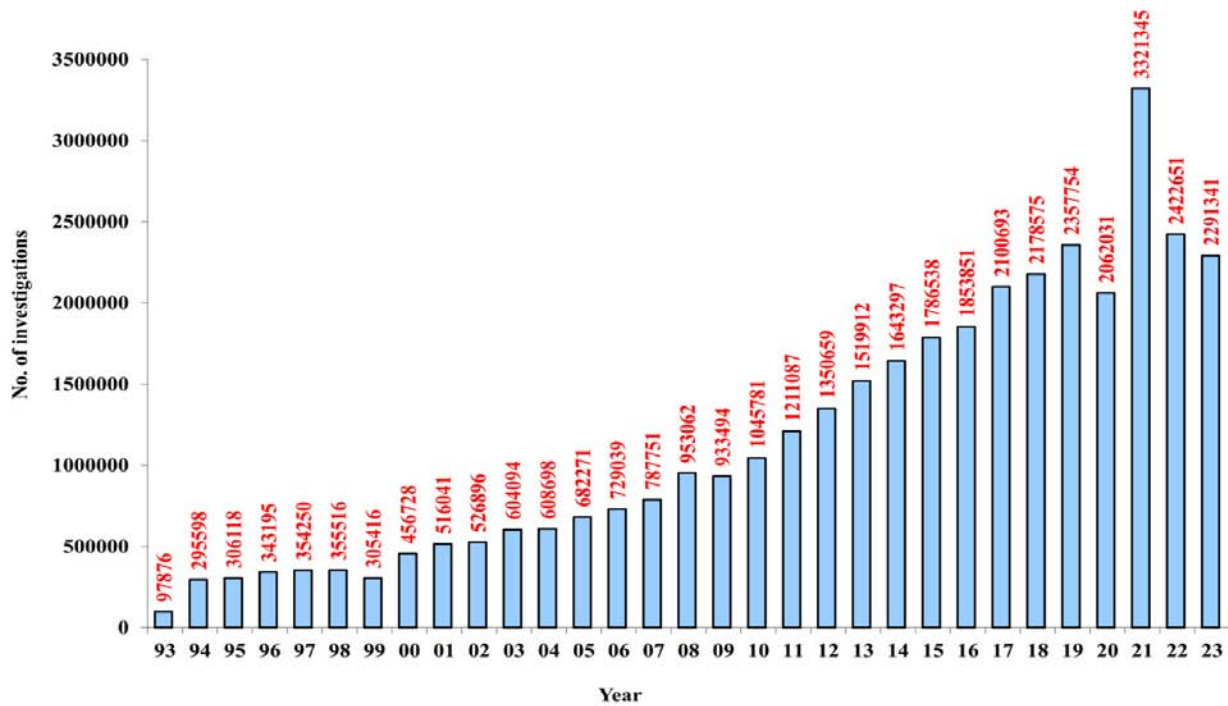
Laboratory – wise investigation statistics (2023)

S. No.	Department	No. of Investigations
1	Biochemistry	6,63,160
2	Haematology	6,44,690
3	Microbiology	1,61,259
4	Clinical Pathology	1,58,699
5	Cardiology	1,47,061
6	Radiology	1,29,496
7	Dialysis	1,17,976
8	Blood Bank	1,08,419
9	Endocrinology	75,593
10	VRDL (C-Far Lab)	39,832
11	Pathology	16,627
12	HIC (MB)	14,541
13	Nuclear Medicine	4,662
14	Neurology	3,867
15	Gastroenterology	2,543
16	PFT	1,247
17	Urology	846
18	Dental	563
19	DVL	207
20	Psychiatry	53
	Total	22,91,341

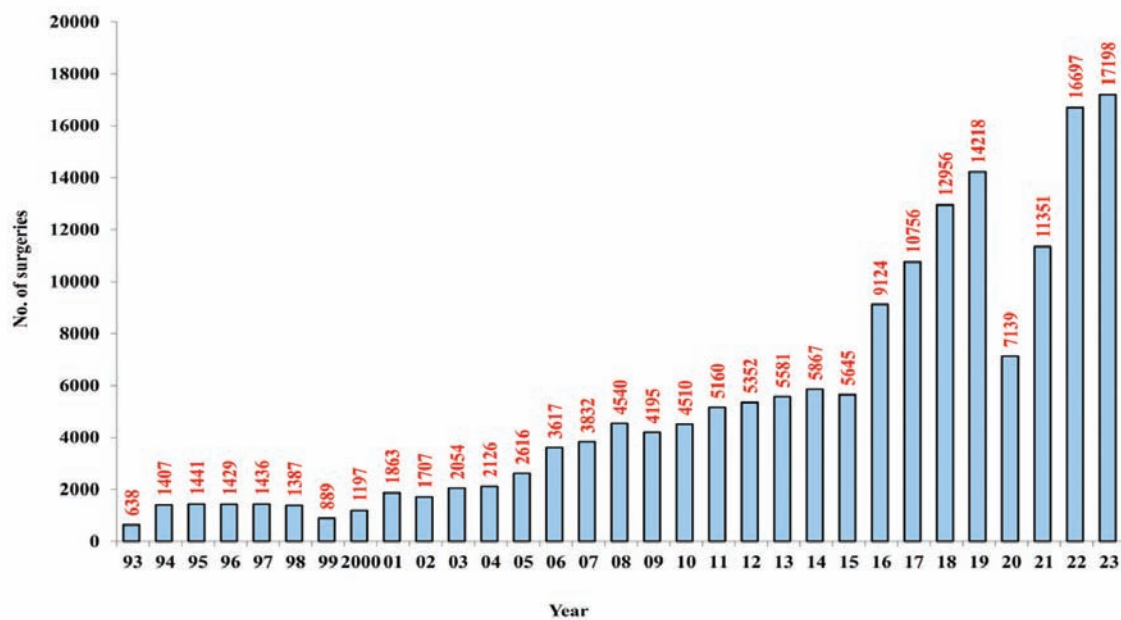
**Vital statistics
Comparison with 2022 & 2023**

S. No.	Vital Statistics	2020	2021	%
1	Bed occupancy rate	71.80	57.87	↓
2	Average length of stay	7.20	6.07	↓
3	Gross death rate	5.49	4.95	↓
4	Net death rate	2.87	2.61	↓
5	Monthly Average Bed Turnover rate	3.54	3.48	↓
6	Daily Average Inpatient census	703	601	↓

**Year wise No. of investigations / procedures
(1993-2023)**



**Year wise surgeries performed
(1993-2023)**

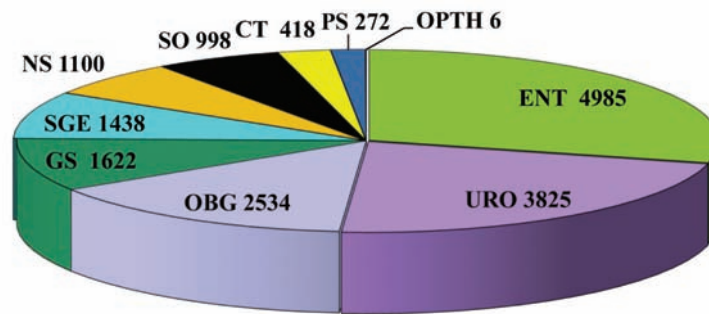


Annual Report 2023

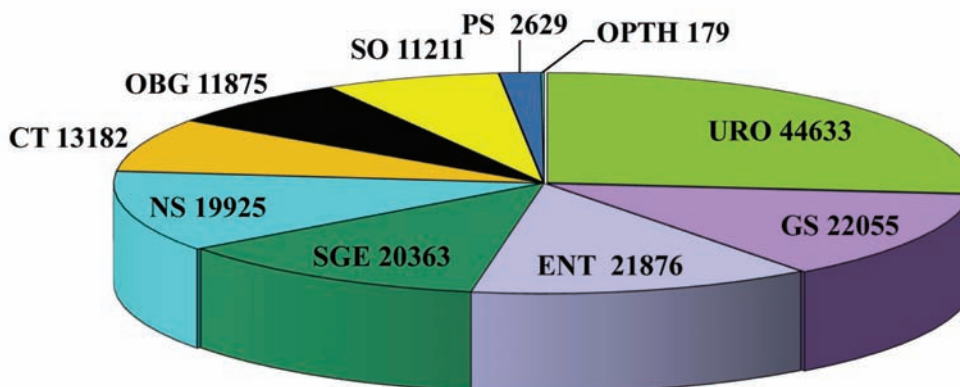
Monthwise laboratory investigations / procedures (in thousands) 2023



Total No. of Surgeries Performed 2023



Department wise surgery statistics 1993 – 2023



1.2 Dr. YSR Aarogyasri Scheme

The present Dr Y.S.R. Aarogyasri was started in August, 2007 by the Government of Andhra Pradesh Chief Minister Late Y S Rajasekhar Reddy as Rajiv Aarogyasri scheme. Later it was renamed as Dr N.T.R Vaidya Seva Scheme and further it is renamed as Dr YSR Aarogyasri scheme in June 2019.

Through the Dr Y.S.R Aarogyasri Scheme multi specialty health care is provided to patients below the poverty line. The scheme provides coverage for treatment of diseases of heart, lung, liver, bowel, pancreas, kidney, neurosurgery, pediatric congenital malformations, burns, post-burn contracture surgeries for functional improvement, prosthesis (artificial limbs), cancer treatment (surgery, chemotherapy, radiotherapy) and polytrauma (including cases covered under MV act). After separation of Andhra Pradesh & Telangana states, the name of the scheme has been changed to Dr Y.S.R Aarogyasri Scheme as per the abstract from Health, Medical & Family Welfare (I.1) dept. dt:17.12.2014. Now the scheme covers around 2059 packages /procedures



Dr Y.S.R. Aarogyasri Scheme review Committee was constituted with the following members

- | | | |
|----|--------------------------|------------|
| 1. | The Director-cum-VC | - Chairman |
| 2. | Medical Superintendent | - Member |
| 3. | Heads of the Departments | -Members |
| 4. | Resident Medical Officer | - Member |
| 5. | Chief MEDCO | -Member |
| 6. | Accounts Officer | -Member |

For effective implementation of Dr Y.S.R Aarogyasri Scheme and for timely delivery of health care services to the poor, the Institute has established a separate office under the leadership of 04 Medical Coordinators (1 Senior MEDCO and 3 Junior MEDCOs), 01 Deputy Director, 01 Office Senior Assistant, 66 Data Entry Operators and 12 Sanitation workers apart from the Aarogya Mithras of the trust.

The Dr YSR Aarogyasri Scheme review committee meetings are held regularly on every month 2nd Thursday from 4:00pm to 5:00pm.

The institution is regularly conducting camps as per the schedule. The public relations department of SVIMS in consultation with district Co-coordinator of the trust

decides the venue for conduct of the camps. The details of camps conducted, number of patients screened, number of patients who underwent treatment, bills claimed and unclaimed from the government are as mentioned below.

Dr.YSR Aarogyasri Scheme Camps Conducted (Aug' 2007 – Dec' 2023)

S. No.	Period	No. of camps conducted	No. of patients screened	No. of patients referred
1	2007	19	4,952	391
2	2008	85	16,616	1307
3	2009	65	12,265	893
4	2010	48	8,269	560
5	2011	49	9,415	376
6	2012	18	6,138	600
7	2013	35	11,223	433
8	2014	39	10,716	366
9	2015	41	15,168	336
10	2016	48	14,321	286
11	2017	13	2,852	71
12	2018	11	2,119	67
13	2019	07	2,026	40
14	2020	02	1,392	26
15	2021	--	--	--
16	2022	--	--	--
17	2023	--	--	--
	Total	480	1,17,472	5,752

Surgeries conducted under Dr. YSR Aarogyasri Scheme (Aug' 2007 – Dec' 2023)

Period	C.T. Surgery	Neuro surgery	Urology	Surgical Oncology	Surgical GE	General Surgery	ENT	Obstetrics	Dental Surgery	Plastic surgery	Total
2007	5	11	2	4	3	0	-	-	-	0	25
2008	529	633	225	128	272	68	-	-	-	36	1,891
2009	483	541	292	245	491	110	-	-	-	59	2,221
2010	375	539	252	314	516	198	-	-	-	68	2,262
2011	427	484	472	318	463	103	-	-	-	41	2,308
2012	617	393	609	440	548	146	-	-	-	2	2,755
2013	675	364	601	509	658	183	-	-	-	0	2,990
2014	575	349	522	649	949	198	-	-	-	0	3,242
2015	549	195	453	583	754	287	-	-	-	0	2,821
2016	546	339	471	628	760	319	34	73	-	13	3,183
2017	521	656	836	599	916	534	133	73	-	18	4,286
2018	420	819	1037	569	884	493	99	76	-	24	4,421
2019	359	898	1077	578	942	497	75	181	-	22	4,629
2020	214	473	816	413	799	215	35	62	-	9	3,036
2021	249	735	1244	762	1146	864	156	264	33	22	5,475
2022	557	741	1373	1036	1501	1497	328	441	--	44	7,518
2023	587	815	1413	1166	1634	1905	313	454	01	40	8,328
Total	7,688	8,985	11,695	8,941	13,236	7,617	1,173	1,624	34	398	61,391

OP & IP statistics (Unit-wise flow)
(Aug' 2007 – Dec' 2023)
Unclaimed (Cashless Transactions)

S. No.	Unit	Unclaims			Grand Total OP&IP
		OP unclaim (New & repeat)	In unclaim		
			Total	Expired	
1	Cardiology	1,09,543	6143	38	1,15,686
2	C.T.Surgery	21,446	877	25	2,2,323
3	Dermatology	2	0		2
4	Emergency Medicine	923	24		947
5	Endocrinology	14	4		18
6	ENT Surgery	31	40		71
7	General Medicine	45	1	9	46
8	General Surgery	9,576	207		9,783
9	Hematology	2	0		2
10	Medical Oncology	97,970	438	9	98,408
11	Nephrology	1,69,890	34	2	1,69,924
12	Neurology	8,056	18	10	8,074
13	Neurosurgery	13,864	359	16	14,223
14	Obstetrics	14	10		24
15	Ophthalmology	4	0		4
16	Plastic Surgery	303	36	1	339
17	Radiation Oncology	26,693	524	10	27,217
18	Rheumatology	3,048	0		3,048
19	Surgical Gastroenterology	57,313	310	11	57,623
20	Surgical Oncology	25,881	254	1	26,135
21	TB & RD	5	0		5
22	Urology	38,325	195		38,520
	Grand Total	5,82,948	9,474	132	5,92,422

Sri Venkateswara Institute of Medical Sciences

Medical Management Cases conducted under Dr YSR Aarogyasri (Aug' 2007 – Dec' 2023)

Period	Cardiology	Nephrology	Medical oncology	Neurology	Eme. Medicine	Radiation oncology	Endocrinology	General medicine	Rheumatology	Anaesthesiology	Paediatrics	TB & RD	Covid-19	Mucor Mycosis	Nuclear medicine	Sari cases	Ophthalmology	Psychiatry	Dermatology	Radiology	Total
2007		0	0	0	0	0	--	--	--	--	--	--	--		--	--	--		--		7
2008	629	96	507	337	23	8	--	--	--	--	--	--	--		--	--	--		--		1,600
2009	1,182	142	992	885	89	564	--	--	--	--	--	--	--		--	--	--		--		3,854
2010	1,290	246	1,401	1,053	205	1,071	--	--	--	--	--	--	--		--	--	--		--		5,266
2011	1,299	325	1,582	1,162	235	1,446	--	--	--	--	--	--	--		--	--	--		--		6,049
2012	1,360	333	2,139	1,289	216	1,401	--	--	--	--	--	--	--		--	--	--		--		6,738
2013	1,505	472	3,641	1,211	210	1,235	--	--	--	--	--	--	--		--	--	--		--		8,274
2014	1,873	911	4,588	1,237	227	1,653	--	--	--	--	--	--	--		--	--	--		--		10,489
2015	1,794	799	5,723	1,278	196	2,156	--	--	--	--	--	--	--		--	--	--		--		11,946
2016	1,619	1,131	4,810	1,033	81	3,783	150	122	17	34	6	67	--		--	--	--		--		12,853
2017	1,926	3,174	5,957	1,372	218	4,352	193	132	43	37	19	01	--		--	--	--		08		17,432
2018	1,801	5,452	5,623	1,280	38	3,571	216	325	17	24	15	02	--		--	--	06		05		18,375
2019	2,274	7,292	6,078	1,612	--	3,483	207	879	26	13	35	--	--		--	--	--		04		21,903
2020	2,316	5,599	3,722	1,214	20	1,952	95	584	03	05	02	--	5,074		16	715	01		04		21,322
2021	3,454	5,648	6,037	1,848	88	2,620	137	2058	05	03	13	0	7,203	363	108	261	01		-		29,847
2022	3,387	6,688	8,319	2,220	--	3,321	172	2,137	--	01	60	--	567	08	312	--	--		34	34	27,260
2023	3,284	8,596	7,590	2,013	--	2,272	319	3,009	--	--	83	01	19	01	250	--	17	309	38	87	27,888
Total	31,000	46,904	68,709	21,044	1,846	34,888	1,489	9,246	111	117	233	71	12,863	372	686	976	25	343	93	87	2,31,103

OP & IP Statistics (Unit-wise flow) (Aug' 2007 – Dec' 2023) – Claim

S. No.	Unit	Claims			
		IP		OP follow-up for medicines	Grand total
		Total	Expired		
1	Anesthesiology	117	16	-	117
2	C T Surgery	7,688	637	9,133	16,821
3	Cardiology	31,000	881	38,376	69,376
4	Covid -19	12,863	2339	-	12,863
5	Dermatology	93	0	1	94
6	Dental	34	0	-	34
7	Emergency Medicine	1,846	927	77	1,923
8	Endocrinology	1,489	13	6	1,495
9	ENT	1,173	1	-	1,173
10	General Medicine	9,246	791	-	9,246
11	General Surgery	7,617	190	349	7,966
12	Medical Oncology	68,709	130	-	68,709
13	Mucor Mycosis	372	0	-	372
14	Nephrology	46,904	938	591	47,495
15	Neurology	21,044	1410	15,168	36,212
16	Neurosurgery	8,985	511	2,817	11,802
17	Nuclear Medicine	686	0	-	686
18	Obstetrics	1624	11	-	1,624
19	Ophthalmology	25	0	-	25
20	Pediatrics	233	0	-	233
21	Plastic Surgery	398	2	-	398
22	Psychiatry	343	0	-	343
23	Radiation Oncology	34,888	227	-	34,888
24	Radiology	87	5	-	87
25	Rheumatology	111	0	-	111
26	Sari Cases	976	286	-	976
27	Surgical Gastro.	13,236	555	207	13,443
28	Surgical Oncology	8941	204	-	8,941
29	TB & RD	71	1	-	71
30	Urology	11,695	51	310	12,005
	Grand Total	2,92,494	10,126	67,035	3,59,529

Annual Report 2023

SVIMS continued to be in the first place under Dr Y S R Aarogyasri Programme in the entire state under **“Best Performance Government Hospital”** category. The Director-cum-Vice Chancellor received the award from the Hon’ble Chief Minister of Andhra Pradesh at Hyderabad for this achievement during a function held on 30th October 2014. SVIMS has been recently awarded **“Eight Excellence Awards (8)”** for providing exceptional health care services to the patients. Again we have received **“Best Performing Government Hospital”** in the State of Andhra Pradesh in July, 2018".

1.3 Sri Venkateswara Pranadana Scheme

This scheme which was launched in November 2001 by Tirumala Tirupati Devasthanams, aims at providing succor to the needy by affording them free and the best medical care at the TTD – run hospitals. It aims at:

- i) Providing free medical facilities to poor patients afflicted with life-threatening diseases of the heart, kidney, brain, cancer etc.
- ii) Facilitating access to basic medical amenities like blood bank, artificial limbs, physiotherapy, tools and implants.
- iii) Pioneering R & D into diseases like chronic renal failure, hemophilia, thalassemia and cancer.
- iv) PET CT procedures

The list of cases treated under various specialties & number of patients admitted are furnished as mentioned below

Sri Venkateswara Pranadana Cases treated for the year 2023

S.No	Unit	New Admissions	Repeat Admissions	OP (N)	OP (R)	Total	Total Expired	Mortality Rate (%)
1	Anaesthesiology	0	0	0	0	0	0	0.00
2	Cardiology	7	0	0	0	7	0	0.00
3	C.T.Surgery	69	0	0	0	69	8	11.59
4	Endocrinology	1	0	0	0	1	0	0.00
5	General Surgery	11	0	0	0	11	3	27.27
6	Haematology	0	0	0	0	0	1	0.00
7	Medicine	65	0	0	0	65	13	20.00
8	Medical Oncology	10	0	18	0	28	3	10.71
9	Neurology	62	0	0	0	62	3	4.84
10	Neurosurgery	105	0	5	0	110	9	8.18
11	Nephrology	64	88	0	0	152	6	3.95
12	Plastic Surgery	2	0	0	0	2	1	0.00
13	Radiation Oncology	66	0	24	0	90	2	2.22
14	Surgical Gastroenterology	88	3	1	0	92	7	7.61
15	Surgical Oncology	16	0	47	0	63	3	4.76
16	Urology	3	0	0	0	3	0	0.00
17	OBG	4	0	0	0	4	1	25.00
18	BIRRD	0	0	0	0	0	0	0.00
19	Maternity	0	0	0	0	0	0	0.00
20	SVRRGGH	0	0	0	0	0	0	0.00
21	Nuclear Medicine	0	0	0	0	0	0	0.00
22	ENT	2	0	0	0	2	0	0.00
23	DVL	0	0	1	0	1	0	0.00
24	Radiology	1	0	0	0	1	0	0.00
	Total	576	91	96	0	763	60	7.86

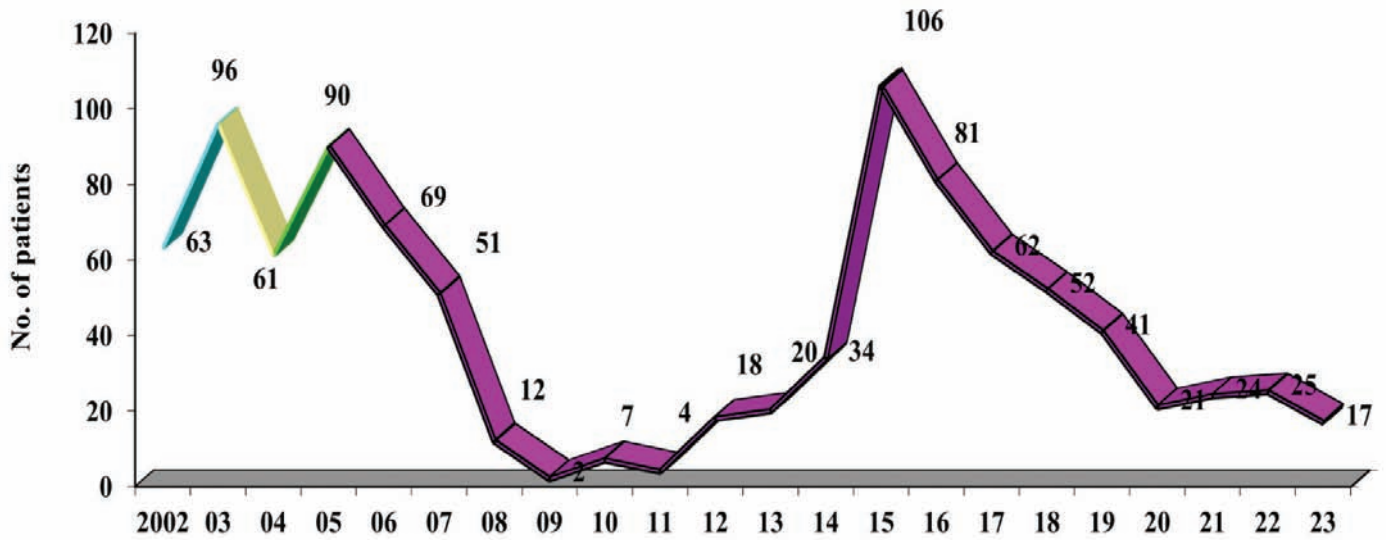
Sri Venkateswara Institute of Medical Sciences

Sri Venkateswara Pranadana Cases treated from Nov 2001 to 2023

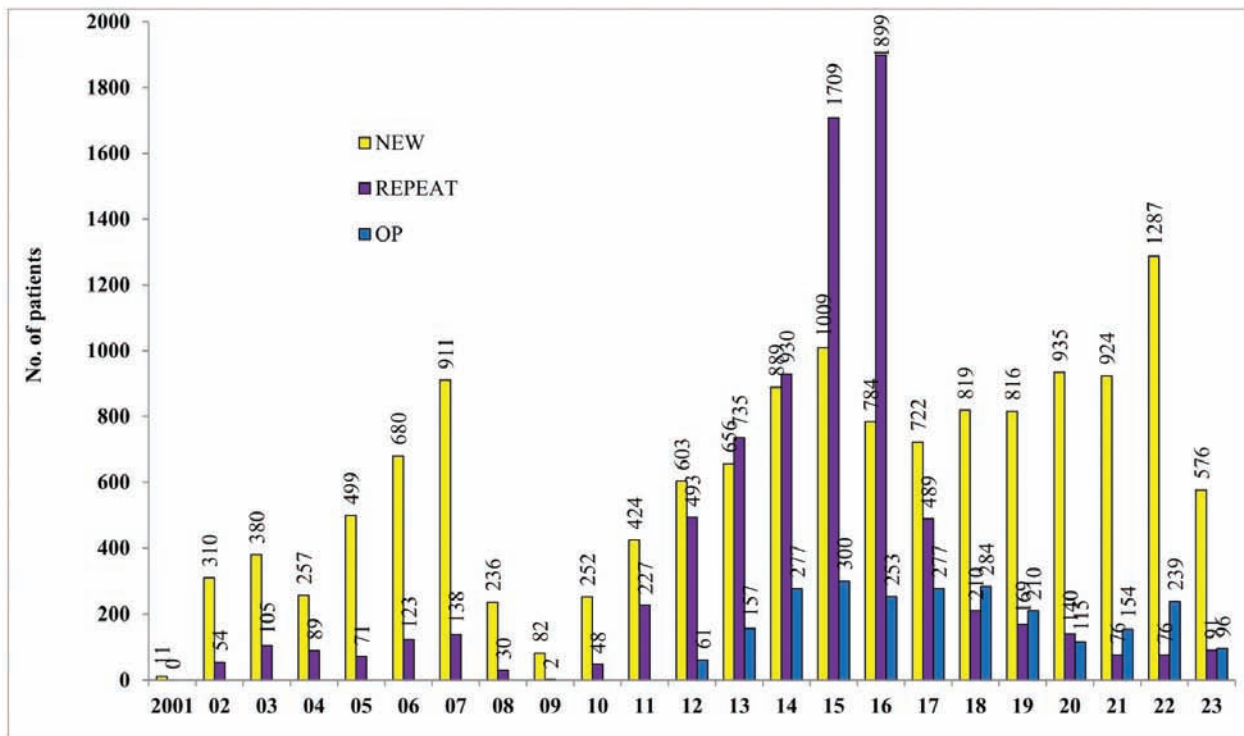
S.No	Unit	New Admissions	Repeat Admissions	OP (N)	OP (R)	Total Admissions	Total Expired	Mortality Rate (%)
1	Cardiology	1221	25	0	0	1246	7	0.56
2	C.T.Surgery	2476	119	41	1	2637	142	5.38
3	Endocrinology	15	1	0	0	16	2	12.50
4	Surgical Gastroenterology	551	32	74	2	659	71	10.77
5	Urology	376	24	1	0	401	10	2.49
6	Nephrology	1764	2612	1	0	4377	155	3.54
7	Neurology	1024	0	7	0	1031	80	7.76
8	Neurosurgery	4361	96	31	1	4489	41	0.91
9	Medical Oncology	370	4361	587	124	5442	15	0.28
10	Radiation Oncology	600	255	716	10	1581	6	0.38
11	BIRRD	45	1	0	0	46	1	2.17
12	Maternity	98	0	0	0	98	25	25.51
13	SVRRGGH	12	0	0	0	12	1	8.33
14	General Surgery	79	0	1	0	80	6	7.50
15	Surgical Oncology	309	0	785	31	1125	17	1.51
16	Haematology	13	378	0	0	391	1	0.26
17	Anaesthesiology	29	0	0	0	29	3	10.34
18	Plastic Surgery	3	0	0	0	3	1	33.33
19	Medicine	550	0	9	0	559	83	14.85
20	OBG	22	0	0	0	22	4	18.18
21	Nuclear Medicine	1	0	0	0	1	0	0.00
22	ENT	3	0	0	0	3	0	0.00
23	DVL	0	0	1	0	1	0	0.00
24	Radiology	1	0	0	0	1	0	0.00
	TOTAL	13923	7904	2254	169	24250	671	2.77

Annual Report 2023

**Paediatric Pranadana cases
(2002 - 2023)**



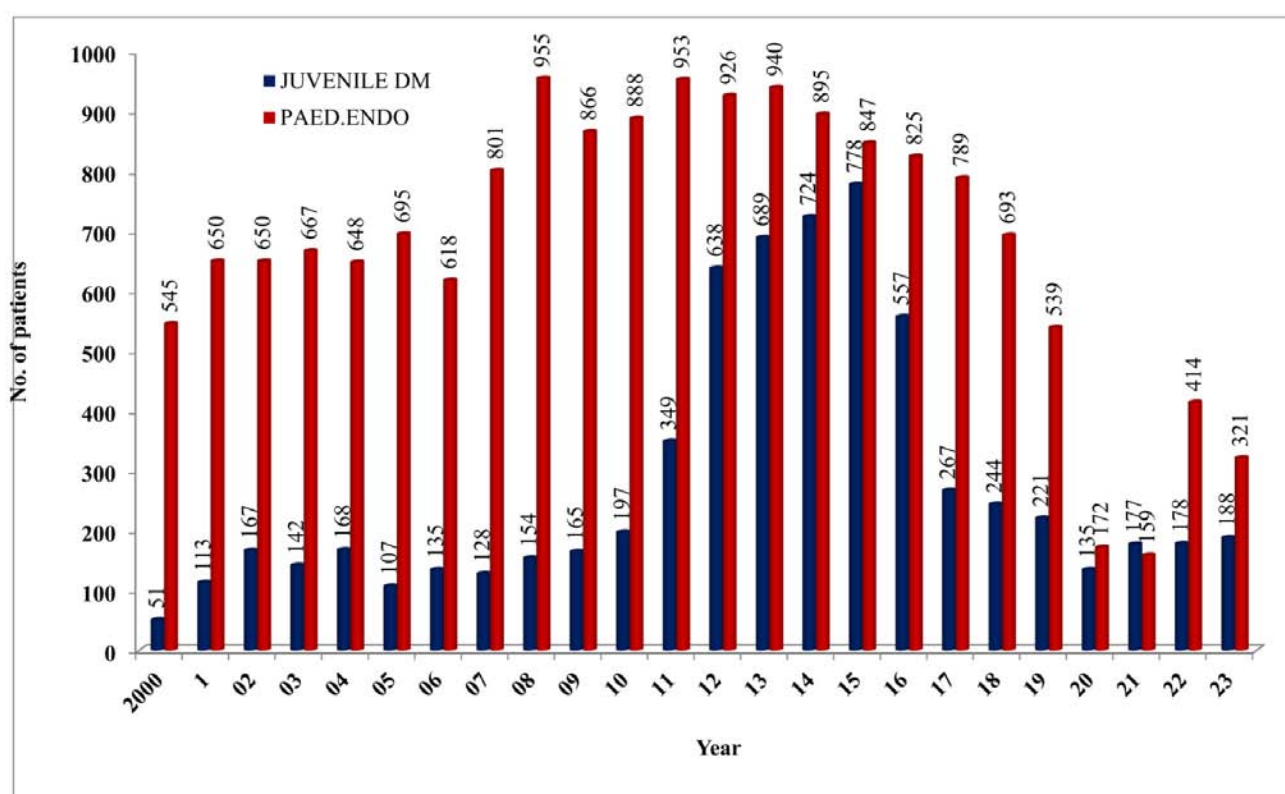
**Sri Venkateswara Pranadana cases
(November 2001 – December 2023)**



1.4 Juvenile diabetes camps:

The Department of Endocrinology, SVIMS conducts free Juvenile diabetes camps on 2nd Saturday of each month from the year 2000 and till December 2023, 260 camps have been conducted. The patients are provided free medicines with the financial assistance by SVIMS & Tirumala Tirupati Devasthanams through Sri Venkateswara Pranadana Scheme. The Department also conducts Paediatrics Endocrinology clinics on every Tuesday, in the afternoon.

**Paediatric Endocrinology & Juvenile Diabetic Cases
(2000 – 2023)**



1.5 Rural health camps

A team of doctors, paramedical and public relations staff, under the guidance of the Director-cum-VC, SVIMS conducts regular camps at rural level. The patients are examined for basic ailments. ECG and other blood tests are done at the village level, free of cost. If required, patients are referred to the institute for further evaluation and necessary investigations are done at concessional rates. The statistics of number of camps (General & NVSS) held and number of patients screened for the years 1993- 2022 is furnished below:

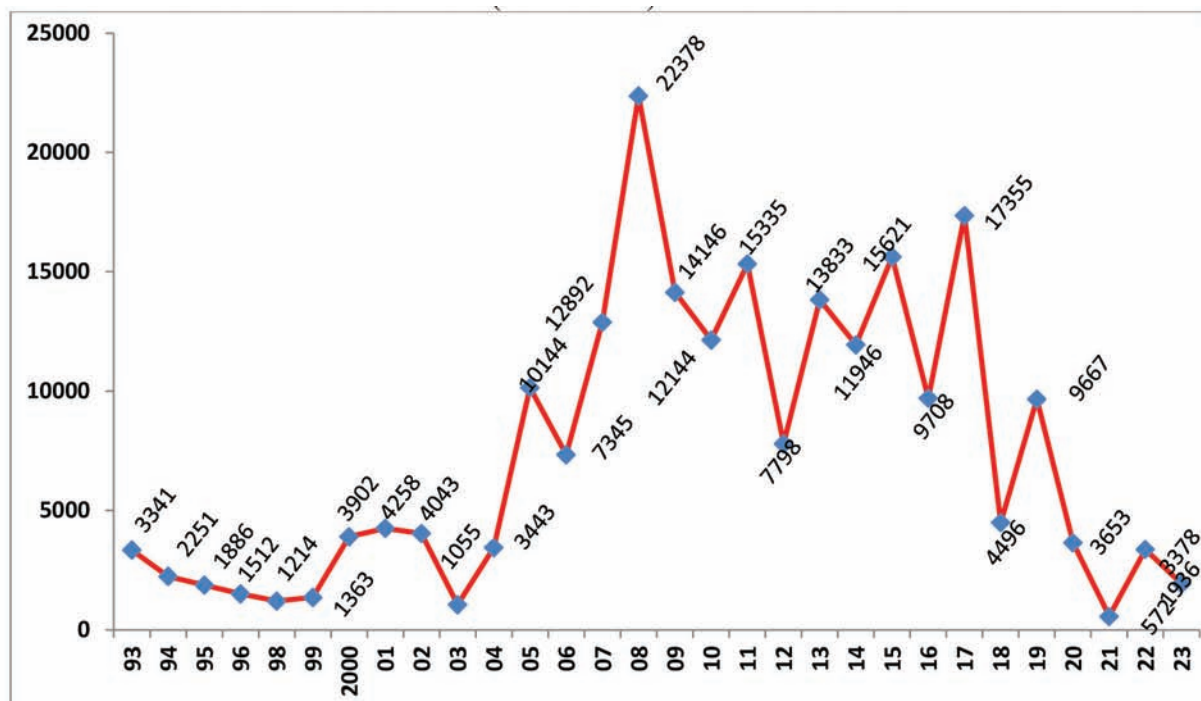
Annual Report 2023

Rural Health Camps (1993-2023)

YEAR	GENERAL	ASHIS/ Dr.NTRVSS/ Dr.YSR	PINK BUS	TOTAL CAMPS	TOTAL
1993	7	0	0	7	3341
1994	6	0	0	6	2251
1995	5	0	0	5	1886
1996	3	0	0	3	1512
1997	0	0	0	0	0
1998	4	0	0	4	1214
1999	5	0	0	5	1363
2000	5	0	0	5	3902
2001	7	0	0	7	4258
2002	12	0	0	12	4043
2003	4	0	0	4	1055
2004	5	0	0	5	3443
2005	24	0	0	24	10144
2006	19	0	0	19	7345
2007	18	19	0	37	12892
2008	3	85	0	88	22378

YEAR	GENERAL	ASHIS/ Dr.NTRVSS/ Dr.YSR	PINK BUS	TOTAL CAMPS	TOTAL
2009	5	65	0	70	14146
2010	12	48	0	60	12144
2011	9	49	0	58	15335
2012	4	16	0	20	7798
2013	4	35	0	39	13833
2014	4	39	0	43	11946
2015	7	41	0	48	15621
2016	6	17	0	23	9708
2017	10	13	0	23	17355
2018	4	10	2	16	4496
2019	6	7	41	54	9667
2020	0	4	21	25	3653
2021	0	0	8	8	572
2022	0	0	52	52	3378
2023	1	3	20	24	1936
TOTAL	199	451	144	794	222615

Rural Health Camps (1993 - 2023)



1.6 Medical Camps at SVIMS

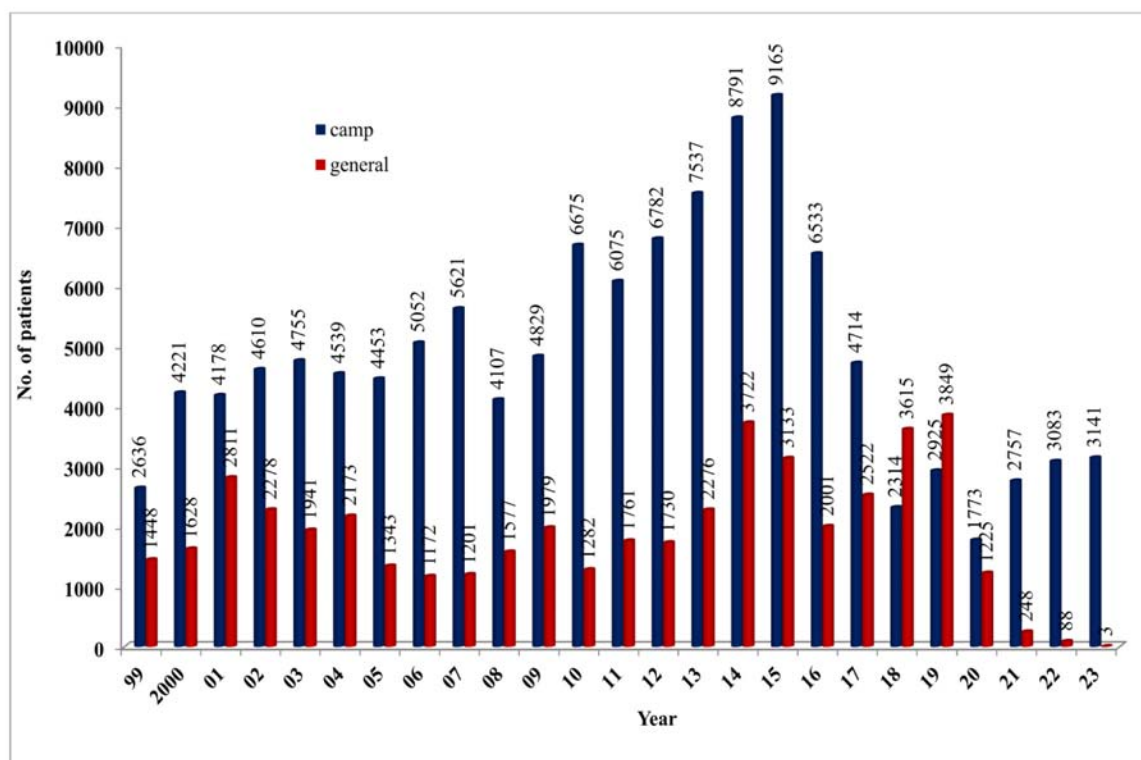
The Institute organizes regular monthly free camps in order to benefit the poor. The patients are provided free consultation and drugs required for one month treatment. The statistics of the patients treated in these camps during the year 2023 are as follows:

Medical Camps – 2023

S.No.	Camp	Day	No. of camps	No. of patients treated
1	Epilepsy Camps	3rd Sunday	12	3141
2	Diabetic Camps	2nd Sunday	12	1039
3	Hypertension & PVC Camps	Last Sunday	12	2604
4	Juvenile Diabetic Camps	2nd Saturday	12	188
5	Rural Camps		04	600
6	Pink Bus		20	1336

1.7 Epilepsy Camps:

The Department of Neurology, SVIMS under the leadership of Dr B. Vengamma started free epilepsy camp on every 3rd Sunday. From 20th February 1999 till January 2024, 294 camps have been conducted and 1,27,594 patients have been treated. The patients are provided free medicines with the financial assistance of Americares, USA, SVIMS & Tirumala Tirupati Devasthanams through Sri Venkateswara Pranadana Scheme.



1.8 Revised National Tuberculosis Control Program (RNTCP)

The Revised National Tuberculosis Control Program (RNTCP) designated Microscopy Centre (DMC) has been functional at SVIMS since February, 2007 and the DOT Centre has been functioning since May, 2007. As on 31.12.2023, 6178 patients were provided free treatment for TB.

1.9 Integrated Counseling and Testing Centre (ICTC)

Under the Department of Medicine, the ICTC centre was established on 02-02-2010. Under this facility, testing for HIV is provided free of cost. As on 31-12-2023, 97126 persons were tested.

1.10 Infection Control Committee

The Infection Control Committee was constituted in the year 2010 and has been functional from January 2010. This has had a definite impact on the prevention and control of Health Care Associated Infections (HAIs). The committee meets once in month on first tuesday headed by Director-cum-VC. The committee reviews the monthly surveillance reports and receives suggestions and opinion from the members and implements corrective and preventive actions. One key component of ten pronged strategy in patient safety is ‘Antimicrobial Stewardship’, which aims to optimize antibiotic use among patients in order to reduce antibiotic resistance, improve patient outcome, safety and ensure cost effective therapy. A pocket guide (1st edition) of “SVIMS Antimicrobial Stewardship” was released on 12.07.2016. This is revised 6 monthly and new editions are released every January and July to inform all health care personnel (doctors, nurses, and allied health staff) of pathogen surveillance, antimicrobial use, infection control measures and outcomes and the same will be uploaded in the SVIMS website under - Quality & Patient Safety- Health Care Associated Infections.

Infection Control Rate

Average Healthcare acquired Infection rates from January to December 2023 was 4.3%. Average infection rate from HAIs for 2023 being 2.1%. In the year 2023, there had been a reduction in overall Ventilator Associated Pneumonia (VAP) rate to 12.7 /1000 ventilator days when compared to previous years. Total Catheter Associated Infection Rate (CAUTI) is maintained between 1.2- 3.1 /1000 catheterized days. Average Catheter Associated Infection Rate (CAUTI) for recovery room & ICUs was 3.1/1000 catheterized days. Average Central line Associated Infection Rate (CLABSI) 0.005 / 1000 central line days for the year 2023. In 2023, average Surgical Site Infection Rate (SSI) was 1.3 /100 surgeries. Annual needle stick injury incidence for the year 2023 was 3. Average Multi Drug Resistance rate among HAI isoaltes was 87.1% which is alarming. Percentage of Methicillin Resistant Staphylococcus aureus (MRSA) was 55.9% and MRCONS was 62.6%. Standardized infection ratio (SIR) for VAP & CAUTI was maintained less than one throughout the year 2023.

Overall average hand hygiene compliance for health care workers was 76.4%.

Hand Hygiene Compliance

In 2023, we have achieved hand hygiene compliance ranging between 58.8 – 76.4 % among the hospital staff, while worldwide the compliance rate is only about 40%. This shows our success in the control of Health Care Associated Infections. The implementation of various appropriate and effective infection control measures has reduced the overall antibiotic resistance of various organisms. Vigilant surveillance of operation theaters, dialysis theaters, ICUs and water quality has improved our standards in health care infection prevention and control.

Personal protective equipment Compliance: In 2023, we have personal protective equipment audit compliance ranging between 86– 94% among the hospital staff.

Trends of Multi Drug Resistance

(iii) Trends of Multidrug Resistance

Prevention of the emergence of antimicrobial resistance and the dissemination of resistant organisms will reduce the adverse effects and their costs.

- Antimicrobial resistance (AMR) results in increased morbidity, mortality and costs of health care.
- In SVIMS, major isolate was *Escherichia coli* (46.5%) followed by *Klebsiella spp.* (20.5%), *Pseudomonas spp.* (13.3%) and *Acinetobacter spp.* (8.7%) among Gram negative bacteria.
- As per our local antibiogram, empirical choice of antibiotic in ICUs in our institute is Piperacillin+Tazobactam / Cefoperazone+sulbactam.
- Based on Positive blood culture Gram staining report, empirical choice for Gram negative bacilli is Meropenem, and for Gram positive bacteria is Vancomycin in all ICUs for suspected cases of sepsis.
- Empirical choice of antimicrobials after collection of appropriate samples for suspected sepsis cases is Meropenem + Vancomycin.
- In our hospital, Percentage of Methicillin resistance *Staphylococcus aureus* (MRSA) was 55.9%, Methicillin resistance Coagulase negative *Staphylococcus* (MRCoNS) was 55.9%, Vancomycin resistant *Staphylococcus aureus* (VRSA) was nil, Vancomycin resistance Coagulase negative *Staphylococcus* (VRCoNS) was 0.5 and Vancomycin resistant Enterococci (VRE) being 8.1% among Gram positive isolates.
- As percentage of Methicillin resistance being high, mandate recommendation for HCWs is to follow standard precautions (Hand Hygiene, Contact precautions) strictly at all times of patient care.
- Carbapenem resistance was noted high in *Acinetobacter spp.* (79.7%) followed by *Klebsiella spp.* (44.7%), *Pseudomonas spp.* (23.3%) and *Escherichia coli* (17.8%). So cautious and judicious prescription of carbapenems is required.

- Selective reporting of antimicrobials is being followed in our hospital for containment of antimicrobial resistance.

Note: Empirical therapy should be reviewed once the culture and susceptibility results are ready (usually within 72 hours) and targeted therapy should be started immediately and wherever possible give the narrowest spectrum antibiotic based on culture and sensitivity report, the site of infection and the clinical status of the patient. Foot notes: All Betalactams must be given as 3 hour infusion as their concentration is time dependent to maintain the therapeutic levels as per Clinical laboratory Standard Institute (CLSI) 2022

1.11 Mortality and Morbidity Review Meeting

The Mortality and Morbidity review meetings are conducted twice in a month i.e. on 1st Tuesday and 3rd Wednesday at 3.00 P.M. The Medical Superintendent acts as co-ordinator. The mortality review system has been strengthened in the hospital. Each department reviews all the mortalities internally and submits the mortality review report to the office of the Medical Superintendent, along with root cause analysis and corrective action plan.

The mortalities reflecting serious issues are selected by a team of independent observers (Dr B.V.Subaramnian and Dr Sameeraja for medical cases and Dr V.Venkatarami Reddy and Dr Y.Mutheeswariah for surgical cases) and are presented in a gathering of all the doctors and nursing staff. All the faculty and Residents attend these meetings. The Committee reviews the mortality statistics and identifies the opportunities to improve patient safety and quality of care.

Clinical audit committee has been formed to look into various processes and their outcome in terms of patient care and safety. However, a separate Hospital Safety Committee has been formed to look into safety issues for patients, visitors and staff. This committee looks into patient safety, fire safety, radiation safety and lab safety domains. These two committees meet once in 3 months.

Domain of medication safety is looked after by the Pharmacovigilance committee (PVC) and Pharmacy and Therapeutics committee (PTC).

Annual Report 2023

The following meetings are conducted regularly for overall betterment of the patient care.

S.No.	Nature of the meeting	Schedule
1	Infection Control Committee	1st Tuesday (2.30 PM)
2	Dr YSR Aarogyasri review meeting	1st& 3rd Thursday (4-5 PM)
3	Monthly meeting Administrative Heads	2nd Wednesday (3-4 PM)
4	Monthly meeting for Faculty	2nd Friday (3-4 PM)
5	Sri Venkateswara Pranadana Meeting	Last Thursday of every month (11 to 12 Noon)
6	Institute Ethics Committee meeting	2nd Monday (3-4 PM)
7	Hospital Blood Transfusion Committee meeting	1st Friday (3-4 PM)
8	Pharmaco Vigilance committee	1st Friday (3-4 PM)
9	Pharmacy and Therapeutics committee	1st Friday (3-4 PM)
10	Mortality and Morbidity meeting	1st Tuesday & 3rd Wednesday (3-4 PM)
11	Clinical Audit Committee	Once in 3 months
12	Hospital Safety Committee	Once in 3 months
13	Medical Records review committee	1st and 3rd Thursday (10-11 AM)

New Facilities and services added:

- 1) As part of Corporate Social Responsibility, M/s. KarurVysya Bank donated three R.O. plants.
- 2) Five electric buggies were donated by M/s. KarurVysya Bank as part of their corporate social responsibility efforts.
- 3) SVIMS-SPMC(W) Hospital's fifth floor now has new accommodations for patients with cancer and nephrology.
- 4) SVIMS-SPMC Hospital established a pain and palliative ward.
- 5) SVIMS-SPMC Hospital's Kshemankari Multi-Disciplinary Critical Care Unit was established.
- 6) The SVIMS-SPMC Hospital's Aparajitha OT Complex was established.
- 7) The C-fAR building's third, fourth, and fifth levels were opened.
- 8) Restarted services at the Rheumatology Clinic.
- 9) Evening clinics were resumed.
- 10) Administrative offices (IT Wing, Establishment & Accounts) shifted to the C-fAR building.



**III. WORKSHOPS/CMES/CLINICAL MEETINGS/
CLINICO PATHOLOGICAL CORRELATION ORGANIZED AT SVIMS**



III. Workshops/CMEs/Clinical Meetings/ Clinico Pathological Correlation Organized at SVIMS

1.0 Workshop & Conference:

1. The Department of Radiology is Organizing a CME Program cum workshop for Radiographers and students in association with ISRT-India on 16th July 2023.

2.0 Guest Lectures:

1. A Guest Lecture by Dr Meena Chintapalli, Adjunct Clinical Professor in Department of Paediatrics at University of Texas Health Sciences Center San Antonio (UTHSCSA), Texas USA delivered Topic: “Magic of First Thousand Days – Pre and Post Genomic Health Care” on 23.01.2023.
2. A Guest Lecture by Professor K Srinath Reddy, Honorary distinguished Professor and Good will Ambassador of Public Health Foundation India for Public Health partnership delivered guest lecture Topic: Advancing India’s Health – An agenda Beyond COVID on 07.01.2023.
3. A Guest Lecture by Professor Charles K.Thodeti, Dept of Physiology and Pharmacology at the University of Toledo, Ohio, United States Topic: “A TRP to cardiac remodeling” on 26.06.2023.
4. A Guest Lecture by Sri Rani Sadasiva Murthy Garu, VC, SV Vedic University, Tirupati, Topic “Introduction of Ancient Indian Sciences” on 21.07.2023.
5. A Guest Lecture Dr Vijay Gopal Reddy, Fellowship in Medical Oncology from University of Teras M.D Anderson Cancer Center, United States Topic: “Emerging Role of Engineered Immune Cells as Potentially Curative Therapy in Oncology and other Areas” on 22.09.2023.
6. A Guest Lecture Dr Aditya Sunder Goparaju, Consultant Spine Surgeon, Hyderabad Topic: “Robotic spine surgery – Indian Perspective” on 04.11.2023

3.0 CME Programme:

S.No	Topic	Speakers
1	Depts. of ENT, Dentistry & Ophthalmology	07.01.2023
	Systemic disease and Oral Health	Dr K.N.V.Sai Praveen MDS, Reader in Oral Medicine & Radiology, C.K.S Teja Institute of Dental Science Department of Dental Surgery
	Introduction to Perimetry	Dr B.Pradeep Kumar Reddy, MD , AIIMS- New Delhi, Dept. of Ophthalmology
	Laryngeal Trauma	Dr Prerana Anthwal Assistant Professor, Department of ENT
2	Depts. of Endocrinology, Biochemistry and Pharmacology	on 04.02.2023
	Changes in Biochemical test in Pregnancy	Dr T Silpa, Asst. Professor, Dept. of Biochemistry
	Pharmacokinetic remodeling in pregnancy	Dr Ravindrakumar G Asst. Professor, Dept. of Pharmacology
	Thyroid disorders and Pregnancy	Dr D Manideepthi Dept. of Endocrinology, Bangalore
	Diabetes Mellitus and Pregnancy	Dr B Sreedivya Dept. of Endocrinology, Kurnool
	Calcium and Vitamin D Homeostasis in Pregnancy	Dr B Sruthi Asst Professor, Dept. of Endocrinology
3	Depts. of Emergency Medicine & Transfusion Medicine	on 04.03.2023
	Evaluation of a Patient with Poly trauma in the Emergency Medicine Department	Dr J Rani, Senior Resident Dept. of Emergency Medicine, SVIMS

Annual Report 2023

S.No	Topic	Speakers
	Massive Transfusion in Trauma - Engagement and Scope in development of a protocol	Dr A Yashovardhan Asst. Prof., Dept. of Transfusion Medicine, Narayana Medical College, Nellore
	Management of Patient with Blunt Injury abdomen in the Emergency Medicine Department	Dr A Naga Sowmya, Senior Resident Dept. of Transfusion Medicine
	Transfusion in Critically ill patients	Dr G Sandhya Senior Resident, Dept. of Transfusion Medicine
	Pathogen inactivation of Cellular Blood Components	Dr B Suresh Babu Asst Professor, Dept. of Transfusion Medicine
	Questions and Answers	ALL Speakers
	Vote of Thanks	Dr C Ravikanth PG in Transfusion Medicine, SVIMS
4	Depts. of Microbiology, Community Medicine & Clinical Virology on 01.04.2023	
	Aetiological profile and diagnosis of Emerging Viral Infections	Dr Usha Kalawat Prof. & HoD, Dept. of Clinical Virology
	Aetiological profile and diagnosis of Emerging Bacterial Infections	Dr N Ramakrishna Assistant Professor, Dept. of Microbiology
	Prevention & Control of Emerging Infections	Dr T.V.D.Prathyusha Assistant Professor, Dept. of Community Medicine
5	Dept. of Nephrology, Urology & OBG on 06.05.2023	
	Obstructive Uropathy / Nephropathy in Obstetrics – Role of urologist	Dr Ashish Kumar Jayant Senior Resident, Dept. of Urology
	AKI in Pregnancy – role of Nephrologist	Dr Surya Prakash Senior Resident, Dept. of Nephrology
	Physiological Changes in Kidney during pregnancy	Dr Malathi Associate Professor & HOD, OBG
6	Depts. of Medicine, Pediatrics, TB&RD & Physiology on 01.07.2023	
	Diffusion capacity of lung for carbon monoxide (DLco) – Clinical applications in adults	Dr V Manolasya Assistant Professor, Dept. of Medicine
	Diffusion capacity of lung for carbon monoxide (DLco) – Methods & Procedure	Dr A R Chaitanya Senior Resident, Dept. of TB & RD
	Physiology of Diffusion of gases across respiratory membrane	Dr J Suneetha Nirmala Kumari Senior Resident, Dept. of Physiology
	Diffusion capacity of lung for carbon monoxide (DLco) – Paediatric perspective	Dr N Punith Patak Associate Professor, Dept. of Pediatrics
7	Departments of Anaesthesiology, Cardiology & CT Surgery on 02.09.2023	
	Preoperative cardiac evaluation for non cardiac surgery	Dr V Varunmitra Assistant Professor, Dept. of Cardiology
	Assessment and management of perioperative and post operative arrhythmias	Dr B Kiran Assistant Professor, Dept. of Cardiology

Sri Venkateswara Institute of Medical Sciences

S.No	Topic	Speakers
	Pre operative pulmonary risk stratification for lung surgery	Dr Shameem S Assistant Professor, Dept. of Anaesthesiology
	Ventilation strategies for one lung ventilation	Dr Sumandhu Assistant Professor, Dept. of Anaesthesiology
	Past, Present & future of Coronary Artery Surgery	Dr Sathyavathi Assistant Professor, Dept. of CVTS
8	Department of Anatomy, Surgical Gastroenterology, General Surgery, Forensic Medicine on 14.10.2023	
	Overview of Abdominal regions, Peritoneal reflections and applied aspects of injury to Liver & Spleen	Dr J Vasudeva Reddy Professor, Dept. of Anatomy
	Classification of injuries and its Medicolegal importance	Dr Jyothi Prasad Associate Professor, Dept. of Forensic Medicine
	Initial assessment and management of abdominal trauma	Dr Srihari Rao Professor, Dept. of General Surgery
	Abdominal trauma-case capsules	Dr V Venkatarami Reddy Professor & Head, Dept. of Surgical GE
9	Department of Nuclear Medicine & Radiology on 04.11.2023	
	“CT Coronary Angiography”	Dr B C Sanjay Senior Resident, Dept. of Radiology
	“CT Angio in Congenital Heart Diseases”	Dr Bhavani Senior Resident, Dept. of Radiology
	“Role of PET-CT in Myocardial Viability”	Dr R Ramya Priya Asst. Professor, Dept. of Nuclear Medicine
	“Radionuclide functional imaging for Evaluation of Sarcoidosis”	Dr D S Hemalatha Asst. Professor, Dept. of Nuclear Medicine
10	College of Physiotherapy & College of Nursing CME on 02.12.2023 RY DISEASES	
	Community based palliative care	Dr L Lakshmi, DEAN Sathyabhama College of Nursing, Sathyabhama Institute of Science and Technology, Chennai
	Significance of Palliative Nursing Care in Hospital	Dr S Swarna Associate Professor, CON, SVIMS, Tirupati
	Quiz program (U.G & PG) will be conducted on 30/11/2023 and 01/12/2023	Dr K Senthil Kumar Assistant Professor, Co-ordinator College of Physiotherapy
	Poster presentation on the above theme	Dr V Srikumari, Associate Professor, Co-ordinator College of Physiotherapy
	“Celebrating abilities and embracing inclusion”-Topic	Dr A Viswanath Reddy Associate Professor, College of Physiotherapy
	“Disability Assessment and Scheme” – Topic	Dr C Shanthi, Assistant Professor, Co-ordinator College of Physiotherapy

Coverage of Workshop



Radiology Dept. and Indian Society of Radiographers and Technologists (ISRT) Jointly Conducted Interventional Radiology work shop on 16.07.2023 at Sri Padmavathi Auditorium. Director cum Vice Chancellor Smt. Sada Bargavi I.A.S., addressed the gathering and felicitated Chief Guests of the programme Dr Panner Selvam & Dr Daniyal from Chennai.



Clinical Virology Department Conducted Serological Diagnosis of Scrub Typhus workshop on 16.03.2023. Director cum Vice Chancellor Dr.B.Vengamma addressed the gathering, SVIMS – Dean Dr. Alladi Mohan, Dept. of Clinical Virology HOD Dr. Usha Kalawat.

Coverage of Guest Lecture



A Guest Lecture on “Advanced India’s Health – An Agenda Beyond Covid” on 07.01.2023 at Padmavathi Auditorium. Director cum Vice Chancellor Dr. B.Vengamma addressed the gathering and felicitated Chief Guest Professor Dr. K.Srinath Reddy Garu Honorary distinguished professor Good will Ambassador of Public Health Foundation India at Public Health partnership.



A Guest Lecture on “Magic of First Thousand Days – Pre and Post Genomic Health Care” on 23.01.2023 at Padmavathi Auditorium. Director cum Vice Chancellor Dr. B.Vengamma addressed the gathering and felicitated. The Chief Guest of the programme. Dr. Meena Chintapalli, Adjunct Clinical Professor in Department of Paediatrics at University of Texas Health Sciences Center San Antonio (UTHSCSA), Texas USA. Former TTD Annamacharya Project Director, Sri. Medasani Mohan.

Annual Report 2023



A Guest Lecture on Philosophy of palliative care Topic “A surprising Role Model for the Gentle Art of dying well in India” on 07.02.2023 at Padmavathi Auditorium. Dr. B.Vengamma, Director cum Vice Chancellor addressed the gathering and felicitated Chief Guest of WHO Representative & London Royal Mercidon Hospital Nursing Officer Smt. Gilly Burn.



A Guest Lecture on “AI Metrics in advanced oncology on CT and MRI viewer using Augmented intelligence (AI) for reading and reporting software including radiomics” on 07.02.2023 at Sri Padmavathi Auditorium. Dr. B.Vengamma, Director cum Vice Chancellor addressed the gathering and felicitated Chief Guest London University Dr. Balaji Ganeshan.



A Guest Lecture Programme Introduction of Ancient Indian Sciences on 21.07.2023 at Padmavathi Auditorium. Smt. Sada Bhargavi I.A.S., Director cum Vice Chancellor addressed the gathering and felicitated Chief Guest of the programme Sri Acharya Rani Sadasiva Murthy Garu. Vice Chancellor, Sri Venkateswara Vedic University.



A Guest Lecture on “Emerging Role of Engineered Immune Cells as Potentially Curative Therapy in Oncology and other Areas” at Sri Padmavathi Auditorium on 22.09.2023. Dr. R.V.Kumar, Director cum Vice Chancellor addressed the gathering and felicitated Chief Guest of the program Dr . Vijay Gopal Reddy, Fellowship in Medical Oncology from university of Texas M.D. Anderson Cancer Center, USA.

Coverage of CME's



A CME was jointly organised by the Depts. of ENT, Dentistry & Ophthalmology 07.01.2023 on the topics: Systemic disease and Oral Health, Introduction to Perimetry and Laryngeal Trauma



A CME was jointly organised by the Depts. of Endocrinology, Biochemistry and Pharmacology on 04.02.2023. On the topic: Changes in Biochemical test in Pregnancy, Pharmacokinetic remodeling in pregnancy and Thyroid disorders and Pregnancy

Annual Report 2023



A CME was jointly organised by the Depts. of Dept. of Nephrology, Urology & OBG on 06.05.2023. On the topic: Obstructive Uropathy/ Nephropathy in Obstetrics – Role of Urologist, AKI in Pregnancy – Role of Nephrologist and Physiological Changes in Kidney during Pregnancy



A CME was jointly organised by the Depts. of Anatomy, Surgical Gastroenterology, General Surgery, Forensic Medicine on 14.10.2023. On the topic: Overview of Abdominal regions, Peritoneal reflections and applied aspects of injury to Liver & Spleen and Classification of injuries and its Medicolegal importance



A CME was jointly organised by the Depts. of Nuclear Medicine & Radiology on 04.11.2023. On the topic: CT Coronary Angiography, CT Angio in Congenital Heart Diseases and Role of PET-CT in Myocardial Viability.



A CME was jointly organised by the Depts. of College of Physiotherapy & College of Nursing CME on 02.12.2023. On the topic: Community based palliative care, Significance of Palliative Nursing Care in Hospital and Significance of Palliative Nursing Care in Hospital.

5.0 Clinical Meetings 2023:

Each department presents the clinical material in the form of a case presentation and recent trends in Medicine during regular academic programmes fixed on every Thursday and Saturday. The programs conducted for the year 2023 are furnished below:

S. No	Date	Research presentation (Saturday)/ Case Presentation (Thursday)			Spotters presentation (Saturday)/ Debate Presentation (Thursday)		
		Topic	Speaker	Department	Topic	Speaker	Department
01	05.01.2023 (Thursday)	Debate on coablation assisted microlaryngeal surgery Vs Microdebrider assisted microlaryngeal surgery in management of recurrent respiratory papillomatosis	Dr P Bhanu Pradeep	ENT	-	-	-
02	07.01.2023 (Saturday)	A Comparative study of Necrotising fasciitis in patient with and without type 2 diabetes mellitus”	Dr A Mallikarjuna Pavan	General Surgery	Spotter	Dr P Vasanthi	Pathology
03	12.01.2023 (Thursday)	Drowning	Dr K Jyothi Prasad	Forensic Medicine	-	-	-
04	14.01.2023 (Saturday)	Study of semiology and treatment delivery in patients with epilepsy	Dr Nabeel	Medicine	Spotter	Dr Ramyadeepthi	Pharmacology
05	19.01.2023 (Thursday)	Biliary Cystadenoma	Dr Prudhvi Raj	Surgical GE	-	-	-
06	21.01.2023 (Saturday)	Phenotypic and Molecular characterization of carbapenem resistant enterobacteriaceae in clinical specimens from medical intensive care unit in a tertiary care hospital, SVIMS, Tirupati	Dr M Srihari Rao	Microbiology	Spotter	Dr M Ganesh Kumar	Psychiatry
07	02.02.2023 (Thursday)	Open Vs Subfascial Endoscopic Perforator Surgery (SEPS) in	Dr K Rajamani & Dr TKV	General Surgery	-	-	-

S. No	Date	Research presentation (Saturday)/ Case Presentation (Thursday)			Spotters presentation (Saturday)/ Debate Presentation (Thursday)		
		Topic	Speaker	Department	Topic	Speaker	Department
		management of perforator incompetent varicose veins of leg	Kishore				
08	04.02.2023 (Saturday)	A study of Near –Death experience in patients with chronic kidney disease	Dr P Lakshmi Aishwarya	Nephrology	Spotter	Mr K Minisekhar	Physiology
09	09.02.2023 (Thursday)	A Rare case of Sjogren's syndrome presented as acute quadriparesis	Dr S Vignesh Kumar	Medicine	-	-	-
10	11.02.2023 (Saturday)	Predictors of outcome in intra cerebral Haemorrhage: A Prospective Observational Study	Dr S K abdul Hakeem	Neurology	Spotter	Dr Subramanyam	Paediatrics
11	16.02.2023 (Thursday)	Automated systems for microbial identification	Dr M Srihari Rao	Microbiology	-	-	-
12	18.02.2023 (Saturday)	Correlation of imaging findings and ease of resectability in intracranial meningiomas	Dr Shiva kumar Reddy K	Neurosurgery	Spotter	Dr M V Nagateja	Plastic Surgery
13	23.02.2023 (Thursday)	Management of Athero sclerotic Renal artery stenosis-Medical Therapy versus intervention	Dr N Prasanna Kumar Vs Dr Namesh Kamat	Nephrology	-	-	-
14	02.03.2023 (Thursday)	A 50 year old man with diplopia	Dr S Srija	Neurology	-	-	-
15	04.03.2023 (Saturday)	Utility of 18 F-FDG PET-CT in the initial staging and management of patients with oesophageal carcinoma”	Dr K Sankari	Nuclear Medicine	Spotter	Dr Amitha Vikrama KS	Radiology

S. No	Date	Research presentation (Saturday)/ Case Presentation (Thursday)			Spotters presentation (Saturday)/ Debate Presentation (Thursday)		
		Topic	Speaker	Department	Topic	Speaker	Department
16	09.03.2023 (Thursday)	Microscopic Vs Endoscopic Dicotomy	Dr Venkatesh VK & Dr Y Praveen	Neurosurgery	-	-	-
17	11.03.2023 (Saturday)	A Clinical Study of PROM at terms its effect on fetal and maternal outcome	Dr BV Hasanathi	OBG	Spotter	Dr J Mohan Krishna	Radiotherapy
18	16.03.2023 (Thursday)	Role of Nuclear Medicine in A Rare case of Primary Mucinous Carcinoma of Thyroid	Dr N C Valaiyapathy	Nuclear Medicine	-	-	-
19	18.03.2023 (Saturday)	A Prospective study to evaluate the role of prophylactic contralateral selective neck dissection in clinical T3 and T4 oral cavity squamous cellcancer	Dr Shathak S Baikady	Surgical Oncology	Spotter	Dr S Prashanth	Transfusion Medicine
20	23.03.2023 (Thursday)	2 Prior ISC with Placenta Increta	Dr .G.Hinduja Vidmache	OBG	-	-	-
21	30.03.2023 (Thursday)	An Interesting case of chest wall Tumor	Dr Yeswanth N	Surgical Oncology	-	-	-
22	01.04.2023 (Saturday)	A study to assess serum CA125 and CEA levels in carcinoma breast with different stages and subtypes	Dr Advait	Medical Oncology	Spotter	Dr G Anusha	TB & RD
23	06.04.2023 (Thursday)	Total Neoadjuvant therapy Versus standard Neoadjuvantchemoradiation in Locally advanced Carcinoma Rectum	Dr Advait M K & Dr V Raviteja Cherukuri	Medical Oncology	-	-	-

S. No	Date	Research presentation (Saturday)/ Case Presentation (Thursday)			Spotters presentation (Saturday)/ Debate Presentation (Thursday)		
		Topic	Speaker	Department	Topic	Speaker	Department
24	08.04.2023 (Saturday)	Evaluation of Multiple Risk Factors in the Development and Severity of Diabetic Retinopathy	Dr J Sri Lalitha	Ophthalmology	Spotter	Dr V T Naveen	Urology
25	13.04.2023 (Thursday)	Chronic Granulomatous iridocyclitis	Dr J Sri Laitha	Ophthalmology	-	-	-
26	15.04.2023 (Saturday)	Immunoeexpression of Bcl2, cyclin D1,ki67 and p53 in Oral squamous cell carcinoma	Dr B Swathi	Pathology	Spotter	Dr Aamir	Anaesthesiology
27	20.04.2023 (Thursday)	Mantle Cell Lymphoma of Thyroid	Dr B Rama Mounika	Pathology	-	-	-
28	22.04.2023 (Saturday)	Prescription Pattern on Antibiotics & Their Appropriateness in Patients with Chronic Kidney Disease-An Observational Study in a Tertiary Care Teaching Hospital in South India	Dr C Pallavi	Pharmacology	EXOMPHALOS	Mr K Thyagaraju	Anatomy
29	27.04.2023 (Thursday)	Phosphodiesterase Super family, Drugs Acting on Them & Clinical Applications of Drugs in Various Diseases & Disorders	Dr M Jagadee shkrishnan	Pharmacology	-	-	-
30	04.05.2023 (Thursday)	A Case of a young female with conversion disorder: treatment with Lorazepam-assisted interview	Dr M Ganesh Kumar	Kumar	Psychiatry	-	-

S. No	Date	Research presentation (Saturday)/ Case Presentation (Thursday)			Spotters presentation (Saturday)/ Debate Presentation (Thursday)		
		Topic	Speaker	Department	Topic	Speaker	Department
31	06.05.2023 (Saturday)	Comparison of Disability scores between IDEAS and WHODAS in patients suffering with schizophrenia	Dr B Sai Pavan Kumar	Psychiatry	Spotter	Dr Zaheer Ahmed S	Biochemistry
32	11.05.2023 (Thursday)	Nerve conduction studies	Dr K Lakshmi Sravanthi	Physiology	-	-	-
33	13.05.2023 (Saturday)	The effect of heartfulness meditation on vital parameters and biomarkers of stress in healthy female medical students	Mrs K Pujitha	Physiology	Spotter	Dr Y Hanok Hruday Mohan	Cardiology
34	18.05.2023 (Thursday)	Inborn Error of Metabolism in A Newborn	Dr K Naveena	Paediatrics	-	-	-
35	20.05.2023 (Saturday)	Effect of Gastric lavage on Meconium Aspiration Syndrome and feed intolerance in vigorous Infants born with meconium stained amniotic fluid a randomized control trail	Dr N Punith Patak	Paediatrics	Spotter	Dr D Soumya	Clinical Virology
36	25.05.2023 (Thursday)	Post – Mucor Maxillary Reconstruction,challenges in restoring function and aesthetics	Dr Praveen Kumar Reddy	Plastic Surgery	-	-	-
37	01.06.2023 (Thursday)	Rare Presentation of common Brain Tumor	Dr Pooja Reddy	Radiology	-	-	-
38	03.06.2023 (Saturday)	Versatility of Local flaps in reconstruction of BCC on face, our experience	Dr M Nagar Teja	Plastic Surgery	Spotter	Mrs.GM Yogalakshmi	CT Surgery

S. No	Date	Research presentation (Saturday)/ Case Presentation (Thursday)			Spotters presentation (Saturday)/ Debate Presentation (Thursday)		
		Topic	Speaker	Department	Topic	Speaker	Department
39	08.06.2023 (Thursday)	Once daily fractionation Vs twice daily fractionation in limited stage small cell lung cancer	Dr Henita V Selva Mary & Dr Sai Cherwin Reddy	Radiotherapy	-	-	-
40	10.06.2023 (Saturday)	Ultrasonography-guided surgical clip placement for tumour localization in patients undergoing neo adjuvant chemotherapy for carcinoma breast	Dr C Bhavani	Radiology	Spotter	Dr M Nagajuna	Community Medicine
41	15.06.2023 (Thursday)	Transfusion Thresholds For Red Blood Cell Transfusions	Dr S Prashanth	Transfusion Medicine	-	-	-
42	17.06.2023 (Saturday)	Prospective study of comparison between point based and three dimension dimensional volumetric image based intra cavity brachytherapy in treatment of carcinoma cervix	Dr P Harika Bhavani	Radiotherapy	Spotter	C Narendra Reddy	Dentistry
43	22.06.2023 (Thursday)	Case of tuberculosis with peripheral gangrene with ANCA associated vasculitis	Dr G Anusha	TB& RD	-	-	-
44	29.06.2023 (Thursday)	Hypospadias	Dr V Praveen Kumar	Urology	-	-	-
45	01.07.2023 (Saturday)	A Cross sectional observational study on estimation of ABO anti A and B agglutinin titres among blood donors at a	Dr C Ravikant	Transfusion Medicine	Spotter	Dr Surekha	Dermatology

S. No	Date	Research presentation (Saturday)/ Case Presentation (Thursday)			Spotters presentation (Saturday)/ Debate Presentation (Thursday)		
		Topic	Speaker	Department	Topic	Speaker	Department
		tertiary care referral teaching hospital blood centre”					
46	06.07.2023 (Thursday)	General Anaesthesia Vs Spinal Anaesthesia for PCNL Surgeries	Dr Bharath Kumar & Dr Udaysuraj	Anaesthesiology & Critical care	-		
47	08.07.2023 (Saturday)	Role of cartridge based nucleic acid amplification test and pleural fluid Adenosine deaminase activity for diagnosis of Tuberculosis in exudative Pleural Effusion	Dr A R Chitanya	TB&RD	Spotter	Dr K Nithya	Emergency Medicine
48	13.07.2023 (Thursday)	Physiological Umbilical Hernia-Midgut rotation and associated anomalies	Dr M K Lalitha Kumari	Anatomy	-		
49	15.07.2023 (Saturday)	A Study of Impact of percutaneous Access Point Number and location on surgical outcomes in percutaneous Nephrolithotomy A Prospective Observational Study	Dr M Sindhura & Dr N Anil Kumar	Urology	Spotter	Dr Y Rajesh Reddy	Endocrinology
50	20.07.2023 (Thursday)	Calculated Parameters in Clinical Biochemistry	Dr P Kiranmayi & Dr N Harini Devi	Biochemistry	-		

S. No	Date	Research presentation (Saturday)/ Case Presentation (Thursday)			Spotters presentation (Saturday)/ Debate Presentation (Thursday)		
		Topic	Speaker	Department	Topic	Speaker	Department
51	22.07.2023 (Saturday)	Comparison of time for onset of action and intubating conditions using ED dose of rocuronium versus vecuronium during endotracheal intubation – A prospective randomized double – blind study	Dr Uday Suraj & Dr Vinay K	Anesthesiology & Critical care	Spotter	Dr S Nandhini	ENT
52	27.07.2023 (Thursday)	Optimal Medical Therapy vs Revascularization instable angina patients	Dr R Usha Rani & Dr G Harish Chowdary	Cardiology	-		
53	03.08.2023 (Thursday)	Syndromic approach for diagnosis of infectious diseases	Dr P Madhavi Latha	Clinical Virology	-	-	
54	05.08.2023 (Saturday)	Morphometric study of upper end of Tibia in Rayalaseema Region of Andhra Pradesh	Dr B Krishnaveni	Anatomy	Spotter	Dr B Rupesh Kumar Naik	Forensic Medicine
55	10.08.2023 (Thursday)	Carotid body tumour	Dr D Sri Satyavathi	CT Surgery	-	-	
56	12.08.2023 (Saturday)	Association of Hypothyroidism with components of Metabolic syndrome	Dr Mohammad Arslan	Biochemistry	Spotter	Dr Pushendra Gehlot Singh	Surgical GE
57	17.08.2023 (Thursday)	Syndromic approach to of sexually transmitted infections	Dr K Anjan Kumar	Community Medicine	-	-	-

S. No	Date	Research presentation (Saturday)/ Case Presentation (Thursday)			Spotters presentation (Saturday)/ Debate Presentation (Thursday)		
		Topic	Speaker	Department	Topic	Speaker	Department
58	19.08.2023 (Saturday)	Correlation between echo cardiography calcium scoring and CT coronary calcium score and its association with severity of coronary artery disease on catheter coronary angiogram in coronary artery disease	Dr P Varun	Cardiology	Spotter	Dr B soundarya	General Surgery
59	24.08.2023 (Thursday)	An interesting case of vegetative plaque on lips and check	Dr.Surekha A	Dermatology	-	-	
60	31.08.2023 (Thursday)	Dentigerous cyst Associated with Supernumerary teeth	Dr C.Narendra Reddy	Dentistry	-	-	
61	02.09.2023 (Saturday)	Mutation Analysis of SARS-CoV2 variants isolated from Symptomatic cases from Andhra Pradesh, Indian	Mrs K Sireesha	Clinical Virology	Spotter	Dr Ch panduranga Reddy	
62	07.09.2023 (Thursday)	Comparison between conventional intubation versus intubation laryngeal mask airway in trauma patients with facial injuries	Dr Nithya K & Dr Vardhan Reddy	Emergency Medicine	-	-	
63	09.09.2023 (Saturday)	Retrospective Study Intra Aortic Ballon Pump (IABP) in Coronary Artery Bypass Grafting	Dr D Sri Satyavathi	CT Surgery	Spotter	Dr M Srihari Rao	Microbiology
64	14.09.2023 (Thursday)	T3 therapy in Hypothyroidism Dr Y Rajesh Reddy &	Dr L Venkatesh	Endocrinology	-	-	

S. No	Date	Research presentation (Saturday)/ Case Presentation (Thursday)			Spotters presentation (Saturday)/ Debate Presentation (Thursday)		
		Topic	Speaker	Department	Topic	Speaker	Department
65	16.09.2023 (Saturday)	Antenatal Care Practices among Tribal Women in Chittoor District, Andhra Pradesh – A Community Based Study	Dr M Nagarjuna	Community Medicine	Spotter	Dr J Jeeja	Nephrology
66	21.09.2023 (Thursday)	Adenocarcinoma EAC	S Sushma	ENT	-	-	
67	23.09.2023 (Saturday)	Dental knowledge attitude, practices and oral hygiene status among patients with epilepsy in rayalaseema region Andhra Pradesh, India”	D S Madhu Babu	Dentistry	Spotter	Dr M Priyanka	Neurology
68	28.09.2023 (Thursday)	Hanging	Dr K Jyothi Prasad	Forensic Medicine	-	-	
69	05.10.2023 (Thursday)	Minimally invasive GI surgery – Laparoscopic surgery Vs Robotic Surgery	Dr Prudhvi Raj K & Dr Abhijeetjain	Surgical GE		-	
70	07.10.2023 (Saturday)	A prospective study of clinical patterns and assessment of causality and severity of cutaneous adverse drug reactions in a tertiary care hospital	Dr Surekha A	Dermatology	Spotter	Dr Y Praveen	Neurosurgery
71	12.10.2023 (Thursday)	A case of Gartner’s Duct Cyst	Dr V Dharmika	-	General Surgery	-	
72	14.10.2023 (Saturday)	Clinical profile of Rhabdomyolysis leading to	Dr Dinesh Kumar	Emergency Medicine	Spotter	Dr G Suryateja	Nuclear Medicine

S. No	Date	Research presentation (Saturday)/ Case Presentation (Thursday)			Spotters presentation (Saturday)/ Debate Presentation (Thursday)		
		Topic	Speaker	Department	Topic	Speaker	Department
		Acute Kidney injury in patients presenting to Emergency Department					
73	19.10.2023 (Thursday)	Corticosteroids Community Acquired Pneumonia Reddy &	Dr Ch Panduranga	Dr N Shashank	Medicine	-	-
74	21.10.2023 (Saturday)	Alteration in hormonal axes in men with severe acute illness	Dr. I. Venkatesh	Endocrinology	Spotter	Dr B Bhargavi	OBG
75	26.10.2023 (Thursday)	Serratia marcescens: A rare Opportunistic Socomial pathogen. pathogen.	Dr S Noble Ujesh	Microbiology	-	-	-
76	02.11.2023 (Thursday)	Antenatal Barter	Dr S Durga Prasad	Nephrology	-	-	-
77	04.11.2023 (Saturday)	Comparison of Allogenic Cartilage and Autologous Cortical Bone in Ossicular Reconstruction : A Comparative Study	Dr Prathyusha K	ENT	Spotter	Dr Yeswanth N	Surgical Oncology
78	09.11.2023 (Thursday)	Does Antiplatelet Resistance Exist in the Setting of Recurrent Ischemic Stroke? Not all cases of recurrent ischemic stroke are related to anti-platelet resistance:	Dr Kiran & Dr Srinivasulu,	Dept. of Medicine	Neurology	-	-
79	11.11.2023 (Saturday)	A Study on Pillion Rider Fatalities in Motorised Two-Wheeler Road Traffic Accidents	Dr B Rupesh Kumar Naik	Forensic Medicine	Spotter	Dr A Mouriya Reddy	Medical Oncology

S. No	Date	Research presentation (Saturday)/ Case Presentation (Thursday)			Spotters presentation (Saturday)/ Debate Presentation (Thursday)		
		Topic	Speaker	Department	Topic	Speaker	Department
80	16.11.2023 (Thursday)	Case presentation	Dr M Mahesh	Neurosurgery	-	-	
81	18.11.2023 (Saturday)	Post Cholecystectomy Bileduct injuries – Surgical outcomes	Dr Gurlal Sing	Surgical GE	Spotter	Dr K Sindhura	Ophthalmology
82	23.11.2023 (Thursday)	Management of meta- staticcastration resistant Prostate Cancer Non Radiology and Therapy Vs Radioling and Therapy	Dr V Nithya & Dr G Suryateja	Nuclear Medicine	-	-	
83	30.11.2023 (Thursday)	Bad Obstetric history	Dr D Sagarika	OBG	-	-	
84	02.12.2023 (Saturday)	Retrospective study of mannheium peritonitis index in predicting the outcome in patients presenting with secondary acute peritonitis	Dr G Mamatha	General Surgery	Spotter	Dr K VeeraSekhar	Pathology1
85	07.12.2023 (Thursday)	Local lignocaine infiltration during surgery for early breast cancer improves oncological outcomes	Dr G Mahesh Babu & Dr Yesweanth	Surgical Oncology	-	-	
86	09.12.2023 (Saturday)	Clinical Presentation and Pattern of Cardiac Involvement in Patients with Rheumatiac Heart Disease: A Prospective Observational Study	Dr M Arjun	Medicine	Isotretinoin induced nodulocysticacnec heliftis,xerosis with herpes labialis: A case report in t ertiary care hospita	Dr S Rajashekar	Pharmacology

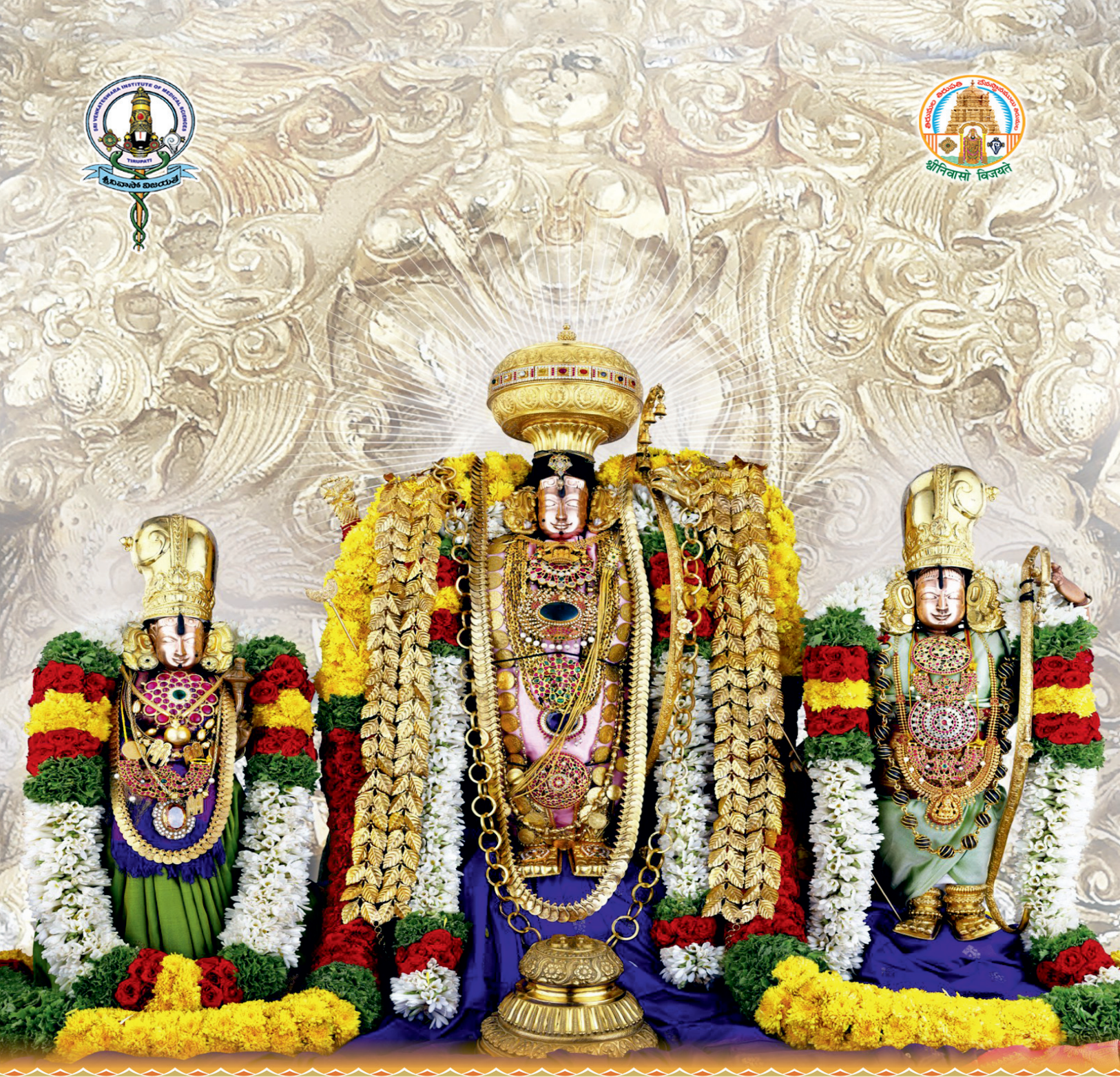
S. No	Date	Research presentation (Saturday)/ Case Presentation (Thursday)			Spotters presentation (Saturday)/ Debate Presentation (Thursday)		
		Topic	Speaker	Department	Topic	Speaker	Department
87	14.12.2023 (Thursday)	Adenoid Cystic Carcinoma of the Breast: an uncommon neoplas	Dr V Aditya	Medical Oncology	-	-	-
88	16.12.2023 (Saturday)	Assessment of blood culture contamination rate in a tertiary care Hospital: A single centre study of South India	Dr S Noble Ujesh	Microbiology	Spotter	Dr Durganjali B	Psychiatry
89	21.12.2023 (Thursday)	Both Eyes Primary Open Angle Glaucoma	Dr K Srividya	Ophthalmology	-	-	-
90	23.12.2023 (Saturday)	Covid-19 disease in peritoneal dialysis patients: single centre experience from India	Dr Nimesh Kamat	Nephrology	Spotter	Dr M Hari Priya	Physiology
91	28.12.2023 (Thursday)	Langerhans Cell Histiocytosis at A Rare Site -A Case Report	Dr K Veera Sekhar	Pathology	-	-	-

Annual Report 2023

6.0 Clinical Pathological Correlation (CPC) :

The Academic programme on Clinico Pathological Correlation (CPC) was introduced with effect from January, 2023 Every 4th Saturday, the programme is arranged between 8:00 a.m. to 9.00 a.m. Dr R. Ram, Prof.& Head, Dept. of Nephrology, Dr V.V. Ramesh Chandra, Prof.& Head, Dept. of Neurosurgery acted as coordinators for Medical & Surgical cases respectively. The programmes conducted for the year 2023 are as given below:

S.No	Date	Topic	Discussant
01	28.01.2023	A 18 year boy presented with chief complaints of breathlessness on exertion of three months duration	Dr V Viswanath Dept. of Cardiology
02.	25.02.2023	A 42 years old female patient with no known major Comorbidities presented with per-vaginal bleeding for fiftendays and abdominal pain for ten days	Dr Dharmika Dept. of General Surgery
03	25.03.2023	A 31 year old gentle man with complaints of paipable purpura on the lower limbs. The purpura of three months duration appeared in August 2020	Dr Sameeraja V Dept. of Medicine
04	29.04.2023	A female, 47 year oldhome maker, presented with low backache and lower abdominal pain of 2 ½ months duration.	Dr V Venkatarami Reddy Dept. of Surgical Gastroenterology
05	27.05.2023	A 6 year oldgirl presented with history of seizures – one month back	Dr Alok Sachan Dept. of Endocrinology
06	24.06.2023	A 64 year old female patient presented with chief complaints of nasal discharge, headache and progressive double vision of 2 months duration	Dr V V Ramesh Chandra Dept. of Neurosurgery
07	29.07.2023	A 15 year old girl presented with three episodes of paroxysmal events a day before SVIMS hospital admission for the first time in her life. • Clinical and lab data interpretation • Clinico-lab correlation and clinical pearls • Image Interpretation Moderator..	Dr Vigenesh Kumar Dept. of Medicine Dr R Nandhagopal Dept. of Neurology Dr Soumiya Dr Vijayalakshmi Dept. of Cardiology Dr R Nandhagopal Dept. of Neurology
08	26.08.2023	A 63 year old male presented with complaints of pain in the left login region of 2 months duration. He also complained of mild low backache of same duration.	Dr G Mahesh Babu Dept. of Surgical Oncology
09	30.09.2023	A 70 year old lady came with complaints of severe low back and left loin pain since six months duration, with increased severity since two months, dragging type, not related to activity radiation to left lower limb associated with swelling moderately relieving with medication	Dr RM Keerthana Dept. of Medical Oncology
10	28.10.2023	A 33 year old male, a construction worker; presented with bleeding from the posterior aspect of the left knee 3-4 hours duration.	Dr M Sindhura Dept. of Urology
11	25.11.2023	A 33 year old gentleman presented with the complaints of low back ache and difficulty in standing of 3 months duration.	Dr Jagriti Dept. of Nephrology
12	30.12.2023	A 34 year old woman sought medical attention when she noted that she was becoming somewhat fatigued while running her usual 30 to 40 km per week.	Dr Nithya K Dept. of Emergency Medicine



IV. RESEARCH ACTIVITIES



IV. Research Activities

As per section 4 of the act No.12 of 1995, one of the objectives of the institute is to conduct research in the relevant disciplines of modern medicine and other allied sciences, including inter-disciplinary fields of Physical and Biological Sciences.

The greatest asset of Sri Venkateswara Institute of Medical Sciences is its highly dedicated and motivated team of faculty, postgraduates, research scholars and para-medical staff, rendering their services to the patients with great determination and enthusiasm. To prove this, the faculty and postgraduates have won several awards in various conferences of national and international reputation for presenting their research work. Several research projects are being undertaken with the financial assistance from Government of India institutions like Director General of Health Services (DGHS), New Delhi; Indian Council for Medical Research (ICMR), New Delhi; Science & Engineering Research, New Delhi; Department of Biotechnology (DBT), New Delhi; Centre for Vedas Science Research (CVSR), Tirupati; ICMR-NCDIR, Bengaluru; INTEREST Trial, Vellore; NCDC, New Delhi; BIRAC, Govt. of India and Sri Balaji Aarogya Varaprasadini (SBAVP) scheme of SVIMS, TTD.

1.0 Abstract of the Publications

1. A well-formulated research question: The foundation stone of good research.

Parathasarathy S, Samantaray A, Jain D. Indian J Anaesth 2023;67:326-7.

Research, simply, can be defined as a systematic evaluation of a 'clinical problem'. The success of any research process depends upon the ability of the researcher to translate this clinical problem into a 'research question'. A well-formulated research question is the foundation stone of any research. It guides the researcher in determining the study's objectives, planning the right methodology, collecting and analysing data, and drawing inferences. A research question determines the scope and direction of the investigation, ensuring that the study stays focused and avoiding needless diversions. Secondly, a research question plays a pivotal role in defining the study's methodology. It directs the choice of methods for gathering and analysing data, ensuring that the study is designed to produce valid results. A well-formulated research question ought to be pertinent to the area of study and address a knowledge gap. This makes sure that the study advances knowledge while also providing useful information to policymakers or practitioners. The research question guides the population to be studied and the sample size needed for statistical power. This guarantees that the study's findings are broadly applicable to the target population and may be utilised to

arrive at informed clinical decisions. The research question also directs the researcher to recognise possible hazards and benefits to participants while also ensuring that the study is carried out in an ethical and accountable manner. Formulating a research question is an art. It should be framed in simple, clear language and should be comprehensible to anyone reading the article. The PICOT approach is an extensively used approach for framing a research question, which emphasises defining population, intervention, comparator, outcomes, and time frame (PICOT) in a research question. There is a subtle difference between a hypothesis and a research question. The research question presents an idea to be studied, whereas the hypothesis aims to answer the research question. By converting it into a statement, a research question can be converted into a hypothesis. For example, 'Does a pre-emptive nerve block decrease opioid consumption in nasal surgeries?' is a research question while the hypothesis converts the same to the following: 'a pre-emptive nerve block decreases opioid consumption in nasal surgeries'. There are different types of classifications of hypotheses: Simple versus complex. Simple means that there is one predictor and one outcome variable. 'In patients with diabetic neuropathy, the need for the local anaesthetic drug is decreased in nerve blocks' is simple, whereas the statement 'In patients with diabetic neuropathy, the drug deposition with combined ultrasound and nerve stimulation will decrease local anaesthetic need in blocks' has more predictor variables and is a complex hypothesis. There is another type of classification: specific

versus vague. Consider the statement, ‘How much is the reduction of sevoflurane requirements in entropy-controlled general anaesthesia by co-administering epidural analgesia?’ The hypothesis is clear and precise for a study plan. Now consider the following statement: ‘How much is the reduction of sevoflurane requirements in fixed-dose narcotic general anaesthesia by co-administering epidural analgesia at different sites?’ Here, the question is imprecise and a study plan is difficult to achieve. There is a very basic classification of hypothesis for the purpose of statistical analyses: null and alternate hypotheses. A general assertion that there is no correlation between two variables or two phenomena is known as a null hypothesis. Often, it is indicated by H_0 . A statement that asserts some statistical significance between two facts is known as an alternative hypothesis. H_1 or H_A are frequently used to indicate it. Prior to the study, the research hypothesis should be stated explicitly. The reporting guidelines from the EQUATOR Network website also emphasise the inclusion of the study hypothesis to be stated for any submitted manuscript. In some cases, researchers will propose a new theory after analysing the evidence, which has not been stated earlier. It is known as a post hoc hypothesis. For e.g., a study reveals that older individuals require more vasopressor use for the specified level of spinal anaesthesia. The above statement was the initial research question. Although this was previously stated clearly, the researchers added two post hoc hypotheses, including improved cognitive performance and decreased vomiting, after the analysis. Testing many hypotheses has the potential to exaggerate the significance of the results, and any type of hypotheses distortion is considered to be unethical in science. A strong research question is undoubtedly crucial for the creation of a high-calibre research paper. A precise and a well-defined research question ensures that the study tackles a particular problem or gap in the literature, by influencing the design, data collecting, and analysis of the study. The FINER acronym for a good research question stands for the following: feasible, interesting, novel, ethical, and relevant. The success of a submitted manuscript to be published in a medical journal is guided by various factors like appropriate study design, robust methodology, and good writing style meeting the specified norms for a scientific publication. It is crucial to remember that a strong research question does not, by itself, ensure publication, but it definitely lays a foundation stone for well-conducted research.

2. Myocardial bridges: An Ultra Structural Study.

Sujatha M, Nisha Parveen CB, Nageswara Rao G, Sunil Kumar U, Sunil Kumar U

J Cardiovasc Dis Res 2023;14:2.

Background: Humerus is the long bone located in the arm. The Nutrient foramen is an opening in the bone shaft. It allows the passage of nutrient artery which gives nourishment to the bone. The nutrient artery is the principal blood supply for long bones. Supratrochlear foramen is a small hole located at the distal epiphysis of the humerus. The supratrochlear foramen communicates the olecranon fossa with the coronoid fossa & is present over the trochlea of lower end of humerus. The main aim of the study is to determine the location, number and direction of nutrient foramen in relation to the growing end of adult humeri and also to observe the morphological features like incidence and shape of the supratrochlear foramen. **Material and Methods:** A total number 100 adult humeri were used for this study. The bones were observed for direction, location and number of nutrient foramen and incidence and shape of the supra trochlear foramen. The collected data was analyzed by using the SPSS software and the results were tabulated. **Results:** In the present study 95% of bones have single, 4% have double and 1% have triple nutrient foramina respectively. The location of nutrient foramina is found to be antero- medial surface in majority of the bones 94%, posterior surface in 4%, anterolateral surface in 1% and absent in 1% of bones. The direction of nutrient foramen is towards the elbow joint. In majority of the bones 91% nutrient foramina were located in the mid third of shaft of humerus, 8% in lower third and 1% in upper third. The supra trochlear foramen is seen in 18% of the bones. Among the 18 bones supra trochlear foramen is round in 10 humeri and oval in 8. **Conclusion:** The chief blood supply to the shaft of humerus is by a nutrient artery passing through the nutrient foramen. The knowledge of the location and direction of nutrient foramen is useful in surgical procedures done over humerus such as open reduction of fracture humerus, in newer transplantation and bone grafting techniques being attempted by orthopedic surgeons. The incidence of supratrochlear foramen is varies from one population to other. Knowing the incidence in this population will be helpful to the orthopedic surgeons and radiologists for operative procedures and diagnosis.

3. A Morphological Study of Adult Humerus.

Sujatha M, Sunil Kumar U, Nisha Parveen CB, Charitha GN, Vikas N.

J Cardiovasc Dis Res 2023;14:2.

Introduction: The heart is supplied by right and left coronary arteries. Coronary arteries are physiological end arteries but not anatomical. Coronary arteries are normally epicardial in position except in some cases where a segment of coronary artery is overlapped by a bunch of cardiac muscle fibres. This pattern of arrangement of cardiac fibres over a segment of coronary artery is known as myocardial bridging. Presence of myocardial bridges causes atherosclerotic changes in the pre bridged segment and bridged segment is spared from atherosclerosis.

Material and Methods: A total number of 200 heart specimens were observed for this study. A fresh non MLC specimens were included for scanning electron microscopic study. **Results:** Pre bridged segment of coronary vessel presented the thick tunica intima with atherosclerotic formation. The Polygonal epithelial cells were seen on the surface. In tunica intima plenty of elastic fibres were observed. Tunica media presented a clear muscular component with loose connective. Our present results are correlating with previous histology studies. **Conclusion:** Myocardial bridges are not an uncommon condition. Many histological studies are available in the review. In our study also we found the same conclusions as histological studies. The pre bridged segment is more prone for atherosclerotic changed than the bridged segment of coronary artery.

4. Correlates of atherosclerotic vascular disease in stable postrenaltransplant patients from South India.

Manual MB, Medooru KK, Yadagiri LA, Vanajakshamma V, Bitla AR, Rapur R, et al.

Indian J Transplant 2023;17:68-73.

Introduction: Renal transplant recipients (RTRs) show increased mortality after 1 st year of undergoing renal transplantation. Cardiovascular disease (CVD) is the major cause of mortality in these patients. Oxidative stress (OS), inflammation, and endothelial dysfunction (ED) represent a key triad for the onset and progression of atherosclerosis. The present study was undertaken to assess OS, inflammatory biomarkers, and ED as a surrogate marker of atherosclerosis in stable RTRs. **Materials and Methods:** Thirty stable post-RTRs along with 30 healthy

individuals as controls were included in the study conducted at a tertiary care teaching hospital in south India. Lipid profile; OS markers; malondialdehyde (MDA), ischemia-modified albumin (IMA), and ferric reducing ability of plasma (FRAP); inflammatory marker high-sensitivity C-reactive protein and interleukin 6 (IL-6); ED markers nitric oxide (NO) and P-selectin were estimated using standard methods. Lipid indices were calculated. Carotid intima-media thickness, two-dimensional echocardiogram, and renal Doppler scans were done. **Results:** No difference in lipid profile was observed between the RTRs and the control groups. RTRs had significantly higher oxidant markers (MDA and IMA), inflammatory marker (IL-6), marker of ED (NO), and lower antioxidant marker (FRAP) ($P < 0.05$) compared to the control group. RTRs had significantly more number of carotid plaques compared to the control group. A positive correlation was observed between number of carotid plaque and OS, ED, and inflammatory markers. **Conclusion:** RTRs have increased CVD risk despite undergoing renal replacement therapy. This can be attributed to the increased OS and inflammation which is seen in these patients.

5. Assessment of serum microRNA-21 and miRNA-205 as diagnostic markers for stage I and II breast cancer in Indian population.

Rama K, Bitla AR, Hulikal N, Yootla M, Yadagiri LA, Asha T, Manickavasagam M, Srinivasa Rao P.

Indian J Cancer 2023;doi: 10.4103/ijc.IJC_187_20..

Background: Current markers (carcinoembryonic antigen [CEA] and carbohydrate antigen 15-3 [CA15-3]) lack sensitivity in diagnosis of breast cancer. The aberrantly expressed circulating miRNAs were shown as diagnostic markers in breast cancer. However, there are very few studies from the Indian population. We studied the diagnostic utility of miRNA-21, miRNA-155 and miRNA-205 compared to CEA and CA15-3 in stage I and II breast cancer patients. **Materials and Methods:** Sixty newly diagnosed women with stage I/II breast cancer and 20 healthy controls were recruited. Expression of circulating miRNAs was studied using reverse transcription-polymerase chain reaction, whereas CEA and CA 15-3 were analyzed by enzyme-linked immunosorbent assay. **Results:** miRNA-21 and miRNA-155 were upregulated, miRNA-205 down-regulated ($P < 0.05$) and serum CEA and CA15-3 levels increased in breast cancer patients ($P < 0.001$). Receiver operating characteristic curve analysis

showed significant area under curve (AUC) for all markers (0.656 to 0.993; $P = 0.015$ to <0.001) validating their diagnostic potential. Unlike CEA and CA15-3, miRNAs retained their sensitivity even at higher cut-offs (95% CI of mean). Logistic regression analysis showed significant association between disease and marker positivity for miRNA-21 and miRNA-205 but not for miRNA-155. Combining CA15-3 with miRNAs did not improve their diagnostic performance. However, combining CEA with either miRNA-21 (AUC = 0.742; $P < 0.001$ versus AUC = 0.656; $P = 0.018$) or miRNA-205 (AUC = 0.733; $P < 0.001$ versus AUC = 0.700; $P < 0.001$) increased its diagnostic performance. **Conclusion:** Our study shows miRNA-21 and miRNA-205, are useful as diagnostic markers for breast cancer in the Indian population and combination of these miRNAs with CEA but not with CA 15-3 improved their diagnostic performance.

6. Effect of Iron Deficiency Anemia on Glycated Albumin Levels: A Comparative Study in Nondiabetic Subjects with Iron Deficiency Anemia.

Jyothsna P, Suchitra MM, Kusuma Kumari M, Chandrasekhar C, Rukmangadha N, Alok S, Siddhartha Kumar B.

J Lab Physicians 2022;15(2):253-258.

Objective: Glycated hemoglobin A1c (HbA1c), used for monitoring glycemia control, is altered in iron deficiency anemia (IDA). Glycated albumin (GA) is considered an alternate biomarker to HbA1c. However, effect of IDA on GA needs to be studied. **Materials and Methods** Thirty nondiabetic cases with IDA and 30 healthy controls were included. Fasting plasma glucose (FPG), creatinine, urea, albumin, total protein, ferritin, iron, unsaturated iron binding capacity, hemoglobin (Hb), HbA1c, complete hemogram, and GA were estimated. Transferrin saturation and total iron binding capacity (TIBC) were calculated. Statistical analysis was done using unpaired two-tailed *t*-test/Mann–Whitney *U*-test and Pearson's correlation/Spearman-rank correlation, as appropriate. **Results** Total protein, albumin, Hb, iron, ferritin, and transferrin saturation were significantly lower while FPG, GA, TIBC, and HbA1c were significantly higher in cases compared to controls. HbA1c and GA have a significant negative correlation with iron, transferrin saturation, and ferritin. Significant negative correlations of GA with albumin ($r = -0.754$; $p < 0.001$) and Hb ($r = -0.435$; $p = 0.001$) and that of HbA1c with albumin ($r = -0.271$; $p = 0.03$)

and Hb ($r = -0.629$; $p < 0.001$) while significant positive correlation of Hb with albumin ($r = 0.395$; $p = 0.002$) and HbA1c with FPG ($r = 0.415$; $p = 0.001$) were observed. **Conclusion** Low albumin levels increase plasma protein glycation, including albumin. Hence, elevated GA levels indicate false elevation of GA in scenario of lowered albumin observed in IDA, similar to HbA1c. Thus, using GA in diabetes mellitus with IDA should be avoided or used with caution to prevent potentially inappropriate treatment intensification and risk of hypoglycemia.

7. Markers of Oxidative Stress, Inflammation, and Endothelial Dysfunction in Diabetic and Nondiabetic Patients with Chronic Kidney Disease on Peritoneal Dialysis.

Nannapaneni SS, Nimmanapalli HD, Lakshmi AY, Vishnubotla SK.

Saudi J Kidney Dis Transpl 2022;33(3):361-72.

Chronic kidney disease (CKD) is a low-grade inflammatory state which is accompanied by elevated markers of oxidative stress, inflammatory, and endothelial dysfunction in patients on peritoneal dialysis (PD). These represent a key triad for the development and progression of atherosclerosis. The present study assessed the markers of oxidative stress, inflammatory and endothelial dysfunction in diabetic and non-diabetic CKD patients on PD. A cross-sectional study was undertaken on 100 CKD patients on PD, of whom 52 patients were nondiabetic and 48 were diabetic patients. Blood samples were estimated for malondialdehyde (MDA) and ferric reducing ability of plasma (FRAP) as markers of oxidative stress; interleukin (IL)-6, high-sensitivity C-reactive protein (hs-CRP), and fibrinogen as inflammatory markers; and markers of endothelial dysfunction such as nitric oxide (NO), carotid wall intimal medial thickness (CIMT), and number of plaques, among others. The MDA levels increased and FRAP levels decreased in both diabetic and nondiabetic CKD patients on PD. The levels of IL-6, hs-CRP, fibrinogen, NO, CIMT, and the number of plaques were significantly higher in diabetic patients than in nondiabetic CKD patients on PD. The lipid profile was significantly atherogenic in diabetic patients compared with nondiabetics CKD patients. The results showed increased oxidative stress, inflammation, and endothelial dysfunction in diabetic patients compared with nondiabetics CKD patients on PD.

8. Hepatocyte Growth Factor in Predialysis and Hemodialysis Chronic Kidney Disease Patients.

Vulugundam SC, Kiranmayi VS, Rao PVLNS, Vishnubhotla SK.

Saudi J Kidney Dis Transpl. 2022;33(1):58-65.

Chronic kidney disease (CKD) which is characterized by progressive loss of renal function and renal fibrosis is a worldwide public health problem. Hepatocyte growth factor (HGF) is a polypeptide that exhibits multiple functions including antifibrotic effects on kidneys. The present study was aimed at evaluating HGF levels and studying its association with markers of inflammation and oxidative stress in patients of predialysis and dialysis CKD. A total of 80 subjects including 20 healthy controls, 40 patients of CKD stage 1 to stage 5 (predialysis), and 20 CKD patients with end-stage renal disease on hemodialysis were recruited. HGF, high-sensitivity C-reactive protein (hsCRP), malondialdehyde (MDA), and ferric reducing ability of plasma (FRAP) were measured in all the subjects. HGF levels were significantly higher in all patients with CKD compared to controls. The levels were found to be lower in patients on dialysis than in the predialysis group; however, the difference was not statistically significant. hsCRP, MDA, and FRAP were significantly higher in all patients with CKD than in controls. HGF levels did not show a significant correlation with the markers studied. HGF levels were increased in response to renal injury in CKD patients. The levels were higher in predialysis patients of CKD than in CKD patients on dialysis. HGF levels may be used as an indicator of renal fibrosis in patients with CKD.

9. A Study of Oxidative Stress, Inflammation, and Endothelial Dysfunction in Diabetic and Nondiabetic Chronic Kidney Disease Pre-Dialysis Patients.

Koppara NK, Medooru KK, Yadagiri LA, Vishnubotla SK, Rapur R, Bitla AR.

Indian J Nephrol 2023;33:420-5.

Background: Oxidative stress, inflammation, and endothelial dysfunction represent a key triad for the development and progression of atherosclerosis. Due to chronic low-grade inflammation in chronic kidney disease (CKD), concentrations of various inflammatory, endothelial, and oxidative stress markers are elevated, increasing the risk of atherosclerosis. The present study

was undertaken to compare oxidative stress, inflammation, and endothelial dysfunction in diabetic and nondiabetic CKD pre-dialysis patients. **Materials and methods:** This was an observational study on 120 CKD pre-dialysis patients: 60 with diabetes and 60 without diabetes. Markers of oxidative stress were measured in blood - malondialdehyde (MDA), ferric reducing ability of plasma (FRAP), paroxonase-1 (PON-1), ischemia-modified albumin (IMA); inflammation - interleukin-6 (IL-6), high-sensitivity C-reactive protein (hsCRP); and endothelial dysfunction - nitric oxide (NO), carotid wall intima-media thickness (CIMT). Comparisons between the two groups for continuous variables were made with the Student's unpaired t-test or Mann-Whitney test and for categorical values with χ^2 -test, as appropriate. **Results:** MDA, IMA, IL-6, hsCRP, NO, and CIMT were significantly higher, while FRAP and PON-1 were significantly lower in the diabetic group when compared to nondiabetic group ($P < 0.001$). The number of atherosclerotic plaques was also significantly higher in the diabetic group compared to nondiabetic group. **Conclusion:** Our study showed increased oxidative stress, inflammation, endothelial dysfunction, and atherosclerosis in diabetic CKD pre-dialysis patients when compared to nondiabetic CKD pre-dialysis patients and in late stages when compared to early stages of CKD in both groups, indicating increased cardiovascular risk in late stages and diabetic CKD pre-dialysis patients.

10. Comparative study of open Transforaminal Lumbar Interbody Fusion (TLIF) and Minimally Invasive Transforaminal Lumbar Interbody Fusion (MISTLIF) based on clinical outcome, radiological outcome, tissue injury markers and radiation exposure.

Srikanth T, Thota S, Venkat K, Ramesh Chandra VV, Prasad BCM.

J Krishna Inst Med Sci Univ 2023;12:107-14.

Background: Spondylolisthesis refers to forward slippage of one vertebral body with respect to the one beneath it. Spondylolisthesis is treated with spinal fusion which can be open spinal fusion or minimally invasive fusion. Minimal Invasive Transforaminal Lumbar Interbody Fusion (MISTLIF), is the most popular type of minimally invasive fusion. No consensus is available regarding best type of fusion surgery till date. **Aim and Objectives:** To evaluate the clinicoradiological outcome, changes in tissue injury

markers and radiation exposure between open TLIF and MIS TLIF. **Materials and Methods:** A clinical series of 70 patients with symptomatic lumbar spondylolisthesis who underwent surgery (Open TLIF-35, MISTLIF-35) were included in the study. Clinical outcome and the function were assessed using the Visual Analogue Scale (VAS) score for pain and the Oswestry Disability Index (ODI). Serum levels of creatine phosphokinase and C-reactive protein were measured on pre-operative day and post-operatively on days 1 and 3. Radiation exposure levels were quantified with a dosimeter which was worn by operating surgeon over the lead apron. **Results:** A total of seventy patients (Open TLIF-35, MISTLIF-35) were included in the study. The preoperative demographic, clinical, biochemical, and radiological parameters were comparable in both the groups. The patients in both the groups had significant improvement in VAS and ODI scores postoperatively. The fusion rates in the follow up were same in both the groups. The patients in MISTLIF group scored better over the open TLIF group in terms of intraoperative blood loss, requirement for blood transfusions, requirement of postoperative analgesia and muscle injury markers. The rate of complications was more in the open TLIF group; however, the radiation exposure was less in the open group. **Conclusion:** The postoperative VAS, ODI scores and fusion rates were similar in both groups. MISTLIF results in less tissue damage which accounts for lesser blood loss, shorter hospital stay and lesser postoperative analgesia requirements with increased radiation exposure being a shortcoming.

11. Ursolic acid regulates key EMT transcription factors, induces cell cycle arrest and apoptosis in MDA-MB-231 and MCF-7 breast cancer cells, an in-vitro and in silico studies.

Venkataswamy Mallepogu, Karunakaran Reddy Sankaran, Chiranjeevi Pasala, Lokesh Reddy Bandi, Rajasekhar Maram, Umamaheswari Amineni, Balaji Meriga.

doi.org/10.1002/jcb.30496.

Abstract: Epithelial–mesenchymal transition (EMT) is a vital process in tumorigenesis and metastasis of breast cancer. In our quest to explore effective anticancer alternatives, ursolic acid (UA) was purified from *Capparis zeylanica* and investigated for its anticancer activity against MDA-MB-231 and MCF-7 breast cancer cells. The apparent anticancer activity of UA on MDA-MB-231 and MCF-7 cells was evident from IC50 values of 14.98 and 15.99 $\mu\text{g/mL}$, respectively, in MTT assay

and also through enhanced generation of ROS. When MDA-MB-231 and MCF-7 cells were treated with 20 $\mu\text{g/mL}$ UA, an absolute decrease in cell viability of 47.6% and 48.6%, enhancement of 1.35% and 1.10% in early apoptosis, and 21.90% and 21.35% in late apoptosis, respectively and G0/G1 phase, S phase, G2/M phase cell cycle arrest was noticed. The gene expression studies revealed that UA could significantly ($p < 0.001$) downregulate the expression of EMT markers such as snail, slug, and fibronectin at molecular level. Further, the obtained in vitro results of snail, slug, and fibronectin were subjected to quantum-polarized-ligand (QM/MM) docking, which predicted that the in silico binding affinities of these three markers are in good correlation with strong hydrogen and van der Waal interactions to UA with “53.865, “48.971 and “40.617 MMGBSA (ΔG_{bind}) scores, respectively. The long-range molecular dynamics (50 ns) simulations have showed more consistency by UA. These findings conclude that UA inhibits breast cancer cells growth and proliferation through regulating the expression of key EMT marker genes, and thus UA is suggested as a potential anticancer agent.

12. Synthesis, Molecular Docking Studies and Biological Evaluation of N-(α -Benzamido Cinnamoyl) Piperonal Hydrazones.

Saritha K, Sarala Devi T, Vidya Rani M, Sudheer Kumar K, Umamaheswari A, Rajitha G.

Letters in Drug Design & Discovery. (2023). DOI: 10.2174/1570180820666230816091339.

Background: Nowadays, inflammation is recognized as the underlying cause of a number of diseases, but NSAIDs are the first drug of choice, having several side effects. Additionally, excessive cellular oxidative stress is often considered a major contributor to pathophysiological conditions, the development of cancer, and other diseases. Antimicrobial resistance is a global concern, hence, there is a critical need for the development of novel therapeutic agents to fight the emergence and increasing prevalence of resistant pathogens. This creates an initiation to introduce new molecules which act as efficient therapeutic agents with diminished side effects. **Objective:** As a part of our search for newer agents with enhanced activity profiles, it was planned to synthesize novel 2- (benzamido)-N-((benzo[d][1,3]dioxol-4-yl)methylene)-3-(substituted phenyl) acrylohydrazides and to investigate them for antiinflammatory, antioxidant, cytotoxic, antimicrobial activities. Furthermore, in silico studies were performed

for title compounds to predict molecular properties, bioavailability, drug-likeness, and bioactivity scores, molecular docking studies were also performed against biological targets. **Methods:** The title compounds 1-14 were synthesized by nucleophilic addition of piperonal in ethanol, few drops of acetic acid to the intermediate 2-(benzamido)-3-(aryl)acrylohydrazides. The title compounds were tested for their antiinflammatory activity by in vivo carrageenan-induced rat paw edema method, in vitro COX-2 inhibition assay; in vitro cytotoxic activity evaluation by MTT assay; antioxidant activity by Lipid peroxidation, DPPH assay, Nitric Oxide scavenging assay and Hydrogen peroxide scavenging assay; and antimicrobial activity by cup plate method. Physicochemical properties and bioactive scores of title compounds were evaluated by in silico studies. Molecular docking studies were carried out for the title compounds against COX-2 and EGFR. **Results:** Among the series, 4-Hydroxy-3, 5-dimethoxy derivative (5) displayed good anti-inflammatory and antioxidant activities; Vanillinyl derivative (4) displayed good cytotoxicity and antimicrobial activity when compared to that of the respective standards. Compounds 5 & 4 also exhibited good docking scores with COX-2 and EGFR, respectively. All title compounds obeyed Lipinski's rule of five and also exhibited acceptable molecular properties, drug-likeness properties, and moderate to good bioactivity scores in in silico studies. **Conclusion:** The study suggested that the title compounds showed notable pharmacological properties, could emerge as lead compounds, and be further explored as promising therapeutic agents .

13. Acrylamide toxicity inhibits chick embryo hepatic alpha, mu, and pi-glutathione S-transferases: molecular dynamic simulations, substrate specificity, and docking.

Venkataswamy M, Rani E. Mallapu, Nagalakshamma V, Chiranjeevi P, Jayasekhar Babu P, Umamaheswari A, Balaji M, Thyaga Raju K

Toxicol Environ Health Sci 2023. <https://doi.org/10.1007/s13530-023-00183-8>.

Purpose: This study aims to analyze the effect of acrylamide (AC) on hepatic cells of fertilized eggs. The subclasses of glutathione S-transferases and histological variations in serum and liver samples were analyzed in AC-induced chick embryos. **Results:** Our results showed that the levels of alanine aminotransferase, serum aspartate

aminotransferase, and alkaline phosphatase were significantly ($p < 0.05$) elevated in the liver of AC-treated chick embryo groups compared to control. In addition, AC-treated groups exhibited a significant ($p < 0.05$) decreased levels of glutathione content (GSH), glutathione reductase, GSTs, and increased malondialdehyde (MDA levels) in hepatic tissue of chick embryos. Furthermore, liver GSTs binding to various substrates such as CDNB, EPNP, pNPA, BSP, pNBC, "5-androstene-3, 17-dione, and EA was significantly ($p < 0.05$) decreased in AC-treated chick embryo groups compared to control. Histopathology examination (H&E staining) of the AC-treated chick embryo liver showed liver damage to a larger extent, specifically cytoplasmic vacuolation, pyknotic nuclei and blood vein congestion with patchy degeneration were observed. Further, the obtained in vitro results of α -GST, ι -GST, and δ -GST were subjected to rigid receptor docking and quantum-polarized-ligand docking, which predicted that the in silico binding affinities of these classes of GSTs are in good correlation with strong hydrogen and van der Waal interactions to AC with "32.760, "26.254, "33.594 and "36.287, "33.980 and "36.363 kcal/mol MMGBSA (ΔG_{bind}) scores respectively. The long-range molecular dynamics (50 ns) simulations have shown more consistency by AC. **Conclusion:** The in vivo and in silico findings conclude that AC resulted in the dysfunction of the liver by altering its biochemical markers, α -GST, ι -GST, and δ -GST, as well as by histological changes, and thus, AC is suggested as a more harmful agent in developing chick embryo.

14. Virtual Screening, Molecular Docking, and Dynamic Simulations Revealed TGF- β 1 Potential Inhibitors to Curtail Cervical Cancer Progression.

Pavan Kumar Poleboyina, Vankadoth Umakanth Naik, Akbar Pasha, Doneti Ravinder, Shivaji Bhanothu, Sneha Malleswari Poleboyina, Umamaheshwari A, Smita C Pawar

Biochem Biotech 2023. doi.org/10.1007/s12010-023-04608-5.

Cervical cancer is one of the main causes of cancer death in women globally, and its epidemiology is similar to that of a low-infectious venereal illness. Many sexual partners and early age at first intercourse have been demonstrated to have a significant influence on risk. TGF- β 1 is a multifunctional cytokine that is required for cervical carcinoma metastasis, tumor development, progression, and invasion. The TGF- β 1 signaling system plays a paradoxical

function in cancer formation, suppressing early-stage tumor growth while increasing tumor progression and metastasis. Importantly, TGF- β 1 and TGF- β receptor 1 (TGF- β R1), two components of the TGF- β signaling system, are substantially expressed in a range of cancers, including breast cancer, colon cancer, gastric cancer, and hepatocellular carcinoma. The current study aims to investigate possible inhibitors targeting TGF- β 1 using molecular docking and dynamic simulations. To target TGF- β 1, we used anti-cancer drugs and small molecules. MVD was utilized for virtual screening, and the highest scoring compound was then subjected to MD simulations using Schrodinger software package v2017-1 (Maestro v11.1) to identify the most favorable lead interactions against TGF- β 1. The Nilotinib compound has shown the least XP Gscore of -2.581 kcal/mol, 300ns MD simulations revealing that the Nilotinib- TGF- β 1 complex possesses the lowest energy of -77784.917 kcal/mol. Multiple parameters, including Root Mean Square Deviation, Root Mean Square Fluctuation, and Intermolecular Interactions, were used to analyze the simulation trajectory. Based on the results; we conclude that the ligand nilotinib appears to be a promising prospective TGF- β 1 inhibitor for reducing TGF- β 1 expression and halting cervical cancer progression.

15. Identification of a natural antagonist for signal transducer and activator of transcription 3 (STAT3) by computational approach.

Syeda Mobeen Anjum, Katari Sudheer Kumar, Umamaheswari A, Dinesh Lakhnupal, Sandeep Swargam, Khateef Riazunnisa, Thummala Chandrasekhar.

Results Chem 2023. RECHEM_100970.

The transcription factor family includes the cluster protein signal transducer and activator of transcription 3 (STAT3). Colorectal cancer (CRC) is predisposed to develop and spread when STAT 3 is abnormally activated because it speeds up cell division, prevents differentiation, and suppresses apoptosis. Only a small number of phytochemicals such as curcumin have been solidly demonstrated in clinical trials to lower the risk of CRC based on dose as well as confounding variables. Enthused by literature citations, we aimed in the present work to design novel antagonists against STAT3 using phytocompounds of two medicinal plants (Catharanthus roseus and Moringa oleifera) by integration of in-vivo and in-silico strategy. In-silico analysis was intended with receptor STAT3 (PDB ID: 6QHD), ligands

(97 tentatively identified GC-MS compounds), and standard drugs (regorafenib and irinotecan) by docking and simulation analysis via tools such as Maestro v.11.9, LigPrep, Epik v.4.7, QikProp v.5.1, Glide v.8.2 of Schrodinger LLC-2019.1, and Desmond v.3.8. Docking studies exemplifies that STAT3 depicted better binding affinity with pyrrole (3,4-C) pyrrole-1-carboxylic acid, octadecanoic acid, and 2,3-dihydroxypropyl ester, (“7.266 kcal/mol, and “7.124 kcal/mol) as compared with standard drugs (regorafenib, and irinotecan). Further, the molecular dynamics analysis of these two lead complexes for 100 ns validates the stability, superiority of the vital interactions and also retained all over the trajectories besides fulfilling the ADMET criteria. Thus, the proposed leads act as valuable starting points and ideal candidates to be developed as drug candidates for CRC patients if synthesized and tested *in-vitro*, *in-vivo*, and in animal models after further detailed investigations.

16. Morphological and Molecular characterization of Ustilagoidea Virenstirupati Isolate Causing False Smut in Rice (Oryza Sativa L).

Srikanth K, Amaravathi Y, Rajasekharam T and Umamaheswari A.

The Journal of Research Angrau 2023;51(2):11-21.

Rice false smut disease, an emerging threat to rice cultivation worldwide due to its detrimental effects on both grain yield and quality. The study was conducted on characterization of rice false smut fungus viz., *U. virens* Tirupati isolate in the year 2020-21. It has white coloured fluffy, compact and leathery mycelium with slight undulations and orange or yellowish chlamydospores. The *U. virens* Tirupati isolate was molecularly characterized by sequencing ITS amplicon of 439 bp (GenBank accession number ON987217.1). The phylogenetic analysis revealed that *U. virens* Tirupati isolate was different from other strains such as MAFF 240994, strain iJS62, strain UV-8b, strain P1, *Ustilagoidea usambarensis* and it formed a separate cluster with *Ustilagoidea virens* syl.

17. Clinical Presentation and Pattern of Cardiac Involvement in Patients with Rheumatic Heart Disease: A Prospective Observational Study.

Arjun M, Rajasekhar D, Alladi Mohan, Abha Chandra, Vijayalakshmi Devi B, Sai Lahari Sangaraju.

J Practice Cardio Vascul Sci 2023;9:116.

Context: Rheumatic heart disease (RHD). **Aim:** The aim of the study was to study the clinical presentation and pattern of cardiac involvement in adult patients with RHD. **Settings and Design:** This was a prospective observational study from a tertiary care hospital in South India. **Subjects and Methods:** Consecutive adult patients diagnosed with and treated for RHD in our tertiary care teaching hospital in Tirupati were screened for inclusion. In all patients, details of appropriate laboratory and imaging investigations that have been carried out were noted. **Statistical Analysis Used:** Descriptive statistics (frequencies, mean standard deviation, and median [interquartile range (IQR)]) were reported. **Results:** A total of 120 patients were enrolled. Their mean age was 45.7-12.2 years; there were 79 females. The median (IQR) follow-up was 364 (156-702) weeks. Single-valve disease was seen in 51.7% (n = 62); others (n = 58) had multivalvular disease (mitral stenosis [MS] + aortic regurgitation [AR] [n = 47, 81%] and mitral regurgitation + AR [n = 11, 19%]). Among patients with single-valve involvement, 58 (93.5%) had mitral valve disease. Overall, 116 of 120 (96.6%) patients had mitral valve involvement. Among patients with mitral valve disease (n = 116), MS was severe in 62 (51.6%). Atrial fibrillation was evident in 59 (49.2%) patients; of these, 8 had cardioembolic strokes. Forty-four (36.7%) had undergone percutaneous transvenous mitral commissurotomy. Prosthetic mitral valve obstruction was observed in 2/20 patients who had undergone mitral valve replacement or double-valve replacement. **Conclusions:** In patients with RHD, mitral valve involvement (either alone or in combination with the aortic valve) was most common; MS was most common.

18. Impact of heartfulness mediation on oxidative stress markers in medical students of SVIMS University.

Pujitha K, Sharan B Singh M, Vanajakshamma V, Sharvani N, Kiranmayi VS.

Ind J Cardiol 2023; 26(1-2):25-9.

19. Clinical utility of reverse perfusion pattern with 99mTc myocardial stress perfusion scintigraphy.

Ajit N, Manthri RG, Velam V, Mohan VK, Rallapeta RP, Kalawat TC.

J Clin Sci Res 2023;12:186-9.

Background: Reverse distribution is a pattern that is occasionally observed with 99mTc sestamibi myocardial stress perfusion scintigraphy. The actual cause for this kind

of pattern to occur is still under evaluation with no specific aetiology identified. **Methods:** We retrospectively studied 1195 patients who underwent 99mTc sestamibi myocardial stress perfusion scintigraphy. There was no history of acute myocardial infarction 1 month before the scan; no prior percutaneous transluminal coronary angioplasty was performed in any of these patients. Twenty-seven patients (2.2%) were found to have reverse distribution pattern based on the criteria after ruling out artefacts. **Results:** Their mean age was 53.5 ± 10.4 years; there were 18 females. Their mean body mass index (BMI) was 27.6 ± 3.4 kg/m². Six patients had a history of hypertension, 4 patients had a history of diabetes mellitus and 2 patients had both before the scan. Scan findings suggested low probability for coronary artery disease (CAD) in 24 patients and high probability for CAD in three patients. Left anterior descending artery (LAD) territory, posterior descending artery and left circumflex (LCX) artery territory were involved in 22, 8 and 1 patient respectively. The mean time of follow-up was 36.3 ± 4.3 months. None of the patients later had any recurrent episode of chest pain or worsening of symptoms or sentinel events such as death after the scan. **Conclusions:** Reverse distribution pattern is sometimes observed with 99mTc-MIBI stress MPI. Such a finding has minimal prognostic significance, especially in patients with low and intermediate probability for CAD on imaging.

20. Correlates of Atherosclerotic Vascular Disease in Stable Postrenal Transplant Patients from South India.

Manual MB, Medooru KK, Yadagiri LA, Vanajakshamma V, Bitla AR, Ram R, Vishnubotla SK

Indian J Transplant 2023;17:68-73.

Introduction: Renal transplant recipients (RTRs) show increased mortality after 1st year of undergoing renal transplantation. Cardiovascular disease (CVD) is the major cause of mortality in these patients. Oxidative stress (OS), inflammation, and endothelial dysfunction (ED) represent a key triad for the onset and progression of atherosclerosis. The present study was undertaken to assess OS, inflammatory biomarkers, and ED as a surrogate marker of atherosclerosis in stable RTRs. **Materials and Methods:** Thirty stable post-RTRs along with 30 healthy individuals as controls were included in the study conducted at a tertiary care teaching hospital in south India. Lipid profile; OS markers; malondialdehyde (MDA), ischemia-modified albumin (IMA), and ferric reducing ability of

plasma (FRAP); inflammatory marker high-sensitivity C-reactive protein and interleukin 6 (IL-6); ED markers nitric oxide (NO) and P-selectin were estimated using standard methods. Lipid indices were calculated. Carotid intima-media thickness, two-dimensional echocardiogram, and renal Doppler scans were done. **Results:** No difference in lipid profile was observed between the RTRs and the control groups. RTRs had significantly higher oxidant markers (MDA and IMA), inflammatory marker (IL-6), marker of ED (NO), and lower antioxidant marker (FRAP) ($P < 0.05$) compared to the control group. RTRs had significantly more number of carotid plaques compared to the control group. A positive correlation was observed between number of carotid plaque and OS, ED, and inflammatory markers. **Conclusion:** RTRs have increased CVD risk despite undergoing renal replacement therapy. This can be attributed to the increased OS and inflammation which is seen in these patients.

21. Impact of Heartfulness meditation on improving antioxidant status and lipid profile in patients with coronary artery disease.

HariPriya M, Sharvani N, Vanajakshamma V, Singh SB, Kiranmayi VS, Kishorenaick D.

Indian J Clin Cardiol 2023.

Introduction: Oxidative stress plays an indispensable role in the pathogenesis of coronary artery disease (CAD). Several studies suggest that meditation can reduce oxidative stress and improve antioxidant status. This study was designed to evaluate the impact of heartfulness meditation on antioxidant status and lipid profile in patients with coronary artery disease. **Methods:** Fifty-nine angiographically diagnosed CAD patients were included in the study. Patients who were enrolled practiced heartfulness meditation for a period of six months. Protein thiol (an antioxidant marker), serum total cholesterol (TC), triglycerides (TG), high-density lipoproteins (HDL-C), low-density lipoproteins (LDL-C), and very low-density lipoproteins (VLDL-C) were measured under fasting conditions before and after six months of meditation practice. **Results:** After six months of practice of heartfulness meditation, there was a statistically significant increase in HDL-C (39.10 ± 8.30 vs. 42.85 ± 8.16 , $p < .01$) and an antioxidant marker protein thiol (257.34 ± 39.68 vs. 345.31 ± 57.53 , $p < .0001$). The mean levels of triglycerides (205.81 ± 88.31 vs. 182.53 ± 93.57 mg dl $\{^{-1}$), VLDL-C (41.18 ± 17.64 vs. 36.51 ± 18.71 mg dl $\{^{-1}$),

and total cholesterol (170.02 ± 40.10 vs. 164.46 ± 42.20 mg dl $\{^{-1}$) decreased following the intervention, although the differences were not statistically significant.

Conclusion: Heartfulness meditation is an effective means to decrease free radical formation and improve antioxidant status and lipid profile in CAD patients. As a result of this study, regular meditation practice has the potential to be one of the most effective non-pharmacological strategies for CAD prevention.

22. Spontaneous Subclavian Axillobrachial Artery Aneurysm A Rare Case Report.

Davulury SS, Bhan V.

IJVES Case Rep Innov Images 2023;1:33-5.

Aneurysms of Subclavian, Axillo-Brachial arterial segments are rare in occurrence. We report a case of spontaneous aneurysm involving subclavian artery with pseudoaneurysm of axillary artery due to degenerative etiology in a 40-year-old male, presented with pulsatile left axillary swelling and intermittent claudication of left upper limb. Duplex scanning and computed tomography angiography confirmed diagnosis of left subclavian artery aneurysm and pseudoaneurysm of axillary artery with brachial artery occlusion. Patient underwent aneurysmectomy and interposition vascular graft reconstruction with Impra BIRDD 6 mm vascular graft from proximal subclavian artery to proximal brachial artery with an uneventful recovery. Pathological biopsy suggestive of degenerative etiology. This case is reported in view of unusual presentation of spontaneous degenerative aneurysm of subclavian artery and pseudoaneurysm of axillary artery. No other similar case was reported in the literature to the best of our knowledge involving subclavian axillobrachial segment.

23. Unusual Presentation of Multiple Cavernous Hemangiomas of the Head and Neck: A Case Series.

Davulury SS, Bhan V.

Indian J Vascul Endovasc Surg 2023;1:39-42.

Hemangiomas are rare vascular malformations involving any region, most commonly thorax, limbs and head and neck region. We report a series of 2 cases who underwent surgical management for multiple cavernous hemangiomas involving the head and neck. The 1st case is a 20-year-old female with huge swelling over the right side of the face and neck, left-sided facial, swelling and over floor of

the mouth, she underwent excision of right-sided huge mass with follow-up for remaining lesions. 2nd case is 48 years old female with progressive swelling over both sides of neck for 10 years and dorsum of the tongue, she underwent surgical excision of bilateral neck swellings. Both cases pathological analysis suggestive of Cavernous hemangioma. Both of them were under regular follow-up for possible recurrence or progression of other lesions.

24. Neurogenic Pulmonary Edema following Carotid Intervention: A Rare Case Report.

Davulury, Sri Satyavathi; Bhan, Vinod; Vikrama, K S Amitha.

Indian J Vascul Endovasc Surg 2023;1:67-71.

Extracranial carotid artery aneurysms are rare complication of atherosclerotic degeneration or traumatic neck injury and are managed with interventional and open surgical approaches with variable results. In cases with technical difficulties rarely managed with parent artery embolization. We present a case of a 50-year-old male with prior history of blunt neck injury during road traffic accident and presented with left-sided neck swelling 8 years after injury, diagnosed with internal carotid artery pseudoaneurysm, managed with parent artery embolization, 3 days later presented with hemiplegia and sudden respiratory distress, evaluated and diagnosed as massive cerebral infarct and acute pulmonary edema, managed with ventilator support and improved clinically within 48 hours, extubated. However patient developed sepsis during the hospital stay and succumbed to disease after 20 days. We present this case in view of rare presentation of neurogenic pulmonary edema following carotid intervention.

25. Mutation Analysis of SARS-CoV-2 Variants Isolated from Symptomatic Cases from Andhra Pradesh, India.

Nagaraja M, Sireesha K, Srikar A, Sudheer Kumar K, Mohan A, Vengamma B, Tirumala C, Verma A, Kalawat U.

Viruses 2023;15:1656.

There has been a continuous evolution in the SARS-CoV-2 genome; therefore, it is necessary to monitor the shifts in the SARS-CoV-2 variants. This study aimed to detect various SARS-CoV-2 variants circulating in the state of Andhra Pradesh, India. The study attempted to sequence the complete S-gene of SARS-CoV-2 of 104 clinical

samples using Sanger's method to analyze and compare the mutations with the global prevalence. The method standardized in this study was able to amplify the complete length of the S-gene (3822 bp). The resulting nucleotide and amino acid mutations were analyzed and compared with the local and global SARS-CoV-2 databases using Nextclade and GISAID tools. The Delta variant was the most common variant reported in the present study, followed by the Omicron variant. A variant name was not assigned to thirteen samples using the Nextclade tool. There were sixty-nine types of amino acid substitutions reported (excluding private mutations) throughout the spike gene. The T95I mutation was observed predominantly in Delta variants (15/38), followed by Kappa (3/8) and Omicron (1/31). Nearly all Alpha and Omicron lineages had the N501Y substitution; Q493R was observed only in the Omicron lineage; and other mutations (L445, F486, and S494) were not observed in the present study. Most of these mutations found in the Omicron variant are located near the furin cleavage site, which may play a role in the virulence, pathogenicity, and transmission of the virus. Phylogenetic analysis showed that the 104 complete CDS of SARS-CoV-2 belonged to different phylogenetic clades like 20A, 20B, 20I (Alpha), 21A (Delta), 21B (Kappa), 21I (Delta), 21J (Delta), and 21L (Omicron).

26. Saliva as an Alternative to Nasopharyngeal Swab for Detection of SARS-CoV-2 using RT-PCR as a Diagnostic Method: A Cross-sectional Study.

Anju Verma, Anagoni Srikar, AM Padmalatha, Alladi Mohan, Mudhigeti Nagaraja, Usha Kalawat.

Nat J Laborat Med 2023;12:MO34-MO38.

Introduction: Nasopharyngeal Swab (NPS) sample is considered as gold standard for the detection of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) but is relatively invasive, and is perceived as uncomfortable by the patient while saliva sample collection is easy, non invasive, more acceptable and can be self-collected without requirement of any healthcare professional or expert. **Aim:** To validate the use of saliva as a biological sample for the diagnosis of SARS-CoV-2 in comparison to NPS for the detection of SARS-CoV-2 in clinically suspected patients. **Materials and Methods:** This was a cross-sectional study conducted at Department of Clinical Virology, Sri Venkateswara Institute of Medical Sciences, Andhra Pradesh, India from 28th January 2022 to 16th February 2022. Patients attending Medicine

Outpatient Department (OPD) with signs and symptoms suggestive of SARS-CoV-2 infection were included in the study. Self-collected saliva sample and NPS collected by healthcare personnel from all patients were assigned separate identification numbers and sent to the laboratory for Reverse Transcription Polymerase Chain Reaction (RT-PCR). RT-PCR results of the two tests were compared in terms of percentage agreement and Cycle Threshold value (CT value). Statistical analysis was done using Jefferies Amazing Statistical Program 0.16.2 software (JASP).

Results: A total of 352 patients were registered, of which 211 (59.94%) were male and 141 (40.05%) were female. Eight patients were excluded because of inconclusive results, hence a total of 344 patients were included in the study. Among the NPS samples, 88 (25.58%) samples tested positive for SARS-CoV-2 and 256 (74.41%) samples tested negative whereas with saliva samples, 54 samples (15.40%) tested positive and 290 samples (84.60%) were negative for SARS-CoV-2. Among NPS positive samples, only 46 were positive with saliva sample, while among the NPS negative samples, only 248 were negative and eight samples were positive for SARS-CoV-2 with saliva samples. Positive percent agreement, negative percent agreement and overall agreement of saliva sample with respect to NPS were 52.5%, 96.87% and 85.46%, respectively. Mean and standard deviation for CT value of E gene, Open Reading Frame (ORF) gene and Ribonucleic Acid (RNA) dependent RNA polymerase (RdRp) gene with saliva samples were 26.62 ± 3.7 , 27.07 ± 3.9 and 27.05 ± 4.0 , respectively and that of NPS were 25.87 ± 4.9 , 24.78 ± 5.3 and 24.50 ± 5.2 , respectively.

Conclusion: Saliva sample is an easy, convenient, and economic alternative to NPS but because of its low positive percent agreement with that of NPS, it should be used only in resource-limited settings involving a shortage of personal protective equipment and viral transport media during the pandemic.

27. Detection of Chlamydia trachomatis and Herpes Simplex Virus-2 Infections Among Clinically Suspected Women with Cervical Cancer or Precancerous Lesions.

Soumya D, Meenakshi K, Nagaraja M, Rishi Gowtham R, Umamathi N, Madhavi Latha PM, Padmalatha AM, Prakash P, Kalawat U.

Indian J Gynec Onco 2023;21:1-7.

Introduction Cervical cancer is the second most common cancer in women worldwide and the most common cancer cause of death in developing countries. India represents 26.4 percent of all women dying of cervical cancer globally. HPV infection alone cannot cause cervical cancer; some risk factors play an important role as cofactors for the development of cervical cancer which is evidenced by the fact that only 1% of all HPV-infected women develop cervical cancer. A large body of evidence has suggested that different sexually transmitted infections (STI) may act as cofactors to HPV16 and HPV18 in cervical carcinogenesis. Chlamydia trachomatis (CT) infection has also been associated with cervical cancer and appears to increase the probability that infections with high-risk types will become persistent. Some studies have also reported herpes simplex virus type 2 (HSV-2) as a cofactor. Aim Aim of the study was to detect C. trachomatis and herpes simplex virus-2 infections among clinically suspected women with cervical cancer or precancerous lesions **Methods** Cervical biopsies and serum samples were collected from 173 women who attended Surgical Oncology OPD and fulfilled the study inclusion criteria from January 2016 to March 2018. Serum samples were tested for the presence of anti-HSV-2 IgG antibodies, and anti-CT IgG antibodies by enzyme-linked immunosorbent assay (ELISA). DNA was extracted from tissue samples using the QIAamp DNA blood and tissue kit. Extracted DNA was amplified using HSV-2 & CT-specific in-house designed primers in PCR. **Results** In our study, we found that about 33% of women were shown different stages (I, II, III and IV) of cancer irrespective of Chlamydia and HSV-2 infection through histopathological studies. Women of age group 40–49 were found to be prone to high infections of Chlamydia (28.7%) and HSV (71%), respectively, with IgG Elisa. In case of districts, Chittoor district has high incidence with 11.1% and 45.45% of Chlamydia and HSV infections. None of the samples shown correlation in the infection of cervical cancer. **Conclusion** In our study, we used IgG Elisa and PCR for the detection of Chlamydia and HSV-2, we found 22 and 76 cases were positive for IgG of Chlamydia and HSV-2, respectively, and none of the samples got positive in PCR. Our study revealed that there is no significance in the coinfection of HSV-2 and C. trachomatis in the infection of cervical cancer. As it is evident that some of the seronegative sera's shown different stages of cancer which are suspected with chlamydial infection and HSV.

28. Hypertension treatment cascade among men and women of reproductive age group in India: analysis of National Family Health Survey-5 (2019–2021).

Visweswara Rao Guthi, Sujith Kumar DS, Sanjeev Kumar, Nagaraj Kondagunta, Sonika Raj, Sonu Goel, Pratyashee Ojah.

The Lancet Regional Health - Southeast Asia 2023;1-12.

Background: Only a proportion of adults with hypertension are diagnosed and receive recommended prescriptions despite the availability of inexpensive and efficacious treatment. We aimed to estimate the prevalence of different stages of hypertension treatment cascade among the reproductive age groups in India at the national and state levels. We also identified the predictors of different stages of the hypertension treatment cascade. **Methods** We used the nationally representative data from National Family Health Survey (NFHS)-5. We included all the males (15–54 years) and females aged 15–49. Socio-demographic factors, anthropometric measurements, habits, comorbid conditions, and healthcare access stratified the stages of the hypertension treatment cascade among hypertensives. We used multinomial logistic regression to identify the determinants of the treatment cascade levels. **Findings** We had data from 1,267,786 individuals. The national prevalence of hypertension was 18.3% (95% CI: 18.1%–18.4%). Men (21.6%, 95% CI: 21.5%–21.7%) were found to have a higher prevalence as compared to women (14.8%, 95% CI: 14.7%–14.9%). Among hypertensive individuals, 70.5% (95% CI: 70.3%–70.7%) had ever received a BP measurement (“screened”), 34.3% (95% CI: 34.1%–34.5%) had been diagnosed prior to the survey (“aware”), 13.7% (95% CI: 13.5%–13.8%) reported taking a prescribed anti-hypertensive drug (“under treatment”), and 7.8% (95% CI: 7.7%–7.9%) had their BP under control (“controlled”). Males, illiterates, poor, never married, residents of rural areas, smokers/tobacco users, and alcoholic users were less likely to be in any of the treatment cascades. **Interpretation** The prevalence of hypertension in India is high. The “Rule of half” of hypertension does not apply to India as the proportion of people screened, aware of their hypertension status, treated, and controlled are lower than 50% at each stage. Program managers must improve access to hypertension diagnosis and treatment, especially among men in rural areas and populations with lower household wealth.

29. A study of quality of life among the elderly in urban areas of Tirupati.

Punabaka, Navya Keerthana, Nagaraj, Kondagunta, Guthi, Visweswara Rao, Chakradhar KV.

J Clin Sci Res 2023;12:190-6.

Background: The objectives of the study are to evaluate quality of life (QoL) among the elderly and to determine the association between socio-demographic factors and QoL. **Methods:** A community-based cross-sectional study was conducted in elderly subjects (aged 60 years and above) (n = 120) in the urban field practice areas of our tertiary care teaching institute in southern India. QoL was assessed using World Health Organization-QoL BREF Questionnaire. **Results:** Most of the study population were aged 60–69 years (65.8%), males (51.7%), from nuclear families (78.3%), Hindus (67.5%) and were literates (78.3%). Majority of families belong to the upper lower socio-economic group (45%). Most of them belonged to the backward caste communities (30%). The mean total QoL score was high among e”80 years, males, illiterates and upper class. All these differences were statistically non-significant. However, the mean total QoL score showed significant relation with socio-economic class. The domain correlation ranged between 0.238 and 0.690 and was statistically significant. **Conclusions:** Most of the study population were leading moderate QoL, followed by good QoL. Based on total domain QoL scores, it is concluded from this study that overall QoL is good among elderly e”80 years, males, illiterates and the population in the upper socio-economic class. The mean total QoL score showed a significant relation with socio-economic class.

30. Tuberculosis diagnostic practices among private medical practitioners of modern medicine in South India – Across sectional study.

Navya Krishna Naidu, Nagaraj Kondagunta, Visweswara Rao Guthi.

MRIMS J Health Sci 2023; 20:20:1-8.

Background: India has the highest tuberculosis (TB) burden in the world and account for nearly one-fourth of the global burden of TB. Although the Indian government provides a basic national health service, an increasingly large number of health-care interactions in India are with the physicians in the private sector. **Objective:** The

objective is to study the TB diagnostic practices among private medical practitioners and to determine the association of diagnostic practices with socio-demographic factors, the Revised National Tuberculosis Control Programme (RNTCP) training status, and professional/academic qualification of private medical practitioners.

Materials and Methods: The current study was a cross-sectional study conducted in the urban areas of Nalgonda district between October 2015 and September 2017. The study included all medical general practitioners (GP) and all specialists practicing internal medicine, chest medicine, and pediatrics, registered with the Indian Medical Association (IMA) branches and had a private practice in the study area. The study included 101 private medical practitioners from three IMA branches. The data on diagnostic practices of TB and RNTCP training status were collected by an interview using a pretested semi-structured questionnaire. The data analysis was done using Statistical Package for Social Sciences (SPSS) 19th version. **Results:** The majority of study participants in this study were GP, while specialists constituted a smaller portion. Most of these private medical practitioners opted sputum smear examination as their second preferred investigation after a chest X-ray. For the diagnosis of pulmonary TB, majority of the private practitioners preferred both sputum smears examination and chest X-ray. The private medical practitioners who had received the RNTCP training were employing sputum smear microscopy as a diagnostic tool and were also aware about notification of TB.

Conclusions: Overreliance on chest X-ray as the investigation of choice to diagnose pulmonary TB and for follow-up. Training in RNTCP has a positive impact on practicing standard diagnostic practices, treatment, and referral practices on private medical practitioners.

31. Adverse events with COVID-19 vaccination (precaution dose) among the elderly population aged 60 years and above in South India.

Anju Damu Ade, Chandrasekhar Vallepalli, Visweswara Rao Guthi, T. V. D. Prathyusha, K. Nagaraj.

Int Nat J Com Med Public Health 2023;10:5:1926-32.

Background: India started administering the precaution dose or the Booster dose of COVID vaccine from 10 January 2022 to comorbid people aged 60 and above. To identify the adverse events with COVID-19 vaccination (precaution dose) among the elderly population aged 60 years and above. To determine the association between adverse reactions and sociodemographic factors, morbidity

profile and previous history of COVID 19. **Methods:** This cross-sectional study was undertaken at COVID-19 vaccination centre, of SVIMS, Tirupati. AP from January 2022 to July 2022. Data was collected by interviewing the study subjects. Study respondents who received COVID-19 vaccine were observed for a period of 30 minutes and after 48 hours, study participants were contacted through telephone to find out any vaccine related adverse effects.

Results: Overall, 676 of 60 years or older received their precaution dose. Majority of the respondents were in 60-70 years age group (60.8%) males (n=397, 58.7%) were higher than females (n=279, 41.3%). Out of 676, 34 (5.0%) participants reported adverse effects after 1st or 2nd dose. With regard to precaution dose, only 43 (6.4%) reported adverse events within the 30 minutes of receiving COVID-19 vaccine. While 54 (8.0%) reported adverse events in last 48 hours after receiving COVID-19 vaccine (precaution dose). Spectrum of symptoms reported were fever, anxiety, dizziness/ giddiness, body pains, headache, nausea, pain at injection site, pain in abdomen, swelling at injection site, rash. **Conclusions:** Only 43 (6.4%) reported adverse events within the 30 minutes of receiving COVID-19 vaccine while 54 (8.0%) reported adverse events in last 48 hours after receiving COVID-19 vaccine (precaution dose). There were no reports of serious adverse effects.

32. Impact of low birth weight and breast feeding practices on the nutritional Status of children aged 2 to 5 years in the slums- Medicine and Dentistry.

Chandrasekhar Vallepalli, Mannem Meghana Sumalini, Prathyusha T. V. D, Ravi Sankar Deekala, Kondagunta Nagaraj.

EUREKA: Health Sci 2023;1:3-9.

Malnutrition among children in developing countries is a major public health problem, especially in India. Inappropriate feeding practices, in combination with other causes such as infection and food shortage, may be responsible for 1/3rd of malnutrition. Moreover, the risk of mortality is inversely related to children's height-for-age and weight-for-height. **The aim:** To assess the nutritional status of children aged 2 to 5 years in the urban field practice area of SVIMS-Sri Padmavathi Medical College for Women, Tirupati and to determine the impact of low birth weight, breastfeeding practices and other related factors on the nutritional status of the above study population. **Materials and methods:** This is a community-based observational cross-sectional study conducted

among 282 children aged 2 to 5 years in the urban field practice area of SVIMS-Sri Padmavathi Medical College for Women, Tirupati. Socio-demographic data, Birth history, breastfeeding practices and anthropometric measurements were noted in the study questionnaire. Nutritional status was determined using HAZ, WHZ and WAZ scores of WHO child growth standards. Data was entered and analyzed using IBM SPSS Statistics 26 version to test for association between categorical variables, and a p-value < 0.05 was considered statistically significant. **Results:** A total of 282 school children with mean age of 39.9 (+10.4) months participated in the study, of which 132 (46.8 %) were boys and 150 (53.2 %) were girls. This study observed exclusive breastfeeding in 193 (68.4 %) children. Prevalence of stunting, wasting and being underweight were 22 %, 12.4 % and 23.8 %, respectively. A statistically significant association was found between stunting (p=0.006) and underweight (p=0.001) with low birth weight children. **Conclusions:** The present study revealed a high prevalence of malnutrition, especially stunting, a common outcome of long-term malnutrition among young children. Low birth weight and inappropriate breastfeeding practices result in long-term adverse consequences on the nutrition of preschool children, which should be prevented through appropriate strategies.

33. A cross sectional study on knowledge of breast self-examination among rural women of chittoor district, andhrapradesh.

Prathyusha T.V.D, Chandrasekhar Vallepalli, Kondagunta Nagaraj.

Int J Acad Med Pharm 2023;204-8.

Background: Both developing and developed nations have serious public health concerns with breast cancer. Due to late detection, a lack of knowledge about screening procedures, and a lack of screening programmes, breast cancer mortality is high in India. The Objectives of the study were to assess the knowledge of breast self-examination and to determine association between socio demographic factors and breast self-examination among rural women in rural field practice area of SVIMS-Sri Padmavathi Medical College for Women, Tirupati. **Materials and Methods:** A community based cross sectional study was carried out in a rural area of Tirupati. Systematic random sampling method was used to select the study subjects. A pretested, semi structured questionnaire was used to collect the data. Chi-square test was used for data

analysis. **Result:** A total of 210 women were included in the study. Mean age of the study participants was 41.88 + 12.66 years. Majority (86.7%) of the women in this study have not heard about self-breast examination. Among women who heard about self-breast examination, majority (85.7%) responded as BSE is a useful tool for early detection of breast cancer and 71.4% have been taught about Breast Self-Examination. The knowledge of self-breast examination is low and was significantly associated with women who had family history of breast cancer, family history of other cancers and educational status. **Conclusion:** Due to the poor awareness of breast self-examination among women in rural Tirupati, there is a need to raise this awareness through health education programmes that integrate with primary healthcare facilities for appropriate care, treatment, and referral.

34. Adverse events with COVID-19 vaccination among adolescents (15–18 years age group) in South India.

Anju Ade, Guthi VR,Vallepalli C, Prathyusha TVD, Kondagunta N.

Natl J Physiol Pharm Pharmacol. 2023;13:2201-6.

Background: Adolescent population in India is 253 million, which is the highest in the world, and every fifth person is between 10 and 19 years. COVID-19 vaccination of adolescents in the age group of 15–18 years was started from January 3rd, 2022. **Aims and Objectives:** To identify the adverse events with COVID-19 vaccination (1st dose) among Adolescents (15–18 age group) and to determine the association between adverse reactions and sociodemographic factors, morbidity profile, and previous history of COVID-19. **Materials and Methods:** This cross-sectional study was undertaken at COVID-19 vaccination center of SVIMS, Tirupati. AP from January 2022 to June 2022 among adolescents who visited for COVID-19 vaccination (Covaxin). Sociodemographic information was collected by interviewing them. All the adolescents who received the COVID-19 vaccine were observed for 30 min in the observation room. After 48 h, study participants were contacted through telephone to find out if any vaccine-related adverse effects developed. **Results:** A total of 142 adolescents received the COVID-19 vaccine. Majority of the respondents were in the 17–18 years age group 82 (57.7%). Males (n = 102.71.8%) were higher than females (n = 40.28.2%). Out of 142, 39 (27.4%) adolescents reported adverse effects. 2(1.4%)

reported adverse events within 30 min of receiving the COVID-19 vaccine, while 37 (26.1%) reported adverse events within the next 48 h after receiving the COVID-19 vaccine. Various adverse events reported were fever, dizziness/giddiness, body pains, headache, pain at the injection site, Redness at the injection site, etc. **Conclusions:** Only 2 (1.4%) reported adverse events within 30 min of receiving the COVID-19 vaccine, while 37 (26.1%) reported adverse events within the next 48 h after receiving the COVID-19 vaccine. Adverse effects were mild and resolved with treatment. No serious adverse effects developed among adolescents. The Covaxin vaccine is relatively safe for adolescents, but continuous vigilance should be maintained in the future to monitor any adverse events following immunization (AEFI). In the present study, AEFI was not associated with age, gender, education, locality, comorbidity, COVID-19 infection, and allergies among adolescents.

35. Awareness, Attitude and Practices regarding Bio-medical Waste Management among Sanitary Staff (Waste Handlers) Working in a Tertiary Care Hospital.

Anju D. Ade, Visweswara Rao Guthi, Chandrasekhar Vallepalli, Nagaraj Kondagunta.

Himalayan J Com Med Public Health 2023;4:28-38.

Purpose: Enormous amount of biomedical wastes (BMW) produced everyday across the world. Management of BMW depends on adherence to protocol. BMW management at generation point, definitely, depends upon the awareness, attitudes and practises of health-care staff, the purpose of this study will assess the awareness, attitude and practise regarding different aspects of BMW. **Design/methodology/approach:** An observational with appropriate checklists, and a cross-sectional study, involving questionnaires, was conducted during 7-24 January 2016. The existing system of BMW management, funds, resources, etc., knowledge, attitude and practises about BMW were assessed amongst 273 health-care workers in selected public health-care institutes of Karnataka. Findings: Of 273 study participants, majority (54%) of them have not received any training pertaining to BMW. The results showed a poor level of knowledge and awareness of BMW management amongst health-care personnel. Merely, 43% of the participants correctly knew the categorization of BMW and its disposal in proper colour-coded bins/bags. Awareness is very poor amongst the lower age group, male participants, lab-technicians/

pharmacists and supporting staff. Doctors were good at theoretical knowledge such as rules, legislation and public-health importance of BMW management than the practical aspects such as categorization and colour-coding. Further, the attitude of health-care staff is favourable about BMW. Immunization for hepatitis-B was very poor amongst waste handlers (43%). **Originality/value:** As the awareness and practise regarding BMW management were poor across different health-care staff there is a need to conduct periodic training and regular monitoring with special focus on the proper use of personal protective equipment. Further, precautionary immunization should be provided, especially waste handlers and sanitary workers.

36. A comprehensive health effects assessment of the use of sanitizers and disinfectants during COVID-19 pandemic: a global survey.

Ade AD, Caminada S, Stojkov S, Narvaez CG, Mudau LS, Rassas I, Michel D, Kaynar NS, Iqbal S, Elshwekh H, Hossain I, Al-Fayyadh S, Sydoruchuk A, Alnusairat DMH, Abdullahi AM, Iqbal N, Pandey A, Gómez-Gómez B, Akyildiz AG, Morosan E, Dwarica D, Dorj G, Hasan SY et.

Environ Sci Pollut Res Int 2023;30:72368-88.

COVID-19 has affected all aspects of human life so far. From the outset of the pandemic, preventing the spread of COVID-19 through the observance of health protocols, especially the use of sanitizers and disinfectants was given more attention. Despite the effectiveness of disinfection chemicals in controlling and preventing COVID-19, there are critical concerns about their adverse effects on human health. This study aims to assess the health effects of sanitizers and disinfectants on a global scale. A total of 91,056 participants from 154 countries participated in this cross-sectional study. Information on the use of sanitizers and disinfectants and health was collected using an electronic questionnaire, which was translated into 26 languages via web-based platforms. The findings of this study suggest that detergents, alcohol-based substances, and chlorinated compounds emerged as the most prevalent chemical agents compared to other sanitizers and disinfectants examined. Most frequently reported health issues include skin effects and respiratory effects. The Chi-square test showed a significant association between chlorinated compounds (sodium hypochlorite and per-chlorine) with all possible health effects under investigation (p -value <0.001). Examination of risk factors based on

multivariate logistic regression analysis showed that alcohols and alcohols-based materials were associated with skin effects (OR, 1.98; 95%CI, 1.87-2.09), per-chlorine was associated with eye effects (OR, 1.83; 95%CI, 1.74-1.93), and highly likely with itching and throat irritation (OR, 2.00; 95%CI, 1.90-2.11). Furthermore, formaldehyde was associated with a higher prevalence of neurological effects (OR, 2.17; 95%CI, 1.92-2.44). Furthermore, formaldehyde was associated with a higher prevalence of neurological effects (OR, 2.17; 95%CI, 1.92-2.44). The use of sodium hypochlorite and per-chlorine also had a high chance of having respiratory effects. The findings of the current study suggest that health authorities need to implement more awareness programs about the side effects of using sanitizers and disinfectants during viral epidemics especially when they are used or overused.

37. Impact of low birth weight and breastfeeding Practices on the nutritional status Of children aged 2 to 5 years in the slums.

Chandrasekhar Vallepalli, Mannem Meghana Sumalini, Prathyusha T.V.D, Ravi Sankar Deekala, Kondagunta Nagaraj.

EUREKA Health Sci 2023;1:3-9.

Malnutrition among children in developing countries is a major public health problem, especially in India. Inappropriate feeding practices, in combination with other causes such as infection and food shortage, may be responsible for 1/3rd of malnutrition. Moreover, the risk of mortality is inversely related to children's height-for-age and weight-for-height. **The aim:** To assess the nutritional status of children aged 2 to 5 years in the urban field practice area of SVIMS-Sri Padmavathi Medical College for Women, Tirupati and to determine the impact of low birth weight, breastfeeding practices and other related factors on the nutritional status of the above study population. **Materials and methods:** This is a community-based observational cross-sectional study conducted among 282 children aged 2 to 5 years in the urban field practice area of SVIMS-Sri Padmavathi Medical College for Women, Tirupati. Socio-demographic data, Birth history, breastfeeding practices and anthropometric measurements were noted in the study questionnaire. Nutritional status was determined using HAZ, WHZ and WAZ scores of WHO child growth standards. Data was entered and analyzed using IBM SPSS Statistics 26 version to test for association between categorical variables, and a p-value

< 0.05 was considered statistically significant. **Results:** A total of 282 school children with mean age of 39.9 (+10.4) months participated in the study, of which 132 (46.8 %) were boys and 150 (53.2 %) were girls. This study observed exclusive breastfeeding in 193 (68.4 %) children. Prevalence of stunting, wasting and being underweight were 22 %, 12.4 % and 23.8 %, respectively. A statistically significant association was found between stunting (p=0.006) and underweight (p=0.001) with low birth weight children. **Conclusions:** The present study revealed a high prevalence of malnutrition, especially stunting, a common outcome of long-term malnutrition among young children. Low birth weight and inappropriate breastfeeding practices result in long-term adverse consequences on the nutrition of preschool children, which should be prevented through appropriate strategies.

38. A Study on Depression, Anxiety and Stress Among Medical Undergraduate Students of a Women's Medical College, South India.

Sindhu Mandyam, Ravi Sankar Deekala, G Swetha Rao, Visweswara Rao Guthi, Pravallika Sudharani Rosivari.

Natl J Community Med 2023;14:90-6.

Background: Mental health of a medical student remains affected throughout training due to long study and working hours, extensive course content, examinations, peer competition, uninspiring environments, sleep deprivation. Objectives of this study were to estimate the proportion of Depression, Anxiety and Stress among Women medical undergraduate students and to determine the association between the Depression, Anxiety, Stress and Socio demographic factors among Women medical undergraduate students. **Materials and methods:** This were a cross sectional Study conducted among First, second, third and fourth year MBBS students of SVIMS - Sri Padmavathi Medical College for Women, Tirupati, Andhra Pradesh. Medical students who were present and willing to participate voluntarily on the day of data collection were included. Sample size calculated was 375. Information collected was socio-demographic details and Depression Anxiety Stress scale [DASS 42] was used to assess depression, anxiety and stress levels. **Results:** The present study assessed Depression, Anxiety and Stress among 588 medical undergraduates, by DASS 42 scale which revealed prevalence of depression was 34.7%, anxiety 44% and stress 30.3% and their significance association with year of study, not satisfied/partially

satisfied with own education, less consumption water, less sleeping hours and hours of usage of gadgets. **Conclusion:** The present study found that prevalence of depression 34.7%, anxiety 44% and stress 30.3% among medical undergraduates. Medical students under strain are either unaware of their situation or reluctant to seek help.

39. Dietary Practices, Nutrient Adequacy and Nutrition Status among Adolescents in rural areas of Tirupati.

Visweswara Rao Guthi¹, Pattam Sudhapriya, K. Keerthinmayee, Ravisankar Deekala, Neeraja Kolar, Praveena Ganapa.

Eur Chem Bull 2023;12:3373-83.

Background: Adolescence is a unique stage in the life cycle as it is receptive to developing new ideas and lifestyle behaviours and to adopting and consolidating sound and healthy dietary habits. This study aimed to estimate the prevalence of thinness and stunting among adolescent girls and to identify the factors predicting the occurrence of thinness and stunting. **Methods:** The present study was a community-based cross-sectional study conducted among adolescent girls between 10-19 years old. A total of 188 adolescent girls participated in the study. Socio-demographic, environmental factors and dietary habits were collected. BMI for age and Height for age were calculated to assess the nutritional status. Multivariate binary logistic regression was used to identify the predictors of thinness and stunting. **Results:** In this study prevalence of thinness and stunting was 17% (95%CI: 11.9%-23.2%) and 7.98% (95%CI: 4.5%-12.8%) respectively. Thinness was significantly high among girls with family size of more than 5, habit of skipping meal and taking NAR calories of less than 70%. Stunting was significantly high among girls with family size less than 5, habit of skipping meals and habit of spiritual fasting, and taking NAR calories of less than 70%.

Conclusions: It is concluded from the study that a considerable proportion of adolescent girls were present with thinness and stunting. It is recommended that appropriate measures need to be taken to prevent thinness and stunting as this group constitutes a sizeable portion of the Indian mothers of our next generation and their health and well-being are significantly important for improving the nutritional health of women of the nation.

40. Adverse events with COVID-19 vaccination (precaution dose) among the elderly population aged 60 years and above in South India.

Ade AD, Vallepalli C, Guthi VR, Prathyusha TVD, Nagaraj K.

Int J Community Med Public Health 2023;10:1926-32.

Background: India started administering the precaution dose or the Booster dose of COVID vaccine from 10 January 2022 to comorbid people aged 60 and above. To identify the adverse events with COVID-19 vaccination (precaution dose) among the elderly population aged 60 years and above. To determine the association between adverse reactions and sociodemographic factors, morbidity profile and previous history of COVID 19. **Methods:** This cross-sectional study was undertaken at COVID-19 vaccination centre, of SVIMS, Tirupati. AP from January 2022 to July 2022. Data was collected by interviewing the study subjects. Study respondents who received COVID-19 vaccine were observed for a period of 30 minutes and after 48 hours, study participants were contacted through telephone to find out any vaccine related adverse effects. **Results:** Overall, 676 of 60 years or older received their precaution dose. Majority of the respondents were in 60-70 years age group (60.8%) males (n=397, 58.7%) were higher than females (n=279,41.3%). Out of 676, 34 (5.0%) participants reported adverse effects after 1st or 2nd dose. With regard to precaution dose, only 43 (6.4%) reported adverse events within the 30 minutes of receiving COVID-19 vaccine. While 54 (8.0%) reported adverse events in last 48 hours after receiving COVID-19 vaccine (precaution dose). Spectrum of symptoms reported were fever, anxiety, dizziness/giddiness, body pains, headache, nausea, pain at injection site, pain in abdomen, swelling at injection site, rash. **Conclusions:** Only 43 (6.4%) reported adverse events within the 30 minutes of receiving COVID-19 vaccine while 54 (8.0%) reported adverse events in last 48 hours after receiving COVID-19 vaccine (precaution dose). There were no reports of serious adverse effects.

41. A Cross Sectional Study on Knowledge of Breast Self-Examination among Rural women of Chittoor District, Andhra Pradesh, India.

Prathyusha TVD, Vallepalli C, Nagaraj K.

Int J Acad Med Pharm. 2023; 5 (1); 204-208

Background: Both developing and developed nations have serious public health concerns with breast cancer. Due to late detection, a lack of knowledge about screening procedures, and a lack of screening programmes, breast cancer mortality is high in India. The Objectives of the study were to assess the knowledge of breast self-examination and to determine association between socio-demographic factors and breast self-examination among rural women in rural field practice area of SVIMS-Sri Padmavathi Medical College for Women, Tirupati.

Materials and Methods: A community based cross sectional study was carried out in a rural area of Tirupati. Systematic random sampling method was used to select the study subjects. A pretested, semi structured questionnaire was used to collect the data. Chi-square test was used for data analysis. **Result:** A total of 210 women were included in the study. Mean age of the study participants was 41.88 + 12.66 years. Majority (86.7%) of the women in this study have not heard about self-breast examination. Among women who heard about self-breast examination, majority (85.7%) responded as BSE is a useful tool for early detection of breast cancer and 71.4% have been taught about Breast Self-Examination. The knowledge of self-breast examination is low and was significantly associated with women who had family history of breast cancer, family history of other cancers and educational status. **Conclusion:** Due to the poor awareness of breast self-examination among women in rural Tirupati, there is a need to raise this awareness through health education programmes that integrate with primary healthcare facilities for appropriate care, treatment, and referral.

42. Awareness, Attitude, and Practices regarding Bio-medical Waste Management among Sanitary Staff (Waste Handlers) Working in a Tertiary Care Hospital.

Ade AD, Guthi VR, Vallepalli C, Kondagunta N.

Himalayan J Com Med Public Health 2023;4:28-38.

Purpose: Enormous amount of biomedical wastes (BMW) produced everyday across the world. Management of BMW depends on adherence to protocol. BMW management at generation point, definitely, depends upon the awareness, attitudes and practises of health-care staff, the purpose of this study will assess the awareness, attitude and practise regarding different aspects of BMW. Design/methodology/approach An observational with appropriate

checklists, and a cross-sectional study, involving questionnaires, was conducted during 7-24 January 2016. The existing system of BMW management, funds, resources, etc., knowledge, attitude and practises about BMW were assessed amongst 273 health-care workers in selected public health-care institutes of Karnataka. Findings of 273 study participants, majority (54%) of them have not received any training pertaining to BMW. The results showed a poor level of knowledge and awareness of BMW management amongst health-care personnel. Merely, 43% of the participants correctly knew the categorization of BMW and its disposal in proper colour-coded bins/bags. Awareness is very poor amongst the lower age group, male participants, lab-technicians/pharmacists and supporting staff. Doctors were good at theoretical knowledge such as rules, legislation and public-health importance of BMW management than the practical aspects such as categorization and colour-coding. Further, the attitude of health-care staff is favourable about BMW. Immunization for hepatitis-B was very poor amongst waste handlers (43%). Originality/value. As the awareness and practise regarding BMW management were poor across different health-care staff there is a need to conduct periodic training and regular monitoring with special focus on the proper use of personal protective equipment. Further, precautionary immunization should be provided, especially waste handlers and sanitary workers.

43. Hypertension treatment cascade among men and women of reproductive age group in India: analysis of National Family Health Survey-5 (2019–2021).

Visweswara Rao Guthi, D.S. Sujith Kumar, Sanjeev Kumar, Nagaraj Kondagunta, Sonika Raj, Sonu Goel, Pratyashee Ojah

The Lancet Regional Health - Southeast Asia. <https://doi.org/10.1016/j.lansea.2023.100271>.

Background: Only a proportion of adults with hypertension are diagnosed and receive recommended prescriptions despite the availability of inexpensive and efficacious treatment. We aimed to estimate the prevalence of different stages of hypertension treatment cascade among the reproductive age groups in India at the national and state levels. We also identified the predictors of different stages of the hypertension treatment cascade. **Methods:** We used the nationally representative data from National Family Health Survey (NFHS)-5. We included all the males (15–54 years) and females aged 15–49. Socio-

demographic factors, anthropometric measurements, habits, comorbid conditions, and healthcare access stratified the stages of the hypertension treatment cascade among hypertensives. We used multinomial logistic regression to identify the determinants of the treatment cascade levels. Findings We had data from 1,267,786 individuals. The national prevalence of hypertension was 18.3% (95% CI: 18.1%–18.4%). Men (21.6%, 95% CI: 21.5%–21.7%) were found to have a higher prevalence as compared to women (14.8%, 95% CI: 14.7%–14.9%). Among hypertensive individuals, 70.5% (95% CI: 70.3%–70.7%) had ever received a BP measurement (“screened”), 34.3% (95% CI: 34.1%–34.5%) had been diagnosed prior to the survey (“aware”), 13.7% (95% CI: 13.5%–13.8%) reported taking a prescribed anti-hypertensive drug (“under treatment”), and 7.8% (95% CI: 7.7%–7.9%) had their BP under control (“controlled”). Males, illiterates, poor, never married, residents of rural areas, smokers/tobacco users, and alcoholic users were less likely to be in any of the treatment cascades. Interpretation The prevalence of hypertension in India is high. The “Rule of half” of hypertension does not apply to India as the proportion of people screened, aware of their hypertension status, treated, and controlled are lower than 50% at each stage. Program managers must improve access to hypertension diagnosis and treatment, especially among men in rural areas and populations with lower household wealth.

44. Chronological Age Estimation by Physiological Changes in the Teeth Among Deceased Human Adults.

Venkateswarlu M, Prasad KJ, Kumar DSS, Subash KR, Guthi VR, Mamatha K

Indian J Forensic Med 2023;17:108-13.

Background: Age can be estimated from the teeth by various methods like eruption of teeth which is known to be a good indicator of the age of the person. Aims & Objectives: The current study aimed to estimate the chronological age by physiological changes (Modified Gustafson’s method) occurring in teeth and also to find out the effect of the diet, other habits and socio demographic factors on physiological changes in the teeth. **Materials and Method:** Present study was done by using the teeth extracted from the deceased bodies sent for post mortem examination to the Department of Forensic Medicine, Sri Venkateswara Medical College, Tirupati, during the period of January 2016 to December 2016. A

total of 70 cases were studied in the age group between 25 to 60 years. Six physiological changes were studied in each case that were Attrition, Periodontosis, Secondary dentin deposition, Root resorption, Transparency of the root and Cementum opposition using modified Gustafson’s formula. **Results:** The mean score of these physiological changes was directly proportional to age. Male to female ratio and non-vegetarian to vegetarian ratio was 3:1. The mean total score was high among males, urban residents, belonged to upper middle-class socio-economic status and alcoholics. However, means total score was low among smokers **Conclusion:** Thus, in our study we found that when all the six physiological age factors were scored and used together collectively, we will get better results, rather than using a single physiological factor for estimation of age. Socio demographic factors, diet and habits have no effect on age estimation.

45. Food taboos during pregnancy and lactation among tribal population of South India.

Ade AD, Pratheeka KVJ, Visweswara Rao Guthi.

Int J Community Med Public Health 2023;10:1494-501.

Background: Good nutrition paves the way for a fair chance in life. Food taboos exist in all the communities and do vary from one community to another. Objectives of current study were to study the socio-demographic profile of the tribal pregnant women, to explore food taboos during pregnancy and lactation among the tribal pregnant women and to assess association between sociodemographic characteristics and food taboo among pregnant women. **Methods:** This cross sectional study was conducted from July 2022 to August 2022 in tribal area among tribal pregnant women from selected area. They were interviewed for which pre-tested structured format was used. Sample size calculated was 303. SPSS version 26.0 was used to calculate statistics. **Results:** 265 (87.4%) study respondents reported that they include certain special food items during pregnancy. 263 (86.7%) respondents reported that they include certain special food items during lactation. 219 (72.3%) pregnant mothers reported that they avoid certain foods during pregnancy while 149 (49.2%) mothers reported that they avoid certain foods during lactation. Educational level, socio-economic status, occupation, type of housing of the study respondents was significantly associated with the avoidance of food items during pregnancy and lactation (food taboo practices). **Conclusions:** Study respondent’s cultural belief in food practices are major reason for their avoidance

of certain food items during pregnancy and lactation. Nutrition education and awareness will bring behavioural change among these tribal mothers.

46. Are covid-19 related deaths taking time? A Retrospective analysis in a state covid 19 centre at tirupathi.

Rupesh Kumar Naik B.

J Pharmaceut Negative 2022;13:9.

The COVID-19 pandemic, also known as the corona virus pandemic, is an ongoing phenomenon caused by severe acute respiratory syndrome corona virus 2 (SARS-CoV-2). Older people and those with underlying comorbidities like cardiovascular disease, diabetes, chronic respiratory disease, or cancer are more likely to develop serious illness. India reported its first case of COVID-19 on 30th January 2020. Since that lakhs of persons have been infected with COVID-19 and thousands died in India as well.

47. The Incidence of Hypocalcemia following Total Thyroidectomy: A Retrospective Study.

Ramakrishna Bezawada, Narendra M C, Mutheeswaraiyah Y, Rukmangadha N.

SVU-Int Nat J Med Sci 2023;6:457-64.

Background: Hypocalcemia is one of the major complications following total thyroidectomy that can range in severity from asymptomatic to an acute life-threatening condition. Post-operative hypocalcemia is one of the causes of increased hospital stays and expenses for treatment.

Objectives: To evaluate the hypocalcaemia in total thyroidectomy patients concerning the age and gender of patients, and also to evaluate the association between various histological types of thyroid diseases and hypocalcemia. **Patients and methods:** A retrospective study was conducted to estimate hypocalcaemia in 81 patients who underwent total thyroidectomy at a tertiary care medical institute in Southern India, from January 2016 to December 2016. Clinical, laboratory, radiological, and histopathology data were collected and assessed from the medical records department of the hospital. **Results:** In this study, all the hypocalcemic patients were females with a mean age of 40.36 Years. 43.2% developed temporary and 3.7% permanent hypocalcemia. Temporary hypocalcemia was more common in adenomatous goiter and permanent hypocalcemia in malignant thyroid diseases.

Conclusion: We didn't find any association between

hypocalcemia and advancing age. Similarly, we didn't find any association between temporary hypocalcemia to histopathological diagnosis but all the patients with permanent hypocalcemia had malignant disease.

48. Patel AK, Bezawada R, Yootla M.

A case of anterior abdominal wall tuberculosis.

Int J Community Med Public Health 2023;10:1277-9.

A rare case of a middle-aged woman who presented to our emergency department with a huge swelling over lower part of abdomen for 3 years that was associated with continuous purulent foul-smelling discharge from multiple sites over swelling for past 2 years and all her past history was irrelevant except for her significant loss of weight for 6 months and unable to ambulate due to huge swelling for 6 months. She is known diabetes mellitus type 2 for 6 years on oral hypoglycemic drugs. On examination she had stable vital signs, mild pallor, a large globular swelling of about grossly 30×30×20 cm extending from 2 cm below umbilicus superiorly till pubic symphysis inferiorly, bilaterally extending till anterior superior iliac spine, flanks not full, multiple dilated veins over skin. Multiple foul smelling pus discharging sinuses, prominence on leg raise test and absent cough impulse, rest of the abdomen is soft and non-tender with no organomegaly and present bowel sounds. Bilateral inguinal group of lymph nodes were palpable and matted. Swelling was exclusive extra peritoneal on computed tomography (CT) scan. Excision of swelling was done up to anterior rectus raw area open wound with bilateral inguinal lymph node excision was under general anesthesia was done. Histopathology showed granuloma with caseating necrosis from lymph nodes. Anti-tuberculosis therapy intensive phase was started post operative wound was healthy, and after 6 weeks of initiation of anti-tubercular treatment wound was closed with secondary suturing.

49. Retrospective study of Mannheim peritonitis Index in predicting the outcome in patients presenting with secondary acute peritonitis.

Raja Mani K, Hari Prasad B, Mutheeswaraiyah Y, Sri Hari Rao B, Kishore TKV, Aditya Sarma

J Cardiovasc Dis Res;2023;14:465-74.

Background: Despite advances in diagnosis, management and critical care of patients with peritonitis due to hollow viscus perforation, prognosis remains poor. Early

assessment by scoring systems will influence the management and prognosis. **Aim:** To predict the prognosis and outcome of peritonitis due to hollow viscus perforation using Mannheim peritonitis index (MPI) scoring system. **Material and methods:** Retrospective study in patients who presented to emergency with perforation peritonitis. Patients of age >15 years patients with hollow viscus perforation anywhere in the gastrointestinal tract from stomach to rectum and on whom surgical intervention is performed. **Results:** The study's most prevalent age group is >55 years old, with 62.5%. Males exceed females by a ratio of 2.7:1 with males being more numerous. The two most typical symptoms are pain and vomiting. If peritonitis is detected within 24 hours, more 466 individuals will survive. With an increase in MPI score, hospital stays increase. The most frequent site of perforation with a significant death rate is the gastroduodenum. In the current study, mortality increases as the MPI score rises. In the current investigation, Graham's omental patch surgical intervention was approached with 47.9%. In the current study, wound surgical site infection is the most frequent complication. **Conclusions:** MPI is an effective tool for prediction of mortality in cases of perforation peritonitis.

50. A retrospective study of management and outcome of diabetic foot infections in a tertiary care medical college hospital, Andhra Pradesh.

Hari Prasad B, Prathyusha TVD, Mutheeswaraiyah Y, Sri Hari Rao B, Raja Mani K, Aditya Sarma K, Jeevagna D, Kishore TKV.

J Cardiovasc Dis Res;2023;14:475-84.

Background: Diabetic foot infection (Diabetic foot infection) is one of the most feared complications of diabetes. In India, the number of cases and the problems associated with diabetic foot infections increased in recent years. **Objectives:** 1) To enumerate diabetic foot infections. 2) To study the outcome of diabetic foot infections. 3) To determine the microbiological profile and antimicrobial susceptibility pattern of organisms isolated from patients with diabetic foot infections. **Materials and methods:** Retrospective study done in 104 Patients with diabetic foot infections admitted in department of general surgery. All medical records of patients with diabetic foot infections during the period of 2 years were reviewed using data collection sheet. The collected data were analyzed using Statistical Package for Social Sciences. 476 **Results:** Monobacterial and polybacterial culture reports are

obtained nearly equal in patients. Among them, the gram-negative organisms were more frequent and isolated from about 82 (78.8%) cultures. Gram-negative organisms included E. coli 47 (57.3%), Proteus spp. 19(23%), Klebsiella spp. 11(13.4%), and Pseudomonas aeruginosa 5(6%). E. coli showed 100% sensitivity Meropenem, Ceftriaxone, Amikacin. However, E. coli was highly resistant to Amoxicillin/Clavulanic acid. On the other hand, isolated gram-positive strains were found in 44 (42%) that included S. aureus 28(63.6%) and E. fecalis 16 (36.4%). Regarding gram-positive isolates, all S. aureus isolates were sensitive to Ciprofloxacin, Amikacin, resistance rates of S. aureus isolates were resistant to Amoxicillin/Clavulanic acid Co-trimoxazole and Amikacin 100% sensitivity against E. fecalis. 81% of patients were in poor diabetic control showing increased HbA1C in these cases. **Conclusion:** Among the studied samples, gram-negative bacteria were found to be more common in diabetic foot infections patients, E coli spp. and S. aureus were the most common microorganisms. Moreover, different isolated microorganisms showed to have different degrees of resistance and sensitivity to various antibacterial drugs.

51. Diagnostic utility of CRP, Pro-calcitonin & ESR in early detection of bacterial sepsis.

Kishore Tangella KV, Hari Prasad B, Aditya Sarma K, Mutheeswaraiyah Y, Sri Hari Rao B, Rajamani K.

J Cardio Vasc Dis Res 2023;14:250-55.

Background: In spite of the advances in critical care medicine, early diagnosis and proper treatment of bacterial sepsis is a challenge in intensive care unit. Procalcitonin (PCT) an innovative and better laboratory marker, has been recently proven to be appropriate and efficient in treating bacterial sepsis. **Aim:** To determine the diagnostic accuracy of Procalcitonin (PCT), C-reactive protein (CRP) and erythrocyte sedimentation rate (ESR) as individual and combined indicators of bacterial sepsis and compare ESR, CRP, PCT to the gold standard microbiological cultures. **Materials and Methods:** This study was a retrospective study which was conducted during the period of 1 year which was between August 2022 to August 2023. This study was conducted in General surgery department, SVIMS-SPMC(W), Tirupati in a total of 80 patients. **Results:** Majority of patients were in the age group of 51-60 years which constituted 21 patients (26.2%). Majority of patients were males which constituted 66 (82.5%). Females were 14 (17.5%). C-reactive protein

was in between 100-150 mg/dl in 16 patients (20%) at admission and after 48 hrs, less than 10 mg/dl C-reactive protein was observed in 6 patients which is considered abnormal. procalcitonin (ng/mL) was greater than 0.25 ng/mL in 69 patients (86.3%) at admission which indicates the presence of infection. After 48 hours, infection was reduced in 54 patients (67.5%). At admission active infection was observed in 27 patients (33.8%) at admission with ESR >100 mm/hr and it was reduced to 8, 10% after 48 hours. 9 positive blood cultures and 3 negative blood cultures were observed in patients with less than 2 ng/mL procalcitonin, 4 positive blood cultures and 3 negative blood cultures were observed in patients with 2-10 ng/mL procalcitonin, 8 positive blood cultures and 1 negative blood cultures were observed in patients with more than 10 ng/mL procalcitonin. **Conclusion:** PCT was more efficient diagnostic tool when compared to CRP and ESR in detecting severity of infection.

52. A Retrospective Clinical Study of Gastroduodenal Perforation Peritonitis.

Narendra MC, Ramakrishna B, Mutheeswaraiyah Y, Rukmangadha N, Kadivella Aditya Sarma, Aggarapu Mallikarjuna Pavan.

J Res Med Dent Sci, 2022, 10 (5):23-29.

Introduction: Perforated Gastroduodenal ulcer followed by generalized peritonitis is common surgical emergency. Perforation is associated with increased mortality, accounting for greater than 35% of all peptic ulcer-related deaths. There is significant correlation between delayed surgical interventions for more than 24 hours to postoperative complications. **Materials and Methods:** A Retrospective clinical study of Gastroduodenal perforation peritonitis on patients who underwent exploratory laparotomy in the department of General surgery at SVIMS, SPMC (W), TIRUPATI. All the required data is retrieved from the medical records department of the SVIMS, SPMC (W) hospital. The data like age, sex of patient, other demographic data, detailed history of acute abdomen, past history of gastroduodenal ulcer disease, smoking, alcohol intake, abuse of analgesics and steroids, general examination findings and details of vitals are collected from the medical records and are documented. The details of examination findings are in support of generalized peritonitis, resuscitative measures taken, findings of investigations, details of anesthesia, details of surgical procedure and intraoperative findings

like site and size of perforation, quantity and quality of peritoneal fluid, type of repair done to perforation, post-operative management, biopsy details, details of morbidity and mortality, duration of hospital stay and treatment advice on discharge are also documented. **Results:** In this study, out of 44 patients considered, 33 patients (75%) are Male and 11 patients (25%) are Female with male to female ratio of 3:1. NSAID abuse is documented in 10 patients (22.7%), 10 patients (22.7%) had history of both alcohol abuse and smoking, 4 (9%) had only alcohol and 3 (6.8%) patients had only smoking history, 2 (4.5%) patients had history of chronic stress and one patient (2.27%) had history of steroid abuse. The incidence of site of gastroduodenal perforation is as follows, 21(47.72%) patients had perforation in prepyloric region, 18 (40.9%) patients had perforation in first part of duodenum, 3 (6.8%) patients had perforation in body of stomach and 2 (4.5%) patients had perforation in second part of duodenum. In this study, there is significant correlation between delayed presentations for more than 24 hours to post-operative complications (p- value 0.003). But there is no correlation of post-operative complications with size of perforation (P – value 0.065) and site of perforation (p-value 0.0517). **Conclusion:** NSAID abuse, smoking and alcoholism are important predisposing factors. Abdominal pain, tenderness, guarding and rigidity are documented in all the patients. There is increasing trend in gastric perforations with highest incidence in prepyloric region. There is significant correlation (0.003) between delayed surgical interventions for more than 24 hours and postoperative complications; but there is no correlation between size of perforation (0.065) and site of perforation (0.0517) to post-operative complications. Mortality is high in duodenal ulcers of size >1.5 cm with delayed presentation. None of them showed malignancy among all the specimens.

53. The Incidence of Hypocalcemia following Total Thyroidectomy: A Retrospective Study.

Rama Krishna Bezawada, Narendra MC, Mutheeswaraiyah Y, Rukhmongada N.

SVU Int Nat J Med Sci 2023;6:457-64

Background: Hypocalcemia is one of the major complications following total thyroidectomy that can range in severity from asymptomatic to an acute life-threatening condition. Post-operative hypocalcemia is one of the causes of increased hospital stays and expenses for treatment. **Objectives:** To evaluate the hypocalcaemia in total

thyroidectomy patients concerning the age and gender of patients, and also to evaluate the association between various histological types of thyroid diseases and hypocalcemia. **Patients and methods:** A retrospective study was conducted to estimate hypocalcaemia in 81 patients who underwent total thyroidectomy at a tertiary care medical institute in Southern India, from January 2016 to December 2016. Clinical, laboratory, radiological, and histopathology data were collected and assessed from the medical records department of the hospital. **Results:** In this study, all the hypocalcemic patients were females with a mean age of 40.36 Years. 43.2% developed temporary and 3.7% permanent hypocalcemia. Temporary hypocalcemia was more common in adenomatous goiter and permanent hypocalcemia in malignant thyroid diseases. **Conclusion:** We didn't find any association between hypocalcemia and advancing age. Similarly, we didn't find any association between temporary hypocalcemia to histopathological diagnosis but all the patients with permanent hypocalcemia had malignant disease.

54. Clinical Study and Management of Non Traumatic Hollow Viscus Perforation.

Kishore Tangella KV, Sandhaya Yadav Anna, Reddy Dilip Kumar, Prasan Kumar Hota.

European J Cardio vascu Med 2023;3:577-85.

Background: Perforated hollow viscus is characterized by loss of gastrointestinal wall integrity with subsequent leakage of enteric contents. Aim: The aim was to conduct diagnosis and treatment of non-traumatic hollow viscus perforation and the principles of management that have evolved through years will be addressed. **Materials and Methods:** This study was done in the Department of General Surgery. A total number of 50 cases were included in this study, which satisfied the inclusion and exclusion criteria. **Results:** Most common age group involved is in 3rd to 4th decade in the present study. Male preponderance (82%) was seen, with a male to female ratio was 4.6:1. The time lapse between onset of symptoms and presentation at the hospital was more than 24 hours in 24% of the study population. Abdominal pain was the most consistent symptom and was seen in 100% of the study population in the present study followed by vomiting (52%) and fever (46%). Distended abdomen was seen in 46% of study population in the present study. Tenderness was seen in all the cases and is more prominent at the site of perforation. Guarding/rigidity and absent bowel sounds

were seen in 92% of the study population. Sensitivity of imaging in detecting gas under diaphragm was 72% by USG abdomen and 80% by plain radiography. Benign causes of gastrointestinal perforation constituted majority of non-traumatic gastrointestinal perforations. Perforated peptic ulcers were responsible for 68% of non-traumatic gastrointestinal perforations. Peptic ulcer perforation (68%) is the major cause of gastrointestinal perforation in the present study followed by appendicular (24%) and typhoid (4%) perforations. Most common site for non-traumatic gastrointestinal perforations in the present study was duodenum (48%) followed by appendix (24%) and prepyloric region of stomach (20%). Simple closure with omental patch was the operative procedure done for all cases of peptic ulcer perforation and appendicectomy for appendicular perforation. Ileal perforations secondary to typhoid perforation were treated with resection and end-to-end anastomosis in the present study. Colonic perforation was managed with Hartmann's procedure. Most common complication in this study was SSI (34%), followed by respiratory infection (22%). Burst abdomen was seen in 2% of cases. Mortality in the present study was 8% and was due to septicaemia. **Conclusion:** There were many risk factors for increased morbidity and mortality which includes older age group, delayed presentation and features of shock, so, aggressive resuscitation and early meticulous surgery is required to decrease morbidity and mortality in hollow viscus perforation cases.

55. A comparative study of stapler circumcision and conventional circumcision.

Purushotham G Suresh babu P. Narendra MC.

Int Nat Surg J 2023;12:24-6.

Aims and Objectives: Materials and Methods: To do comparative study between conventional and stapler circumcision. The study enrolled 24 cases in total. 12 cases of conventional circumcision and 12 cases of staplercircumcision. The results were compiled and analyzed. Results: Majority of study subjects belonged to age group 26-35 yrs followed by 36-45 yrs. Both groups were compared on basis of - Diagnostic parameters (BXO, congenital phimosis, recurrent balanoposthitis, recurrent UTI, and others).Intra- op parameters (Mean operative time, mean blood loss, mean pain score) Post-op parameters (Mean healing time, mean satisfaction, post-operative stay) We observed that complications such as

bleeding, wound dehiscence, oedema and infection were seen in conventional circumcision and no such complications were seen in suture less circumcision. Eld of surgery. Every surgeon wishes for better **Conclusion-** Today is the era of 'Wireless' in technology and here comes era of 'Suture less' in wound healing with better cosmesis without complications and early back to activities. All this is possible with use of staplers for circumcision. Stapler circumcision is associated with short operative time, lower blood loss volume, less pain, few post-operative complications and less postoperative stay.

56. Josna VS, Bhanu Bharathnaik, Pala JeevanaPriya, Suryatejareddy V.

An endoscopic study on upper gastro intestinal disorders in rural tertiary care hospital.

Int med J 2022;29:7739 -47.

This study was conducted to ascertain the pattern of various upper gastrointestinal disorders and to assess the outcome of management of upper gastrointestinal disorders. This study was conducted at our centre between September 2018 to August 2020. This was a prospective observational study. All Patients undergoing upper G.I. endoscopy both on IPD and OPD basis were considered for the study. All were screened for inclusion and exclusion criterias and those who were eligible for the study were explained about the study and asked for the voluntary consent. Those who had given written consent were included in the study. The most common endoscopic findings are present in the stomach (44.5%), followed by esophagus (29%), duodenum(21.5%). Normal endoscopic study account for 5%. The most common endoscopic finding in the study is gastritis accounting for 41.5%, followed by esophagitis (21%), duodenitis(16%). The most common alarm symptom is vomiting, accounting for 38%, followed by weight loss(13%) and G.I. bleed(10%). the most common risk factors for dyspepsia were alcohol(46.5%), followed by Smoking(35%) and pan chewing(44%). Benign conditions like gastritis, esophagitis, duodenitis, peptic ulcer, and duodenal ulcer are more common in patients with <50 years of age. Upper G.I. endoscopy is a useful diagnostic modality to identify the specific pathology in patients with dyspepsia. The common abnormal Endoscopic findings in patients with dyspepsia include gastritis, esophagitis, and duodenitis. Alcohol and Smoking are the major risk factor for dyspepsia. Dyspepsia with alarm symptoms increases the risk of malignancy.

57. A study on medical student perception of informed consent qualitative enquiry and reflections on clinical education.

Harihara Sastry P, Siddarth O, Bhanu Bharathnaik, Rama Mohan PV.

Int med J 2022;29:8651-7.

This study was conducted to sensitize and assess the knowledge of final year medical students on "Informed consent". Study group comprises of final year students of Apollo medical college, Chittoor. A quantitative & qualitative questionnaire was prepared on informed consent, based on "Likert's scale" & definition by Hon. Supreme court of India and administered as pre-test & post-test after a didactic lecture class of 30 minutes. 85% of students attended the didactic lecture class. Importance of all the components of informed consent were recognised by 50% of students in pre-test and >80% in post-test. Components of definition on informed consent recognition was more on post-test (Except permission and by a patient). Didactic lecture has great impact on student perception. Majority of students failed to recognise that informed consent has to be granted by patient. Students failed to recognise that informed consent has to be obtained before any diagnostic procedures. Highlights that this topic has to be included in curricula of subjects other than Forensic medicine. Emphasis has to be placed on "communication skills", so that U.G can communicate better with patient in future.

58. Intravenous Doxycycline, Azithromycin, or Both for Severe Scrub Typhus

Varghese GM, Dayanand D, Gunasekaran K, Kundu D, Wyawahare M, Sharma N, Chaudhry D, Mahajan SK, Saravu K, Aruldas BW, Mathew BS, Nair RG, Newbigging N, Mathew A, Abhilash KPP, Biswal M, Prasad AH, Zachariah A, Iyadurai R, Hansdak SG, Sathyendra S, Sudarsanam TD, Prakash JAJ, Manesh A, **Mohan A**, Tarning J, Blacksell SD, Peerawaranun P, Waithira N, Mukaka M, Cheah PY, Peter JV, Abraham OC, Day NPJ; INTREST Trial

Investigators.

N Engl J Med 2023;388:792-803.

Background: The appropriate antibiotic treatment for severe scrub typhus, a neglected but widespread reemerging zoonotic infection, is unclear. **Methods:** In this multicenter, double-blind, randomized, controlled trial, we

compared the efficacy of intravenous doxycycline, azithromycin, or a combination of both in treating severe scrub typhus. Patients who were 15 years of age or older with severe scrub typhus with at least one organ involvement were enrolled. The patients were assigned to receive a 7-day course of intravenous doxycycline, azithromycin, or both (combination therapy). The primary outcome was a composite of death from any cause at day 28, persistent complications at day 7, and persistent fever at day 5. **Results:** Among 794 patients (median age, 48 years) who were included in the modified intention-to-treat analysis, complications included those that were respiratory (in 62%), hepatic (in 54%), cardiovascular (in 42%), renal (in 30%), and neurologic (in 20%). The use of combination therapy resulted in a lower incidence of the composite primary outcome than the use of doxycycline (33% and 47%, respectively), for a risk difference of -13.3 percentage points (95% confidence interval [CI], -21.6 to -5.1; $P = 0.002$). The incidence with combination therapy was also lower than that with azithromycin (48%), for a risk difference of -14.8 percentage points (95% CI, -23.1 to -6.5; $P < 0.001$). No significant difference was seen between the azithromycin and doxycycline groups (risk difference, 1.5 percentage points; 95% CI, -7.0 to 10.0; $P = 0.73$). The results in the per-protocol analysis were similar to those in the primary analysis. Adverse events and 28-day mortality were similar in the three groups. **Conclusions:** Combination therapy with intravenous doxycycline and azithromycin was a better therapeutic option for the treatment of severe scrub typhus than monotherapy with either drug alone. (Funded by the India Alliance and Wellcome Trust; INTREST Clinical Trials Registry-India number, CTRI/2018/08/015159.).

59. Molecular diversity of Mycobacterium tuberculosis isolates in Treatment-experienced Patients from Andhra Pradesh, India

Srikar A, Venkataramana B, Mohan A, Sarma P, Rekha Devi K, Narain K, Chaudhury A. *J Infect Dev Ctries* 2023;17:1114-24.

Introduction: To get a comprehensive idea about the transmission and epidemiology of TB globally and locally, the use of molecular typing methods has become imperative not only for understanding genetic diversity but also the population structure of Mycobacterium tuberculosis complex (MTBC). We aimed to investigate the drug resistance pattern and genetic diversity of MTBC among previously treated patients with sputum smear-positive

pulmonary tuberculosis in a South Indian population. **Methodology:** 104 patients with sputum smear positivity and who had previously undergone treatment were selected. Drug susceptibility testing, Spoligotyping, MIRU-VNTR, and SNP typing were performed. **Results:** Mono-resistance to isoniazid 16 (15.38%) was the highest among all drugs. Out of 104 isolates, 24 (23%) isolates were classified as MDR strains. The distributions of most common lineages were: EAI3-Ind-20 (19.23%), EAI5-13 (12.50%), Beijing-12 (11.54%), CAS1-Delhi-9 (8.65%), and 7 (6.73%) each of T-H37rv, Unknown and Orphan types. MIRU-VNTR-based analysis revealed that there are two major groups: CAS1-Delhi and Beijing groups. Out of 104 isolates, 82 belonged to well-defined lineages and 6 clusters, and the remaining 22 were singletons. SNP analysis showed no mutations associated with five sets of genes in 33 strains. **Conclusions:** The occurrence of 11.54% Beijing strains in South India is an important finding. High frequency of Isoniazid mono resistance noticed. Spoligotyping along with MIRU-VNTR and SNP typing is the best approach to the identification of strain lineages. No mutation with Antigen85C gene represents, can be used for vaccine candidates.

60. Mutation Analysis of SARS-CoV-2 Variants Isolated from Symptomatic Cases from Andhra Pradesh, India.

Nagaraja M, Sireesha K, Srikar A, Sudheer Kumar K, Mohan A, Vengamma B, Tirumala C, Verma A, Kalawat U.

Viruses 2023;15:1656.

There has been a continuous evolution in the SARS-CoV-2 genome; therefore, it is necessary to monitor the shifts in the SARS-CoV-2 variants. This study aimed to detect various SARS-CoV-2 variants circulating in the state of Andhra Pradesh, India. The study attempted to sequence the complete S-gene of SARS-CoV-2 of 104 clinical samples using Sanger's method to analyze and compare the mutations with the global prevalence. The method standardized in this study was able to amplify the complete length of the S-gene (3822 bp). The resulting nucleotide and amino acid mutations were analyzed and compared with the local and global SARS-CoV-2 databases using Nextclade and GISAID tools. The Delta variant was the most common variant reported in the present study, followed by the Omicron variant. A variant name was not assigned to thirteen samples using the Nextclade tool. There were

sixty-nine types of amino acid substitutions reported (excluding private mutations) throughout the spike gene. The T95I mutation was observed predominantly in Delta variants (15/38), followed by Kappa (3/8) and Omicron (1/31). Nearly all Alpha and Omicron lineages had the N501Y substitution; Q493R was observed only in the Omicron lineage; and other mutations (L445, F486, and S494) were not observed in the present study. Most of these mutations found in the Omicron variant are located near the furin cleavage site, which may play a role in the virulence, pathogenicity, and transmission of the virus. Phylogenetic analysis showed that the 104 complete CDS of SARS-CoV-2 belonged to different phylogenetic clades like 20A, 20B, 20I (Alpha), 21A (Delta), 21B (Kappa), 21I (Delta), 21J (Delta), and 21L (Omicron).

61. Efficacy of low-dose lung radiotherapy in the management of COVID-19 patients: a randomised, open-label study

Dinakar K, Jakka MK, Vemannagari PKR, Mohan A, Subramanian BV, Bodagala VD, Bhuma V, Das P, Bonala SR, Vutukuru VR.

Br J Radiol 2023;96:20230022.

Objective: Evaluate role of low-dose radiotherapy (LDRT) in COVID-19 pneumonia. **Methods:** Sixty-five patients 40 years or older tested positive for COVID-19 reverse transcriptase-polymerase chain reaction with mild to moderate acute respiratory distress syndrome (ARDS), were randomised 1:1, from 4 June 2021, to either best standard of care (control arm) according to the Indian Council of Medical Research guidelines or a single dose of LDRT (LDRT-0.5Gy) to both lungs along with best standard of care (experimental arm). The primary outcome was either progression to severe disease (PaO₂/FiO₂ ratio <100 mmHg) within 28 days of randomisation or all-cause mortality at 28 days. If the primary outcome could have been prevented, it was considered “favourable”; if not, it was considered “unfavourable.” **Results:** Thirty-three patients were allocated to experimental arm, 32 to control arm. An intention to treat analysis was performed. Unfavourable outcome was seen in 5 (15.2%) patients in experimental arm, vs , 12 (37.5%) patients in control arm, odds of an unfavourable outcome in experimental arm were 0.3, 95% CI 0.09-0.97; two-sided $p = 0.04$. Four and five patients died in experimental and control arm, respectively. No radiation-induced toxicity was observed.

Conclusion: LDRT reduced the number of patients with unfavourable outcome at 28 days.

62. Molecular diversity of Mycobacterium tuberculosis isolates in Treatment-experienced Patients from Andhra Pradesh, India.

Srikar A, Venkataramana B, Mohan A, Sarma P, Rekha Devi K, Narain K, Chaudhury A.

J Infect Dev Ctries 2023;17:1114-24.

Introduction: To get a comprehensive idea about the transmission and epidemiology of TB globally and locally, the use of molecular typing methods has become imperative not only for understanding genetic diversity but also the population structure of Mycobacterium tuberculosis complex (MTBC). We aimed to investigate the drug resistance pattern and genetic diversity of MTBC among previously treated patients with sputum smear-positive pulmonary tuberculosis in a South Indian population.

Methodology: 104 patients with sputum smear positivity and who had previously undergone treatment were selected. Drug susceptibility testing, Spoligotyping, MIRU-VNTR, and SNP typing were performed. **Results:** Mono-resistance to isoniazid 16 (15.38%) was the highest among all drugs. Out of 104 isolates, 24 (23%) isolates were classified as MDR strains. The distributions of most common lineages were: EAI3-Ind-20 (19.23%), EAI5-13 (12.50%), Beijing-12 (11.54%), CAS1-Delhi-9 (8.65%), and 7 (6.73%) each of T-H37rv, Unknown and Orphan types. MIRU-VNTR-based analysis revealed that there are two major groups: CAS1-Delhi and Beijing groups. Out of 104 isolates, 82 belonged to well-defined lineages and 6 clusters, and the remaining 22 were singletons. SNP analysis showed no mutations associated with five sets of genes in 33 strains. **Conclusions:** The occurrence of 11.54% Beijing strains in South India is an important finding. High frequency of Isoniazid mono resistance noticed. Spoligotyping along with MIRU-VNTR and SNP typing is the best approach to the identification of strain lineages. No mutation with Antigen85C gene represents, can be used for vaccine candidates.

63. Prevalence of histidine-rich protein 2 deletion among the Plasmodium falciparum isolates from Kolkata.

Acharya A, Saha P, Chaudhury A, Guha SK, Maji AK.

Trop Parasitol 2023;13:16-21.

Context: Histidine-rich protein 2 (HRP2) detecting rapid diagnostic tests (RDTs) have played an important role in enabling prompt malaria diagnosis in remote locations. HRP2 has advantages over other biomarkers because of its abundance in the bloodstream, repetitive binding epitopes, and falciparum-specificity. Most HRP2-based RDTs also exhibit some cross-reactivity to a closely related protein (HRP3). *Plasmodium falciparum* parasites lacking HRP2 (*pfhrp2*) and 3 (*pfhrp3*) genes escape detection by these RDTs. **Objectives:** The objective of the study was to study the sensitivity and specificity of hrp2-based RDT for diagnosis of falciparum, to compare the RDT results with microscopy and polymerase chain reaction (PCR), and to determine the prevalence of HRP2 gene deletion among the RDT-negative, microscopy-positive falciparum strains. **Materials and methods:** Blood samples were collected and diagnosis was done by microscopic examination, RDTs, and PCR. **Results:** Out of 1000 patients examined, 138 were positive for *P. falciparum*. Fever was the most common symptom followed by chills with rigor and headache were recorded among more than >95% of the study patients. Three microscopy-confirmed *P. falciparum* cases were negative by HRP2-based RDT and were found to have deletion of HRP2 and HRP3 exon 2. **Conclusions:** Rapid and accurate diagnosis and prompt deployment of effective antimalarial medication are essential components of appropriate case management. *P. falciparum* strains that evade diagnosis by RDTs represent a major threat to malaria control and elimination efforts.

64. What is cheesier than a Whitmore's liver? An accidental diagnosis of melioidosis.

Vangara H, Rangineni J, Vutukuru VRR, Settupalli S, Kotapati B.

ASEAN J Radiol 2023;24:298-30.

Despite the endemicity of Melioidosis in India, there were no official reports of the same case in our area which can be attributed to a lack of awareness of its occurrence in this geographic region, varied manifestations and consequent misdiagnosis. We report a case of Melioidosis from Tirupati, Andhra Pradesh. A diabetic male presented with fever, jaundice, and breathlessness. Radiological investigations revealed abscesses in the liver and spleen with a swiss cheese or honey comb appearance on CECT abdomen. The patient rapidly succumbed to the illness even with appropriate antibiotics in view of delayed presentation.

Pus aspirated from the patient isolated *Burkholderia* species which was later confirmed through molecular methods as *Burkholderia pseudomallei*. Hence, it is advised to consider Melioidosis as a potential infection in this region, for a timely and appropriate management of the patient's conditions.

65. Bilateral Septic Arthritis of the Knees in a Patient With Hair-Dye Poisoning.

K M B, Gulla V, K R, Koneru S, Rangineni J.

Cureus 2023;15:e43853. doi: 10.7759/cureus.43853. PMID: 37736465; PMCID: PMC10510746.

Bilateral septic arthritis (SA) is a rare presentation that is often associated with sepsis syndrome in patients with underlying risk factors. We present the case of a 25-year-old female with laryngeal oedema due to para phenylene diamine-containing hair-dye poisoning. She was receiving treatment with intravenous (IV) methylprednisolone and IV antibiotics along with airway management. The hospital course was complicated by new acute onset of bilateral knee pain and swelling while being on antibiotics. Arthrocentesis revealed purulent synovial fluid, which on culture grew *Staphylococcus haemolyticus*. The patient underwent arthroscopic washouts with IV and intra-articular antibiotic treatment. IV corticosteroid treatment could be the possible risk factor for systemic bacteraemia in this patient.

66. What is cheesier than a Whitmore's liver? An accidental diagnosis of melioidosis.

Vangara H, Rangineni J, Vutukuru VRR, Settupalli S, Kotapati B.

ASEAN J Radiol 2023;24:298-30

Despite the endemicity of Melioidosis in India, there were no official reports of the same case in our area which can be attributed to a lack of awareness of its occurrence in this geographic region, varied manifestations and consequent misdiagnosis. We report a case of Melioidosis from Tirupati, Andhra Pradesh. A diabetic male presented with fever, jaundice, and breathlessness. Radiological investigations revealed abscesses in the liver and spleen with a swiss cheese or honey comb appearance on CECT abdomen. The patient rapidly succumbed to the illness even with appropriate antibiotics in view of delayed presentation. Pus aspirated from the patient isolated *Burkholderia* species which was later confirmed through molecular

methods as *Burkholderia pseudomallei*. Hence, it is advised to consider Melioidosis as a potential infection in this region, for a timely and appropriate management of the patient's conditions.

67. Systemic lupus erythematosus nephritis and COVID-19 disease.

Gayathri C, Monica K, Lakshmi PA, Mathini S, Kumar NP, Ram, Kumar VS.

Clin Rheumatol 2023;42:2335-40.

Of the more than 20 studies published on SLE patients with COVID-19, none of the studies focused on lupus nephritis. We report the outcomes of renal biopsy-proven systemic lupus erythematosus (SLE) nephritis patients after COVID-19 disease. Our institute has been declared as a state COVID-19 hospital in the last week of March 2020. From then till now, we have admitted and managed COVID-19 patients from several districts of Andhra Pradesh and neighbouring states. We collected the data of patients with SLE nephritis contemporaneously from admission to the outcomes on a computerised proforma. We had identified sixteen patients with SLE nephritis who were admitted with COVID-19 disease. Of them, fourteen were females and two were males. The mean age was 29.3 years. Out of sixteen patients, seven required a mechanical ventilator and dialysis and eventually succumbed. One more patient died due to disseminated tuberculosis. Our results suggested that with an approximately 50% mortality rate, the COVID-19 disease had a calamitous effect on SLE nephritis patients. Key Points • We identified the significant risk factors for mortality: younger age, higher serum creatinine at presentation, higher CT severity score and lower serum albumin. • After the analysis done for this article, we decided to reduce the medications for SLE nephritis to prednisolone 10 mg/day when COVID-19 disease is contracted.

68. Correlates of atherosclerotic vascular disease in stable postrenal transplant patients from south india.

Manual MB, Meedoru KK, Yadagiri LA, Vijayalakshmi V, Bitla AR, Ram R, Sivakumar V.

Indian J Transplantation 2023;17:68-73.

Introduction: Renal transplant recipients (RTRs) show increased mortality after 1st year of undergoing renal transplantation. Cardiovascular disease (CVD) is the major

cause of mortality in these patients. Oxidative stress (OS), inflammation, and endothelial dysfunction (ED) represent a key triad for the onset and progression of atherosclerosis. The present study was undertaken to assess OS, inflammatory biomarkers, and ED as a surrogate marker of atherosclerosis in stable RTRs. Materials and Methods: Thirty stable post-RTRs along with 30 healthy individuals as controls were included in the study conducted at a tertiary care teaching hospital in south India. Lipid profile; OS markers; malondialdehyde (MDA), ischemia-modified albumin (IMA), and ferric reducing ability of plasma (FRAP); inflammatory marker high-sensitivity C-reactive protein and interleukin 6 (IL-6); ED markers nitric oxide (NO) and P-selectin were estimated using standard methods. Lipid indices were calculated. Carotid intima-media thickness, two-dimensional echocardiogram, and renal Doppler scans were done. Results: No difference in lipid profile was observed between the RTRs and the control groups. RTRs had significantly higher oxidant markers (MDA and IMA), inflammatory marker (IL-6), marker of ED (NO), and lower antioxidant marker (FRAP) ($P < 0.05$) compared to the control group. RTRs had significantly more number of carotid plaques compared to the control group. A positive correlation was observed between number of carotid plaque and OS, ED, and inflammatory markers. Conclusion: RTRs have increased CVD risk despite undergoing renal replacement therapy. This can be attributed to the increased OS and inflammation which is seen in these patients.

69. A study of near death experience in patients with chronic kidney disease.

Sai Sameera N, Aishwarya Lakshmi. P, Sangeetha Lakshmi B, Ram R, Sivakumar V.

Omega-J Death Dying 2023;1:11

Background: The near-death experiences (NDE) in dialysis patients of our country have not been previously studied. The objective of this study is to investigate the characteristics of NDEs in patients on dialysis. **Materials and methods:** We performed a cross sectional study of the adult patients of chronic kidney disease stage 5 without dialysis and on dialysis who survived cardiac arrest by cardiopulmonary resuscitation (CPR) as per ACLS (Advanced Cardiac Life Support) guidelines and who sustained pulseless ventricular tachycardia/ventricular fibrillation and received CPR and/or direct cardioversion. We used two scales, Greyson's NDE scale and Ring's

Weighted Core Experience Index (WCEI). **Results:** We performed the study between 2016 and 2018. A total of 29 patients were included. The data based on Greyson's NDE scale and Ring's Weighted Core Experience Index (WCEI) were collected. **Conclusions:** Our study brings a perspective of NDE in CKD and dialysis patients. A similar study of NDE in dialysis patients should be considered by other nephrologists.

70. *Mycobacterium leprae* as a cause of infection – related Glomerulonephritis.

Sakthivel V, Mathini S, Prasanna Kumar N, Krishna Priya N, Navya T, Srilakshmi G, Aishwarya Lakshmi P, Ram R, Siva Kumar V.

Nephrol 2023;28:254-5.

A 61-year-old man with no diabetes or hypertension presented with 10 days of breathlessness and anasarca. He also complained of abdominal distension, nausea, and anorexia. He also complained of oliguria for 1-week duration. There were no complaints of dysuria, haematuria, and pyuria. He complained of a non-healing ulcer on the sole of his right foot of a 1-year duration. The patient also admitted, on probing, paraesthesia of both lower limbs and slippage of footwear of 1-year duration. No history of epistaxis. On examination, blood pressure was 140/90 mm Hg; he was oedematous, with a trophic ulcer of 1 × 1 cm on the plantar aspect of the right foot, (Figure S1) and reduced touch and pain in the lower one-third of both lower limbs. The bilateral ulnar nerves, lateral popliteal nerves, and posterior tibial nerves were thickened and tender. Investigations are in Table S1. The reports of raised serum creatinine (3.8 mg/dL) and haematuria prompted a kidney biopsy. Kidney biopsy: Light microscopy: Nine glomeruli were identified. None was sclerotic. Glomeruli were enlarged, hypercellular with endocapillary proliferation and neutrophilic infiltration (Figure 1A). Capillary lumen obliterated. No spikes and no double contours were seen in glomerular basement membranes. No crescent or fibrinoid necrosis was seen. There was no interstitial fibrosis and tubular atrophy. Interstitium was oedematous and no inflammatory infiltrate seen. Immunofluorescence showed IgG 1+, and C3 3+. Patient was treated with dapsone 100 mg/day, rifampin 600 mg/day and clofazimine 50 mg daily plus 300 mg once/month. The treatment was planned for 1 year. At the end of first month the serum creatinine improved to 1.2 mg/dL, the urine showed red blood cells and the trophic ulcer showed signs of healing. After 3 months, the trophic ulcer showed further healing and the

reports of the serum creatinine and 24-h urine protein were 1.1 mg/dL and 540 mg, respectively. Steroids were not given. Adult infection-related glomerulonephritis (IRGN) is associated with a wider spectrum of non-streptococcal agents. The organisms reported include staphylococcus and Gram-negative organisms like *Klebsiella pneumoniae*, *Pseudomonas*, and *Acinetobacter*. The site of infection could be beyond the skin and upper respiratory tract, sometimes even occult. The primary source of infection should be searched for as an imperative. Different kidney lesions have been described in leprosy, including diffuse proliferative lesions, crescentic glomerulonephritis, membranous nephropathy, membranoproliferative nephropathy, interstitial nephritis, granulomata, secondary amyloidosis and pyelonephritis.² Hansen's disease with lepra reaction presenting with IgA dominant infection-related glomerulonephritis has also been reported.

71. Systemic lupus erythematosus nephritis and COVID-19 disease.

Gayathri C, Monica K, Lakshmi PA, Mathini S, Kumar NP, Ram, Kumar VS.

Clin Rheumatol 2023;42:2335-40.

Of the more than 20 studies published on SLE patients with COVID-19, none of the studies focused on lupus nephritis. We report the outcomes of renal biopsy-proven systemic lupus erythematosus (SLE) nephritis patients after COVID-19 disease. Our institute has been declared as a state COVID-19 hospital in the last week of March 2020. From then till now, we have admitted and managed COVID-19 patients from several districts of Andhra Pradesh and neighbouring states. We collected the data of patients with SLE nephritis contemporaneously from admission to the outcomes on a computerised proforma. We had identified sixteen patients with SLE nephritis who were admitted with COVID-19 disease. Of them, fourteen were females and two were males. The mean age was 29.3 years. Out of sixteen patients, seven required a mechanical ventilator and dialysis and eventually succumbed. One more patient died due to disseminated tuberculosis. Our results suggested that with an approximately 50% mortality rate, the COVID-19 disease had a calamitous effect on SLE nephritis patients. Key Points: We identified the significant risk factors for mortality: younger age, higher serum creatinine at presentation, higher CT severity score and lower serum albumin. After the analysis done for this article, we decided

to reduce the medications for SLE nephritis to prednisolone 10 mg/day when COVID-19 disease is contracted.

72. Renal Tubular Acidosis Following Wasp Sting: a Case Report.

Krishna Priya N, Navya T, Srilakshmi G, Ram R & Siva Kumar V.

SN Compr Clin Med 2023;5:77.

Wasp stings are not uncommon, particularly in the warmer climates, as people tend to spend longer times outside. A 49-year-old healthy gentleman had suffered multiple wasp stings all over his body. At the primary health centre, he was documented to have had flaccid quadriplegia with serum potassium of 2.3 mEq/L. At our institute, we diagnosed distal renal tubular acidosis. With history and investigations, we have excluded the major causes of distal renal tubular acidosis. We concluded that the wasp sting was responsible for distal renal tubular acidosis. The bradykinin contained in the wasp venom inhibits the basolateral 40-pS K⁺ channel activity in the distal convoluted tubules and stimulates potassium excretion.

73. A serum interleukin-6-based analysis of patients with nasopharyngeal swab reverse-transcriptase polymerase chain reaction negative for SARS-CoV-2 infection with CO-RADS 4 and 5 on computed tomography of the chest.

Koti Reddy K V, Kumar P, Raju S S, Gaddam S, Sailaja S L, Priyanka A, Gupta K R, Subramanyam P, Pavuluri AL, Reddy K D, Kumar B A, Babu C K, Charishma G, Prashanthi K D, Ram R.

J ClinSci Res 2023;12:45-50.

Background: Serum interleukin 6 (IL-6) levels have been studied in the diagnostic evaluation of patients with severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2) disease (COVID-19). **Methods:** We studied the utility of treatment with tocilizumab in COVID-19 patients (n=19) with a negative nasopharyngeal swab real time reverse transcriptase polymerase chain reaction (RT-PCR) test for SARS-CoV-2 who had suggestive computed tomography (CT) findings, namely, COVID-19 Reporting and Data System (CO-RADS) 4,5. **Results:** Receiver operator characteristic (ROC) curve analysis showed that serum IL 6 at a cut-off of >56.9 pg/L was a predictor of

mortality in nasopharyngeal swab RT-PCR negative patients with suggestive CT findings. Tocilizumab had no significant effect on the mortality. **Conclusions:** In nasopharyngeal swab RT-PCR negative patients with suggestive chest CT findings, elevated serum IL-6 levels > 56.9 pg/L predicted mortality. However, treatment with tocilizumab had no effect on mortality.

74. COVID-19 disease in peritoneal dialysis patients: a single centre experience from India.

Lakshmi PA, Christopher LM, Hemalatha N, Fahima S, Sunnesh A, Mathini S, Kumar NP, Rao GV, Amarendra MR, Naveen K, Bhatt GG, Srilakshmi G, Manuel MB, Alekhya B, Virali G, Yagnapriya C, Sindhu M, Pravallika K, Ram R, Kumar VS, Vengamma B.

J Nephrol 2023;36:1457-60.

Background: This study presents our data on mortality in end stage renal disease (ESRD) patients on peritoneal dialysis (PD) who developed COVID-19. **Materials and methods:** Sri Padmavathi Medical College Hospital, Sri Venkateswara Institute of Medical Sciences University, was designated the State COVID Hospital in March 2020. In a retrospective observational study, we collected the data of ESRD patients on PD and identified the risk factors for mortality. **Results:** Prior to the pandemic, 136 patients with ESRD were on peritoneal dialysis at our Institute. Among them, 27 (19.8%) eventually developed COVID-19, and 14 of them (51.8%) died. Serum albumin levels were lower and D-dimer levels were significantly higher in deceased patients than in survivors. **Discussion:** The mortality rate in ESRD patients on PD with COVID-19 at our institution was higher than in other published studies.

75. Comparative study of microsurgical lumbar discectomy and percutaneous endoscopic lumbar discectomy based on clinical outcome and muscle injury markers.

Hanu G, Thota S, Venkat K, Ramesh Chandra VV, BCM Prasad, Reddy SK, Geetanvita N, Indupriya E.

J Krishna Inst Med SciUniv 2023; 12(3):12-19.

Background: Lumbar Disc Herniation (LDH) is the most frequent entity affecting the spine resulting in low back pain and sciatica. Many minimally invasive procedures have been proposed for the treatment of LDH. Percutaneous

Endoscopic Discectomy (PELD) is gaining popularity in recent years for the treatment of LDH and its supremacy over the well-established gold standard Microsurgical Lumbar Discectomy (MLD) is yet to be proven. **Aim and Objectives:** To compare pain relief using Visual Analogue Scale (VAS) score, Oswestry Disability Index (ODI), duration of surgery and incision length between MLD and PELD; To evaluate systemic cytokine response (CPK-CK, hs-CRP, IL-6) between MLD and PELD. **Material and Methods:** This was a prospective comparative analysis between MLD and PELD in patients undergoing surgery for single-level lumbar disc prolapse from January 2022 to October 2022 at a single institute. **Results:** The study included 64 patients, divided equally into two groups: 32 patients underwent conventional MLD, and 32 patients underwent PELD. Groups had similar demographic profiles and preoperative clinical features. Postoperatively, both groups showed significant improvements in pain (VAS) scores and functional disability (ODI), with no significant difference between the two groups. However, there were differences in certain biochemical markers: CPK and IL-6 levels were lower in the PELD group compared to the MLD group, and hs-CRP levels were also lower in the PELD group, though statistically significant only on the 3rd postoperative day. The surgery duration and incision length were shorter in the PELD group. Complication rates were low, with two complications in the MLD group and one in the PELD group. **Conclusion:** Both MLD and PELD demonstrated positive outcomes in terms of pain and functional disability reduction, but PELD showed advantages in terms of shorter surgery duration, smaller incision length, and lower levels of certain inflammatory markers. No significant difference was noted in clinical outcomes between MLD and PELD. Postoperative systemic cytokine response is significantly lower in the PELD group than in the MLD group

76. Comparative study of open Transforaminal Lumbar Interbody Fusion (TLIF) and Minimally Invasive Transforaminal Lumbar Interbody Fusion (MISTLIF) based on clinical outcome, radiological outcome, tissue injury markers and radiation exposure.

Thota S, Ramesh Chandra VV, BCM Prasad.

J Krishna Inst Med Sci Univ 2023;12.

Background: Spondylolisthesis refers to forward slippage of one vertebral body with respect to the one beneath it.

Spondylolisthesis is treated with spinal fusion which can be open spinal fusion or minimally invasive fusion. Minimal Invasive Transforaminal Lumbar Interbody Fusion (MISTLIF), is the most popular type of minimally invasive fusion. No consensus is available regarding best type of fusion surgery till date. **Aim and Objectives:** To evaluate the clinicoradiological outcome, changes in tissue injury markers and radiation exposure between open TLIF and MIS TLIF. **Materials and Methods:** A clinical series of 70 patients with symptomatic lumbar spondylolisthesis who underwent surgery (Open TLIF-35, MISTLIF-35) were included in the study. Clinical outcome and the function were assessed using the Visual Analogue Scale (VAS) score for pain and the Oswestry Disability Index (ODI). Serum levels of creatine phosphokinase and C-reactive protein were measured on pre-operative day and post-operatively on days 1 and 3. Radiation exposure levels were quantified with a dosimeter which was worn by operating surgeon over the lead apron. **Results:** A total of seventy patients (Open TLIF-35, MISTLIF-35) were included in the study. The preoperative demographic, clinical, biochemical, and radiological parameters were comparable in both the groups. The patients in both the groups had significant improvement in VAS and ODI scores postoperatively. The fusion rates in the follow up were same in both the groups. The patients in MISTLIF group scored better over the open TLIF group in terms of intraoperative blood loss, requirement for blood transfusions, requirement of postoperative analgesia and muscle injury markers. The rate of complications was more in the open TLIF group; however, the radiation exposure was less in the open group. **Conclusion:** The postoperative VAS, ODI scores and fusion rates were similar in both groups. MISTLIF results in less tissue damage which accounts for lesser blood loss, shorter hospital stay and lesser postoperative analgesia requirements with increased radiation exposure being a shortcoming.

77. Vertebral osteomyelitis

Bhargav KM, Dugginni Bhavitha, Madhuvanthini N, Archana MH, Mohan Alladi, Chandra VV Ramesh, Murali Krishna N. Mohan, Vijayalakshmi Devi B, Kalawat Tekchand C.

J Clin Sci Res 2023;12:83-6

Vertebral osteomyelitis is a rare infection that usually affects an intervertebral disc and adjacent two vertebrae, leading to the narrowing of the space between the two vertebrae. The infection can be acute or chronic, depending on the

severity of the onset of the disease. We report the case of a 37-year-old male who presented with complaints of backache, evening rise of temperature and night sweats. Magnetic resonance imaging (MRI) showed altered signal intensity in D10 to L2, with prevertebral and paravertebral soft-tissue components. Histopathological examination of image-guided biopsy specimens from this lesion showed features of the chronic non-specific inflammatory process. Culture from the sample revealed growth of *Pseudomonas* sp. The patient was started on intravenous ceftazidime as per sensitivity pattern which was administered for 6 Wk. The patient improved symptomatically and repeat MRI showed significant resolution of the lesions.

78. Role of ^{99m}Tc sestamibi scintimammography in predicting response to neoadjuvant chemotherapy in locally advanced breast cancer: A prospective study.

Moulika JS, Kalawat T, Manthri RG, Hulikal N, Kadiyala S, Bhargavi D.

Indian J Nucl Med 2023;38:354-61.

Background: Neoadjuvant chemotherapy (NACT) is the first line of management for locally advanced breast cancer (LABC). However, chemoresistance is prevalent in 18%–50% of the cases. One of the important and most studied causes of chemoresistance is P-glycoprotein (Pgp) expression. ^{99m}Tc-sestamibi scintimammography may serve as a useful imaging tool to predict Pgp expression, thereby response to NACT. Aim: The aim was to study the role of ^{99m}Tc-sestamibi scintimammography in predicting response to NACT in treatment-naive, biopsy-proven LABC patients. **Materials and Methods:** ^{99m}Tc-sestamibi scintimammography (early and delayed images) was performed on a total of 34 patients. Eight patients were lost to follow-up, and only 26 (25 females and 1 male) patients were available for final analysis, with a mean age of 49.7 ± 10.7 years. ^{99m}Tc-sestamibi washout rate (WOR) (%) and T/B buildup were calculated. Pre-NACT and Post-NACT tumor sizes were measured clinically, and a % decrease in tumor size was calculated. The WOR and T/B buildup values were correlated with the % decrease in tumor size. **Results:** We found a statistically significant negative correlation between WOR (%) and % decrease in tumor size and a statistically significant positive correlation between T/B buildup and

% decrease in tumor size. Furthermore, we found a positive correlation between the early T/B ratio and the Ki-67 index ($P = 0.22$). **Conclusion:** Early categorization of responders and nonresponders can help in optimal therapy planning. ^{99m}Tc-sestamibi scintimammography can serve as an imaging marker for Pgp expression, thereby predicting clinical response to NACT in LABC patients. Further studies with larger sample sizes are warranted to consolidate the above findings.

79. A Clinical Study on Morphological Characteristics and Risk Factors of Presenile Cataract.

Vineetha.

Indian J Applied Res 2023;13.

Purpose: The aim of the study was to determine the morphological characteristics of pre senile cataract and probable risk factors associated with development of pre senile cataract. This is **Materials and Methods:** a prospective study conducted in 60 patients who presented with features of pre senile cataract to regional eye hospital Kurnool during the period of July 2022 to December 2022. In the present study mean age of presentation was 38.3 years. pre s **Results:** enile cataract was higher in the age group of 35-40 years. Female preponderance of 66.6% was observed. 70% had bilateral cataracts. Posterior sub capsular cataract (41.6%) was the most common type of cataract observed followed by nuclear sclerosis (40%). 50% patients belonged to lower middle class according to modiedkuppuswamy classification and a significant association is noted between socioeconomic status and development of early cataracts. 25% had history of tobacco intake and significant association is found between tobacco intake and development of cataract. Other risk factors noted are smoking (16%), diabetes (16%), hypertension (10%), HbsAg positive (8.33%), hypothyroidism (6.6%). In **Conclusion:** the present study Posterior sub capsular cataract was the most common type of presenile cataract, delaying the onset of cataract by 10 years reduces the need for surgery by 42%, thus early detection of pre senile cataract and control of hypercholesteremia, blood pressure monitoring, life style modifications like refraining from tobacco use, alcohol consumption, smoking can delay the progression of cataract and it is important to subject patients with hypertension and diabetes to dilated slit lamp examination to detect early peripheral cataracts. A

80. A Clinical Study on Risk Factors of Descemet's Membrane Detachment and Visual Outcome Following Air Descemetopy for Post Cataract surgery Descemet's membrane Detachment.

Vineetha

E-ISSN:2582-2160

Background: To study Risk factors, incidence of Descemet's membrane detachment (DMD) and visual outcome following Air Descemetopy for post cataract surgery DMD. **Methods:** This study is a type of prospective study conducted in 20 patients who underwent Air Descemetopy for post cataract surgery descemet's membrane detachment. 20 patients were included in the study who had DMD out of 614 manual small incision cataract surgery (MSICS) and 160 Phacoemulsification during the period, June 2022 to December 2022. A clinical analysis on risk factors, corneal comorbidities, incidence and visual outcome were studied. **Results:** Mean age of patients was 62.5 years, 40% are males and 60% are females. Incidence of DMD in MSICS was 0.72% and in Phacoemulsification was 0.06%. corneal degenerations and opacities, pseudoexfoliation (PXF), dense cataracts, shallow anterior chamber, phacomorphic glaucoma are the most common risk factors and DMD was higher among Surgical trainees than consultants. 80% of patients has vision better than 6/18 at the end of one month post operatively. Almost 97% patients had successful reattachment.

81. Sclerosing angiomatoid nodular transformation of spleen with calcifying fibrous pseudotumor: A rare case with unusual association.

Shanthi V, Rukmangadha N, Reddy G, Banoth M.

Indian J Case Reports. 2023; 9(2):50-53.

Sclerosing angiomatoid nodular transformation (SANT) of the spleen is a rare benign vascular lesion of the spleen that was first described in 2004. SANT is associated with other concurrent diseases, mostly malignancies. Calcifying fibrous pseudotumor (CFPT) is a tumor-like lesion usually arising from soft tissue or peritoneal sub-serosa. Both SANT and CFPT are considered to be variants of the inflammatory myofibroblastic tumor. We report the rare case of a 24-year-old female presenting with a left abdominal mass that was clinically diagnosed as an extraintestinal gastrointestinal stromal tumor (GIST). Histopathological examination revealed SANT of spleen

and CFPT. We report this case due to its rarity of occurrence and unusual association of SANT with CFPT.

82. Clear Cell Carcinoma of Ovary - Rare Subtype with Poor Prognosis: A Case Report.

Shanthi Vissa G, Swyritha, Rukmangadha Nandyala, G. Radha Bai.

Int Nat J Res Rev 2023;10:1-4.

Ovarian clear cell carcinoma is a rare subtype of epithelial carcinoma of ovary having poor prognosis. This tumor has been found to be associated with endometriosis and has similarities with the pathogenesis of endometrioid carcinoma. We report a case of 37 years female presenting with the pain in right lower abdomen. Computerized Tomography revealed right ovarian cystic mass. Histopathology showed tubulocystic pattern of arrangement of tumor cells with few foci showing hobnail cells which confirmed the diagnosis. **Keywords:** Clear cell carcinoma, Ovary, Poor prognosis

83. Association of female Breast carcinoma, its prognostic factors and ABO blood group: A retrospective study.

Shanthi Vissa, Siva Kumar Vulavala, Rukmangadha Nandyala, Vijay Sreedhar Babu Kinnera, Visweswara Rao Guthi.

Int Nat J Health Clin Res 2022;5:920-3.

Background: Association between ABO blood group antigens and cancer has been described since 1953. Association of breast carcinoma and ABO group is not clear. **Aims and objectives:** To study the association between blood group type and breast carcinoma, its prognostic factors and molecular subtypes. **Material and methods:** This is retrospective study which includes 273 breast cancer cases. Association between prognostic factors, molecular subtypes of breast carcinoma and blood group type was assessed. **Results:** Out of 273 cases of breast carcinoma, maximum number of cases were of O group (41.5%). Among grade 1 and grade 2 patients majority were having blood group O and grade 2 patients were having B group. All the blood groups showed tumor size of 2 to 5 cms and were in stage 2 in maximum cases. Maximum cases with lymphnodal metastasis were seen in O group (45.1%). Her2 rich cases were commonly observed in B group (38%) where as Luminal A, Luminal B, and triple negative were commonly seen in O group

(43.2%,46.3% and 39% respectively). **Conclusion:** Women with blood group O are at more risk of developing breast carcinoma followed by blood group B, A and AB. There was no statistical significance for association between the blood groups and prognostic factors of breast carcinoma. Lymph nodal metastasis was seen more in blood group O patients. Maximum number of Her2 rich cases were seen in B group whereas Luminal A, Luminal B and triple negative were seen in O group.

84. A Fulminant Case of Febrile Neutropenia with Bacteremia Detected by Pheripheral Smear in ALKNegative Anaplastic Large Cell Lymphoma.

Deepthi B, Rukmangadha N, Swathi B, Sreelekha A.

J Cytol Histol 2023;14- 682.

Febrile neutropenia is a frequent complication in cancer patients and affects nearly 80% with hematological malignancies and 10%-50% with solid malignancies occurring most frequently during the first chemotherapy cycle. Bacterial Bloodstream Infections (BSIs) accounts for 10% to 25% of all febrile episodes and is considered the most common among the infectious complications in febrile neutropenic patients due to the lack of adequate inflammatory response and makes sepsis a significant cause of mortality in this particular setting.

85. Retrospective analysis of adverse drug reactions to anticancer drugs at a tertiary care hospital in South India.

Umamaheswara Rao K, Pilla SS, Konda VCR, Bhargavi D, Subash KR, Rao KU.

Natl J Physiol Pharm Pharmacol 2023;13:190-6.

Pharmacovigilance is the science and activities relating to the detection, assessment, understanding, and prevention of adverse effects or any other medicine/ vaccine-related problem. [...]appropriate documentation and reporting of ADRs help in monitoring of drugs for their safety. [3,9] This suggests the need for frequent monitoring of ADRs. [...] this research was undertaken with the objective to analyze ADRs due to cancer chemotherapeutic drugs in relation to frequency of their occurrence, suspected medications, causality, severity, and preventability. All the individual case safety reports that were reported to AMC of the institute in the predesigned Suspected ADR Reporting Form issued by PvPI and having the mandatory fields such as initials, age at onset of reaction, reaction

term(s), date of onset of reaction, suspected medication(s), and reporter information were included in the study.

86. An overview on Attention Deficit Hyperactivity Disorder (ADHD).

Sai Gowtham K, Dharani Prasad P, Shaik Mohammad Zabeulla1, Sai Chandana Chippireddy, Poojitha Chinthala, Mallikarjuna BP, R.Jayaraman, P.Latha, K.Umamaheswar Rao, Anna Balaji.

Eur Chem Bull 2023;12:7140-62.

Attention deficit hyperactivity disorder (ADHD) is a neurodevelopmental disorder that is characterized by a lack of inattention, hyperactivity, impulsivity which starts from childhood-onset and continues to adulthood. ADHD was shown to be prevalent in 11.32 percent of primary school pupils in India. When compared to females, males had a greater prevalence (66.7 percent) than females (33.3 percent). The prevalence was determined to be 16.33 percent in the lowest socioeconomic group and 6.84 percent in the middle socioeconomic group. The diagnostic technique for these diseases is DSM-6, which is substantially updated terminologically. Neuroimaging techniques are also used for diagnostic purposes like FMRI (Functional Magnetic Pharmacotherapy includes psychostimulants like methylphenidate which has a good response in treating inattentive symptoms at lower doses whereas at higher doses hyperactivity and impulsivity can be treated. Nonpharmacological treatment includes behavioral therapy, cognitive therapy, parent behavior training, classroom interventions, and intake of dietary supplements like probiotics, omega fatty acids, and vitamins, etc., the recent advances in the treatment of ADHD is the development of the first non-stimulant Atomoxetine which was approved by FDA and followed by methylphenidate transdermal system, modafinil. In children, problems paying attention may result in poor school performance. ADHD is associated with other neurodevelopmental and mental disorders as well as some non-psychiatric disorders, which can cause additional impairment, especially in modern society. Although people with ADHD struggle to focus on tasks they are not particularly interested in completing, they are often able to maintain an unusually prolonged and intense level of attention for tasks they do find interesting or rewarding; this is known as hyperfocus. Adult ADHD is typically marked by inattention and hyperfocus, hyperactivity (often internalized as restlessness), emotional dysregulation, and excessive mind wandering. Specifically, adults with ADHD present with persistent difficulties in

following directions, remembering information, concentrating, organizing tasks, completing work within specified time frames and appearing timely in appointments. These difficulties affect several different areas of an ADHD adult's life, causing emotional, social, vocational, marital, legal, financial, and/or academic problems. Diagnosis follows one or several psychiatric assessment which may include examination of personal history, observational evidence from family members or friends, academic reports, often going back to school years, as well as evaluation to diagnose additional possible conditions which often coexist with ADHD, called comorbidities or comorbid disorders. Despite the scientifically well-established nature of attention deficit hyperactivity disorder (ADHD), its diagnosis, and its treatment. The controversies involve clinicians, teachers, policymakers, parents, and the media. Positions range from the view that ADHD is within the normal range of behavior to the hypothesis that ADHD is a genetic condition.

92. Chronological Age Estimation by Physiological Changes in the Teeth Among Deceased Human Adults.

Venkateswarlu Mopuri, Prasad K. Jyothi, Kumar DS, Sujith, Subash KR, Guthi Visweswara Rao, Mamatha K.

Indian J Forensic Med Toxic 2023;17:18-113.

Background: Age can be estimated from the teeth by various methods like eruption of teeth which is known to be a good indicator of the age of the person. Aims & Objectives: The current study aimed to estimate the chronological age by physiological changes (Modified Gustafson's method) occurring in teeth and also to find out the effect of the diet, other habits and socio demographic factors on physiological changes in the teeth.

Materials and Method: Present study was done by using the teeth extracted from the deceased bodies sent for post mortem examination to the Department of Forensic Medicine, Sri Venkateswara Medical College, Tirupati, during the period of January 2016 to December 2016. A total of 70 cases were studied in the age group between 25 to 60 years. Six physiological changes were studied in each case that were Attrition, Periodontosis, Secondary dentin deposition, Root resorption, Transparency of the root and Cementum opposition using modified Gustafson's formula. **Results:** The mean score of these physiological changes was directly proportional to age. Male to female ratio and non-vegetarian to vegetarian ratio was 3:1. The

mean total score was high among males, urban residents, belonged to upper middle-class socio-economic status and alcoholics. However, means total score was low among smokers **Conclusion:** Thus, in our study we found that when all the six physiological age factors were scored and used together collectively, we will get better results, rather than using a single physiological factor for estimation of age. Socio demographic factors, diet and habits have no effect on age estimation.

93. Medication Adherence and its Association with Socioeconomic Factors and Quality of Life in Patients with Rheumatoid Arthritis.

Vijaya Chandra Reddy, Konda VC, Kommireddy S, Anil D, Murugan RB, Kumar GH, Yadav GP, etal.

Indian J Rheumatol 2023;18:260.

Background: Medication adherence to prescribed medications in chronic diseases like rheumatoid arthritis (RA) is influenced by social and economic factors, health-care team/system factors, characteristic of the disease, disease therapies, and physician-related and patient-related factors. Socioeconomic factors of the patients play a major role in adherence to long-term therapies. In view of lack of consistent findings and limited studies, this study aimed to study the socioeconomic factors and quality of life (QOL) and their association with medication adherence in RA. **Materials and Methods:** This is a prospective observational study carried out in a tertiary care hospital from February 2021 to June 2021. The Compliance-Questionnaire-Rheumatology 19 was used to assess adherence with scores $\geq 80\%$ considered adherent and others nonadherent. QOL was assessed by the WHOQOL-BREF Questionnaire, and socioeconomic factors were determined using the Modified Kuppaswamy's Socioeconomic Status scale 2020. **Results:** Of the 135 patients (108 females and 27 males) in the study, adherence was observed only in 19.3% (26) and the remaining 80.7% (109) were nonadherent. There was a significant difference ($P = 0.013$) in the number of medications used among both the groups. Among the socioeconomic factors, though there is difference in occupation of both the groups, it was found to be not significant ($P = 0.058$). There was no association of adherence with any of the four domains of QOL. **Conclusion:** There was no association of medication adherence with socioeconomic factors and QOL in RA.

87. Evaluation of Cutaneous Adverse Drug Reactions Reported in a Teaching Hospital of Coastal Andhra.

Ganjikunta R. K, Kadali R. P, Arora T, Chalivendra P.

Biomed Pharmacol J 2023;16.

Adverse drug reactions (ADR) can be manifested in different forms, among these cutaneous adverse drug reactions (CADRs) are the commonest. They have been steadily gaining importance and constitute a major proportion of all ADRs. As available data on CADRs is very less, more research is required to have reliable data, hence the current study was undertaken. This prospective study was carried out to evaluate the age and gender distribution, presenting complaints, spectrum of CADRs, causative drugs, causality, severity, and outcomes in patients with or suspected CADRs attending the department of Dermatology of Konaseema Institute of Medical Sciences & Research Foundation Hospital between January 2014 and June 2015. In cooperation with the Dermatologist, patients' reactions were analyzed based on morphology, and laboratory investigations. Causality was assessed as per the World Health Organization- Uppsala Monitoring Centre (WHO-UMC) causality assessment scale. Modified Hartwig and Siegel Scale was used for the severity assessment of reactions. CADRs occurred most commonly in the 31-40 years age group (32%) with no sign of the difference in both sexes. The most common complaint of CADRs by the patients was skin rash (42%) and diagnoses were Erythematous drug eruption (ERDE) and Fixed drug eruption (FDE) (28%). The commonest causative drug categories were antimicrobials (52%) and Non-Steroidal Anti-inflammatory Drugs (NSAIDs) (24%). Among antimicrobials, ciprofloxacin, and in NSAIDs, diclofenac were the commonest causative drugs. In causality, majority of the cases were under possible category (42%). Most of the reactions were mild (46%), and moderate (46%) in severity. The majority of the cases showed good recovery without any mortality or disability. The limitations of this study were the relatively small sample size, inability to confirm the particular causative drug in majority of the patients. Future research should focus on the genetic factors concerning to CADRs and molecular-level evaluation should be done for a better understanding of the pathophysiology of various ADRs.

88. In vitro assessment of natural herbal extracts for antimicrobial activity.

Pallavi C. Chalivendra P, Ganjikunta RK, Rao KU, Pullakanam RPT.

Int J Curr Pharm Sci 2023;15:22-5.

Objective: Herbal medicine is still the mainstay of about 75-80% of the whole population, and the major part of traditional therapy involves the use of plant extract and their active constituents against infectious pathogens. Objective: The study aimed to investigate in vitro antibacterial activity of extracts from some medicinal plants against the most common microbial pathogens including MDR bacteria. **Methods:** The processing of plant materials was performed with the washing, drying and grinding of collected plant materials. The plant extracts were prepared by mixing 10 g of powder to 150 ml of ethanol solvent for 5 h at room temperature and sonicated for 15 min; for prepared test samples under laboratory conditions, the air-dried samples were mixed with the respective solvent (1:15 w/v) for 72 h at room temperature with occasional and then filtered through Whatman filter paper No.1. The obtained extract was freed from the solvent by evaporation under reduced pressure and then resuspended in the appropriate solvent to make the solution of known concentration of 10-50 mg/ml. The extract was stored at 4 °C in airtight glass bottle for the antibacterial assay using the Agar-well diffusion method. Ciprofloxacin was used as a control antibiotic. Results: The growth of *K. pneumoniae*, *Proteus mirabilis*, *P. aeruginosa* and *E. coli* were inhibited better with the plant extract *Tinospora cardifolia* leaves than ciprofloxacin antibiotic. Coagulase-negative Staphylococci was inhibited greatly with *Costus igneus* leaf extract. The growth of *Enterococcus faecalis* was inhibited significantly with *Tridax procumbens* leaf extract than ciprofloxacin. **Conclusion:** The present study indicates *Tridax procumbens*, *T. cordifolia* and *Costus igneus* methanolic leaf extracts were showed strong antimicrobial activity against all the tested cultures. They were rich in primary and secondary constituents. Most of the biologically active phytochemicals were present in methanolic extract. The tested plant extracts were more efficient than standard antibiotic ciprofloxacin used in the current study.

89. Effect of Heartfulness Meditation on Cortisol Levels and Vital Parameters in Healthy Female Medical Students A Prospective Longitudinal Study.

Kunati P, Singh MS, Vanajakshamma, Sharvani N, Kiranmayi VS

J Clin Diagn Res 2023;17:CC05-8.

Introduction: Medical education has been reported to be one of the most stressful academic curriculum worldwide, with a potential of negatively affecting the physical and mental health of medical students. Meditation is a self-produced relaxation technique which restores the mental peace by relieving emotional and physiological stress and is an accepted therapy to reduce stress. **Aim:** To study the effect of heartfulness meditation on cortisol levels and vital parameters in healthy female medical students.

Materials and Methods: This study was a prospective longitudinal study conducted in the Department of Physiology at Sri Padmavathi Medical College for women, SVIMS, Andhra Pradesh, India. Sixty female medical students of age group 18-25 years were undergone heartfulness meditation training for a period of six months from September 2021 to February 2022 Baseline measurements of cortisol, heart rate, Respiratory Rate (RR) and Blood Pressure (BP) were taken at the beginning of the session and after six months of intervention program i.e., from September 2021 to February 2022. Later pre and post values were compared and analysed statistically by using paired sample t-test and the p-value < 0.05 or 5% was used as level of significance for comparison. For data analysis Statistical Package for Social Sciences (SPSS) version 19 was used. **Results:** The vital signs and cortisol levels in female medical students were significantly changed after practicing heartfulness meditation for six months. There was a significant decrease in Pulse Rate (PR) ($p < 0.001$), Systolic Blood Pressure (SBP) ($p < 0.001$) and Diastolic Blood Pressure (DBP) ($p < 0.001$) and cortisol levels ($p < 0.001$) after 6 months practice of heartfulness meditation. **Conclusion:** The study concluded that heartfulness meditation had a positive effect on sympathovagal balance and also it was effective in reducing stress levels in medical students.

90. Body image perception, eating disorder behavior, self-esteem and quality of life: a cross-sectional study among female medical students.

Mallaram GK, Sharma P, Kattula D, Singh S, Pavuluru P.

J Eat Disord. 2023 Dec 15;11(1):225.

Background: Eating disorders are strongly associated with body image concerns. Eating disorders tend to significantly impact the current and future health and quality of life of affected persons, their caregivers, and society. As body image is based on a social construct of ideal body image, it is essential to evaluate it in its cultural context. **Methods:** The current study explored the relationship among body image perception, perceived stress, eating disorder behaviour and quality of life among female medical students ($n = 777$). Measurements included Body Shape Questionnaire, Body Image Quality of Life Inventory, Eating Attitudes Test-26 and Rosenberg Self-Esteem Scale. Multivariate analysis was conducted. **Results:** There was a significant correlation between eating disorder behaviour and perceived body shape, body image, quality of life and self-esteem among our study participants. We also found eating disorder status was significantly associated with BMI, perceived body shape, quality of life and self-esteem. **Conclusions:** This is of clinical implication to female medical students and healthcare professionals to engage early in primary and secondary prevention of eating pathologies. Increasing awareness of these facts among female students can help identify at-risk students and help them seek timely medical help.

91. Psychiatric morbidity in the first-year students of medical education: A prospective cohort study from South India

Ganesh Kumar M.

Background and Aims: Medical students around the world have been found to have high rates of depression and anxiety as compared to the general population. This study aimed to assess the levels of psychological distress in medical students immediately after they joined medical school and six months later. The study also aimed to assess if there was any association with coping styles, self-esteem, personality, family functioning and academic performance. **Results:** Mean DASS scores at baseline fell within the normal range. There was a significant increase in mean DASS scores six months after joining. Despite this, only 3 students reported taking treatment for mental health problems. DASS scores showed positive correlations with neuroticism and emotion focused coping styles. 36.6% of students reported failing in at least one subject. Academic performance did not show any association with levels of psychological distress. **Conclusion:** Students showed a striking rise in levels of psychological distress six months after joining medical school. This suggests that the

environment of medical school could be playing a role. A change in medical school culture as well as provision of accessible and flexible mental health services is required to meet the needs of students.

92. Efficacy of low-dose lung radiotherapy in the management of COVID-19 patients: a randomised, open-label study.

Dinakar K, Jakka MK, Vemannagari PKR, Mohan A, Subramanian BV, Bodagala VD, Bhuma V, Das P, Bonala SR, Vutukuru VR.

Br J Radiol 2023;10:96.

Objective: Evaluate role of low-dose radiotherapy (LDRT) in COVID-19 pneumonia. **Methods:** Sixty-five patients 40 years or older tested positive for COVID-19 reverse transcriptase-polymerase chain reaction with mild to moderate acute respiratory distress syndrome (ARDS), were randomised 1:1, from 4 June 2021, to either best standard of care (control arm) according to the Indian Council of Medical Research guidelines or a single dose of LDRT (LDRT-0.5Gy) to both lungs along with best standard of care (experimental arm). The primary outcome was either progression to severe disease (PaO₂/FiO₂ ratio <100 mmHg) within 28 days of randomisation or all-cause mortality at 28 days. If the primary outcome could have been prevented, it was considered “favourable”; if not, it was considered “unfavourable.” **Results:** Thirty-three patients were allocated to experimental arm, 32 to control arm. An intention to treat analysis was performed. Unfavourable outcome was seen in 5 (15.2%) patients in experimental arm, vs , 12 (37.5%) patients in control arm, odds of an unfavourable outcome in experimental arm were 0.3, 95% CI 0.09-0.97; two-sided p = 0.04. Four and five patients died in experimental and control arm, respectively. No radiation-induced toxicity was observed. **Conclusion:** LDRT reduced the number of patients with unfavourable outcome at 28 days.

93. Melioidosis presenting with multiple liver abscesses.

Krishna Kumar M, Murali A, Sairam N, Siddhartha Kumar B, Devi BV, Jayaprada R.

J Clin Sci Res 2023;12:S87-9.

A 48-year-old male patient presented with a history of fever, abdominal pain and cough for the preceding 14 days. Abdominal examination revealed tenderness in the right

hypochondrium. Radiological features were suggestive of multiple liver abscesses. Ultrasonography-guided percutaneous catheter insertion into the largest measuring abscess was done. Pus culture grew Burkholderia pseudomallei spp. The patient was started on intravenous meropenem initially which was changed to IV cefoperazone-sulbactam as per the sensitivity pattern. The patient died on the 16 th day of admission due to refractory septic shock. The present case highlights the fact that melioidosis is emerging as an important cause and should be considered in the differential diagnosis in patients presenting with multiple liver abscesses and systemic sepsis.

94. Correlates of Atherosclerotic Vascular Disease in Stable Postrenal Transplant Patients from South India Indian.

Maria Bethsaida Manual, Kusuma Kumari Medooru, Lakshmi Amancharla Yadagiri, Velam Vanajakshamma, Aparna R. Bitla, Rapur Ram, Siva Kumar Vishnubotla.

J Transplant 2023;17:68-73.

Introduction: Renal transplant recipients (RTRs) show increased mortality after 1st year of undergoing renal transplantation. Cardiovascular disease (CVD) is the major cause of mortality in these patients. Oxidative stress (OS), inflammation, and endothelial dysfunction (ED) represent a key triad for the onset and progression of atherosclerosis. The present study was undertaken to assess OS, inflammatory biomarkers, and ED as a surrogate marker of atherosclerosis in stable RTRs. **Materials and Methods:** Thirty stable post-RTRs along with 30 healthy individuals as controls were included in the study conducted at a tertiary care teaching hospital in south India. Lipid profile; OS markers; malondialdehyde (MDA), ischemia-modified albumin (IMA), and ferric reducing ability of plasma (FRAP); inflammatory marker high-sensitivity C-reactive protein and interleukin 6 (IL-6); ED markers nitric oxide (NO) and P-selectin were estimated using standard methods. Lipid indices were calculated. Carotid intima-media thickness, two-dimensional echocardiogram, and renal Doppler scans were done. **Results:** No difference in lipid profile was observed between the RTRs and the control groups. RTRs had significantly higher oxidant markers (MDA and IMA), inflammatory marker (IL-6), marker of ED (NO), and lower antioxidant marker (FRAP) ($P < 0.05$) compared to the control group. RTRs had significantly more number of carotid plaques compared to

the control group. A positive correlation was observed between number of carotid plaque and OS, ED, and inflammatory markers. Conclusion: RTRs have increased CVD risk despite undergoing renal replacement therapy. This can be attributed to the increased OS and inflammation which is seen in these patients.

95. Assessment of serum microRNA-21 and miRNA-205 as diagnostic markers for stage I and II breast cancer in Indian population.

Rama K, Bitla AR, Hulikal N, Yootla M, Yadagiri LA, Asha T, Manickavasagam M, Srinivasa Rao P.

Indian J Cancer 2023;10:187.

Background: Current markers (carcinoembryonic antigen [CEA] and carbohydrate antigen 15-3 [CA15-3]) lack sensitivity in diagnosis of breast cancer. The aberrantly expressed circulating miRNAs were shown as diagnostic markers in breast cancer. However, there are very few studies from the Indian population. We studied the diagnostic utility of miRNA-21, miRNA-155 and miRNA-205 compared to CEA and CA15-3 in stage I and II breast cancer patients. **Materials and methods:** Sixty newly diagnosed women with stage I/II breast cancer and 20 healthy controls were recruited. Expression of circulating miRNAs was studied using reverse transcription-polymerase chain reaction, whereas CEA and CA 15-3 were analyzed by enzyme-linked immunosorbent assay. **Results:** miRNA-21 and miRNA-155 were upregulated, miRNA-205 down-regulated ($P < 0.05$) and serum CEA and CA15-3 levels increased in breast cancer patients ($P < 0.001$). Receiver operating characteristic curve analysis showed significant area under curve (AUC) for all markers (0.656 to 0.993; $P = 0.015$ to <0.001) validating their diagnostic potential. Unlike CEA and CA15-3, miRNAs retained their sensitivity even at higher cut-offs (95% CI of mean). Logistic regression analysis showed significant association between disease and marker positivity for miRNA-21 and miRNA-205 but not for miRNA-155. Combining CA15-3 with miRNAs did not improve their diagnostic performance. However, combining CEA with either miRNA-21 (AUC = 0.742; $P < 0.001$ versus AUC = 0.656; $P = 0.018$) or miRNA-205 (AUC = 0.733; $P < 0.001$ versus AUC = 0.700; $P < 0.001$) increased its diagnostic performance. **Conclusion:** Our study shows miRNA-21 and miRNA-205, are useful as diagnostic markers for breast cancer in the Indian population and combination of these miRNAs with CEA but not with CA 15-3 improved their diagnostic performance.

96. Primary synovial sarcoma of the brain in a 35 year old patient: A rare clinical experience.

Bhavani PH, Subramanian BV, Das P, Lakshmi AY, Rukmangadha N.

J Clin Sci Res 2023;12:68-71.

Synovial sarcoma is an aggressive soft-tissue sarcoma with a poor prognosis and has an origin of uncertain histology. It frequently presents as a localised disease, especially near large joints around the knee and thigh. Intracranial disease, which is rare, has been reported as a metastasis from synovial sarcoma. We report the case of a patient with no obvious primary extracranial pathology, suggesting primary intracranial synovial sarcoma. A 35-year-old male presented with altered sensorium for 1 week. Imaging was suggestive of a left frontal high-grade tumour, for which he underwent decompression. Histology showed biphasic synovial sarcoma. Positron emission tomography-computed tomography did not show lesions elsewhere. He underwent radiotherapy adjvantly.

97. A Comparative Study of Hypofractionated Radiotherapy Versus Conventionally Fractionated Radiotherapy in Post Mastectomy Breast Cancer Patients.

Deepthi GV, Subramanian BV, Pranabandhu Das, Swapna jilla, Sreenivasa Rao B.

Int Nat J Sci Res 2023;12:53-6.

This is a prospective randomized study to compare efficacy and tolerability of hypofractionated radiotherapy (HRT) with conventionally fractionated radiotherapy (CRT) in post mastectomy breast cancer patients in terms of Acute and late toxicities and Locoregional recurrences. 73 patients were analyzed (36 in HRT arm and 37 in CRT arm). The median follow up was 8 months (3-19 months). Grade 1 acute dermatitis was observed in 63.8% patients in HRT group and 67.5% in CRT group ($p=0.74$). Grade 2 dermatitis in 25% of HRT and 24.3% of CRT ($p=0.97$). Grade 1 acute oesophagitis was seen in 63.8% in HRT and 62.1% in CRT ($p=0.88$). Grade 2 acute oesophagitis was seen in 11.1% in HRT and 16.2% in CRT ($p=0.52$). 11.1% in HRT group and 13.5% in CRT group experienced grade 1 pneumonitis (p value= 0.75). 16.6% in HRT group and 21.6% in CRT group had grade 1 lymphedema (p value=0.59). 2.7% of CRT group had grade 2 lymphedema that is statistically insignificant ($p=0.32$). 27.7% in HRT group

and 29.7% in CRT group had grade 1 ($p = 0.85$). 2.7% in HRT and 2.7% in CRT group experienced grade 2 chronic dermatitis ($p=1.21$). 16.6% In HRT group and 18.9% in CRT group had grade 1 chronic oesophagitis ($p = 0.80$). No grade 3 or grade 4 toxicities were seen in any group. One patient in CRT group had recurrence at ipsilateral supraclavicular fossa. None of the patients in HRT group had any loco regional recurrences.

98. Impact of route of reconstruction of gastrojejunostomy on delayed gastric emptying after pancreaticoduodenectomy: A prospective randomized study.

Arora L, Reddy VV, Gavini SK, Chandrakasan C.

Ann Hepatobiliary Pancreat Surg 2023;27:287-291.

Backgrounds/Aims: Pancreaticoduodenectomy (PD) is commonly performed pancreatic procedure for tumors of periampullary region. Delayed gastric emptying (DGE) and pancreatic fistula are the most common specific complications following PD. DGE can lead to significant morbidity, resulting in prolonged hospital stay and increased cost. Various factors might influence the occurrence of DGE. We hypothesized that kinking of jejunal limb could be a cause of DGE post PD. **Methods:** Antecolic (AC) and retrocolic (RC) side-to-side gastrojejunostomy (GJ) groups in classical PD were compared for the occurrence of DGE in a prospective study. All patients who underwent PD between April 2019 and September 2020 in a tertiary care center in south India were included in this study. **Results:** After classic PD, RC GJ was found to be superior to AC in terms of DGE rate (26.7% vs. 71.9%) and hospital stay (9 days vs. 11 days). **Conclusions:** Route of reconstruction of GJ can influence the occurrence of DGE as RC anastomosis in classical PD provides the most straight route for gastric emptying.

99. Evaluation of the Value of Intraoperative Peri-Pancreatic Fluid Amylase Concentration in Predicting a Postoperative Pancreatic Fistula After Pancreaticoduodenectomy.

Sravanti Balaga, Venkatarami Reddy Vutukuru, Sivaramakrishna Gavini, Chandra maliteeswaran Chandrakasan, BrahmeswaraRao Musunuru.

Cureus 2023;15:e44475.

Background: Postoperative pancreatic fistula (POPF) is a common complication after pancreaticoduodenectomy

(PD) and is a cause of significant morbidity and mortality. This study aimed to assess the predictive value of the amylase concentration of fluid accumulating in the peri-pancreatic region intraoperatively or intraoperative amylase concentration (IOAC) for the development of a clinically relevant POPF after PD. **Methods:** All consecutive patients who underwent PD between April 2018 and May 2021 were prospectively included in the study. IOAC and postoperative day-three drain fluid amylase values were measured, and the incidence of clinically relevant POPF (CR-POPF) was noted. Receiver operating characteristic analysis was used to evaluate the predictive capacity of the IOAC for a CR-POPF. **Results:** The study included 64 patients. A clinically relevant POPF was seen in 12 (18.8%) patients. On ROC analysis, the area under the curve (AUC) was 0.912 (with 95% CI of 0.822-1.001, $p < 0.001$), which is highly significant. A cut-off IOAC value of 236 IU/L was derived, and an IOAC above this value was shown to predict the development of a CR-POPF in the postoperative period with a sensitivity of 91.7%. The highest positive predictive value (87.5%) was obtained with a cut-off of 772 IU/L. **Conclusion:** An IOAC is an early, simple, and sensitive predictor for the development of a clinically relevant POPF after PD and can potentially aid in managing the resulting morbidity with intraoperative and postoperative measures.

100. Synchronous double malignancies in patients with gastric cancer: A case series.

Siva Gavini, Chandramaliteeswaran C, Vutukuru V.

Int J Surg Med 2023;doi:10.5455/ijsm.136-1671215421

Background: Synchronous cancers are defined as two or more cancers diagnosed simultaneously or within an interval of 6 months after the diagnosis of primary cancer. They are attributed to similar genetic mutations and genetic susceptibility. **Methods:** All the patients with gastric cancer and synchronous malignancies who underwent surgery were included from 1996 to 2022. Data were extracted from the case records. The analysed data included age, sex, intraoperative procedure, and histopathology report. **Results:** During this period, 7 cases underwent surgical treatment for dual malignancy with a diagnosis of gastric carcinoma. The second malignancy site was the genitourinary system (5 cases), colon (1 case) and left forearm (1 case). **Conclusion:** Synchronous double malignancies in gastric cancer pose a challenge to treating physicians. Proper staging of the disease is needed

and treatment planning should include a multidisciplinary approach.

101. Mass Spectrometry Imaging of Lumpectomy Specimens Deciphers Diacylglycerols as Potent Biomarkers for the Diagnosis of Breast Cancer.

Mondal S, Sthanikam Y, Kumar A, Nandy A, Chattopadhyay S, Koner D, Rukmangadha N, Narendra H, Banerjee S.

Anal Chem 2023;95:8054-8062.

Detecting breast tumor markers with a fast turnaround time from frozen sections should foster intraoperative histopathology in breast-conserving surgery, reducing the need for a second operation. Hence, rapid label-free discrimination of the spatially resolved molecular makeup between cancer and adjacent normal breast tissue is of growing importance. We performed desorption electrospray ionization mass spectrometry imaging (DESI-MSI) of fresh-frozen excision specimens, including cancer and paired adjacent normal sections, obtained from the lumpectomy of 73 breast cancer patients. The results demonstrate that breast cancer tissue posits sharp metabolic upregulation of diacylglycerol, a lipid second messenger that activates protein kinase C for promoting tumor growth. We identified four specific sn-1,2-diacylglycerols that outperformed all other lipids simultaneously mapped by the positive ion mode DESI-MSI for distinguishing cancers from adjacent normal specimens. This result contrasts with several previous DESI-MSI studies that probed metabolic dysregulation of glycerophospholipids, sphingolipids, and free fatty acids for cancer diagnoses. A random forest-based supervised machine learning considering all detected ion signals also deciphered the highest diagnostic potential of these four diacylglycerols with the top four importance scores. This led us to construct a classifier with 100% overall prediction accuracy of breast cancer by using the parsimonious set of four diacylglycerol biomarkers only. The metabolic pathway analysis suggested that increased catabolism of phosphatidylcholine in breast cancer contributes to diacylglycerol overexpression. These results open up opportunities for mapping diacylglycerol signaling in breast cancer in the context of novel therapeutic and diagnostic developments, including the intraoperative assessment of breast cancer margin status.

102. Assessment of serum microRNA 21 and miRNA 205 as diagnostic markers for stage I and II breast cancer in Indian population.

Rama K, Bitla AR, Hulikal N, Yootla M, Yadagiri LA, Asha T, et al.

Indian J Cancer 2023;doi: 10.4103/ijc.IJC_187_20.

Background: Current markers (carcinoembryonic antigen [CEA] and carbohydrate antigen 15-3 [CA15-3]) lack sensitivity in diagnosis of breast cancer. The aberrantly expressed circulating miRNAs were shown as diagnostic markers in breast cancer. However, there are very few studies from the Indian population. We studied the diagnostic utility of miRNA-21, miRNA-155 and miRNA-205 compared to CEA and CA15-3 in stage I and II breast cancer patients. **Materials and methods:** Sixty newly diagnosed women with stage I/II breast cancer and 20 healthy controls were recruited. Expression of circulating miRNAs was studied using reverse transcription-polymerase chain reaction, whereas CEA and CA 15-3 were analyzed by enzyme-linked immunosorbent assay. **Results:** miRNA-21 and miRNA-155 were upregulated, miRNA-205 down-regulated ($P < 0.05$) and serum CEA and CA15-3 levels increased in breast cancer patients ($P < 0.001$). Receiver operating characteristic curve analysis showed significant area under curve (AUC) for all markers (0.656 to 0.993; $P = 0.015$ to <0.001) validating their diagnostic potential. Unlike CEA and CA15-3, miRNAs retained their sensitivity even at higher cut-offs (95% CI of mean). Logistic regression analysis showed significant association between disease and marker positivity for miRNA-21 and miRNA-205 but not for miRNA-155. Combining CA15-3 with miRNAs did not improve their diagnostic performance. However, combining CEA with either miRNA-21 (AUC = 0.742; $P < 0.001$ versus AUC = 0.656; $P = 0.018$) or miRNA-205 (AUC = 0.733; $P < 0.001$ versus AUC = 0.700; $P < 0.001$) increased its diagnostic performance. **Conclusion:** Our study shows miRNA-21 and miRNA-205, are useful as diagnostic markers for breast cancer in the Indian population and combination of these miRNAs with CEA but not with CA 15-3 improved their diagnostic performance.

103. Incidence of Lower Limb Lymphedema in Post therapeutic Gynaecological Malignancies.

Sakkuru RK, Hulikal N, Venkata SB, Konetigari M

Int J Physio 2023;10:41-6.

Introduction: Lower limb lymphedema (LLL) is one of the most disabling side effects of surgical and radiotherapy treatment for gynecological cancers (carcinoma of the cervix, carcinoma of the ovary, carcinoma of the endometrium, and carcinoma of the vulva). The incidence of lymphedema varies in gynecological cancers and patients undergoing radiotherapy and surgery. This prospective study aims to determine the incidence of lower limb lymphedema after surgery and radiotherapy in gynecological malignancies. **Methodology:** A total of 512 subjects who undergo treatment for gynecological malignancies in the department of surgical oncology and/or radiotherapy were screened to find out the incidence of lymphedema by measuring limb circumference with inch tape and extracellular fluid (ECF) volume with bio-impedance analyzer at four intervals, before surgery/radiotherapy, after surgery/radiotherapy, three months follow-up and six months follow-up. The limb circumference and ECF were used to find out the lymphedema. **Results:** Turkey's pairwise comparison test was carried out to determine the incidence of lymphedema in both subjects (radiotherapy & surgery). The percentage of incidence of lymphedema in subjects who have undergone radiotherapy and surgical treatment with gynecological malignancies is 18.94% overall. **Conclusion:** Many subjects developed lymphedema with post-treatment gynecological malignancies. It causes significant functional problems, emotional disturbances, adversely affecting the quality of life, and it also causes a financial burden to the family. Lymphedema can be diagnosed initially using a Bio-impedance analyzer and inch tape to minimize the complications and progression of the disease

104. HPV genotype prevalence in Indian women with cervical disease and estimation of the potential impact of HPV vaccines on prevention of cervical cancer.

Nagaraja M, Narendra H, Venkataramana B, Kalawat U. Indian J Med Microbiol 2023;43:73-78.

Purpose: Human papillomavirus (HPV) causes genital and oropharyngeal cancers worldwide. There are significant gaps exist in the data on HPV genotype prevalence in this part of the country. HPV vaccination is one of the best preventive methods available currently. HPV genotyping plays an important role in the selection of appropriate vaccines and monitoring vaccine efficacy and coverage. The present study aimed to determine the HPV genotype prevalence and to estimate the potential impact of HPV

vaccines on invasive cervical cancer. **Materials and methods:** A total of 204 cervical biopsy samples collected from symptomatic women were subjected to an in-house designed and standardised nested multiplex PCR (NM-PCR) assay. The NM-PCR was designed to detect 38 Mucosal HPV types as a pooled result and genotyping of 15 HPV types. Further, the HPV genotype data was used to estimate the HPV vaccine bivalent, quadrivalent and nonavalent impact on the population using a mathematical formula. **Results:** Out of 204 samples 188 were subjected to HPV-nested PCR. A total of 163 (86.7%) samples were positive for at least one HPV type. Multiple genotypes were identified in 30% of samples processed. HPV-16 (85.3%) was the most frequently detected genotype followed by HPV-18 (13.5%) and HPV-33 (11.0%). Other genotypes were observed less frequently. Based on the HPV prevalence observed in the study a mathematical model estimated the efficacy of bivalent, quadrivalent and nonavalent vaccines were 76.1%, 76.7%, and 91.1% (average) respectively. **Conclusions:** HPV-16 was the most prevalent (>85%) genotype detected in this study. Multiple infections observed in 30% of samples were quite high as compared to the majority of national, and global reference (15-25.4%) data. The Mathematical model showed that a nonavalent vaccine would give better protection.

105. Adult onset sacrococcygeal teratoma.

Baikady SS, Singaram NK.

Cureus 2023;15.

Sacrococcygeal teratoma (SCT), one of the most common neoplastic tumors in newborns, is found very rarely in adults. These teratomas are germ cell tumours. Most of these tumors are benign and cystic in nature, with only 1-2% of them having a malignant transformation. Most of these tumors are benign and cystic in nature, with only 1-2% of them having malignant transformation. A higher incidence was seen in females. Typically, cystic teratomas are asymptomatic, and so the diagnosis was often made inadvertently during radiographic studies. The majority of treatment is complete surgical excision, and both open and laparoscopic procedures have been proven to be efficient. Histopathologic examination can confirm the diagnosis. We present this unusual instance of a 56-year-old female patient with a sacrococcygeal teratoma.

106. A cross sectional observational study on estimation of ABO anti A and anti-B agglutinin titers among blood donors at a tertiary care referral teaching hospital blood centre in Southern India.

Ravikanth C, Arun R, Suresh Babu B, Sreedhar Babu KV, Sandhya G, Prashanth S

J Clin Diagnos Res 2023.

Introduction: Transfusion of blood group O and its components with high ABO antibody titer to non O recipients have been shown to cause acute transfusion reactions especially in **platelet transfusions, as platelets contain both significant amounts of ABO antigen on their surface as well as anti-ABO alloisogglutinins in plasma.** **Aim:** To estimate the ABO anti-A and anti-B agglutinin titers among blood donors at a tertiary care referral teaching hospital blood centre. **Material and methods:** This cross sectional observational study was carried out at the Immunohematology laboratory of the department of Transfusion Medicine, Sri Venkateswara Institute of Medical Sciences, Tirupati, Andhra Pradesh, India, from March 2021 to June 2022. All blood donors presented to our blood center were screened for eligibility of blood donation. Donors who fulfilled the eligibility criteria as per Drugs and Cosmetic act, 1940 and Rules, 1945 were included. Anti-A, anti-B titers were done by conventional tube method with dilutions of 1 in 2, 1 in 4, 1 in 8, 1 in 16, 1 in 32, 1 in 64, 1 in 128, 1 in 256, 1 in 512, 1 in 1024. Titer of <64 was considered as low titer while titer of >64 was considered as high titer. **Results:** A total of 399 donors were included in the study with distribution of male and female 393 (98.5%) and 6 (1.5%) respectively. The mean age of study population was 28.49 years. Among blood group A, percentage of individuals having IgM anti-B titer of <64 were 85.44% (88) and >64 were 14.56% (15) whereas in blood group B, IgM anti-A titer of <64 were 65.5% (93) and >64 were 34.5% (49). In blood group O, percentages of individuals having <64 and >64 titers of IgM anti-A were 52.60% (81) and 47.40% (73) respectively, whereas for anti-B, <64 and >64 titers were 77.92% (120) and 22.08% (34) respectively. **Conclusion:** It is recommended that a data base has to be maintained in all institutes by estimating antibody titers for every A, B, O blood group donors. Whole blood or platelets from group O donors having IgM anti-A and anti-B antibody titers <64 can only be transfused across the ABO barrier. As majority of group A donors had titers <64, group A platelets may be transfused across the ABO barrier in emergency situations.

107. An observational study to evaluate the feasibility, stone – Free rate and complications of RIRS in children < 5 years of age.

Anil Kumar N, Konda Reddy Ch, Shashi Kumar, Ashish Kumar Jayant.

Int Nat J Current Pharmaceut Rev Res 2023;15:141-8.

Aim: The aim of the present study was to evaluate the feasibility, stone free rate, and complications of RIRS in children <5 years of age. **Methods:** All children less <5 years of age with a stone size <2 cm (renal/proximal ureteric), who underwent RIRS at Sri venkateshwar institute of medical sciences, Tirupati, India for the period of two years were included in this retrospective study. A total of 50 children with 64 renal units met the inclusion criteria. From our hospital database, demographic data, complete history, clinical examination findings, laboratory reports of complete hemogram, serum biochemistry, urine analysis, and urine culture were retrieved. **Results:** A total of 50 pediatric patients were evaluated, out of whom, 4 had bilateral renal stones (54 renal units). Out of these 50 renal units, 4 patients had multiple stones in the same renal unit. The youngest child was a 4 month old boy who presented with anuria due to bilateral upper ureteric stones. The most common location of the stone was the pelvis and the lower pole. Stones were most commonly of the mixed composition (46%), followed by calcium oxalate dihydrate (22%). **Conclusion:** Pediatric RIRS is a promising option in young children as it offers an acceptable stone free rates and a low incidence of high grade complications. However, it requires expertise and should be offered at tertiary care centres.

108. Outcome assessment of Tubeless Mini – Percutaneous Nephrolithotomy (PCNL) for the treatment of large (> 20mm) Renal stones.

Anil Kumar N, Manoj B, Shashi Kumar, Anupam Bhargava.

Int Nat J Current Pharmaceut Rev Res 2023;15:13-9.

Aim: The aim of this study was to evaluate the outcomes of tubeless mini percutaneous nephrolithotomy (PCNL) for the treatment of large (>20 mm) renal stones. **Methods:** The study included consecutive adult patients who underwent mini PCNL for large (>20 mm) renal stones for the period of 2 years at Sri venkateshwar institute of medical sciences, Tirupati, India. Preoperative, operative, postoperative, and follow up data during

outpatients' visits were prospectively recorded and maintained using a computer database. The data were retrospectively analyzed. The study included 200 patients in the study. **Results:** The study included 200 patients with mean age 42.9 ± 13.8 years (range 18–79) and mean stone size 30.2 ± 9.6 mm (range 20–70). Mean operative time was 61.8 ± 30.1 min (range 25–180). The average number of tracts per renal unit was 1.26. The stone free rate following the single session of mini PCNL was 86% (n = 172). Mean hospital stay was 2.9 ± 0.9 days. The overall intraoperative and 30 day postoperative complication rate was 8% (n = 16), with the majority being Clavien classification Grades I and II (n = 15). Minor Grade (I–II) complications included postoperative fever requiring antibiotics in cases, postoperative haematuria requiring blood transfusion in two cases, severe postoperative pain requiring prolonged opioid analgesia in two cases, and perinephric hematoma that was managed conservatively in two cases. **Conclusion:** Mini PCNL is a safe and effective treatment for the management of adult patients with large renal stones. Stones located in multiple sites inside the PCS is the only predictor of unsuccessful outcome.

109. Anil Kumar Nallabothula, Shashi Kumar, Komarabathini Rakesh Pradeep, Anirudh Suseel Nalumar. A Prospective Study of Factors Predicting Outcome of Trial of Void without Catheter in Patients with Acute Urinary Retention Secondary to Benign Prostatic Hyperplasia. International Journal of Current Pharmaceutical Review and Research. 2023;15(7):38–44.

110. Kattamreddy Ananth Rupesh, Anirudh Suseel Nalumar, Mohit Kumar Moses T, Keertan Adarsh Bhagavathula, Keerthana Chunduru, Naga Tejaswi Surla, Manasa Marada, Alekhya Marina. A comprehensive primer on transgender health in India. National Board of Examinations Journal of Medical Sciences. 2023;1(11) <http://dx.doi.org/10.61770/nbejms.2023.v01.i11.006>.

111. Monotherapy Of Tamsulosin Vs Monotherapy of Solifenacin in The Treatment Of Ureter Stent Discomforts In Urology Patients: A Retrospective Study.

Dharani Prasad P, N.Anil kumar, Sai Gowtham K, Sai Chaitanya K, Chandra Priya P, Tejaswani K, Maneesha P, Vishnu Teja P, & Mallikarjuna B P.

J Popul Therapeutic Clin Pharmac 2023;30:103-10.

DJ stent placement is a common and necessary urological procedure that can be used in a variety of ways to treat a variety of urinary tract conditions. It can cause lower urinary tract symptoms (LUTS). Pharmacologic therapy is one of several experiments that have been conducted to alleviate these symptoms, specifically the use of alpha-1A blockers (tamsulosin) and antimuscarinics (solifenacin) in the treatment of LUTS associated with DJ stents. The aim of our study was evaluating the monotherapy of tamsulosin vs monotherapy of solifenacin in ureter stent discomfort patients in department of Urology Sri Venkateswara Institute of Medical Sciences south Indian tertiary care teaching hospital Tirupati, Andhra Pradesh. A retrospective study was conducted in 187 patients with ureter stent discomfort patients. The data collected from 187 patients was initially assessed for their USSQ questionnaires, QoL and efficacy of monotherapy of tamsulosin vs monotherapy of solifenacin was assessed.

112. Awareness on Risk Factors and warning signs of Myocardial Infarction among patients attending OPD's at tertiary care centre, Tirupati.

Revathi V, Nagarathnam M.

Int Nat J Creat Thoughts 2023;11:171-7.

Objectives: To assess the knowledge on risk factors and warning signs of myocardial infarction among patients attending OPD's. To determine the association between level of knowledge on risk factors and warning signs of myocardial infarction with their selected socio demographic variables. **Materials and methods:** **Methodology:** The research approach used for the present study was Cross-Sectional Descriptive Research Design. The sample of the study chosen by Non - Probability Convenience Sampling Technique, which includes 150 selected patients attending OPD's, SVIMS. A self structured questionnaire was used to collect the data which consists of 42 dichotomous questions. **Results:** The major findings of the study was out of 150 patients; 94 (62.7%) had moderate knowledge, 30 (20%) had adequate knowledge and 26 (17.3%) had inadequate knowledge on risk factors and warning signs of myocardial infarction. The association of demographic variables with the level of knowledge on risk factors and warning signs of myocardial infarction determined by using chi-square test which revealed that there was a highly significant association with type of family, duration of chewing

tobacco, duration of alcohol consumption, BMI and source of information. **Conclusion:** The study findings revealed that, majority of patients attending OPD's were had moderate knowledge on risk factors and warning signs of myocardial infarction. Hence, patients attending OPD's should improve their knowledge regarding risk factors and warning signs of myocardial infarction to lead a better life.

113. Prevalence and risk 'factors' of delirium in older patients admitted to a tertiary care centre in South India: A prospective observational study.

Nagarathnam M.

Indian J Anaes 2023;67:394-6.

Introduction: Older adults have a high risk of developing delirium. The presence of delirium lengthens a patient's hospital stay and increases economic burden and mortality. Early detection and management of delirium decrease mortality, morbidity, and distress in older patients having the aforementioned condition and their caregivers.[1] Studies in India on the older population have evaluated the clinical profile, prognostic factors, and severity in patients with delirium.[2–4] The aim of the present study was to investigate the incidence and risk factors of delirium in older adults. **Methods:** A prospective study was carried out after receiving approval from the institutional ethics committee of Sri Venkateswara Institute of Medical Sciences, Tirupati (Roc.No.AS/11/IEC/SVIMS/2017 dated 2.7.2018). The study was carried out in accordance with the principles of the Declaration of Helsinki, 2013. Acute and critically ill patients were admitted to the medical and surgical intensive care units (ICUs) of the hospital. Among the admitted patients, those who had no conditions outlined under the exclusion criteria and who met the inclusion criteria were included in the study. Patients aged ≥ 60 years, who were admitted for at least 24 hours to the ICU, and who were willing to participate were included in the study. Patients with history of delirium, psychosis, dementia, depression, severe aphasia, stroke, brain injury, hearing impairment, and comatose, having a Richmond Agitation–Sedation Scale (RASS) score of -4 and -5 for more than three days,[5] and who were on ventilator and were non-responsive to arousal were excluded from the study. Consent of the next legal heir, as applicable, was obtained before initiating the study. During the study period (28 November 2018 to 28 February 2020), patients were evaluated twice and 12 hours apart within 24 hours of admission. Demography, history of

comorbidities and trauma, and behavioural traits of the patients were documented by enquiring the attendants of said patients and by examining case sheets. Patients having RASS scores of “ 3 to + 4 were evaluated for delirium using the Confusion Assessment Method for the ICU (CAM-ICU).[6] Subtypes of delirium were categorised based on the RASS score.[5] The primary objective of the study was to examine the prevalence of delirium, and its secondary objective was to find out the predictors of delirium. A sample size of 827 was calculated by assuming an α value of 0.05, a β value of 0.20, a 50% prevalence of delirium, and null hypothesis value of 45.143. The mean and standard error of mean and categorical variables of patients with and without delirium were compared using student's independent *t* test and the Chi-squared test. Predictors of delirium were investigated using multivariate backward likelihood ratio logistic regression analysis. Exact *p* values are shown in the tables. **Results:** Among the 827 patients investigated, 105 (12.69%) were diagnosed with delirium. No significant difference in the prevalence of delirium was observed along the lines of gender, education, occupation, smoking, alcohol intake, type 2 diabetes, combination of comorbidities (such as hypertension and type 2 diabetes), and admission to either medical or surgical ICU. Patients who were Muslim or Christian, unmarried, who had hypertension, who were non-ventilated, who were on analgesics, benzodiazepine, and sedatives, who were hypoactive and who were diagnosed with the central nervous system diseases, metabolic diseases, and sensory impairment were significantly higher in delirious than non-delirious. A higher prevalence of delirium group was found in non-ventilated than in ventilated patients. Longer mean duration of ICU stay and longer mean duration of hypertension was noticed in patients with delirium than without it ($P < 0.001$) [Table 1]. Logistic regression analysis showed that variables such as ICU stay, hypertension, and ventilator use were found to be predictors of delirium in older patients [Table 2].

114. Awareness on prevention of deep venous thrombosis among pre-operative patients at tertiary care centre, Tirupati.

Poojitha K, Nagarathnam M.

Int Nat J Creative Thoughts 2023;11:728-36.

Objectives: To assess the knowledge on prevention of deep vein thrombosis among pre-operative patients. ∞ To

find out the association between level of knowledge with their selected socio-demographic variables. **Materials and methods:** Methodology: The research approach used for the present study was Cross-Sectional Descriptive Research Design. The sample of the study chosen by Non-Probability Purposive Sampling Technique, which includes 150 selected patients of SVIMS, OPD's. A self structured questionnaire was used to collect the data which consists of 45 dichotomous questions. **Results:** The major findings of the study was out of 150 pre-operative patients in SVIMS. 67 (44.7%) had moderate knowledge, 56 (37.3%) had adequate knowledge and 27 (18%) had inadequate knowledge on prevention of deep vein thrombosis. The associations of demographic variables with the level of knowledge on deep vein thrombosis determined by using chi-square test which revealed that there was a highly significant association with gender, education, occupation, family income, BMI, age and previous knowledge on deep vein thrombosis. **Conclusion:** The study findings concluded that the pre-operative patients had moderate knowledge on deep vein thrombosis and need to develop knowledge on preventive measures on deep vein thrombosis. The pre-operative patients were advised to follow the preventive measures on deep vein thrombosis to improve their health status and also to reduce the morbidity after surgery.

115. A study to assess the knowledge, attitude, practices on pap smear test among women attending at MCH Centre, Tirupati.

Hemalatha M, Gowri Devi K, Nagarathnam M.

Int Nat J Creative Thoughts 2023;1:351-65.

Objectives: To assess the knowledge, attitude and practice on pap smear test among women attending at MCH center, Tirupati. To find out the association between knowledge, attitude and practice on pap smear test among women with their selected socio-demographic variables. **Material and methods:** Methodology: The research approach used for the present study was Cross-Sectional descriptive Research Design. The sample of the study chosen by Non-Probability Convenience Sampling Technique, which includes 200 samples. A self-structured questionnaire consist of knowledge on pap smear test and modified standardized questionnaires which consists of attitude and practices of pap smear test form-20 (SF-20) standardized questions

was used to collect the data. **Results:** The findings of the study regarding levels of knowledge on pap smear test revealed that 120 (60%) had moderate knowledge, 43(21.5%) had inadequate knowledge, only and only 37(18.5%) had adequate knowledge. The findings of the study regarding levels of attitude on pap smear test revealed that 126 (63%) had moderately favorable attitude, 46 (23%) had favorable attitude, and only 28 (14%) had unfavorable attitude. The findings of the study regarding levels of practices on pap smear test revealed that 101 (50.5%) had satisfactory practices, 62 (31%) had good practices, and only 37 (18.5%) had poor practice on pap smear test. The overall mean and standard deviation regarding level of knowledge 1.97 ± 0.0633 , for level of attitude 2.09 ± 0.603 and the level of practices 2.13 ± 0.694 respectively. The association with levels of knowledge shows that income was highly significant at $P < 0.05$ level and other variables such as education, income, marital status, type of family history of cervical cancer had not statistically significant. The association with levels of practices shows that education, occupation, income was significant at $P < 0.05$ level and other variable such as aware of pap smear test had not found statistically significant. **Conclusion:** The study concluded that, a majority of women had moderate level of knowledge on pap smear test, moderately favorable attitude and only satisfactory level of practices on pap smear test among women attending at MCH center, and some of the demographic variables were statistically significant. Hence it can be concluded that it is important to focus on exploring experiences with follow up and treatment associated with abnormal pap smears, as well as perspectives of health authorities and professionals about barriers in the early detection and treatment process for cervical cancer.

116. A study to assess the knowledge on Radiation therapy induced skin reactions among attendants of the cancer patients attending Radiation Oncology outpatient departments, SVIMS, Tirupati.”

Sai Dinesh T, Gowri Devi K, Nagarathnam M.

Int Nat J Creative Thoughts 2023;11:976-87.

Objectives: To assess knowledge on radiation therapy induced skin reactions among attendants of cancer patients. To find out the association between level of knowledge on radiation therapy induced skin reactions with their selected socio - demographic variables. **Materials and methods:** Methodology: The research approach used

for the present study was Cross-Sectional Descriptive Research Design. The sample of the study chosen by Non-Probability Convenient Sampling Technique, which includes 200 attendants of the Cancer patient of SVIMS, Radiation Oncology Out Patient Departments. A self structured questionnaire was used to collect the data which consists of 30 multiple choice questions. The major findings of the study was out of 200 cancer patient attendants shows that 109 (54.5%) of patient attendants had moderate knowledge level, 53 (26.5%) of patient attendants had adequate knowledge level, 38 (19%) of patient attendants had inadequate knowledge levels on radiation therapy induced skin reactions. The associations of demographic variables with the level of knowledge on radiation therapy induced skin reactions determined by using chi-square test which revealed that there was a highly significant association with education, occupation, marital status, personal habits, having any skin diseases before radiation therapy and comorbidity conditions. **Conclusion:** The study findings concluded that the patient attendants had moderate knowledge on radiation therapy induced skin reactions and need to develop skills and techniques on skin care management. The information booklet on side effects and its management of radiation therapy and therapy induced skin reactions had significantly favourable effect on knowledge of patient attendants regarding side effect management.

117. A study to assess knowledge of cancer survivors.

Varalakshmi K, Sarada D.

Int Nat J Multi Discipl Res 2023;5:2582-160.

Introduction: Cancer is a generic term for a large group of diseases that can affect any part of the body. Other terms used are malignant tumour and neoplasms. One defining feature of cancer is the rapid creation of abnormal cells that grow beyond their usual boundaries, and which can then invade adjoining parts of the body and spread to other organs; the latter process is referred to as metastasis. Widespread metastasis is the primary cause of death from cancer (WHO,2022). Cancer is a leading cause of death worldwide, accounting for nearly 10 million deaths in 2020, or nearly one in six deaths. Aim of the study is to assess the knowledge of cancer survivors on various aspects of cancer. **Material and methods:** Prospective observational study design was employed and data collected on 290 cancer survivors attending medical, surgical and radiation

oncology OPDs of cancer hospital. **Results:** Among the sample studied 25.5 percent had low knowledge, 69.3 percent had moderate and only 5.2 had high knowledge on health, nutrition and life style.

118. Nutritional Status and Nutritional behaviour of cancer survivors.

Varalakshmi E, Sarada D.

Int Nat J Novel Res Develop 2023;8:2456-4184.

Cancer is a leading cause of death worldwide, accounting for nearly 10 million deaths in 2020, or nearly one in six deaths. One defining feature of cancer is the rapid creation of abnormal cells that grow beyond their usual boundaries, and which can then invade adjoining parts of the body and spread to other organs; the latter process is referred to as metastasis. Widespread metastases are the primary cause of death from cancer (WHO, 2022). The aim of the study is to assess the nutritional status and nutritional behaviour of cancer survivors attending medical, surgical and radiation oncology OPD's of a cancer hospital.

119. Resilience as a protective factor on the quality of life (QoL) of Indian nursing students during the COVID-19 pandemic Archives of Psychiatric Nursing.

Vijayalakshmi P, Kathyayani BV, Sreelatha M.

ELSEVIER 2023;42:55-9.

Background: The COVID-19 pandemic negatively impacted the quality of life of individuals around the world, including health care professionals. There has been little research that examines the role of resilience concerning the impact of COVID-19 on the quality of life of nursing students. This study aimed to determine how resilience influenced the quality of life among nursing students during the COVID-19 pandemic. **Methods:**A cross-sectional research design was adopted for this study. A total of two hundred sixty-eight nursing students from three universities, South India responded in the web-based survey. Data was collected using self-reported questionnaires in June 2021. **Results:** Our findings revealed that the participants' resilience was normal, which had a moderate impact on the quality of life of nursing students during the COVID-19 pandemic. The COVID-19 impact on QoL significantly differed with year of education ($F = 3.087$; $p < 0.02$) and university ($F = 6.697$, $p < 0.001$). Bivariate analysis revealed

significant inverse relationships between the impact of COVID-19 on quality of life with resilience ($r = -0.259$; $p < 0.001$) and perceived knowledge on COVID-19 ($r = -0.168$; $p < 0.006$). **Conclusion:** In our study, we found that resilience had a moderate impact on the quality of life of nursing students during the COVID-19 pandemic. Therefore, it is important to promote students' resilience and improve their quality of life during stressful situations.

120. A study to assess the knowledge regarding self-care management of client with diabetes mellitus in selected urban slums, Tirupati.

Sreelatha, Madhavi G, Sudha Rani P.

IOSR J Nursing Health Sci 2023;12:43-51.

Objectives of the study to assess the knowledge regarding selfcare management of clients with diabetes mellitus and to find the association between knowledge regarding selfcare management of clients with diabetes mellitus with their selected socio demographic variables. A descriptive design was adopted. One hundred diabetic clients were selected by using convenient sampling technique on the basis of inclusion criteria to assess the knowledge regarding self-care management of clients with diabetes mellitus. The data was collected from Nehrunagar, Indiranagar, Bommagunta, Manchinellagunta urban slums in Tirupati. Who fulfilled inclusive criteria, Consent was taken from them by explaining the purpose of the study. The interview schedule was used to assess knowledge regarding self-care management of clients with diabetes mellitus. Regarding the level of knowledge on self-care management of diabetes mellitus among 100 diabetic clients, 50% had moderate knowledge, 30% had inadequate knowledge, 20% had adequate knowledge. There was association between the socio-demographic variables like age, gender, educational status, occupation, family income per month, family history of diabetes mellitus, source of information and duration of illness significant at $P < 0.01$ level, type of family at $P < 0.05$ level and there was no significant association with other socio demographic variables like Marital status, Religion and Type of Diabetes. These findings suggested that majority of sample were had moderate and inadequate knowledge so there will be need to enhance the knowledge of self-care management of Diabetes mellitus, so there by researcher distributed information booklet to all samples. Further nurses need to organize the health education campaigns on self-care

management of diabetes mellitus to enhance their knowledge.

121. Knowledge assessment of accredited social health activist about the rashtriya balaswasthya karyakram in selected urban slums, Tirupati.

Katakam Sindhupriya, Kokilamma B, Sudha Rani P, Sreelatha M.

Int Nat J Creat Res Thoughts 2023;11:2320-82.

Background: The Rashtriya Bal Swasthya Karyakram (RBSK) program is technically known as Child Health Screening and Early Intervention Services. The main purpose of the program is to detect and manage 4Ds which are prevalent in children. **Objective:** The objective of the study was to assess the knowledge of ASHA workers as well as anganwadi workers about the RBSK in rural area of District Kathua using semi-structured questionnaire. **Materials and Methods:** The present study was a cross-sectional descriptive study conducted in the zone Budhi which is a field practice area of the Department of Community Medicine, GMC Kathua. The zone consists of 24 villages with 18 ASHA workers and 35 anganwadi workers and one mobile RBSK team available at Community Health Center, Parole. After obtaining ethical clearance, all the ASHA workers and anganwadi workers were included in the study as they were willing to participate. **Results:** The present study revealed that majority of the workers were between the age group of 20–40 years. About 71.42% of the anganwadi workers were 12th pass and majority of the ASHA workers were 8th and 10th pass. Majority of the anganwadi workers received training related to RBSK program and knew about the benefits of the RBSK program. About 82.85% of the workers knew about the equipment used by RBSK team members for screening. **Conclusion:** Anganwadi workers and ASHAs need to be made aware of their perceptions and role in the program so that their efficiency is increased and the percentage of child morbidity and mortality can further be lowered.

122. A study to assess the level of Depression and Death Anxiety in relation to Covid-19 among Geriatric population at Nehru Nagar, Tirupati.

Usha Rani Y, Bhagya Lakshmi M, Hemalatha S

Int Nat J Creat Res Thoughts 2023;11:15-30.

Background: Old age should be regarded as a normal, inevitable biological phenomenon. The elderly are a vulnerable section of the population who are prone to physical, mental, social, and economic deprivation.

Objectives: To assess the level of depression and death anxiety in relation to covid-19 among geriatric population. To find out the association between the level of Depression and Death Anxiety with their selected socio demographic variables. **Materials and Methods** A descriptive research design was conducted among 100 geriatric population using non-probability convenience sampling technique. The standardized tools Geriatric depression scale and Tamplers Death anxiety scale were used to assess the level of depression and death anxiety. Cronbach's alpha reliability formula is used, $r=0.7$ for level of depression, $r=0.7$ for death anxiety. Data were analysed with the help of descriptive and inferential statistics. Results: 25% of geriatric population had normal level, 54% had mild level of depression and 21% had severe level of depression. In view of death anxiety, 22% of geriatric population had mild death anxiety, 61% had moderate level of death anxiety, 17% had severe level of death anxiety and no one had panic level of death anxiety. There was a statistically significant association between level of depression with their demographic variables like area of living, marital status, educational status, monthly income, number of children and engaged in any other activities at 0.05 level. There was a statistically significant association between level of death anxiety with their demographic variables like educational status, monthly income, source of income and source of information regarding covid-19 at 0.05 level. **Conclusion:** Geriatric people were encouraged for practicing relaxation techniques, raising awareness on COVID and family counselling to overcome stress and anxiety.

123. A study to assess the knowledge regarding legal aspects in psychiatric nursing care among IV th year B.Sc Nursing students at College of Nursing SVIMS, Tirupati.

Sireesha MC, Bhagya Lakshmi M, Hemalatha S.

Int Nat J Creat Res Thoughts 2023;11:831-9.

Objectives: To assess the knowledge on legal aspects in psychiatric nursing care among IV B.Sc. nursing students at college of nursing, SVIMS, Tirupati. To find out the association between the knowledge on legal aspects in psychiatric nursing care of IV year B.Sc. nursing students

with their selected demographical variables. Methodology A descriptive design was adopted. Eighty-three IV year B.Sc. nursing students were selected by using non probability purposive sampling technique on the basis of inclusion criteria to assess the knowledge regarding legal aspects in psychiatric nursing care. **Results:** Regarding the level of the knowledge on legal aspects in psychiatric nursing care among 83 IV year B.Sc. nursing students 10 had inadequate knowledge, 30 had moderate knowledge and 43 had adequate knowledge. There was a statistically significant association of knowledge regarding legal aspects and age, religion, gender, type of family, monthly family income and marital status at 0.05 level. The mean knowledge score was 2.39 and standard deviation 0.69. **Conclusion:** These findings suggested that extensive knowledge will be needed to bring awareness among legal aspects in psychiatry nursing care.

124. A study to assess the prevalence of shopaholic among the students of selected colleges, Tirupathi, Andhra Pradesh.

Jana Siva Sesha Sai Kumar, Hemalatha S, Bhagya Lakshmi M.

Int Nat J Creat Res Thoughts 2023;11:2320-82.

A shopaholic is a person considered to be addicted to shopping otherwise known as shopping addiction, A slang term for Compulsive Shopping also known as Compulsive buying disorder or pathological buying disorder, is a mental health condition characterized by the persistent, excessive, impulsive, and uncontrollable purchase of products in spite of severe psychological, social, occupational, financial consequences is characterized by an obsession with shopping and buying behaviour that causes adverse consequences. Persons with CBD are preoccupied with shopping and spending, and devote significant time to these behaviours. The consequences of compulsive buying, which may persist long after a spree, can be devastating, with marriages, long-term relationships, and jobs all feeling the strain. The most effective treatment is to attend therapy and group work in order to prevent continuation of this addiction. **Objectives** 1. To assess the prevalence of shopaholic among college students. 2. To associate the level of shopaholic with selected demographic variables among college students. college students. Methodology A descriptive design was employed by using Non probability convenient sampling technique. Data was collected from 100 students of undergraduate students at S.V College,

Tirupati. Data analysis consisted of descriptive and inferential statistics. Results In this study out of 100 undergraduate students 34(34 %) have the prevalence of shopaholic and remaining 66(66%) are not. The prevalence was associated with demographic variables like education of mother, monthly income of father, monthly family income were statistically significant at 0.01 level whereas age, type of family, type of living area, socio economic class were statistically significant at 0.05 level and remaining were statistically not showing any significant association. ConclusionThe study concluded that there is significant association on prevalence of shopaholic related to age, type of family, type of living area, and socioeconomic, education of the mother, monthly income of the father, monthly family income whereas gender, religion, education of the father, monthly income of the mother, marital status, occupation of the father and occupation of the mother were statistically not showing any significant association. Awareness programmes should be conducted to the school and graduate with different area. The present study finding serve as a basis for the professionals to conduct further studies on shopaholic disorder. Awareness programmes should be conducted to the school and graduate with different area and also can conduct same study with different variables on a large sample.

125. A Study to assess the level of stress perceived by the parents due to school closure during COVID-19 pandemic in Nehru Nagar, Tirupathi.

Hymavathi D, Hemalatha S, Bhagyalakshmi M.

Int Nat J Creat Res Thoughts (IJCRT); 2023; Volume 11, Issue 2: ISSN 2320-2882.

Seventeen years ago, the emergence of SARS in China also caused has a huge impact on mental health, causing people to experience various degrees of emotional problems widespread fear and heightened emotions. Therefore, researchers can predict that the outbreak of COVID-19 will cause considerable mass hysteria such as tension, anxiety, and fear which may lead to severe psychological disorders such as acute stress disorder, posttraumatic stress disorder, depression and suicide. Methodology: A non-experimental descriptive design was adopted. 100 parents of 7th, 8th, 9th, and 10th school going children, were selected by using nonprobability purposive sampling technique on the basis of inclusion criteria to assess the level of stress perceived by the parents due to school closure during COVID – 19 pandemic in Nehru Nagar,

Tirupati. Results: Regarding the level of stress perceived by the parents due to school closure shows that majority of parents, 77% had moderate level of perceived stress, 14% had severe level of perceived stress and 9% had mild level of perceived stress. There was a statistically significant association between the level of perceived stress due to school closure during covid 19 pandemic and parent, relationship status and children going to school at 0.05 level of significance and religion at 0.01 level. The mean knowledge score was 2.05 and standard deviation 0.479 respectively. Conclusions: This study demonstrates parents that were encouraged for practicing relaxation techniques, raising awareness on COVID19 and home care management like balancing household work with attending children neediness classes, awareness on online classes, avoiding poor family functioning, and developing, planning skills to take care of children at home during school closure. Maintaining sleep hygiene among family members and family counseling to overcome perceived stress and anxiety.

126. An observational study on the musculoskeletal endurance among physiotherapy students.

Chandra Sekhar Naik K, .Meena Gayathri B, Mahima, Sathish BL, Sai Surekha, Madhavi K, Viswanath Reddy A.

IJRAR 2023.

Background: In recent times the drastic changes that occurred in society affected the life style and physical activity of individual. Due to increased usage of mobile phones, online games and school giving less importance for sports and physical activities, people have been accustomed to sedentary lifestyle. Hence, to estimate the ideal levels of endurance in individuals, this study has been chosen. **Objectives:** To estimate the endurance and fitness among the physiotherapy student **Methodology:** An observational study on male and female physiotherapy students of age group between 18 to 23 years. This study involves evaluation of musculoskeletal endurance by making the subjects to do squats, elbow planks and abdominal crunches.

127. An observational study on body composition analysis among female health care professional students.

Vaishnavi Kumari, Madhavi K, Viswanath Reddy A.

Int Nat J Novel Res Develop 2023;8.

Background: Recent pandemic has affected general health and quality of life among the population. It has disrupted many regular activities of life including sports, recreation and physical activity. Hence, to evaluate the optimal levels of percentage body fat, visceral fat percentage and skeletal muscle mass, this study has been chosen. **Objectives:** To evaluate the percentage body fat, visceral fat percentage and skeletal muscle mass among health care professional students. **Methodology:** An observational study of young female health care professional students of age group 20-25 years. 398 subjects were included in the study and body composition was done using portable body composition analyser. **Result:** Among 398 subjects, 178 subjects were having high visceral fat percentage and 182 subjects were having high skeletal muscle mass. **Conclusion:** Majority of (44.72%) subjects were having higher visceral fat percentage (45.72%) were having higher skeletal muscle mass.

128. Effects of working posture on neck pain and functional activities in computer operators – survey method.

Gayathri P, Madhavi K, Shanthi C, Senthil Kumar K, Raghava Krishna S,

Int Nat J Novel Res Develop 2023;8.

Background: In the modern era of networking, technological advances, particularly invention of computers revolutionized our way of working. Most of the computer operators suffering from neck pain due to poor posture while working. It reduces their performance on their daily functional activities. **Objectives** To analyse the effect of posture on Neck pain in computer operators. To analyse the effect of posture on functional activities in computer operators by using Questionnaire. **Methods** 100 subjects were taken for the study from SVIMS, Tirupati. Males 49% and females 51% with age group of 25-50 with work duration of 6- 8 hrs per day with work experience of 9-17 years were taken. And they were surveyed with the help of NDI Questionnaire. **Result** Out of 100 subjects, 73 individuals have Forward head position and 27 have normal

head and neck position. Out of 73, both gender equally affected with mostly affected age group of 30-45 with 69 individuals were working for 6-8 hours, 27 individuals were having work experience of 9-11 years and have Mild to Moderate disability based on NDI Questionnaire. **Conclusion** From this we conclude that most of the computer operators have forward head position which affects their neck pain and functional activities, develops mild to moderate disability with both gender equally affected and mostly affected people in age group of 30-45 years with working experience of 9-11 years and working hours of 6-8 hours per day.

129. Prevalence of motor impairments of hand and level of ambulation following plasmapheresis in subjects with Guillain Barre Syndrome (GBS).

Hema K, Madhavi K, Srikumari V, Kameswari G.

IJNRD 2023;8.

Prevalence of motor impairments of hand and level of ambulation following plasmapheresis in subjects with Guillain Barre Syndrome (GBS) abstract background and purpose: Guillain barre syndrome (GBS) is an acute, progressive, symmetrical, ascending demyelinating polyneuropathy characterized by symmetrical limb weakness, areflexia, autonomic disturbances, and mild/absent sensory involvement. After plasma exchange [PE], GBS subjects are discharged with certain degree of improvement and there is very limited research, regarding the evaluation of motor deficits in GBS after plasmapheresis. About 30 of every 100 people continue to experience weakness more than 3 years after the original event, and about 15 of 100 have a long-term weakness that requires assistance, such as walker, wheelchair or other support. This review aimed at determining the Prevalence of motor impairments of hand and level of ambulation following plasmapheresis in subjects with Guillain barre syndrome [GBS]. **objectives:** To evaluate the hand function in subjects with GBS by using Jebsen Taylor hand function test. [JTHFT], To evaluate the level of ambulation in subjects with GBS by using functional ambulation category [FAC]. **Methodology:** An observational study conducted on 45 subjects, out of which 29 were male and 16 were female, primary outcomes used for the results were Jebsens taylors hand function test (JTHFT) for hand function and Functional ambulation category (FAC) for ambulation ability, which were evaluated before and after plasmapheresis **Outcome Measures:** Hand function

assessed by the JTHFT (Jebsens taylor hand function test), and level of ambulation assessed by FAC (Functional ambulation category). **Conclusion:** After plasmapheresis, there were still remaining significant motor impairments for hand and there found a significant improvement in FAC grades. So, there is a need to emphasize on rehabilitation even after discharge, with patients on proper exercise adherence and regular follow up. **Key Words :** Plasmapheresis, Rehabilitation, Jebsens taylor hand function test, Functional ambulation category.

130. Evaluate the incidence of predisposing factors of plantar fasciitis in security guards: An observational study.

Geetha K, Madhavi K, Shanthi C, Senthil Kumar K.

Int Nat J Novel Res Develop 2023;8

Objectives: To find out the incidence of predisposing factors of plantar fasciitis in security guards by screening the following factors Age (20 to 60), Gender (Males & Females), BMI, Shoe type, Arch height, Period of weight bearing by number hours they stand, walk in a day.

Methods: Observational study was conducted to find out the incidence of predisposing factors of plantar fasciitis in SVIMS, TTD. We obtained our targeted sample of 100 was obtained using convenience sampling. **Result:** The estimated occurrence of heel pain came out to be 34.78%. Among them the incidence of plantar fasciitis was 34.78%. age, gender, BMI, types of shoe, arch observation, period of weight bearing were among predisposing factors. **Conclusion:** The condition was found to have low prevalence, age 40 - 60, BMI more than 24 - 26, prolonged standing (more than 6-8hrs) were found to have strong association with this condition.

131. Incidence of facial disability in patients with cerebellopontine angle tumor resection – A Retrospective study.

Shridimai, Srikumari V, Madhavi K, Kameswari G.

IJNRD 2023;8.

Background and Purpose: The aim of the study was to evaluate the facial nerve palsy in patients with Cerebellopontine angle tumor resection so as to know the incidence of facial disability. This study was done at SVIMS Neurosurgery Outpatient department through retrospectively observing the subjects who underwent the tumor resection. Patients were observed and evaluated

accordingly. **AIM:** The aim of the study was to evaluate the incidence of facial disability in patients with cerebellopontine angle tumor resection. **Objectives** The objective of the study was to evaluate the facial paralysis by using House-Brackmann facial grading scale and to evaluate the facial disability through facial disability index questionnaire. **Methodology:** Patients who underwent cerebellopontine angle tumour resection during the period of march 2018-december 2021 were initially contacted through telephone and were asked to attend the Neurosurgery outpatient department at SVIMS Tirupati for review. Later the patients who ever visited the Neurosurgery outpatient department for review were observed and evaluated for facial nerve paralysis. Patients who had difficulty to visit for the review were observed and evaluated through virtual mode. **Statistical Analysis:** Analysis of the data was done and pie charts were drawn for the percentage obtained for each grade according to HBFGS.(1-6) Both men and women percentage of incidence of facial nerve palsy was represented in separate pie diagrams. Another pie chart diagram represented the percentage of facial disability that was calculated using FDI questionnaire. It indicated the percentages of disability of FDI scores obtained by the patients ranging from (0-100). **RESULTS:** Results showed that there is a significant incidence of facial disability in patients with CPA tumour resection and there is a need for facial rehabilitation following the resection. **Conclusion:** Results suggest that there is a need for facial rehabilitation following Cerebellopontine angle tumour resection so that facial palsy can be corrected. The facial functioning along with the facial disability Index can be improved as well.

132. To screen the exercise adherence behaviour and physical activity levels in type 2 diabetic individuals; an observational study.

Naveena S, Madhavi K.

IJNRD 2023;8.

Diabetes is group of metabolic disorder characterized by a chronic hyper glycaemia caused by impaired secretion of insulin. Exercise adherence refers to the ability to maintain an exercise program for an extended period. Physical activity is defined as “any bodily movement produced by the contraction of skeletal muscles which results in energy expenditure that is greater than that at rest”. Physical activity is not limited to sports but also

includes the physical activity of daily life associated with work, home, transportation and non-competitive leisure

133. To study the influence of Sitting Time Duration and Physical Activity Levels on Abdominal Obesity in Adults: An Observational Study.

Sreenidhi P, Madhavi K, Suresh Kumar M, Kavitha N.

IJPRP 2023;8.

Background: Abdominal obesity is also a condition where excessive abdominal fat is present around the stomach. It is also known as truncal / central obesity. The aim of the study is to study the influence of sitting time and physical activity effect on abdominal individuals. Objectives: This study evaluates the anthropometric measurements (i.e., HT, WT, BMI, WC, HC, WHR), sitting time duration (hrs/week) and physical activity levels (metmin/week) to see the effect on abdominal obesity individuals. **Methodology:** An Observational study of 50 young male adults of age group 30 years were included in the study. The study was sent through goggle forms via e-link to 70 individuals. 20 individuals were not included in the study according to the exclusion criteria. **Outcome measures:** Anthropometric measurements in the 1st phase of the questionnaire. Sitting time and Physical Activity in the 2nd phase of questionnaire using sitting time and physical activity questionnaires. Result: 68% of individuals were at very high risk of sitting more and 64 % of individuals were minimally active. The mean values of sitting time and physical activity are 90.68 and 1504.86 respectively. **Conclusion:** More sitting time and less physical activity increases the risk of abdominal obesity in young male individuals who have desk job.

134. To Evaluate the functional Exercise Capacity of Young Individuals in Health Care Profession: An observational study.

Mr. Shaik Mohammad Vasim Akram, Dr. K. Madhavi SVIMS, College of physiotherapy

IJPA 2023;8:981-84.

Background: Functional exercise capacity, it compares & evaluates the individual capacity, health status, body function and structures to perform work activities. Aim: The study aims to evaluate the functional capacity of young individuals in health care profession. Objectives: To evaluate the functional exercise capacity of young individuals in the health care profession, their inspiratory capacity through incentive Spirometry test and functional exercise capacity

through six minutes walk test. Methodology: Subjects who met the inclusion criteria were included in the study. The subjects were evaluated for inspiratory capacity using incentive Spirometry. After evaluating inspiratory capacity subjects were tested for 6 MWT distance walked were recorded. pre and post 6 MWT (HR, BP, SPO₂), Vitals of the subjects were recorded. **Outcomes:** We have chosen different parameters such as Six minute walk distance, BMI, Pulse rate, Blood pressure, Spo₂, Inspiratory capacity in the present study. **Conclusion:** The study concluded that the functional capacity in young individuals in health care profession was moderate in both the females and males.

135. Incidence and Risk Factors of stroke and its subtype in middle aged people: A Retrospective study.

Sowjanya N, Srikumari V, Madhavi K, Kameswari G.

IJNRD 2023;8.

Background and Purpose: The burden of stroke is increasing in India. Stroke is the 4th leading cause of death and 5th leading cause of disability in India, whereas the 2nd leading cause of death and disability worldwide. During the past 30 years of time span, the global stroke incidence is increased by 70% and by 43%. Disability adjusted life years (DALYs) due to stroke increased by 32%. The exposure of people to the potential risk factors for stroke may effect the incidence of stroke. The primary prevention of stroke is essential to control the rapid hike of stroke. By identifying the potential risk factors, it will be helpful in modifying them such that prevents the incidence and prevalence of stroke. This study was conducted to investigate the incidence of stroke, risk factors and their distribution based on stroke subtypes in SVIMS, Tirupati. **Objective:** 1. To find out the incidence of stroke and its subtypes by retrospection of manual medical records. 2. To find out the risk factors causing the stroke which further helps to bring awareness and to promote risk factor education at community level to prevent the occurrence of stroke by means of manual medical records. **Materials and Methods:** A retrospective hospital based study was conducted at SVIMS, Tirupati. All medical records with the diagnosis of stroke were identified from January -2015 to December -2020. A master chart for data gathering was used to retrieve data about the demographics, diagnostics and risk factors. **Results:** Out of 1252 cases, two-thirds were marked with ischemic stroke whereas haemorrhagic

stroke has low incidence with mean ages of 54.9 years. The most common risk factors contributing in occurrence of stroke are hypertension (HTN) and diabetes mellitus (DM). The most common risk factors found to contributing in occurrence of stroke are hypertension (HTN) and diabetes mellitus (DM). **Conclusion:** Ischemic stroke has higher incidence than haemorrhagic stroke with a 3:1 ratio with a male predominance and hypertension was found to be a most common risk factor. Systemic hypertension, diabetes mellitus, smoking, alcoholism, were significantly associated with stroke. Systemic hypertension, diabetes mellitus, smoking, alcoholism, were found to be significantly associated with stroke.

136. Effectiveness of therapeutic horseback riding simulators over hippotherapy on sitting balance in spastic cerebral palsy children “A literature review based comparative study.

Mr.M.Govindu, Dr.V.srikumari, Dr.G.Kameswari
Dr.K.Madhavi

Int Nat J Novel Res Develop 2023;8:452-461.

Background and Purpose: In the recent literature we can find many articles dealing with effectiveness of therapeutic horseback riding simulator over hippotherapy for the sitting balance in spastic cerebral palsy children. Cerebral palsy (CP) is a static, non-progressive disorder caused by brain insult or injury occurs before birth, around the time of birth. Postural control is key important for performing daily activities like sitting, standing and for gait. Lack of postural control is one of the major problems faced by most of the cerebral palsy children. Horseback riding simulator (THR) consists of devices that mimic movement of real horse. Hippotherapy is cost effective and it is uncommonly used therapeutic approach in cerebral palsy children in the training of postural control. This study is to review literature and to compare the effectiveness of therapeutic horseback riding simulator (JOBA, Panasonic inc.) over hippotherapy on sitting balance in spastic cerebral palsy children. **Aim And Objectives:** To review the literature on the comparison of the effectiveness of therapeutic horse back riding simulators over hippotherapy on sitting balance by Pediatric Balance Test (PBS), Gross Motor Function Measures – 66 Sitting Dimension (GMFM-66) in spastic cerebral palsy children. **Methodology:** Due to Covid-19, we carried the review of literature and analysed the publications from past 20 years. Herewith

submitting the review of the study named A Comparative Study on the effectiveness of therapeutic horse back riding simulators over hippotherapy on sitting balance in spastic cerebral palsy children. This literature review focused on controlled randomized studies, reviews, meta-analysis published in the English language from 2000-2020. The research was conducted by using following search engines: Google scholar, PubMed and MEDLINE with following key words: Cerebral Palsy, Spasticity, Therapeutic Horse Back Riding simulator, Hippotherapy, Sitting Balance. **Results:** 40 articles were reviewed in this study, 18 were excluded although the current level of evidence is weak, our review found that children with spastic CP, Gross Motor Function Classification System (GMFCS) levels I–III, aged 5 years and above were likely to have significant improvements on gross motor function and their sitting balance, as a result of hippo therapy and therapeutic horse back riding simulator. Evidence indicates that 40-min a session, 3 times a week for 8–16 weeks, result in significant effects. **Conclusion:** This review concluded that sitting balance is recovered by using Therapeutic horse back riding simulator than hippotherapy through the mechanism of sensorimotor stimulation, increased righting and equilibrium reactions. The improvement in functionality was found to be greater in spastic type of CP than the other types. It appears that therapeutic horse back riding simulator has shown more effect on the improvement of gross motor function and sitting balance than hippotherapy in children with spastic cerebral palsy.

137. Observational study on symptoms in patients with and without mechanical ventilation in Guillain Barre Syndrome.

Suprajavalli A, Himaja M, Madhavi K, Srikumari V, Kameswari G.

Int Nat J Mult Discip Res 2023;5.

GBS is an immune mediated inflammatory polyradiculopathy, combined with symptoms include Quadriplegia, Paraesthesia and Respiratory insufficiency. (1) **OBJECTIVE:** This study aimed to determine the clinical findings indicating patients with early symptoms involving with Respiratory insufficiency along Paraesthesia and Quadriplegia in ventilated and Non ventilated Patients. It was a prospective observational study. A total of 40 consecutive patients over a period of 4 months were included in this study. All patients were examined for limb weakness, respiratory involvement and paraesthesia

followed by (8_12 days) of Hospitalization. RESULTS: Out of 40 patients 27 were males and 13 were females with median average age of 42 the patients includes with; Respiratory Insufficiency - 08 (20%) Quadriparesis - 38(95%) Dsyarthria - 08 (20%) Dysphagia - 11 (27.5%) Paraesthesia - 25 (62.5%) Facial palsy - 14 (35.5%) Ophthalmoplegia - 13 (32.5%)

138. P Recovery in Patients with Traumatic Brain Injury an Observational Study.

Devika, Rakshandha Khan S, Srikumari V, Madhavi K.

Int Nat J Multi Descip Res 2023;5:1-9.

Introduction: Traumatic brain injury(TBI) accounts one-quarter to one-third of accidental deaths and for 2/3rds of trauma deaths in hospitals.1 Traumatic brain injuries are one of the main reasons for death in recent years worldwide. It affects the brain functions and is currently one of the crucial concerns of global public health issues .Following head injury, individuals develop unconsciousness, sensory, behavioural, cognitive and physical disorders. The Glasgow coma scale (GCS)has been adapted into categories to detect the severity[mild,moderate,severe,] and are ubiquitous in the trauma setting.This study is to revise the GCS categories to account for an interaction by age and to determine the discrimination of the categories compared with the standard GCS categories2 .The study was been conducted to evaluate the recovery of patients following head injury with GCS categorization and Rancho Los Amigos(RLA). Method: A prospective observational study was conducted in SVIMS hospital from March 2023 to June 2023.Demographic details, CT findings, GCS score,RLA were studied. **Objectives:** The Purpose of this study is to find the recovery of patients with TBI and to establish standard protocol for treatment in the field of physiotherapy in ICU. Results: 60 patients with head injury were included in the study ,who were admitted to the hospital Majority of TBI'S were with the age group of 20-45 years.Malesand females were also included . The most common mechanism of injury was due to motorcycle accidents followed by assault. The overall mortality was 8 males (3),females(5) in the present study.Patients were classified as Mild, Moderate, Severe depending onGlasgow Coma scale. The Mean Length of stay of the patients is 6.4 days. The RLA score I-IV (6) , V- VIII(42) at the time of discharge

139. Effects of working posture on neck pain and functional activities in computer operators – survey method.

Pullagura Gayathri, Senthil Kumar K, Shanthi C, Raghav Krishna S, Madhavi K.

Int Nat J Novel Res Develop 2023;8:504-16

Background: In the modern era of networking, technological advances, particularly invention of computers revolutionized our way of working. Most of the computer operators suffering from neck pain due to poor posture while working. It reduces their performance on their daily functional activities. **Objectives** To analyse the effect of posture on Neck pain in computer operators. To analyse the effect of posture on functional activities in computer operators by using Questionnaire. Methods 100 subjects were taken for the study from SVIMS, Tirupati. Males 49% and females 51% with age group of 25-50 with work duration of 6- 8 hrs per day with work experience of 9-17 years were taken. And they were surveyed with the help of NDI Questionnaire. Result Out of 100 subjects, 73 individuals have Forward head position and 27 have normal head and neck position. Out of 73, both gender equally affected with mostly affected age group of 30-45 with 69 individuals were working for 6-8 hours, 27 individuals were having work experience of 9-11 years and have Mild to Moderate disability based on NDI Questionnaire. Conclusion From this we conclude that most of the computer operators have forward head position which affects their neck pain and functional activities, develops mild to moderate disability with both gender equally affected and mostly affected people in age group of 30-45 years with working experience of 9-11 years and working hours of 6-8 hours per day.

140. To find the effectiveness of positional release technique on pain, range of motion and functional activities in subjects with subacute trapezitis.

Haripriya, Shanthi C, Senthil Kumar K, Raghava Krishna S, PT, Madhavi K.

J Emerging Tech Innov Res 2023;10:2.

Background: trapezius stretching combined with Positional Release Technique (PRT) have found effective in trapezitis **Method:** An experimental study design, selected subjects with subacute trapezitis was randomized into Study and Control group. Total 30 subjects, 15 subjects in each group;

data was collected who completed the study. Control group received passive trapezius muscle stretching while Study group received positional release technique with passive trapezius muscle stretching for 8 sessions in 2 weeks. Outcome measurements such as Visual Analogue scale, Neck disability index and cervical Range of motion were measured. **Results:** There is statistically showing improvement in means of VAS, NDI and Range of motion before and after intervention within the groups and there is statistically significant difference when the post-intervention means after 2 weeks of treatment were compared between Study and Control group. **Conclusion:** It is concluded that the Positional Release Technique with trapezius stretching found to be significantly more added effect than trapezius stretching alone in improving pain, functional disability and cervical movements for subjects with subacute trapezitis.

141. Comparative study of conventional exercise with core strengthening through pilates on pain, functional ability in subjects with low back pain.

Himasree Sagarika G, Shanthi C, Senthil Kumar K, Raghava Krishna S, PT, Madhavi K.

J Emerg Techn Innov Res 2023;10:127-152.

Background: Low back pain (LBP) is one of the most common causes of disability, and the Pilates method has been associated with improvements in symptoms. Low back pain (LBP) is the most common musculoskeletal condition affecting the adult population, with a prevalence of up to 84%. LBP symptoms can derive from many potential anatomic sources, such as nerve roots, muscle, fascial structures, bones, joints, inter-vertebral discs (IVDs), and organs within the abdominal cavity. Pilates sessions can help muscle conditioning in healthy adults, when compared to doing no exercise. They strengthen core support for the back, teach good alignment, and provide gentle stretches for tight back muscles. **Aim:** To compare the effectiveness of Pilate based exercise and conventional exercise in low back ache individuals **Need of the study:** Normally patients with low back ache are given back strengthening exercises. Core muscles are the most neglected muscles and they have to be strengthened. Very few studies were done on core strength impact on reducing low back ache. **Objective:** To study the effectiveness of Pilate exercise and regular back exercise on pain reduction with the help of VAS. To study the effectiveness of Pilate exercise and regular back exercise on functional ability

with the help of functional scale (oswerthy disability index). **Design of the study:** experimental study. **Inclusive Criteria:** Gender : women; age : 30 - 40 yrs ; Nonspecific back pain (sub acute) **Exclusive Criteria:** Age < 30yrs and > 40yrs Male Back pain due to nerve involvement like sciaticaRecent Fracture Disc pathology Bony deformities (scoliosis , hyperlordosis)Degenerative diseases **Methodology:** 30 subjects for taken through simple randomized method(lottery method). They are divided into two groups 15 each. Group A (Experimental group) are given Pilate exercise for 6weeks; 3/ days ina week; 2 times a day. Group B (Control group) are given normal back exercises **Results:** Pilates will be effective in increasing trunk range of motion and decrease in pain over a duration of 6 weeks when compared with conventional exercise **Conclusion:** the experimental group treated with pilates had significant increasing trunk range of motion over a duration of 6 weeks compared to control group treated with conventional exercise.

142. An observational study onnon specific low back pain with level of disability in different individuals.

Varshini K, Venkata Ramesh C, Pushpa N, Keerthika P, Kasthuraiah Y, Shanthi C, Madhavi K.

Int Nat J Res Analy Rev 2023;10:240-6.

Background: Low back pain is common musculoskeletal condition that contributes to disability. Poor posture, Obesity, improper technique of lifting, carrying weights are the some of the common causes that need to be focused in preventing and managing back pain. Occupation and life style also have influence on low back pain. So we have taken oswestry questionnaire to know the level of disability in different individuals for this study. **Objective:** To determine the severity of a low back pain and the extent to which it limits their daily activities. **Methodology:** An observational study was conducted among different individuals between 20-70 years of age group by using oswestry low back pain disability questionnaire. **Result:** Among 61 individuals, 14 individuals have mild disability; 24 individuals have moderate disability; 20 individuals have severe disability and 5 individuals are completely disabled. **Conclusion:** Majority of the individuals (39%) are moderately disabled,(33%) individuals are severely disabled;(23%) individuals are minimally disabled ,(5%) individuals are completely disabled.

Annual Report 2023

2. Research Projects

Apart from rendering service to the patients, the faculty are actively involved in research activities under the financial assistance of Central, State Government and private funding agencies. The details of on-going projects are as follows:

2.1 Details of Ongoing projects with extra mural fund agencies as on 31.03.2023

S. No	Investigator	Funding Agency	Title of the Project	Grant of money (Rupees)
1	Dr.Alladi Mohan Prof.& HOD, Dept. of Medicine, Principal Investigator, SVIMS.	Directorate General of Health Services, New Delhi	Evaluation of the efficacy of thrice week DOTS regimen in TB pleural Effusion at six months	11,27,743
2	Dr.Alladi Mohan Prof.& HOD, Dept. of Medicine, Principal Investigator, SVIMS.	ICMR, New Delhi	A prospective Double-blind Randomized Controlled Trial (RCT) to determine the effect of Vitamin D supplementation of the development of active tuberculosis and	12,52,828
3	Dr.UshaKalawat, Assoc. Prof, Dept. of Microbiology, Principal Investigator, SVIMS.	ICMR, New Delhi	Establishment of a network of laboratories for managing epidemics and natural calamities	9,85,04,622
4	Dr.Alladi Mohan Prof.& HOD, Dept. of Medicine, Principal Investigator, SVIMS.	Science & Engineering Research, New Delhi	To Study the effect of mobile phones on well being, sleep and cognitive function	25,75,000
5	Dr.Alladi Mohan Prof.& HOD, Dept. of Medicine, Principal Investigator, SVIMS.	ICMR, New Delhi	Impact of package of intensive smoking cessation interventions versus recommended, basic smoking cessation advice on outcomes in smear-smear positive patients with pulmonary tuberculosis	6,68,923
6	Dr.K.SivaSankar, CfAR, SVIMS	DBT, New Delhi	Exosomesignaling via EBER-1 and EBER-2 and the regulatory role of lost BTB/POZ domain containing Zinc finger proteins.	83,74121
7	Dr. K. Madhavi, Professor & Principal, COP, SVIMS.	Centre for Vedas Science Research (CVSR) Tirupati	Influence of integrated physiotherapy and Vedic therapy on pain, disability and quality of life in grade I, Osteo arthritis individuals	4,27,000
8	Dr.K.Nagaraj, Professor & HOD, Dept. of Community Medicine, SVIMS.	ICMR, New Delhi	Improving the Health Care Access among Scheduled tribes: An Implementation Research in Chittoor District, Andhra Pradesh	38,61,080
9	Dr.K.Nagaraj, Professor & HOD, Dept. of Community Medicine, SVIMS.	ICMR, New Delhi	Socio-demographic, health, nutritional vulnerability and Prakriti assessment among the elderly in Chittoor District, Andhra Pradesh : a cross sectional study	28,65,110

Sri Venkateswara Institute of Medical Sciences

S. No	Investigator	Funding Agency	Title of the Project	Grant of money (Rupees)
10	Dr.S.Venkata Naveen Prasad, Associate Professor, Dept of Neurology, SVIMS.	ICMR-NCDIR Bengaluru	HTA of National Stroke Care Registry Programme: Development of Hospital Based Stroke Registries in different regions of India	8,51,988
11	Dr.Alladi Mohan, Prof.& HOD, Dept. of Medicine, Principal Investigator, SVIMS.	INTEREST Trial, Vellore	Intravenous Treatment for Scrub Typhus (INTREST) Trial	2,50,000
12	Dr. K. Nagaraj, Professor & HOD, Dept. of Community Medicine, SVIMS.	Vijayawada, Andhra pradesh	Morbidity Status and Socio-cultural profile of population in villages near tailing pond of Uranium Corporation of India Ltd, Thummalapalli, YSR Kadapa District – A cross- sectional study	24,00,462
13	Dr.UshaKalawat Assoc. Prof, Dept. of Microbiology, Principal Investigator, SVIMS.	NCDC New Delhi	Program for Intersectoral coordination for prevention and control of zoonotic diseases in India	1,08,56,944
14	Dr.Alladi Mohan, Prof.& HOD, Dept. of Medicine, Principal Investigator, SVIMS.	ICMR, New Delhi	Prevalence, risk factors and laboratory diagnosis of non tuberculosis mycobacterial (NTM) disease : a multicentre study	19,70,004
15	Dr.D.Rajasekhar Prof.& HOD, Dept. of Cardiology, SVIMS.	ICMR, New Delhi	ICMR-National heart failure registry	2,41,935
16	Dr.R. Jayaprada, Assoc. Professor, Dept. of Microbiology, SVIMS.	BIRAC, Govt. of India.	Developing a prediction model for determining probability of harbouring ESBL producing enteroacteriaceae in UTI	2,02,107
17	Dr.K.Nagaraj, Professor & HOD, Dept. of Community Medicine, SVIMS.	ICMR, New Delhi	Self care practices and quality of life among diabetic patients in rural area of Chittoor District, Andhra Pradesh	50,000
			Total	13,64,79,867

Annual Report 2023

SBAVP Grant released for the calendar year 2023

i) For Faculty

S.No.	Name	Title of the project	Grant Sanctioned Rs.
1.	Dr B.V. Subramanian Professor & HoD Dept. of Radiotherapy	Dosimetry and clinical outcomes of tandem ring versus tandem ovoids intracavitary brachytherapy applicators in the treatment of carcinoma cervix – A randomised study	4,00,00,000
2.	Dr Venkatarami Reddy .V Professor & HoD Dept. of Surgical Gastroenterology	CUSA versus electrical diathermy for pancreatic transaction: Impact on postoperative pancreatic fistula	20,00,000
		Ultracision harmonic scalpel (UHS) versus Cavitron Ultrasonic Surgical Aspirator (CUSA) as liver parenchymal transaction techniques in liver resections: A prospective randomized study	25,00,000
		CUSA versus Kelly's clamp crush technique as liver parenchymal transaction techniques in liver resections: A prospective randomized study	40,00,000
		Role of Intra Operative Ultrasonography (IOUS) to define surgical resection margin of hepatectomy in hepatocellular carcinoma	45,00,000
3.	Dr Alok Sachan Professor & HoD Dept. of Endocrinology	A study on performance of the Osteoporosis Self assessment Tool for Asians (OSTA) score as a screening tool for osteoporosis among the postmenopausal women	12,04,000
		Subgroups of adult onset type 2 diabetes mellitus in South Indian population	7,48,000
4.	Dr Manilal .B Assoc. Professor Dept. of Surgical Oncology	A prospective study to evaluate the association between symptomatic hypocalcemia and parathormone levels in patients undergoing total thyroidectomy	6,35,000
5.	Dr K. Umamaheswara Rao Professor & HOD Dept. of Parmacology	Influence of DPYD genetic variants on gastrointestinal and breast cancer patients with fluoropyrimidines (5-FU or Capecitabine) –based chemotherapeutic regimens in a tertiary care cancer centre in South India	6,50,000
6.	Dr Arpana Bhide Assoc. Professor Dept. of Physiology SVIMS-SPMCW	Assessment of prevalence of cardiac autonomic neuropathy and its association with serum interleukin 6 levels among type 2 diabetes mellitus patients	1,55,00,000

Sri Venkateswara Institute of Medical Sciences

S.No.	Name	Title of the project	Grant Sanctioned Rs.
7.	Dr B. Vijaya Lakshmi Devi Professor & HoD Dept. of Radiology	Study of 3T magnetic resonance spectroscopy's (MRS) in diagnosis and differentiation brain lesions Role of diffusion weighted MR imaging in the preoperative assessment of endometrial cancer	8,00,00,000
8.	Dr PVGK Sarma Assoc. Professor Dept. of Biotechnology	The effects of selected natural compounds on gene expression in type II pneumocytes of the lungs exposed to PM 2.5, a causative agent of chronic obstructive pulmonary disease	65,00,000
9.	Dr N. Harini Devi Assoc. Professor Dept. of Biochemistry	Association of screening markers of ovarian cancer risk with glycaemic control in patients with type 2 diabetes mellitus	2,37,000
10.	Dr Ram Medical Supdt., SVIMS	Construction of 3rd and 4th floors over existing Central Library building for clinical Research Centre at SVIMS	13,00,00,000
11.	Dr R. Sri Devi Asst. Professor Dept. of Anaesthesiology and Critical care	Effectiveness of dexmedetomidine versus propofol infusion for sedating oral cancer patients undergoing elective awake fiberoptic nasal intubation: A prospective, randomized, comparative, active control study	1,96,00,000
12.	Dr Aloka Samantaray Professor & HoD Dept. of Anaesthesiology and Critical care	A comparison of bonfils intubation fiberscope with C-MAC D-Blade video laryngoscope for tracheal intubation in patients with difficult airway	2,55,00,000
13.	Dr Kondagunta Nagaraj Professor & HoD Dept. of Community Medicine	Evaluation of cancer awareness and screening programme – An Implementation Research in Tirupati District, Andhra Pradesh	7,69,39,000
14.	Dr Anju D Ade Professor Dept. of Community Medicine	Awareness, lifestyle, prevalence of risk factors of cardiovascular diseases among rural adults of Tirupati, Andhra Pradesh	1,48,54,000
15.	Dr N. Rukmangadha Professor & HoD Dept. of Pathology	Study of tumour budding as a histopathological marker and prognostic tool in gastric carcinomas Clinicopathological and microbial culture evaluation of fungal infections related to COVID -19; An institutional experience	1,21,50,000
		Comparison of Tumor infiltrating lymphocytes density with histopathological and prognostic parameters in oral squamous cell carcinomas	

Annual Report 2023

S.No.	Name	Title of the project	Grant Sanctioned Rs.
		Prevalence of stromal tumor infiltrating lymphocytes in invasive breast carcinoma	
		Assessment of venous invasion in colorectal carcinoma using elastin stain: A simple technique to detect an under reported yet important prognosticator	
16.	Dr Ram Professor & HoD Dept. of Nephrology	A study comparing clinical efficacy & cost effectiveness for CKD patients who received treatment via Tele-Nephrology & through conventional system	1,20,000
17.	Dr Usha Kalawat Prof. & Head Dept. of Clinical Virology	Next generation sequencing to ascertain genetic diversity of dengue virus	1,44,30,000
18.	Dr B. Vijayalakshmi Devi Prof. & Head Dept. of Radiology	Diagnostic accuracy of dual energy CT in detection and prognostication of breast carcinoma	10,00,40,000
19.	Dr Silpa Kadiyala Assoc. Professor Dept. of Radiology	Diagnostic performance of mammography (Digital breast tomosynthesis) in the interpretation of BIRADS score in screening and diagnostic settings	1,55,00,000
20.	Dr Amitha Vikrama K.S Asst. Professor Dept. of Radiology	Ethanol sclerotherapy for venous malformation	2,00,00,000
21.	Dr R Jayaprada Professor Dept. of Microbiology	Planning, designing and commissioning of a modern CSSD in a tertiary care hospital – A need of the hour	8,93,90,000

ii) MD/DM/MCh Post Graduates

S.No.	Name	Title of the project	Grant Sanctioned Rs.
1	Dr Likhitha Butukuri, Postgraduate Senior Resident in DM (Endocrinology)	Patients and predictors of acute complications among patients with type 1 diabetes mellitus	21,600/-
2	Dr Gopinath Reddy .V Postgraduate Junior Resident in MD (Pathology)	Study the association between expression of E-cadherin, β -catenin and vimentin in primary oral cavity squamous cell carcinoma with lymph nodal metastasis	50,000/-
3	Dr P.Venkata Harish Postgraduate Senior Resident in DM (Cardiology)	Association of testosterone with the angiographic severity of coronary artery disease in the middle age males	23,000/-
4	Dr B. Sruthi Postgraduate Senior Resident in DM (Endocrinology)	Thyroid specific autoantibodies and calcitonin levels in graves disease with hyperthyroidism before and after treatment with carbimazole	50,000/-
5	Dr B. Swathi Postgraduate Junior Resident in MD (Pathology)	Immunoexpression of Bcl-2, Cyclin D1, Ki-67 and p53 in oral squamous cell carcinoma	50,000/-
6	Dr M. Srihari Rao Postgraduate Junior Resident in MD (Microbiology)	Phenotypic and molecular characterization of carbapenem resistant enterobacteriaceae in clinical specimens from medical intensive care unit in a tertiary care hospital	50,000/-

3.0 Journal of clinical and Scientific Research

Editorial Board:	Hon.Editor-in-Chief	-	Dr R.V.Kumar
	Exec.Editor-in-Chief	-	Dr PVLN.SrinivasaRao

One of the major objectives of Sri Venkateswara Institute of Medical Sciences include creating a center of excellence for providing medical care, educational and research facilities of a high order in the field of medical sciences, developing patterns of teaching so as to set a high standard of medical education. As part of achieving this objective, the need for bringing out a peer-reviewed journals was felt.

The Journal of Clinical and Scientific Research (JCSR) was born in the year 2012. The JCSR is published quarterly, both in “print” and “online” formats and the “free full-text” is placed in the Journal’s website. The journal has grown fast and attracted 1,253 submissions in its first twelve years from across the world. The Journal of Clinical and Scientific Research is indexed with/included in Directory of Open Access Journals (DOAJ), (included in MCI/NMC list of indexes), Indian Science Abstracts; and The journal is registered with the following abstracting partners: Baidu Scholar, CNKI (China National Knowledge Infrastructure), EBSCO Publishing’s Electronic Databases, Ex Libris – Primo Central, Google Scholar, Hinari, Infotrieve, National Science Library, ProQuest, TDNet, Wanfang Data.

Annual Report 2023

From 2014, the journal, to facilitate disseminating of content has introduced QR code, similarity (plagiarism) check using iThenticate®, DOI for access of full text articles. From 2018, the journal is being hosted by M/s Wolters Kluwer.

This peer-reviewed journal promotes electronic submission and fast-track processing with an average submission to first decision time of 52 days. This fast-track processing time and presence of free-full text online will be a boon to young researchers who wish to publish their research work. Also, no fees are charged for submission, processing and publication by the journal. Thus, Journal of Clinical and Scientific Research encourages vibrant young faculty researchers and postgraduates to submit their work for publication in the journal. So far, 48 issues have been published without any break or missing of an issue with 235 submissions last year. The journal has grown in strength with number of original articles increasing from a minimum of 3 per issue to a minimum of 10 per issue from January 2024 issue. The journal gets distributed to all the Medical Colleges, Medical Institutions, Medical Universities, Research and Development institutions in the country.

BEST PAPER AWARD

JCSR, with the intention of encouraging the contributors, is presenting “Best Paper Awards”, one each under “Original Article” and “Case Report” Categories. The articles published in the year 2023 (Volume 12 Issues 1-4) were examined by three experts for each category and the Best Paper under each of the categories were identified. The “Best Papers” for the year 2023 are listed below:

Under “**Original Article**” Category

Kumar A, Darshan A, Prabhu M, Appajigol J, Patil B, Gautam S. Clinical characteristics and risk factors for COVID 19 related adverse outcomes in patients with type 2 diabetes mellitus. J Clin Sci Res 023;12(Suppl 1):5-10.

Under “**Case Report**” Category

Naini A, Sree AS, Talasila AS, Pappu SS, Shetty M. An unusual case of angioedema. J Clin Sci Res 2023;12(Suppl 2):134-7.

The authors shall be issued a merit certificate on the University Anniversary day, 26th February 2024. Hope this will stimulate the contributors to send their best work to our journal.

R. V. Kumar
Hon. Editor-in-Chief



V HUMAN RESOURCE DEVELOPMENT



V Human Resource Development

1.0. Degrees conferred

For the academic year 2022 – 23, the following students have successfully completed their academic programme and became eligible for award of Degrees/Diplomas during the next Convocation.

1.1 DM / MCh Courses

S.No.	Name of student	Specialty
1	Dr Y. Hanok Hruday Mohan	Cardiology
2	Dr G. Rajashekhar Varma	Cardiology
3	Dr Pulugundla Varun	Cardiology
4	Dr V. Viswanath	Cardiology
5	Dr M Keerthana	Endocrinology
6	Dr P. Krunal Pravinchandra	Endocrinology
7	Dr V. Ravi Teja Cherukuri	Medical Oncology
8	Dr Advait M K	Medical Oncology
9	Dr Prasanna Kumar N	Nephrology
10	Dr Mathini S	Nephrology
11	Dr Karanam Sai Arun	Neurology
12	Dr Sura Srija	Neurology

S.No.	Name of student	Specialty
13	Dr S. K. Abdul Hakeem	Neurology
14	Dr Anirudh Suseel N	Genito Urinary Surgery
15	Dr M. Harsha Vardhana Varma	Genito Urinary Surgery
16	Dr Anupam Bhargava	Genito Urinary Surgery
17	Dr Ashish Kumar Jayant	Genito Urinary Surgery
18	Dr Praveen Yangannagari	Neurosurgery
19	Dr Venkatesh V Kharalkar	Neurosurgery
20	Dr Prudhvi Raj Karumuri	Surgical G.E.
21	Dr Shathak S Baikady	Surgical Oncology
22	Dr Vinodhini P	Surgical Oncology

1.2 M.D. / M.S. Courses

S.No.	Name of student	Specialty
1	Dr Madhuri Dommaraju	Anaesthesiology
2	Dr Hajira	Anaesthesiology
3	Dr Pappireddy Anupama	Anaesthesiology
4	Dr N. Vasundhara	Anaesthesiology
5	Dr V. Mounika	Anaesthesiology
6	Dr C. Niveditha	Anaesthesiology
7	Dr Dombara Priyanka	Anaesthesiology
8	Dr B. Manju Sree	Anaesthesiology
9	Dr G. Ranganath	Anaesthesiology
10	Dr Mohammed Arslan	Biochemistry
11	Dr Ts. E. Joy Blessy Lois	Emergency Medicine
12	Dr K. Dinesh Kumar	Emergency Medicine
13	Dr C. Ravi Kanth	Transfusion Medicine
14	Dr G. Bindhu Madhavi	Medicine
15	Dr Ragamayi Kankanala	Medicine
16	Dr M. Arjun	Medicine
17	Dr Nabeel	Medicine
18	Dr B. Venkataramireddy	Medicine
19	Dr D. Bhavitha	Medicine
20	Dr Naidu Sandhya Reddy	Medicine

S.No.	Name of student	Specialty
21	Dr P. Chandana Sree	Medicine
22	Dr M. Vijaya Krishna	Medicine
23	Dr M. Sri Hari Rao	Microbiology
24	Dr Polisetty Sireesha	Nuclear Medicine
25	Dr G. Surya Teja	Nuclear Medicine
26	Dr R. Thenmozhi	Pathology
27	Dr G. Radha Bai	Pathology
28	Dr Sana Asfiya	Radio-diagnosis
29	Dr Sanjay. BC	Radio-diagnosis
30	Dr P. Pooja Venavi	Radio-diagnosis
31	Dr P. Jyothirmayi	Radio-diagnosis
32	Dr V. Manasa Reddy	Radio-diagnosis
33	Dr Chittoori Bhavani	Radio-diagnosis
34	Dr G. Naveen Kumar	Radio-diagnosis
35	Dr Budithi Sravanthi	Radiotherapy
36	Dr Rodda Yamini Kumar	Radiotherapy
37	Dr Soubhagyavati Susan	Radiotherapy
38	Dr Arpan Kumar Patel	General Surgery
39	Dr A. Mallikarjuna Pavan	General Surgery
40	Dr K. Aditya Sarma	General Surgery

Annual Report 2023

1.3 Ph.D. Degree: For the year 2022-2023, the institute has awarded 8 Ph.D. degrees in Allied Health Sciences

S.No.	Name of the student	Faculty Under which registered	Department of study
1	Mr.Kaarna Munisekhar	Physiology	Medical
2	Mr.K.Senthil Kumar	C.T. Surgery	Paramedical Sciences
3	Mrs.Pujitha Kunati	Physiology	Medical
4	Mrs. Manoharan Haripriya	Physiology	Medical
5	Mrs.Samundeshwari E.L	Biotechnology	Allied Health Sciences
6	Mrs.Kodavala Sireesha	Biotechnology	Allied Health Sciences
7	Mrs.Kattaru Surekha	Biotechnology	Allied Health Sciences
8	Ms.Sharon Priya Alexander	Bioinformatics	Allied Health Sciences

1.4 M.B.B.S. (On completion of Internship)

S.No.	Name of student	S.No.	Name of student	S.No.	Name of student
	2016 & 2017 Batch	25	Chandana. A	51	Jyothirmayee. M
1	Bhavani J	26	Chandu Priya. A	52	Jyothsna A
2	Divija Kamatham	27	Charu Mathur	53	Kajal Mandhyan
3	Shaistha Nayyar M	28	Chodana Sree Sushma. T	54	Kamakshi Bhavagna. S
	2018 Batch	29	Deepthi Suhitha. A	55	Keerthana. P
4	Divija Kamatham	30	Dhruthi. K. V	56	Keerthi. K
5	Shaistha Nayyar M	31	Divya. M	57	Reddy Keerthi. C
6	Abhigna. O	32	Divya. T	58	Kiranmayi. C
7	Akanksha. M	33	Divyasree. A	59	Krishna Priya. B
8	Akhila Varma. M	34	Ganga Gayathri Devi. N	60	Kusuma Priya. Y
9	Akhila. G	35	Gayathri. P	61	Lahari. P
10	Alekhyia. Ch	36	Gnana Tejaswini. G	62	Lakshmi Jangid. M
11	Alisha. P	37	Greeshma. B	63	Lakshmi Kavya. V
12	Amreen Anwar. G. M	38	Greeshma. M	64	Lakshmi Niveditha. G
13	Anjali Prajapat	39	Harsha Priya. V	65	Lakshmi Priyanka. V
14	Anjana Namboodiri	40	Harshitha. G	66	Lakshmi Vandana. P
15	Anjani Deepasree. M. V	41	Havilah. V	67	Lalasa. T
16	Anukrati Agrawal	42	Hema Mounika. K	68	Lasya Lahari. K
17	Arthi Singh. B	43	Himanshi. K	69	Lishitha. P
18	Ashmita Patra	44	Hindu Prasanthi. Ch	70	Madhuri. T
19	Bhargavi. J	45	Indira. K	71	Manogna. A
20	Bhavana. M	46	Jahnavi. U	72	Ikitha Reddi Mansi
21	Bhavya Sree. J	47	Jai Rathna Malika. M	73	Mansi. T.G
22	Bhavya. K	48	Jalaja. P	74	Mary Shalom. J
23	Bhavya. M	49	Janistha Sharma	75	Monashri. C
24	Bindu Singh	50	Jyothi Pratheeka. K. V.	76	Monisha Kothari

Sri Venkateswara Institute of Medical Sciences

M.B.B.S. (On completion of Internship)

S.No.	Name of student	S.No.	Name of student	S.No.	Name of student
77	Mounika. E	104	Rahithya. A	131	Siva Mani Mahathi. B
78	Mounica. K	105	Ramya. K	132	Sowmya Segireddy
79	Nadiya Sree. M	106	Reddi lakshmi. R	133	Sowmya Sree. A
80	Nandini. R. K	107	Reshma. M	134	Sravani. S
81	Nanditha. T	108	Roja Shree. K	135	Sree Sai Charita Reddy. D
82	Nikethana Rami Reddy. V	109	Sai Bhavana. G	136	Sri Nikitha. M
83	Nikitha. G	110	Siri Chandana Sangeetham	137	Sriprathyusha. P
84	Nikitha. K	111	Sai Krupanjali. V	138	Srinidhi. V
85	Nirupama. C	112	Sai Manasa. S	139	Susmitha. M
86	Niveditha Reddy. G	113	Sai Prasanna. R	140	Swetha. N
87	Oinam Linthoi	114	Sai Shritya Reddy. B	141	Teja Sree. T
88	Padmaja. K	115	Saisree. G	142	Tharuni. P
89	Pallavi. M	116	Sai Sreenidhi. K	143	Venkata Priyanka. B
90	Pavithra. K	117	Sai Sri Ramya Narina	144	Vidya Rani. B
91	Pavithra. M	118	Sai Varnitha. J	145	Vidyadhari. Ch
92	Pavitra. S	119	Saisree. B	146	Vijaya. K
93	Pooja. Kalavagunta	120	Sandhya. K	147	Vishnupriya. K
94	Pooja. Kothapalli	121	Sangeetha. N	148	Yuktha. N
95	Praneetha. Ch	122	Sarika. S	149	B.Vinitha
96	Prasanna. K	123	Saroja Krishna. L	150	Maganti Harika
97	Prashasti Sharma	124	Shaik Arshiya	151	Muthakana Kavya Sushrutha
98	Pratyusha. G	125	Shaik Rakiya Moin	152	Ashlesha.G
99	Pratyusha. L	126	Shaik Shamma	153	Geethika. G
100	Praveena. D	127	Lokendra Shekhawat	154	Nikhitha. K
101	Priyanka. K	128	Shivani. B	155	Priyanka. C
102	Pulkit	129	Shreya. K	156	Sandhya. B
103	Raga Praneetha. G	130	Sindhu Chowdary. V	157	Bhavana. N
				158	Swathi. P

1.5 Master of Physiotherapy

S.No.	Name of the student	Speciality
1	A. B induLahari	Cardiovascular & Pulmonary
2	D. Hyndavi	Cardiovascular & Pulmonary
3	M. Praveen Kumar	Cardiovascular & Pulmonary
4	G. Sushmitha	Cardiovascular & Pulmonary
5	K. Sushmitha	Cardiovascular & Pulmonary
6	ShaikUmeera	Cardiovascular & Pulmonary
7	A. Thejaswani	Cardiovascular & Pulmonary
8	V. VenkataBhavana	Cardiovascular & Pulmonary
9	G.B. Durga	Neurology

S.No.	Name of the student	Speciality
10	V. LeelaMadhavi	Neurology
11	G. Manjunatha	Neurology
12	M. Suresh Kumar Reddy	Neurology
13	A. Yashwitha	Neurology
14	M. Aishwarya	Orthopaedics
15	S. Archana	Orthopaedics
16	G. Lakshmanasa	Orthopaedics
17	V. MrudhulaSree	Orthopaedics
18	P. Nikhitha	Orthopaedics

Annual Report 2023

S.No.	Name of the student	Speciality
19	A. Priyanka	Orthopaedics
20	D. Priyanka	Orthopaedics
21	G. Rambabu	Orthopaedics
22	B. Swarna Rekha	Orthopaedics

S.No.	Name of the student	Speciality
23	G. Kiran Kumar	Sports
24	K. Kushwanth	Sports
25	ShaikSeema	Sports
26	GrandhiGowriManasa	Neurology

1.6 M.Sc. (Allied Health Sciences)

S.No.	Name of the student	Speciality
1	Challa Palli Manasa	Cardiac catheterization & interventional technology
2	A.R. Gayathri	Echocardiography
3	Potakari Sindhoo	Dialysis technology

1.7 B.Sc. Nursing

S.No.	Name of student
1	P.Hemavathi
2	Purini Reshma
3	Valleri Chandana
4	Y Reddysree
5	Minnamreddy Thapaswi
6	R Padma
7	T Reddyvaravenkata Prasad
8	A. Reshma Bhanu
9	A. Shreya
10	Adusumalli Varsha
11	Allu Dharani
12	Aruru Bhavana
13	Aspari Nagajyothi
14	Avula Reddy Bhargavi
15	B. Sai Divya
16	Baduru Santhi
17	Baini Madhavi
18	Banavathi Divya
19	Bandi Chaitanya
20	Bandi Prasanya
21	Bathina Arun Prasad
22	Bodigutla Anusha
23	Budda Mery Vennela
24	Bukkaraju Jayasambavi
25	Bukke Nagarani
26	Cheekolu Vijitha
27	Cheruvu Navya

S.No.	Name of student
28	Chintala Boyina Roshini
29	Dharmarajula Pavani
30	Doravari Seshadri
31	E. Divya
32	Eluru Uma Maheswar
33	Enugunta Jhansi
34	Eri Sushma Sree
35	Galiveti Nithish Kumar Reddy
36	Giddu Pushpa
37	Girija Naidu Arla
38	Golla Sai Likhitha
39	Gollapalli Nagamani
40	Gubiligari Saranya
41	Gujjala Anuradha
42	Gunda Sandhya Rani
43	Gundluru Sasi Kala
44	Gunnam Sirichandana
45	Gutala Bhumika
46	Ingilala Sreevidya
47	Jadapalli Archana
48	Jadapalli Sai Greeshma
49	Jillella Guru Lakshmi
50	Juttu Aparna
51	K. Archana
52	K. G. Kalaivani
53	Kalepalli Gayathri
54	Kande Sreenitha

S.No.	Name of student
55	Kandukuri Sneha Sai
56	Kannan Valli
57	Karamala Keerthana
58	Kola Maheswari
59	Kukatlapalli Supraja
60	Kuruva Shireesha
61	Mabbu Usha
62	Macha Jyothi
63	Magani Geetha Priya
64	Mangalapu Meghana
65	Marakalakuppam Yamini
66	Mari Lavanya
67	Marupuri Mounika
68	Matam Geethika
69	Mudvath Jyoshna
70	Mude Bhanumathi
71	Mude Divyasri
72	Mude Sangeetha
73	Mulla Tasneema
74	Mylari Poojitha
75	Nayakanti Mamata
76	Nukala Ramya Sri
77	Obili Anitha
78	P. Divya
79	P. Gayathri Priya
80	P. Geethanjali
81	Pagonda Jyothsna

Sri Venkateswara Institute of Medical Sciences

1.8 B.Sc. Nursing

S.No.	Name of student	S.No.	Name of student	S.No.	Name of student
82	Pancheti Madhavi Sai	93	Shaik Heena	104	Tirupaturu Janani
83	Psumarathi Chandini	94	Shaik Karishma	105	Turaga Sai Akhila
84	Pattan Salma	95	Shaik Shana	106	U Laya Varshini
85	Peeta Divya Lavanya	96	Shaik Umeshalma	107	Valipi Divyasri
86	Pernapati Saitejasree	97	Sharaff Divya Sree	108	Yeddala Meenakshi
87	Pinjari Nazeemunisa	98	Sibbla Surekha	109	Angajala Devaki
88	Punnaku Pavan Kumar	99	Sirupa Kavitha	110	Kandati Anusha
89	Rambatla Venkata Krishna Teja	100	T. Sandhya	111	Prudhvi Tejaswini
90	Sachala Gunavathi	101	Thalamarla Sreeja	112	Pundla Sofiya Deepthi
91	Sasikumar Priyanka	102	Thoti Vanumathi		
92	Settipalli Pushpalatha	103	Tirumala Swathi		

1.9 Bachelor of Physiotherapy (On completion of Internship)

S.No.	Name of student	S.No.	Name of student	S.No.	Name of student
1	Anangi Suprajavalli	17	Madduri Narendra Kumar	33	S Rakshanda Khan
2	B L Sathish	18	Madduru Himaja	34	Sadhana Kavyasree
3	Booragala Meena Gayathri	19	Mallam Chandu	35	Shaik Arshi Farheen
4	Chalamadugu Chashmitha	20	Mogili Sai Vennela	36	Shaik Ayesha
5	Chowdam Venkata Ramesh	21	N Sai Priya	37	Shaik Sadaf
6	Juturu Sai Sucharitha	22	Nagella Mahima	38	Sodanapalli Shahineen
7	K Varshini	23	Nagiri Chaitanya Sahithi	39	Vakati Vinitha
8	K Vasavi	24	Nerella Pushpa	40	Vanarasi Mounika
9	Kalyan B	25	Palani Keerthika	41	Velkuri Hemalatha
10	Kanna Muni Ramya	26	Papannagari Bhavitha	42	Velupula Saikumar
11	Karamthoti Chandrasekhar Naik	27	Paricharla Surekha	43	Vuchuru Jyothirmayi
12	Kimavath Sugali Sai Surekha	28	Peddangamangari Devika	44	Vupeti Vyshnavi
13	Kommiri Sandhya	29	Peeleti Bharathi	45	Yellasiri Kasthuraiah
14	Konjeti Bhagyasree	30	Poodi Premalatha	46	Ragiri Santhosh Kumar
15	Koppu Aasha	31	Poojala Bhanusri	47	P.Sravani
16	M Leelasree	32	Revilla Jahnvi	48	Pakala Somasundar

1.10 B.Sc. AHS (4 year degree course including 1 year compulsory internship)

S.No.	Name of the student	Speciality	S.No.	Name of the student	Speciality
1	Aggala Uday Kumar	AT	7	Likki Supriya	AT
2	Banduka Deepthi	AT	8	Magathala Durgaprasad	AT
3	Behara Deepika	AT	9	Miduthuru Sukumar	AT
4	Gaddam Hemadri Sai		10	Ramavath Sai Charan	AT
	Sowndharrya	AT	11	Somichetty Harika	AT
5	Kalepalli Hemavathi	AT	12	Thallam Saiswetha	AT
6	Kotturu Renuka	AT	13	Billu Sadhana	CPPT

Annual Report 2023

S.No.	Name of the student	Speciality
14	Gangupalli Murali Krishna Yogalakshmi	CPPT
15	Chelamagunta Jyoshna	DT
16	Jagannati Kanishka	DT
17	Pasupuleti Oshma	DT
18	Sunguluru Madhu	DT
19	Swarna Nissyblossom	DT
20	Thiruthani Sheik Abeed Hussain	DT
21	Kuruva Akhila	DT
22	Gali Sai Chandana Priya	ECG & CVT
23	Gundluru Tabu Priyanka	ECG & CVT
24	Jarugumalli Vishnu Priya	ECG & CVT
26	Vullipayala Kushalyadav	ECG & CVT
27	Chittari Kalangi Harisahithi Vandana	ECG & CVT
28	Maddala Vidya Bhargavi	ECG & CVT
29	Mude Mohangandhi Naik	ECG & CVT
30	Chakali Chinna Madhu	EMST
31	Dudekula Husna Banu	EMST
32	Ganganapalli Mahesh Kumar	EMST
33	Peneti Usharani	EMST
34	Bingi Nineesha	MLT
35	Kallamadi Surya Jyothi	MLT
36	Mude Sumalatha	MLT
37	N Akhileswar	MLT
38	Naga Sai Dhathri Koduru	MLT
39	Neeragatti Gajendra	MLT

S.No.	Name of the student	Speciality
40	Pala Srimannarayana	MLT
41	Panthagiri Nandini	MLT
42	Putta Shalini	MLT
43	Rathapani Suma Priya	MLT
44	Rayachoti Likhitha	MLT
45	Shaik Sharmila	MLT
46	Srinivasan Kavya	MLT
47	Tekuri Hemalatha	MLT
48	Vampana Anusha	MLT
49	Palaniswamy Anasuya	MLT
50	Veluru Akhila	MLT
51	Bille Anusha	NMT
52	Kurra Bindu Sagar	NMT
53	S Mahidhar	NMT
54	Peddaguravagari Poojitha	NPT
55	Karakala Gayathri	NPT
56	Pathagunta Vijayalakshmi	NPT
57	Somala Poornananda Raju	NPT
58	Yalapalli Prema Sri	RIT
59	Akula Chandu Pardhiv	RIT
60	B Pavani Sai	RIT
61	Degala Hemamadhuri	RIT
62	Elikanti Vijaya Madhavi	RIT
63	Gudimeti Manasa	RIT
64	Shaik Faria Begum	RIT
65	Singanamala Meena	RIT
66	Thovi Sai Lavanya	RIT

1.11 P.G. Diploma (Paramedical)

S.No.	Name of the student	Speciality
1	Balineni Pavan	MRS
2	G Tej Kumar	MRS
3	Jaladi Satish	MRS
4	Nellore Dileep Kumar	MRS
5	Ciriveli Himabindu	MRS

Sri Venkateswara Institute of Medical Sciences

1.12 Post Basic Diploma in Nursing

S.No.	Name of the student	Speciality
1	K.Varsha	Cardiac intensive care and catheterization laboratory nursing

2.0 Training to the students of other institutions

The request of students from other institutions for speciality training will be accepted for short-term training for varying periods (up to 4 months) in a specialty/specialties available in the institute subject to fulfillment of the conditions and availability of vacancy. Those who desired to receive training have to send the filled in application form through proper channel.

For the calendar year 2023, 461 students from various institutes were undergone training.

The details are as follows:

2.1 MD Courses

S. No	Name	Course	Institution	Period of posting	Place of Posting
1	Dr Bhavani KV	Nephrology	Govt. Mohan	15th Febriaru	Medicine
2.	Dr T Navaneetham		Kumaramangalam Medical College, Salem	17th March 2023	
3	Dr G Siva Krishna Goud	Psychiatry	Apollo Institute of Medical Sciences, Chittoor	01st May - 30th June 2023	Neurology
4	Dr Shashideo Mishra	Psychiatry	Apollo Institute of Medical Sciences, Chittoor	10th July to 10th Sep 2023	Neurology
5	Dr S Thasleema Nasreen	Anesthesiology	Apollo Institute of Medical Sciences, Chittoor	02nd Aug- 30th Sep 2023	CTVS- Anaesthesiology Neuro- Anaesthesiology
6	Dr V Sulochana Rani	Biochemistry	SV Medical College, Tirupati	28th Oct 2023 -17th Nov 2023	Immunoematology Endocrinology
7	Dr Shaik Ameerun	General Surgery	SV Medical College,	15th Dec 2023	Surgical GE
8	Dr Rajashekar Naik Poojari		Tirupati	- 31st May 2023	Surgical Oncology CTVS
9	Dr Tunuguntla Amulya	Biochemistry	Govt. Medical College, Ananthapuram	01st Jan 2024 to 31st Jan 2024	Biochemistry
10	Dr Nasanuru Mounica	Biochemistry	SV Medical College, Tirupati	01st Jan 2024 to 28h Jan 2024	Endocrinology Blood Bank & Immuno Haemeatolgy

Annual Report 2023

2.2 MS Courses

S. No	Name	Course	Institution	Period of posting	Place of Posting
11 12 13 14 15 16	Dr B UshaPranavi Dr Shaik Nazma Dr S Siva Deepthi Dr G Supraja Dr I Greeshma Dr K Balaji	General Surgery	S V Medical College, Tirupati	06th January- 28th February 2023	Neurosurgery CTVS Surgical Oncology Surgical GE
17	Dr Mitaigiri Chandini	General Surgery	Apollo Institute of Medical Sciences & Research, Chittoor	20th April- 18th July 2023	CTVS Surgical GE Neurosurgery
18	Dr Ajay Kumar Reddy	General Surgery	S V Medical College, Tirupati	16th Sep to 29th Feb 2024	Surgical GE Surgical Oncology CTVS
19	Dr Nemakal Vijaya Aishwarya	General Surgery	S V Medical College, Tirupati	10th July to 31st Jan 2024	Surgical GE Surgical Oncology CTVS
20	Dr Kamisetty HS Sai Mani Raja Sri Varsha				
21	Dr M Priyanka	General Surgery	SV Medical College, Tirupati	17th July- 31st Jan 2024	CTVS Surgical GE Surgical Oncology
22 23 24 25 26	Dr Valluru Vineeth Kumar Reddy Dr Syed Mohammed Anis Atahar Dr Ajay Kumar Reddy Dr Shaik Mastanvali Dr Honnala Mohan	General Surgery	SV Medical College, Tirupati	01st Aug- 31st Dec 2023	Surgical GE
27	Dr Pasala Mahesh	General Surgery	SV Medical College, Tirupati	01st Dec - 15th Aug 2023	Surgical GE Surgical Oncology CTVS
28 29	Dr Kathiripalli Eswar Prasad Reddy Dr Vishnu Siva Prasad C	General Surgery	SV Medical College, Tirupati	01st Oct- 31st Aug 2023	Surgical GE Surgical Oncology CTVS
30	Dr S Thamannaz	General Surgery	Fathima Institute of Medical Sciences, Kadapa	17th Aug 2023 -15th Sep 2023	Surgical Oncology Surgical Gastroenterology
31 32	Dr Ponna Suresh Kumar Dr PalleAkhila	General Surgery	SV Medical College, Tirupati	01st Sep - 15th Dec 2023	Surgical GE Surgical Oncology CTVS

Sri Venkateswara Institute of Medical Sciences

S. No	Name	Course	Institution	Period of posting	Place of Posting
33	Dr R Suresh Babu	General Surgery	SV Medical College, Tirupati	01st Sep - 29th Feb 2024	CTVS Surgical GE Surgical Oncology
34	Dr Mohammad Wasim SK	General Surgery	SRM Medical College, Chennai	01st Nov 2023 - 31st Jan-2024	Surgical GE
35	Dr Samuralu Spandana	General Surgery	SV Medical College, Tirupati	01st Jan 2024 – 30th Apr 2024	Surgical GE CTVS Surgical Oncology
36	Dr Bonda Pavani				
37	Dr Repana Jhanshi	Psychiatry	Apollo Institute of Medical Sciences, Chittoor	02nd Jan 2024 to 01st Mar 2024	Neurology

2.3 DM Courses

S. No	Name	Course	Institution	Period of posting	Place of Posting
38	Dr Gangula Rahu Sai	Nephrology	MS Ramaiah Institute of Medical Sciences, Bangalore	01st March – 31st March 2023	Nephrology
39	Dr Anusha	Nephrology	MS Ramaiah Institute of Medical Sciences, Bangalore	01st Oct 2023- 31st Oct 2023	Nephrology

2.4 MDS course

S. No	Name	Course	Institution	Period of posting	Place of Posting
40 41 42 43 44 45	Mr KV Sivakalyan Mrs Nagaram Sripujitha Mrs Veluru Srihitha Mrs Sravanthiyadukumar Mrs Jupali Aparna Sowris Mrs Chevula Harshitha	Oral Medicine and Radiology	CKS Theja Institute of Dental Sciences & Research, Tirupati	18th April - 30th June 2023	General Medicine Emergency Medicine Radiology Dermatology Surgical Oncology Plastic Surgery

2.5 MBBS

S. No	Name	Course	Institution	Period of posting	Place of Posting
46	Mrs. Sai Lahari Sangaraju	MBBS	PES Institute of Medical Sciences & Research, Kuppam	18th January – 17th February 2023	Medicine

Annual Report 2023

2.6 Pharm. D Courses (S.No. 46 to 206)

The 2nd year (33 Nos.), 3rd year (32 Nos.), 4th year (32 Nos.) students of Pharm. D Course, Seven Hills College of Pharmacy, Tirupati were permitted for specialty training in the Depts. of Medical Oncology, Medicine, Nephrology, Neurology and Cardiology w.e.f. 3rd February, 2023 to 29th April, 2023.

The 5th year (22 Nos.) students of Pharm.D Course, Seven Hills College of Pharmacy, Tirupati were permitted for specialty training in the Departments of Medical Oncology, Nephrology and Neurosurgery w.e.f. 17th October, 2023 to 24th February, 2024.

Ms. C. Siva Jyothi, 2nd year PB student of Pharm. D course, SreeVidyanikethan College of Pharmacy, Tirupati is permitted to undergo clinical training in the departments of Dermatology, Medicine, General Surgery, Psychiatry, OBG and Paediatrics w.e.f. 20th February, 2023 to 26th June, 2023.

The 4th year (18 Nos.) students of Pharm. D Course, SreeVidyanikethan College of Pharmacy, Tirupati were permitted for specialty training in the Depts. of General Surgery, Medicine, Orthopedics and OBG w.e.f. 20th February 2023 to 20th March, 2023.

The 5th year (22 Nos.) students of Pharm. D Course, SreeVidyanikethan College of Pharmacy, Tirupati were permitted for specialty training in the Depts. of Medicine, Dermatology, Pediatrics, OBG & Psychiatry w.e.f. 17th October 2023 to 24th February, 2024.

The following Internship 6th year students (26 nos.) of Pharm.D, SreeVidyanikethan College of Pharmacy, Rangampet, Chittoor Dist. were permitted for Internship in the Dept. of Orthopedics, Dermatology, Pediatrics, OBG, Psychiatry, General Surgery, Cardiology, Medicine, Nephrology, Endocrinology, Neurology & Emergency Medicine w.e.f. 10th September 2022 to 10th September, 2023.

S.No.	Name of student
207	B.Hari Krishna
208	Bharat Rao M
209	DonthuSushma
210	ElugotiHimaja
211	G.Vidhyananda Reddy
212	GagguturiKarishma
213	GodisipatiAkhilRajal
214	GoudapuriLokesh
215	KalapaneniAarthi

S.No.	Name of student
216	Mokkapalle Chandana
217	Moode Sunitha
218	Mullaguri PrithviTeja
219	Muthappagari Sireesha
220	ObulreddygariPujitha
221	PallamPriya
222	PonnagantiTharaka Lakshmi
223	Revanth Yadav N
224	S Bushra

S.No.	Name of student
225	Sake Chaitanya
226	Sallaguntalaya
227	Saranya V
228	SettipalliNithya
229	ShaikShabana
230	Sudheer O
231	YarasiNavyaSree
232	Yarramsetty Pooja Kumari

The following Internship 6th year students (27 nos.) of Pharm.D course, Seven Hills College of Pharmacy, Venkataramapuram, Tirupati were permitted for Internship in the Departments of Medicine, Emergency Medicine, Neurology, Medical Oncology, Nephrology, Endocrinology, General Surgery, OBG and Psychiatry w.e.f. 16th October, 2023 to 15th October, 2024.

S.No.	Name of student
233	P. Anusha
234	M B. Akash
235	Syed Arshiya Sulthana
236	A. Avinash
237	Poneppagari Bharathi
238	S. Hamedunnisa Begam
239	Balipongu Hemalatha
240	Konduru Hemasruthi
241	Mandapati Jasmitha

S.No.	Name of student
242	Nandipati Jyothi Priya
243	K. Karunakaran
244	Tirupati Mounika Sree
245	Shaik Munvar Baba
246	Ogirala Pranusha Radhika
247	Thepalli Rama Devi
248	Reshma. S
249	Patooru Rupalatha
250	S. Salma

S.No.	Name of student
251	Ramavath Sandhya Bai
252	Stephania. J
253	Tenepalli Subhiksha
254	K. Sumiya Banu
255	Rapururu Surendra
256	Sardar Thanuja
257	AvvariVamshi Kumar
258	Sake Venkatesh Kumar
259	Yugesh Kanna.T

Sri Venkateswara Institute of Medical Sciences

2.7 B.Sc. (N) (Sl.No.260 to 400)

The students of 3rd year B.Sc. (N) students (47 nos.), SreeVidyanikethan College of Nursing, Tirupati were permitted for specialty training in the departments of Neurology, Medical Oncology, Radiation Oncology, Surgical Oncology, RICU, MICU & Neurosurgery for a period of one (01) month w.e.f. 01/06/2023 to 30/06/2023.

The 3rd year students of B.Sc.(N) (92 nos.) Sri Padmavathamma Govt. College of Nursing, SVRRGGH, Tirupati were permitted for specialty training in the Departments of Surgical Oncology, Medical Oncology & Radiation Oncology w.e.f. 09/10/2023 to 23/12/2023.

The 2nd year students of M.Sc. (N) (02 nos.) Sri Padmavathamma Govt. College of Nursing, SVRRGGH, Tirupati were permitted for specialty training in the Departments of Cardiology & C.T. Surgery w.e.f. 30/10/2023 to 06/04/2024.

2.8 Paramedical (Sl.No. 400 to 422)

The students of B.Voc (22 nos.) Visvodaya Govt. Degree College, Venkatagiri were permitted for training in the departments of Biochemistry, Microbiology, Transfusion Medicine and Pathology for a period from 23.01.2023 to 22.07.2023.

2.9 PhD, Paramedical & Life Sciences

S. No	Name	Course	Institution	Period of posting	Place of Posting
423	M. Shanmuka Sreenivas	Industrial Microbiology	S.V. University, Tirupati	6th March–5th June 2023	Microbiology
424	P. Likhitha	B.Sc. Bioinformatics	School of Applied Sciences, Reva University, Bangalore	1st April -30th April 2023	Biotechnology
425 426 427 428 429 430 431	D. Sruthi V.Dinesh N.RameshNaik T. Srilatha ShaikSadaq Ali M. Poojitha G.Sravani	B.Sc. Cardiac Care and Cardiovascular Technology	S.V. Medical College, Tirupati	18th April - 26th July 2023	Cardiology
432 433 434 435 436 437 438	K. Neelima G. Raj Kumar R. Ganesh G. Annapurna A. Sireesha ShaikFakrudhin V.Reena	B.Sc. Cardiac Care and Cardiovascular Technology	S.V. Medical College, Tirupati	27th July - 26th November, 2023	Cardiology
439 440	C.Poojitha P.VishnuVikashini	Bt.Z.C	S.P.W. Degree & PG College, Tirupati	1st May – 31st July 2023	Microbiology
441	C. Bonika Reddy	M.Sc. Biochemistry	Central University of Kerala	19th May - 18th June 2023	Biochemistry
442 443	P. Vedavathi A. HemaSree	B.Sc. (CBZ)	S.V. Arts College, Tirupati	22nd May – 21st July 2023	Microbiology
444	S. Padmavathi	D. Pharmacy	S.V. Govt. Polytechnic, Tirupati	1st June – 31st August 2023	Stores

Annual Report 2023

S. No	Name	Course	Institution	Period of posting	Place of Posting
445 446 447	NM Vamsi Krishna P. Abhinay N.Pavani	Diploma in BME	S.V. Govt. Polytechnic, Tirupati	14th June – 14th Nov. 2023	BME
448	M. Lekhana	B.Tech	SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu	14th June - 13th July 2023	BME
449	NK Manimala	B.Tech	Vignan's Foundation for Science and Research, Vadlamudi	20th June – 9th July 2023	BME
450	ShaikMobeena	B.Tech	Vignan's Foundation for Science and Research, Vadlamudi	1st August -31st January 2023	BME
451 452 453 454 455	T. Nivedha D. Homanjali A. Nikhil N.VishnuVardhan B.Bhavya	B.Sc. Microbiology	SGS Arts College, Tirupati	5thAugust 2023- 4th October 2023	Microbiology Clinical Virology
456 457	M. NithishKoushik M. Pavankalyan	B.Sc. Microbiology	SGS Arts College, Tirupati	30th August- 13th October 2023	Microbiology Clinical Virology
458	ShaikArisha Sajida	BPT	Garden City University, Bangalore	15th September - 14th October 2023	College of Physiotherapy
459	V. Satish	D. Pharmacy	S.V. Govt. Polytechnic, Tirupati.	11th October 2023 - 8th January 2024	Stores
460	ShaikArisha Sajida	BPT	Garden City University, Bangalore	16th October - 15th March 2023	College of Physiotherapy
461	M. Indu	MSW	Sri Padmavathi Mahila Viswa -vidyalayam Tirupati	19th October - 3rd Dec. 2023	MSW

3.0 Establishment Section

The Establishment Section (HR Department) in SVIMS deals with recruitment, maintaining services registers, salary processing and disbursement, leave sanction, issue of periodical annual increments, declaration of probation, promotions, automatic advancement scheme, implementation of pay revision recommendations and DA hike, Leave travel concession, educational reimbursement, medical reimbursement, permission to represent the institute by faculty in academic assemblies at National and International level, dealings of internal grievances and complaints, disciplinary action, pension, income tax, EPF, Sanction of loans under GPF, EPF schemes, retirement benefits, welfare measures, centralized institute tapal (inward and outward), centralized dispatch (postal), permanent advance and record maintenance.

Induction training programme which was commenced last year for the newly joined employees (Regular, Adhoc& Outsourced) are being conducted regularly. Also to meet the norms of NABH. Specialty wise privilege forms of the Faculty & Nursing were obtained. In view of COVID-19 pandemic, the induction program was made online.

Employee Statistics

3.1 Faculty (Medical) – Regular & Adhoc

S.No.	Cadre	Male	Female	Total
1	Senior Professor	02	01	03
2	Professor	45	18	63
4	Associate Professor	13	14	27
5	Assistant Professor	37	41	78
6	Chief Medical Officer (SAG)	02	01	03
7	Chief Medical Officer	04	01	05
8	Senior Medical Officer (SMO)	-	-	-
	TOTAL	103	76	179

3.2 Faculty on Compulsory service

S.No.	Cadre	Male	Female	Total
1	Lecturer/Resident Specialist	14	20	34
2	Assistant Professor/ Resident Super Specialist	07	02	09
	TOTAL	21	22	43

3.3 List of Residents and Medical Officers adhoc basis:

S.No.	Cadre	Male	Female	Total
1	Non-PG Junior Residents	02	07	09
2	Non-PG Senior Residents	05	27	32
3	Medical Officers	01	01	02
	TOTAL	08	35	43

3.4 Non-Faculty - Regular

S.No.	Cadre	Male	Female	Total
1	Officer Cadre	20	14	34
2	Ministerial Staff	31	08	39
3	Paramedical Staff	63	50	113
4	Nursing Staff	01	171	172
5	University Staff	06	23	29
	TOTAL	121	266	387

Annual Report 2023

3.5 Non Faculty - Adhoc

S.No.	Cadre	Male	Female	Total
1	Staff Nurse	0	0	0
2	Teaching Assistant	0	02	02
3	Physical Director	01	0	01
4	Statistician cum Assistant Professor	0	01	01
5	Tutors	0	02	02
6	O.T. Assistant	02	01	03
7	Assistant Perfusionist	0	01	01
8	Lab Technician	0	01	01
9	Security Officer	02	0	02
10	Medical Physicist	01	0	01
11	Public Health Nurse	01	0	01
12	Network Administrator	01	0	01
13	Ophthalmic Assistant	01	0	01
14	Radio pharmacist	0	01	01
15	Junior Assistant	01	0	01
	TOTAL	10	09	19

3.6 Faculty & Non Faculty and Contract basis:

S.No.	Cadre	Male	Female	Total
1	Medical Officers	00	03	03
2	Staff Nurses	00	04	04
3	ANM'S	00	04	04
4	Technician	00	01	01
5	DEO	00	02	02
6	Electrician	02	00	02
7	Driver	01	00	01
8	MSW	00	01	01
	TOTAL	03	15	18

In view of the exigencies of service in some departments, the following faculty appointments were made on adhoc basis, as per Section 18(4) of the SVIMS Act.

The following Faculty, Senior Residents, Junior Residents, Non Faculty have joined on adhoc/tenure basis during the year 2023

3.7 List of adhoc appointments (Faculty (M)) 2023-24:

S.No.	Name of the Faculty	Name of the Post	Department
1	Dr M. Brunda	Assistant Professor	Anaesthesiology
2	Dr Archana M. H	Assistant Professor	Medicine
3	Dr A. Anil Kumar	Assistant Professor	Medicine

Sri Venkateswara Institute of Medical Sciences

S.No.	Name of the Faculty	Name of the Post	Department
4	G. Naveen Kumar Reddy	Assistant Professor	Medical G E
5	Dr Hinduja Vidmahe	Assistant Professor	OBG
6	Dr Devarala Sagarika	Assistant Professor	OBG
7	Dr P. Sreevani	Assistant Professor	OBG
8	Dr A. Naga Sowmya	Assistant Professor	Emergency Medicine
9	Dr G. Bhargavi	Assistant Professor	OBG
10	Dr Y.S.Pavankumar	Assistant Professor	General Surgery
11	Dr E. Vineela	Assistant Professor	Radiology
12	Dr S. Prakash Babu	Associate Professor	Emergency Medicine
13	Dr Iraga Siva Sai Sireesha	Assistant Professor	Medicine
14	Dr C. Manoj Krishna	Assistant Professor	Surgical GE
15	Dr Chinta Tejaswini	Assistant Professor	Surgical GE
16	Dr K. Himaja	Assistant Professor	Physiology
17	Dr Mounika Reddy	Assistant Professor	Medicine
18	Dr Sai Supraja	Assistant Professor	Emergency Medicine
19	Dr Karri Padma Sagarika	Assistant Professor	Sri BIO,SVIMS

3.8 List of Medical Officers - 2024

S.No.	Name of the Faculty	Name of the Post	Department
1	Dr A.V.ChaitanyaBhanu	Medical Officer	Dentistry SRI BIO
2	Dr T. Sravanthi	Medical Officer	Dentistry SRI BIO
3	Dr Padmavathi	Medical Officer	Dentistry SRI BIO
4	Dr M. Ram Prasad	Medical Officer	NABH
5	Dr Deepthi Charan	Medical Officer	NABH
6	Dr M. Hemavathi	Medical Officer	OBG

3.9 List of Regular Faculty Promoted(Faculty (M)):

S.No.	Name of the Faculty	Applied for the Post	Department
1	DrV.Vanajakshamma	Sr. Professor	Cardiology
2	Dr Aparna R.Bitla	Professor Scale II	Biochemistry
3	DrK.Nagaraj	Professor Scale II	Community Medicine
4	DrUsha Kalawat	Professor Scale II	Clinical Virology
5	DrV.Venkatarami Reddy	Professor Scale II	Surgical GE
6	DrK.V.Sreedhar Babu	Professor Scale II	Transfusion Medicine
7	DrN.Anil Kumar	Professor Scale II	Urology
8	DrVV.Ramesh Chandra	Professor Scale II	Neurosurgery
9	DrM.M.Suchitra	Professor Scale II	Biochemistry
10	DrRukmangadha	Professor Scale II	Pathology
11	DrMadhusudan	Professor Scale I	Anaesthesiology
12	DrP.Hemalatha	Professor Scale I	Anaesthesiology
13	DrN.Harini Devi	Professor Scale I	Biochemistry
14	DrV.S.Kiranmayi	Professor Scale I	Biochemistry

Annual Report 2023

S.No.	Name of the Faculty	Applied for the Post	Department
15	DrD.S.Sujith Kumar	Professor Scale I	Community Medicine
16	DrS.B.Amarnath	Professor Scale I	ENT
17	DrD.Bhargavi	Professor Scale I	Medical Oncology
18	DrR.Jayaprada	Professor Scale I	Microbiology
19	DrB.Venkataramana	Professor Scale I	Microbiology
20	DrPunith Patak Nagaram	Professor Scale I	Paediatrics
21	DrK.Vijayachandra Reddy	Professor Scale I	Pharmacology
22	DrN.Sharvani	Professor Scale I	Physiology
23	DrArpana Bhide	Professor Scale I	Physiology
24	DrPavankumar G Kale	Professor Scale I	Radiology
25	DrPranabandhu Das	Professor Scale I	Radiotherapy
26	DrSivarama Krishna	Professor Scale I	Surgical GE
27	DrChandramaliteeswaran	Professor Scale I	Surgical GE
28	DrB.Manilal	Professor Scale I	Surgical Oncology
29	DrB.Hariprasad	Professor Scale I	General Surgery
30	DrJ.Malathi	Professor Scale I	OBG
31	Dr Silpa Kadiyala	Professor Scale I	Radiology
32	Dr J. Hari Krishna	Professor Scale I	Medicine
33	DrS.Shameem	Associate Professor	Anaesthesiology
34	DrKusuma Kumari	Associate Professor	Medicine
35	DrB.Rupesh Kumar Naik	Associate Professor	Forensic Medicine
36	DrB.Ramakrishna	Associate Professor	General Surgery
37	DrManolasya	Associate Professor	Medicine
38	DrSameeraja	Associate Professor	Medicine
39	DrB.Deepthi	Associate Professor	Pathology
40	DrV.Siva Kumar	Associate Professor	Pathology
41	DrC.Pallavi	Associate Professor	Pharmacology
42	DrB.Suresh Babu	Associate Professor	Transfusion Medicine

3.10 List of Junior Resident (on Adhoc Basis) 2023-24

S.No.	Name of the Faculty	Name of the Post	Department
1	Dr Vinod Kumar Reddy Choppa	Junior Resident	Emergency Medicine
2	Dr Yalamanchili Hasitha	Junior Resident	Emergency Medicine
3	Dr Syed Sabitulla Basha Hussaini	Junior Resident	Emergency Medicine
4	Dr Tirupati Kushma	Junior Resident	DVL
5	Dr Dommaraju Pavithra	Junior Resident	Emergency Medicine
6	Dr P. Vasantha Kumar	Junior Resident	Emergency Medicine
7	Dr P. Deepthi	Junior Resident	Dr YSR Aarogyasree
8	Dr P Navya	Junior Resident	Emergency Medicine
9	Dr N C Keerthika	Junior Resident	C T Surgery
10	Dr Derangula Gowthami	Junior Resident	C T Surgery
11	Dr Pushpaja Mitta	Junior Resident	Emergency Medicine

Sri Venkateswara Institute of Medical Sciences

S.No.	Name of the Faculty	Name of the Post	Department
12	Dr Challa Pooja	Junior Resident	Emergency Medicine
13	DrThimmasamudram Vineela	Junior Resident	Dr YSR Aarogyasree & EHS
14	Dr K. Chandini	Junior Resident	Dr YSR Aarogyasree & EHS
15	Dr K. Revathi	Junior Resident	Emergency Medicine

3.11 List of snior resident (on adhoc basis) 2023-24

S.No.	Name of the Faculty	Name of the Post	Department
1.	Dr P. Harika Bhavani	Senior Resident	Radiotherapy
2.	Dr J Sri Lalitha	Senior Resident	Ophthalmology
3.	Dr V Mounika Reddy	Senior Resident	Medicine
4.	Dr B Sai Pavan Kumar	Senior Resident	Psychiatry
5.	Dr Bhoomika V	Senior Resident	Community Medicine
6.	Dr A Lathasree	Senior Resident	Medicine
7.	Dr B Yamini	Senior Resident	Anaesthesiology
8.	Dr P. Harika Bhavani	Senior Resident	Radiotherapy
9..	Dr K. Vineela	Senior Resident	Microbiology
10.	Dr Roopa Priyadarshini	Senior Resident	Emergency Medicine
11.	Dr D. Sarmista Roy	Senior Resident	Emergency Medicine
12.	Dr Radhakrishnan Divya	Senior Resident	Emergency Medicine
13.	Dr N. Vikas	Senior Resident	Anatomy
14.	Dr Polini Siri Iswarya	Senior Resident	Paediatrics

3.12 List of Adhoc appointments on compulsory service (Senior Residents) 2023

S.No.	Name of the Faculty	Name of the Post	Department
1	Dr Dombara Priyanka	Lecturer/Resident Specialist	Anaesthesiology
2	Dr V. Mounika	Lecturer/Resident Specialist	Anaesthesiology
3	Dr Chinthala Niveditha	Lecturer/Resident Specialist	Anaesthesiology
4	Dr Hajira	Lecturer/Resident Specialist	Anaesthesiology
5	Dr Pappireddy Anupama	Lecturer/Resident Specialist	Anaesthesiology
6	Dr B. Manjusree	Lecturer/Resident Specialist	Anaesthesiology
7	Dr Madhuri Dommaraju	Lecturer/Resident Specialist	Anaesthesiology
8	Dr Mohammed Arslan	Lecturer/Resident Specialist	Biochemistry
9	Dr K. Dinesh Kumar	Lecturer/Resident Specialist	Emergency Medicine
10	Dr Arpan Kumar Patel	Lecturer/Resident Specialist	General Surgery
11	Dr K. Aditya Sarma	Lecturer/Resident Specialist	General Surgery
12	Dr Mallikarjun Pavan	Lecturer/Resident Specialist	General Surgery
13	Dr B. Venkataramireddy	Lecturer/Resident Specialist	Medicine
14	Dr P. Chandana Sree	Lecturer/Resident Specialist	Medicine
15	Dr Naidu Sandhya Reddy	Lecturer/Resident Specialist	Medicine
16	Dr M. Vijaya Krishna	Lecturer/Resident Specialist	Medicine
17	Dr M. Arjun	Lecturer/Resident Specialist	Medicine
18	Dr Ragamayi Kankanala	Lecturer/Resident Specialist	Medicine

Annual Report 2023

S.No.	Name of the Faculty	Name of the Post	Department
19	Dr Gottam Bindhu Madhavi	Lecturer/Resident Specialist	Medicine
20	Dr Nabeel	Lecturer/Resident Specialist	Medicine
21	Dr Bhavitha	Lecturer/Resident Specialist	Medicine
22	Dr M. Srihari Rao	Lecturer/Resident Specialist	Microbiology
23	Dr G. Surya Teja	Lecturer/Resident Specialist	Nuclear Medicine
24	Dr R. Thenmozhi	Lecturer/Resident Specialist	Pathology
25	Dr Sanjay BC	Lecturer/Resident Specialist	Radiology
26	Dr P. Pooja Venavi	Lecturer/Resident Specialist	Radiology
27	Dr P. Jyothirmayi	Lecturer/Resident Specialist	Radiology
28	Dr V. Manasa Reddy	Lecturer/Resident Specialist	Radiology
29	Dr Chittoori Bhavani	Lecturer/Resident Specialist	Radiology
30	Dr G. Naveen Kumar	Lecturer/Resident Specialist	Radiology
31	Dr Budithi Sravanthi	Lecturer/Resident Specialist	Radiotherapy
32	Dr Soubhagyavati Susan .S	Lecturer/Resident Specialist	Radiotherapy
33	Dr Rodda Yamini Kumar	Lecturer/Resident Specialist	Radiotherapy

3.13 List of adhoc appointments on compulsory service (Assistant Professors) 2023-24

S.No.	Name of the Faculty	Name of the Post	Department
1	Dr Y. Raghu Nandhini	Asst.Prof/Resi.Super Specialist	Neurology
2	Dr Pulugundla Varun	Asst.Prof/Resi.Super Specialist	Cardiology
3	Dr G. Rajashekhar Varma	Asst.Prof/Resi.Super Specialist	Cardiology
4	Dr Viswanadh	Asst.Prof/Resi.Super Specialist	Cardiology
5	Dr M. Keerthana	Asst.Prof/Resi.Super Specialist	Endocrinology
6	Dr Venkatesh V Kharalkar	Asst.Prof/Resi.Super Specialist	Neurosurgery
7	Dr Praveen Yangannagari	Asst.Prof/Resi.Super Specialist	Neurosurgery
8	Dr Vinodhini .P	Asst.Prof/Resi.Super Specialist	Surgical Oncology
9	Dr Anirudh Suseel	Asst.Prof/Resi.Super Specialist	Urology
10	Dr P. Krunal Pravinchandra	Asst.Prof/Resi.Super Specialist	Endocrinology

Academic Section:

3.14 List of MD/ MS / DM/ MCh Postgraduate Residents (2021-23)

MD/MS-2021 batch

S.No	Name of the Student	Dept.
1	Dr Bharath Kumar S	Anaesthesia
2	Dr Allampati Kushwanth	Anaesthesia
3	Dr M.Uday Suraj	Anaesthesia
4	Dr Kesava Kumar B	Anaesthesia
5	Dr Md Aamir	Anaesthesia
6	Dr Venkatesh Komari	Anaesthesia
7	Dr Keerthana R	Anaesthesia
8	Dr Nelaturi Praveen Kumar	Anaesthesia

S.No	Name of the Student	Dept.
9	Dr Sugali Harish Naik	Anaesthesia
10	Dr Zaheer Ahmed Shaik	Biochemistry
11	Dr Mounika Meda	Microbiology
12	Dr Chinta Reddy Pandu Ranga Reddy	Medicine
13	Dr Vigneshkumar S	Medicine
14	Dr Sirivella Swetha	Medicine
15	Dr Narra Shashank	Medicine
16	Dr Kiran	Medicine

Sri Venkateswara Institute of Medical Sciences

S.No	Name of the Student	Dept.
17	Dr Chandra Sheker Chippakuri	Medicine
18	Dr Korra Vinod Kumar Chowhan	Medicine
19	Dr Kushal B	Medicine
20	Dr P.Sreenivasulu	Medicine
21	Dr Kothapalli Masthan	Pathology
22	Dr Bindela Silpa	Pathology
23	Dr Burla Rama Mounika	Pathology
24	Dr Prashanth Saddala	Trans.Med.
25	Dr Henita Selvamary H	Radiotherapy
26	Dr Venatisai Cherwin Reddy	Radiotherapy
27	Dr SA Raja	Radiotherapy
28	Dr Pallapolu Srinija	Radiology
29	Dr Sowmiya S	Radiology
30	Dr Maheeja Sai Cherukumudi	Radiology
31	Dr Mohan Kumar S	Radiology

S.No	Name of the Student	Dept.
32	Dr B.Alekhyia	Radiology
33	Dr Vennapusa Gowtham	Radiology
34	Dr Sireesha Simhadri	Radiology
35	Dr Ashik Mohammed	Emerg. Med.
36	Dr M.Naveen Kumar	Emerg. Med.
37	Dr Shaik Rishma	Nucl. Med.
38	Dr Nithya V	Nucl. Med.
39	Dr Valluri Dharmika Chand	Gen. Surg.
40	Dr Gorantla Mamatha	Gen. Surg.
41	Dr Mandhapuram Blessenna	Gen. Surg.
42	Dr Bommaje Soundarya	Gen. Surg.
43	Dr Anjan Kumar Karri	Com. Med.
44	Dr Nagarjuna M	Com. Med.
45	Dr Ramya Deepthi Udaragudi	Pharmacology
46	Dr Sugali Rajasekhar	Pharmacology

MD/MS- 2022 batch

S.No	Name of the Student	Dept.
1	Dr Ghanta Bhargavi Sri Ramya	Anaesthesia
2	Dr Mitte Sireesha	Anaesthesia
3	Dr Karthik E.V.N	Anaesthesia
4	Dr Chatakonda Sneha	Anaesthesia
5	Dr Bhumireddy Anusha	Anaesthesia
6	Dr Palem Kiranmayi	Biochemistry
7	Dr Siddarth.N	Medicine
8	Dr Praveena Prasanth	Medicine
9	Dr Bandi Bhargavi	Medicine
10	Dr Venkateshkumar.S	Medicine
11	Dr Ambu Greeshmu Reddy	Medicine
12	Dr Manoj Kollipara	Medicine
13	Dr Ganganapalli Sunitha	Medicine
14	Dr Budumuru Sireesha	Medicine
15	Dr Kattela Veera Sekhar	Pathology
16	Dr Thota Umadevi	Pathology
17	Dr Gollavunuru Sindhuja	Pathology
18	Dr Bodagala Jayasree	Trans.Med.
19	Dr M.Subhash	Radiotherapy
20	Dr Gundluri Aasritha Sai	Radiotherapy
21	Dr Oruganti Neha	Radiology
22	Dr A.Nikhila	Radiology
23	Dr Vanteru Pooja	Radiology
24	Dr Bathuru Yaswanth	Radiology

S.No	Name of the Student	Dept.
25	Dr B.V.Sindhu	Radiology
26	Dr Sivanandini.S	Radiology
27	Dr Nithya.K	Emerg. Med.
28	Dr Panthulu Nandini	Nucl. Med.
29	Dr Bukke Surekha	Nucl. Med.
30	Dr Sangretepally Sai Ganesh	Gen. Surg.
31	Dr Palaparathi Martin Emerald	Gen. Surg.
32	Dr Girishanth Navu Subramanian	Gen. Surg.
33	Dr Srinidhi C.V	Com. Med.
34	Dr Jegadeeshkrishnan.M	Pharmacology
35	Dr Adhinarayana.E	Pharmacology
36	Dr Balaji Krishnaveni	Anatomy
37	Dr Pandugayala Venkata Arundhathi	Physiology
38	Dr Sangamithra R	Microbiology
39	Dr Sowjanya (I.S)	Anaesthesia
40	Dr Anga Ramesh (I.S)	Anaesthesia
41	Dr Maloth Rajendra Prasad (I.S)	Anaesthesia
42	Dr Shaik Khaja Rasool (I.S)	Anaesthesia
43	Dr Amanchi Shirisha (I.S)	Medicine
44	Dr Pulla Sumithra (I.S)	Radiology
45	Dr VijayaBabu Mamilapalli (I.S)	Radiotherapy
46	Dr Lakshmi Narasamma G.S (I.S)	Gen. Surg.
47	Dr Vardhan Reddy Gadikota.C (I.S)	Emerg. Med.

Annual Report 2023

MD/MS- 2023 batch

S.No	Name of the Student	Dept.
1	Dr Suryakumar Rupika	Anaesthesia
2	Dr Kancharla Manikumar	Anaesthesia
3	Dr Revelli Mounika	Anaesthesia
4	Dr Yaddalla Bhavana	Anaesthesia
5	Dr J.Prabhanda	Anaesthesia
6	Dr Jaisakthivel K.S	Anaesthesia
7	Dr Ponnada Naga Meghana	Anaesthesia
8	Dr Dhakshinapu Bhavana	Anaesthesia
9	Dr Syeda Asiya Begum	Emerg. Med.
10	Dr K.Manoj Kumar	Emerg. Med.
11	Dr Tenepalle Indu Sree	Medicine
12	Dr Mekala Himasagar	Medicine
13	Dr Aldikuppam DoraBabu	Medicine
14	Dr K.Sai Kumar	Medicine
15	Dr Sudhamsu Makineni	Medicine
16	Dr Patri Paavani	Medicine
17	Dr Marthala Pavithra	Medicine
18	Dr Kurapati Yamini	Microbiology
19	Dr Sukki Reddi Likhitha	Microbiology
20	Dr Penagadam Hemanth	Nucl. Med.
21	Dr Bayanagari Shashank	Nucl. Med.
22	Dr Sayee Sankari Chandini	Pathology
23	Dr Prathyusha Ganta	Pathology
24	Dr C.A.Sumanth varma	Pathology
25	Dr GangiReddy Kesava Renuka	Radiology
26	Dr Divya Sree Kona	Radiology

S.No	Name of the Student	Dept.
27	Dr M.H.Jahnavi	Radiology
28	Dr Sruthi Venna	Radiology
29	Dr B.Abhinaya	Radiology
30	Dr C.Bharath Vishnu Vardhan Reddy	Radiology
31	Dr Chintham Sai Hima Varsha	Radiotherapy
32	Dr Talatoti Naveen Bhargav	Radiotherapy
33	Dr A.Baba Bharath	Radiotherapy
34	Dr P.Maalini	Radiotherapy
35	Dr G.Sindhu	Radiotherapy
36	Dr Mangiri Likhitha	Radiotherapy
37	Dr Samuluru Jeevan Kumar	Transf. Med.
38	Dr Jaidev Gogineni	Gen. Surg.
39	Dr I.S.S.Sirisha	Gen. Surg.
40	Dr Meka Sai Sumanth Yadav	Gen. Surg.
41	Dr Ajeetha B	Com. Med.
42	Dr Usha Rathinasamy	Pharmacology
43	Dr Koppolu Suchithra (I.S)	Anaesthesia
44	Dr Syed Seema Tabassum (I.S)	Medicine
45	Dr Ogguru Rajani (I.S)	Medicine
46	Dr Potharapalli Sudha Rani (I.S)	Radiology
47	Dr S.Jagadeesh (I.S)	Radiot
48	Dr Sarvepalli Anusha (I.S)	Gen. Surg.
49	Dr Zulekha Begum Moghal (I.S)	Com. Med.
50	Dr Karri Parvathi (I.S)	Pharmacology
51	Dr Nandhala Rajesh Reddy (I.S)	Physiology

DM / MCh – 2021 batch

S.No	Name of the Student	Dept.
1	Dr Pothula Rama Rao	Cardiology
2	Dr Gorrepati Harish Chowdary	Cardiology
3	Dr Ravuri UshaRani	Cardiology
4	Dr Lanka Venkatesh	Endocrinology
5	Dr Y.Rajesh Reddy	Endocrinology
6	Dr V.Aditya	Med. Oncol.
7	Dr Thotanolla Surya Prakash	Nephrology
8	Dr Namesh Kamat	Nephrology
9	Dr Sakthivel V	Nephrology
10	Dr Jeeja J.J	Nephrology
11	Dr M. V. Srinivas Vijaykumar	Neurology
12	Dr Mounika Gopalam	Neurology
13	Dr Nuvvula Satwik	Neuro Surgery

S.No	Name of the Student	Dept.
14	Dr Middina Mahesh	Neuro Surgery
15	Dr Rakesh Kumar	Neuro Surgery
16	Dr Pushpendra Singh Gehlot	Surgical GE
17	Dr Gurlal Singh	Surgical GE
18	Dr Sakuboyina Kiran Datta	Surgical GE
19	Dr Abhijeet Jain	Surgical GE
20	Dr Yaswanth N	Surg. Ocnol.
21	Dr Gejji Mahesh Babu	Surg. Ocnol.
22	Dr Naveen VT	Urology
23	Dr Vankudoth Praveen K Umar	Urology
24	Sindhura Madugula	Urology
25	Pathakunta Sravan Reddy	Urology

Sri Venkateswara Institute of Medical Sciences

DM / MCh – 2022 batch

S.No	Name of the Student	Dept.
1.	Dr Kadiyala Rohit Kumar	Cardiology
2.	Dr Pathan Vahid Khan	Cardiology
3.	Dr Kasaindula Anil Kumar	Cardiology
4.	Dr Pathan Fardeeba Khanam	Cardiology
5.	Dr M.Bhavana	Endocrinology
6.	Dr Geerthana V	Endocrinology
7.	Dr Papasani Anil Kumar Reddy	Neurosurgery
8.	Dr Velchuri Prasanna Kumar	Neurosurgery
9.	Dr Kundum Sree Datta Pradeep	Neurosurgery
10.	Dr Durga Prasad S	Nephrology
11.	Dr Venkatesh Rajendra Naik	Nephrology
12.	Dr Jagritee	Nephrology
13.	Dr Shaik Shaheda Heera	Nephrology
14.	Dr Madireddi Priyanka	Neurology

S.No	Name of the Student	Dept.
15.	Dr Kantam Sarath Chandra	Neurology
16.	Dr Mungara RanjithKumar	Neurology
17.	Dr Kosuri Karthik Kumar	Urology
18.	Dr Vignesh N.C	Urology
19.	Dr K.Dheeraj Kumar	Urology
20.	Dr Somu Sumegha Malika	Urology
21.	Dr RM Keerthana	Med. Oncol.
22.	Dr Allampati Mouriya Reddy	Med. Oncol.
23.	Dr Salapu Ramesh Babu	Surg. Oncol.
24.	Dr Yalamanchali Pavan Kumar	Surg. Oncol.
25.	Dr Sangu Karuna Reddy	Surgical GE
26.	Dr A.Ritesh	Surgical GE
27.	Dr Gullipalli Ganesh	Surgical GE
28.	Dr Veeragandham Jayadeep	Surgical GE

DM / MCh – 2023 batch

S.No	Name of the Student	Dept.
1	Dr Akula Venkata Sai Suresh	Cardiology
2	Dr Chirumamilla Upendra	Cardiology
3	Dr Rampam Dharmasai	Cardiology
4	Dr P.Sowmya	Endocrinology
5	Dr D.Keerthana	Endocrinology
6	Dr Inaganti Nithin Sai	Medi.Oncol.
7	Dr Bhavitha Dugginni	Medi.Oncol.
8	Dr Koka Hazirunnisa	Nephrology
9	Dr N. Viswateja	Nephrology
10	Dr Kokila R	Nephrology
11	Dr Srikanth Kumar Muppalaneni	Nephrology
12	Dr Vadde Akhil	Neurology
13	Dr Aruru Anil Kumar	Neurology
14	Dr Samadi Venkata Akhil	Neurology
15	Dr Mummaka Siva Prasad	Neurosurgery
16	Dr Kanduri Prithvi	Neurosurgery

S.No	Name of the Student	Dept.
17	Dr G Praneeth Prem Kumar	Neurosurgery
18	Dr Parmar Darshan DineshBhai	Surgical GE
19	Dr Parimala Sri Sravya Soorneedi	Surgical GE
20	Dr Karimireddy Jahnvi	Surgical GE
21	Dr Rathod Bhavdipkumar Dinesh Bai	Surgical GE
22	Dr Theja P	Surg. Oncol.
23	Dr Munugala Praveen Kumar	Surg. Oncol.
24	Dr Kodamanchile Viswanath	Urology
25	Dr Varanasi Sai Bhashya Vamsi Krishna	Urology
26	Dr Yadlapalli Naveen Kumar	Urology
27	Dr Earla Dinesh	Urology
28	Dr Nichenametla Vishnu Keshav	C.T.Surgery
29	Dr Aggarapu Mallikarjuna Pavan	C.T.Surgery
30	Dr Kanthi Kiran Gosi	C.T.Surgery
31	Dr Dheeraj Kumar Mekathoti	C.T.Surgery

Annual Report 2023

SUMMARY OF HUMAN RESOURCE DEVELOPMENT

Sl. No.	Particulars	Total
	Teaching Staff	
3.1	Faculty (Medical) – Regular & Adhoc	08
3.2	Faculty on Compulsory service	43
3.3	List of Residents and Medical Officers Adhoc basis	43
3.6	Faculty & Non Faculty and Contract basis	18
3.7	List of Adhoc appointments (Faculty (M)) 2023-24	19
3.8	List of Medical Officers - 2024	06
3.9	List of Regular Faculty Promoted (Faculty (M)):	42
3.10	List of Junior Resident (on Adhoc Basis) 2023-24	15
3.11	List of Senior Resident (on adhoc basis) 2023-24	14
3.12	List of Adhoc appointments on compulsory service (Senior Residents) 2023	33
3.13	List of adhoc appointments on compulsory service (Asst. Prof.) 2023-24	10
3.14	List of MD/ MS / DM/ MCh Postgraduate Residents (2021-23)	
	2021 batch - MD/ MS-46 ; DM/ MCh-25	
	2022 batch - MD/ MS-47 ; DM/ MCh-28	
	2023 batch - MD/ MS-51 ; DM/ MCh-31	228
	Total	479
	Non-Teaching Staff	
3.4	Non-Faculty - Regular	387
3.5	Non Faculty – Adhoc	19
	Total	406

Corporation/ Outsourcing staff under Contract

Sl. No.	Contract Name		Category- I	Category- II	Category- III	Total
1.	Sri Lakshmi Srinivasa Manpower Corporation, Tirupati	Para and Non Para, Technical Staff	255	386	29	670
2.	Sri Lakshmi Srinivasa Manpower Corporation, Tirupati	Nursing staff	363	47	17	427
3.	Sri Lakshmi Srinivasa Manpower Corporation, Tirupati	Sanitation	-	06	526	532
	M/s. Rapid Protection Force Pvt. Securities, Vijayawada	--		207	207	

Sri Venkateswara Institute of Medical Sciences

Sl. No.	Contract Name		Category- I	Category- II	Category- III	Total
4.	Sri Lakshmi Srinivasa Manpower Corporation, Tirupati	Security	--	07	146	153
	M/s. Firstman Management Services Pvt. Ltd., Vijayawada		--		42	42
	TOTAL		618	446	967	2031

Performance Appraisal System - Award of meritorious certificates to the employees of SVIMS

Performance Appraisal is a continuous process of setting employee goals, monitoring their progress against the goals, evaluating outcomes and then recognizing their performance. The probation of the employees is declared based on the confidential report of the HOD and also the self appraisal submitted by the individual. It comprises assessment on job related/ functional and personal competencies and also include any suggestions for development by the superior. Performance assessment is carried out at all levels of the employees. The employees are awarded with 'Meritorious certificate' on the Republic Day celebrations conducted by the Institute.

On the eve of 74th Republic Day celebrations held on 26.01.2023, the following category of staff who rendered outstanding service on the eve of Republic Day celebration held on 26.01.2023.

Meritorious certificates to Regular & Adhoc Staff:

S.No.	Name of the employee	Designation	Department
1	Dr Pavan Kumar G Kale	Professor	Dept. of Radiology
2	K.Varalakshmi	Associate Professor	College of Nursing
3	Dr Brunda	Assistant Professor (Adhoc)	Dept. of Anaesthesiology
4	Dr Prerana Anthwal	Assistant Professor (Adhoc)	Dept. of ENT
5	Dr R.Ramya Priya	Assistant Professor (Adhoc)	Dept. of Nuclear Medicine
6	D.V.Dilip Kumar	Deputy Director	SPMCW
7	G.P.Manjula	Assistant Director	Controller of Examination
8	T.Rajani	Assistant Director	General Maintenance
9	V.Dhanalakshmi	Superintendent	SPMCW
10	S.Sanathana Lakshmi	Superintendent	Credit Cell
11	A.Ramasubbaramudu	Superintendent	Establishment Section
12	K.Raja Shekar	Senior Assistant	Billing Section
13	B.Suresh Kumar	Senior Assistant	Dr YSR Aarogyasri & EHS
14	D.G.Prasanna Lakshmi	Senior Assistant	Dept. of Purchase
15	C.Murali	Senior Assistant	O/o Director Office
16	M.C.Sandhya Rani	Sr.Tailor	Canteen
17	S.Bala Raju	Radiation Safety Officer	
		& Medical Phycist	Dept. of Radiation Oncology
18	A.Rajeshwaramma	Lab Technician Gr-I	Dept. of Biochemistry
19	P.Muddu Krishna Rao	Anaesthesia Tech., Gr-II	Dept. of Anaesthesiology
20	A.Latha	Anaesthesia Tech., Gr-II	Dept. of Anaesthesiology

Annual Report 2023

S.No.	Name of the employee	Designation	Department
21	P.Hari Prasad	Lab Technician Grade-II	Dept. of Transfusion Medicine
22	S.Tirumala	Dialysis Technician Grade-II	Dept. of Nephrology
23	B.Chandra Sekhar	Nuclear Medicine Tech., Gr-II	Dept. of Nuclear Medicine
24	S.Suribabu	Radiographer Gr-II	Dept. of Radiology
25	D.Lakshmi Prasanna	ECG Technician Gr-II	Dept. of Cardiology
26	C.Venkataramana	ECG Technician Gr-II	Dept. of Cardiology
27	S.Raghava Krishna	Tutor	College of Physiotherapy
28	G.Kameswari	Tutor	College of Physiotherapy
29	C.Venkataramana	Tutor (Adhoc)	Dept. of Anatomy
30	K.Bhavya	Teaching Assistant (Adhoc)	Dept. of Bioinformatics
31	E.L.Samundeshwari	Teaching Assistant (Adhoc)	Dept. of Biotechnology
32	A.Sailaja	Radiopharmacist (Adhoc)	Dept. of Nuclear Medicine
33	V.Pranaya Theja	Network Administrator (Adhoc)	O/o Medical Superintendent
34	V.Krishnamurthy	Autoclave Technician	Dept. of Nursing
35	B.Chandra Babu	Driver	General Maintenance
36	B.Balappa	Junior Assistant	Canteen
37	C.Bhagya Lakshmi	Staff Nurse	Dept. of Nursing
38	V.Usharani	Staff Nurse	Dept. of Nursing
39	P.Rajalakshmi	Staff Nurse	Dept. of Nursing
40	T.Kanchana	Staff Nurse	Dept. of Nursing
41	N.Obulamma	Staff Nurse	Dept. of Nursing
42	B.Krishnamma	Staff Nurse	Dept. of Nursing
43	B.Umalakshmi	Staff Nurse	Dept. of Nursing

Employee Welfare Measures:

1. Issued TTD Privilege card to SVIMS regular / Pensioners / Family Pensioners for availing darshan / VIP Brake darshan and purchasing 10 small laddus on par with TTD employees.



VI. FINANCE & ACCOUNTS (2019-20)



VI. Finance & Accounts (2022-23)

1.0 Institute Finance

All the bills for payment are to be submitted through ERP (Accounting Software) by different departments. The same is verified in the Audit Department, and after scrutiny in Audit the Accounts department will release through online bank transfer as per the existing rules. Accounts maintained in terms of the income generated through patient care, Tuition fee, donations received from donors, grants received from TTD, Government etc., will be compiled and submitted to Income Tax Department through Chartered Accountant after Audit. Further, all vouchers are scrutinized from time to time by the State Audit as well as AG audit personnel from State & Central Government.

2.0 Balance Sheet as on 31.03.2023 (Audited)

Liabilities	Amount as on 31.03.2023 (Rs.)	Assets	Amount as on 31.03.2023 (Rs.)
Capital Fund Account	5,56,27,01,961	Fixed Assets	1,73,12,54,356
Deposits Received	18,25,05,603	Investments	3,38,25,87,412
Academic Project Liabilities	1,73,35,662	Current Assets	1,50,18,15,873
Current Liabilities	85,31,14,415	Deposits - 20,60,22,604	
		Inventories - 9,43,20,911	
		Short-term Loans - 2,34,82,819 and Advances	
		Sundry Debtors- 70,86,66,751	
		Other Receivables-26,00,95,846	
		Cash Balances - 3,73,228	
		Bank Balances - 20,88,53,714	
Total	6,61,56,57,641	Total	6,61,56,57,641

2.1 Income and Expenditure for the year ending 31.03.2023 (Audited)

Liabilities	Amount as on	Assets	Amount as on
Operative Expenditure		Income from Operations	
Staff Payments & Benefits	1,58,75,53,807	Hospital Receipts	2,27,13,62,859
Hospital Operative Expenditure	60,28,06,210	University Income	49,27,42,206
Concessions	73,27,36,162	Other Income:	
University Expenditure	97,44,867	Grants in AID	36,00,00,000
Administrative Expenditure		Interest Income	1,70,60,326
Administrative and Other Expenditure	1,16,34,122	Rental Income	37,70,736
Repairs & Maintenance Expenditure	20,11,99,922	Other Income	21,67,46,510
Depreciation	31,80,91,547		
Excess of Expenditure over Income	-10,20,84,001		
Total	3,36,16,82,636	Total	3,36,16,82,636

Annual Report 2023

3.0 Concessions given to the patients for the period 01.04.2022 to 31.03.2023

S.No.	Month & Year	Amount Rs.
1	Apr-22	4,78,90,437
2	May-22	6,41,54,717
3	Jun-22	6,10,73,379
4	Jul-22	6,48,91,138
5	Aug-22	5,76,65,765
6	Sep-22	5,99,62,127
7	Oct-22	5,73,41,643
8	Nov-22	5,78,48,390
9	Dec-22	5,82,90,606
10	Jan-23	7,81,74,074
11	Feb-23	7,98,12,437
12	Mar-23	4,56,31,449
	Total	73,27,36,162

4.0 Funds received from Tirumala Tirupati Devasthanams during the year 2022-23

S.No.	Grant Details	Amount in Rs.
1	Revenue Grant	36,00,00,000
2	Reimbursement of Pranadana Expenditure	11,05,39,876
3	Reimbursement of treatment charges for TTD Employees/Pilgrims	9,82,39,333
4	Reimbursement of Blood Bank Screening Charges	78,53,150

5.0 Donations received for the period from 01.04.2022 to 31.03.2023

S.No.	Donations	Amount in Rs.
1	General Donations	18,70,100
2	Research & Development Donations	58,02,37,981
3	Corporate Social Responsibility	6,71,55,718

Sri Venkateswara Institute of Medical Sciences established under the aegis of Tirumala Tirupati Devasthanams receives donations from philanthropists through Sri Balaji Aarogya Vara Prasadini Scheme (SBAVP). SBAVP scheme was started in 1994 by SVIMS to accomplish the goal of making available the sophisticated medical technology to every individual at affordable cost and also to conduct research activities in the field of medical research. A donor can donate an amount of Rs.1000/- or multiplies thereof to this institution.

Sri Venkateswara Institute of Medical Sciences

The donors are provided privileges for accommodation, darshan and other prasadams of Lord Venkateswara at Tirumala by T.T.Devastanams for the donations Rs.01 lakh & above. In September-2016, TTD has introduced a New Donor Management System wherein entire information pertaining to a donor is stored in Online in place of issuing donor pass book, Acknowledgement and IT receipts. Donor can avail all the privileges through booking in online under New Donor Management System for the convenience of the Pilgrims.

The special privileges like displaying the name of the donor prominently, naming the paid room, unit, hostel block, operation theatre, hostel, choultry, auditorium, specialty block, library etc. are extended to the donor depends upon the quantum of donations.

The donations are exempted under Sec.35(1)(ii) of Income tax Act 1961. The donor can claim exemption U/s 80 GGA to the extent of 100% on salary income & 100% exemption on business income.

The institute has received donations for Rs. 58,02,37,981/- under Sri Balaji Aarogya Vara Prasadini Scheme during the financial year 2022-23. The list of donors who donated Rs.5 lakhs and above are as detailed below:

Sl. No.	Name of the Donor (Indian Rupees)	Amount of Donation
1	M/s. GVA Infra	1,00,26,000
2	Sri AnandMahadevan	1,00,00,008
3	Sri KritikAbiramGovindan	1,00,00,001
4	M/s. R S Brother Retail India Pvt. Ltd.	1,00,00,000
5	Smt. SarojiniVadlamudi and Sri RajasekharNarisetti	1,00,00,000
6	Sri Dega Vinod Kumar Reddy	1,00,00,000
7	M/s. Rainbow Aviation Private Limited	60,00,000
8	M/s. Shayona Corporation	50,01,111
9	M/s. Ganesh Grains Limited	50,00,000
10	M/s. RamsahaimaSahuwala& Sons Charitable Trust	50,00,000
11	M/s. Ramco Industries Ltd.	40,00,000
12	M/s. Rhine Power Private Limited	35,00,000
13	Chromachemie Laboratory Private Limited	30,18,000
14	M/s. GI Retail Private Limited	30,00,000
15	M/s. Percare Industries	26,00,000
16	GosukondaRaghavendraBharadwajSS	25,01,116
17	M/s.The Sukhjit Starch and Chemicals Limited	25,00,000
18	GMK Research LaboratoriesPvtLtd	22,44,000
19	Sri NishithJagdishchandra Trivedi	21,00,000
20	M/s. Sai Surya Associates Pvt. Ltd.	20,02,000
21	M/s.ATIN Promotions And Advertising Pvt. Ltd	20,00,000
22	M/s. ASNEE	20,00,000
23	M/s. Sri Balaha Chemicals Pvt. Ltd.	20,00,000
24	M/s. Sundari Silks India	20,00,000
25	Sri SudiipMajumdar	20,00,000
26	Sri Y.V.Subba Reddy	20,00,000
27	Vasu Organics Pvt Ltd	20,00,000
28	Sri Prakash Bharathi	17,00,000
29	VishnuvardhanaSSReddy	15,00,500
30	Chandan Steel Limited	15,00,000

Annual Report 2023

Sl. No.	Name of the Donor (Indian Rupees)	Amount of Donation
31	Dr K Venkatesanss	15,00,000
32	Sri Ashish Palod	15,00,000
33	M/s. Annapoorani Textiles Private Limited	12,80,000
34	M/s. Kothi Sons Partner	12,51,000
35	Bharat SS Kolluri	12,50,000
36	M/s. Prakash Enterprises	12,50,000
37	M/s. Ships Caargo	11,11,111
38	M/s. Penta Coal Private limited	11,11,111
39	Srinivas SS Kondethimmanapalli	11,00,001
40	M/s. Helicon Trading House Pvt. Ltd.	11,00,000
41	M/s. KEI Insdustries Ltd.	11,00,000
42	M/s. Madnani Engineerings Works	11,00,000
43	M/s. NewtechImpex	11,00,000
44	M/s. Oberoi Mega Entertainment LLP	11,00,000
45	M/s. Pushpak Credit and Fiscal Services Pvt. Ltd.	11,00,000
46	M/s. Triveni Engicons Pvt Ltd.	11,00,000
47	Prashanth SSGS	11,00,000
48	Smt. Manju Gupta	11,00,000
49	Sri Sushil Mansharamani	11,00,000
50	M/s. GSR Hospitals	10,76,498
51	M/s. Rasi Agriculture and Construction Equipments	10,50,000
52	Rounak SS Goklaney	10,50,000
53	Sri Ram Manohar Sing	10,50,000
54	Sri RounakGoklaney	10,50,000
55	M/s. Dhanunjaya Steel Enterprises	10,20,400
56	M/s. Mahalakshmi Parboiled Industries Pocharam Private Limited	10,16,000
57	Shree Balaji Logistics & Express Services Pvt Ltd	10,15,000
58	M/s. Vijayalakshmi General Stores	10,11,116
59	Sri Vamsi Krishna	10,11,116
60	Sri VenkataMurali Krishna Reddy and Swapna	10,11,116
61	M/s. Narayanan Associates	10,11,111
62	M/s. SLN Bullion Pvt.Ltd.	10,11,111
63	Miss. Aisiri Vidatri	10,11,111
64	Sri Gurunand Hanval	10,11,111
65	Sri Malle Aditya Goud	10,11,111
66	Venkata Krishna Puneetssnam	10,11,111
67	M/s. Sai Krishnaa Cotton Mills	10,11,000
68	Trackon Logistics &Express Services Pvt Ltd	10,11,000
69	Advait SSS Jayanthi	10,10,116
70	M/s. Ayyappa Jewellers	10,10,116
71	Sri KJD Srinivas	10,10,116
72	Venubabu SS Boppudi	10,10,116

Sri Venkateswara Institute of Medical Sciences

Sl. No.	Name of the Donor (Indian Rupees)	Amount of Donation
73	Anup SS Reddy	10,10,000
74	Sri SubramniemPerumal	10,10,000
75	Sri VediappanMuniyappan	10,10,000
76	Sri SuriyakiranUdhayan	10,08,000
77	M/s. Vasavi Engineerings	10,06,116
78	M/s. Majestic Exports	10,06,000
79	Narendra sspabbineedi	10,06,000
80	Sri Jove Fabric	10,06,000
81	Sri Vijayalakshmi steel enterprises	10,05,116
82	M/s. Barathi Super Market	10,05,001
83	M V Jewellery	10,05,000
84	Saravanakumar SSS	10,05,000
85	Sri Darshil Badam	10,05,000
86	KIRANSSGANDHI	10,03,923
87	Babusuresh SS achanta	10,01,116
88	Kalpanath SS Katrapati	10,01,116
89	Kumar SS Swamy	10,01,116
90	M/s. Global Tree Careers Private Ltd.	10,01,116
91	M/s. SAIS IT services India Pvt. Ltd.	10,01,116
92	M/s. Soorya Foundation	10,01,116
93	M/s. Srujana Homes Pvt. Ltd.	10,01,116
94	Miss. D. Chaitra Sri Krishna	10,01,116
95	Prudhvi Ramssvedula	10,01,116
96	Raghu Nandan SS Mandala	10,01,116
97	Saligram Technologies Pvt Ltd	10,01,116
98	Smt. Haritha K	10,01,116
99	Sri Juturu Chinna Ravikumar Reddy	10,01,116
100	Sri Rajasekhar Kuncham	10,01,116
101	Vamsi KrishnaSS Devabathini	10,01,116
102	Sree Tirumala Steel Enterprises	10,01,115
103	M/s. Acharya Exports	10,01,112
104	M/s. Pagadala's Medident General & Dental Clinic	10,01,111
105	M/s. Canara Cement Pipes	10,01,101
106	Miss. M. DeepthiSree	10,01,077
107	Sri Reddy Ravi Kumar Goud	10,01,016
108	Srilatha SS Vedantam	10,01,016
109	Sailaja SS Giridhar	10,01,011
110	M/s. The All India Arya VysyaSamajam	10,01,001
111	Dr M Balamurugan	10,01,001
112	Dr N.Sridhar	10,01,001
113	Vijai Construction India Private Limited	10,01,001
114	Anumanthan R	10,01,000

Annual Report 2023

Sl. No.	Name of the Donor (Indian Rupees)	Amount of Donation
115	Glenrock Enterprises	10,01,000
116	M/s. P Kishanchand Textiles Ltd.	10,01,000
117	M/s. Prudent Communication Systems Pvt. Ltd.	10,01,000
118	M/s. Rajyalakshmi Coated Wires Pvt. Ltd.	10,01,000
119	M/s. Deeplaxmi NX	10,01,000
120	Sri ChethanSimhadri	10,01,000
121	Sri Sudhir Basin	10,01,000
122	Smt. SumanFatahchand Nagar	10,00,501
123	M/s. Ammoda Developers And Promoters Pvt. Ltd.	10,00,500
124	Sri AnirudhDandin	10,00,500
125	Sri Rahul P Popatss	10,00,323
126	B.V.Chalpathiss	10,00,116
127	E. Phalguna Kumar & Co	10,00,116
128	KanishkSaisspamidi	10,00,116
129	KrantiKiranssavadhanula	10,00,116
130	LakshmanSSNama	10,00,116
131	Linkfields Innovations Private Limited	10,00,116
132	M/s.KRAFTPRO Marketing Pvt Ltd	10,00,116
133	M/s. Eidiko Systems Integration Pvt Ltd.	10,00,116
134	M/s. Gurusree Consultancy	10,00,116
135	M/s. Lucky Retail Stores Pvt. Ltd.	10,00,116
136	M/s. O2F Infor Solutions Pvt. Ltd.	10,00,116
137	M/s. Sri Sruthi Hospital	10,00,116
138	M/s. Trisathi Industries	10,00,116
139	Manchu Toughend Glass (P) Ltd	10,00,116
140	Miss. Shriya D	10,00,116
141	PraneethSS Reddy	10,00,116
142	PYDIMARRYSSRITHVIK	10,00,116
143	SkandanSSgajulapalle	10,00,116
144	SmtMadhira Lakshmi Saranya	10,00,116
145	Smt. D.Anuradha	10,00,116
146	Sree Sreenivasa Glass Agencies	10,00,116
147	Sri Ashish Arora	10,00,116
148	srilakshminarasimha frame works	10,00,116
149	Sri Modugu Praveen Kumar Reddy	10,00,116
150	Sri P. Krishna Murthy	10,00,116
151	Sri Prasad Rao Kankalapati	10,00,116
152	Sri VenugopalMadduri	10,00,116
153	SWETHA Hardware and Electricals	10,00,116
154	Venkatasuman SS Sanikommu	10,00,116
155	Venugopal SS Veerla	10,00,116
156	M/S. Maha Raja Enterprises	10,00,111

Sri Venkateswara Institute of Medical Sciences

Sl. No.	Name of the Donor (Indian Rupees)	Amount of Donation
157	Sri PannalaTanishkaa Reddy	10,00,111
158	Sri Pasupuleti Suresh Kumar	10,00,101
159	Ramachandran NSS Pai	10,00,100
160	Sharad Bairathiss	10,00,100
161	Sri Kumar K and Lakshmi Kumar	10,00,100
162	Vriti SS Ellur	10,00,100
163	M/S. Harinarayanan Structural Private Limited	10,00,011
164	M/s. Sahasraa Jewels	10,00,011
165	HariharanSS Venkataganesh	10,00,010
166	Maruthi Shipping Services	10,00,009
167	NSOFT India Services Pvt Ltd	10,00,008
168	S CubbeShipping Agencies	10,00,008
169	Krishna Murali Reddy SS Nandipati	10,00,005
170	M/s. Thirupathi Steels Private Ltd.	10,00,002
171	AARAVSS Alok Karupakala	10,00,001
172	AravindSSS	10,00,001
173	Arjun V N	10,00,001
174	Balaji Pharma Enterprises	10,00,001
175	Jayam Solutions	10,00,001
176	M/s. Khushi Advertising Ideas Pvt. Ltd.	10,00,001
177	M/s. SnowtempCommercialPvt. Ltd.	10,00,001
178	M/s. Better Communications Pvt.LTd.	10,00,001
179	M/s. CNN Enterprises	10,00,001
180	M/s. God Granites	10,00,001
181	M/s. Info Services Digitech India Pvt. Ltd.	10,00,001
182	M/s. Jai Tulse Switchgears Pvt. Ltd.	10,00,001
183	MSVR TechnologyServicesPvtLtd	10,00,001
184	Sanjayssnarain Mathur	10,00,001
185	Sree Velavan Timbers	10,00,001
186	Sri K Prabhu	10,00,001
187	Sri UdayantMalhoutra	10,00,001
188	Sri.P.Srinivasa Reddy	10,00,001
189	Vinayssmehra	10,00,001
190	AlagesanSSSwaminathan	10,00,000
191	AnjiReddySSPagidi	10,00,000
192	Cell point India Pvt Ltd	10,00,000
193	ChandrakantSSInamdar	10,00,000
194	Dinesh SSC K M	10,00,000
195	Durgaa Diamonds and Jewels	10,00,000
196	Exafluence Global Analytics Pvt Ltd	10,00,000
197	Geeta KSS	10,00,000
198	Harish SSTIBDEWAL	10,00,000

Annual Report 2023

Sl. No.	Name of the Donor (Indian Rupees)	Amount of Donation
199	Hymavathi Medical and Fancy	10,00,000
200	Indira SS Kottam	10,00,000
201	JVC Weaves	10,00,000
202	Kshama SS Srinivasa	10,00,000
203	M/s. Gayatri Integrated Business Solutions Private Limited	10,00,000
204	M/s. Svsn Consultancy And Business Solutions Private Limited	10,00,000
205	M/s. Vital Laboratories Pvt Ltd	10,00,000
206	M/s. Admire Media Pvt Ltd.	10,00,000
207	M/s. AKV Exim(I) Pvt ltd.	10,00,000
208	M/s. AKV Logistics Pvt Ltd.	10,00,000
209	M/s. Archana Associates	10,00,000
210	M/s. AscomInfotechPvt. Ltd.	10,00,000
211	M/s. Atira Designs Private Ltd.	10,00,000
212	M/s. Atira Designs Pvt. Ltd.	10,00,000
213	M/s. B.S.Jewellers	10,00,000
214	M/s. Bay Pac Systems Private Limited	10,00,000
215	M/s. Bishal International	10,00,000
216	M/s. Codex Biosciences International Pvt. Ltd.	10,00,000
217	M/s. Eastern Cargo Carriers India Private Limited	10,00,000
218	M/s. Happy Home	10,00,000
219	M/s. Industrial Packing Products	10,00,000
220	M/s. Jai Agencies	10,00,000
221	M/s. KGR & Co.	10,00,000
222	M/s. L R Swami	10,00,000
223	M/s. Lahoti Motors Pvt. Ltd.	10,00,000
224	M/s. Laxmi Organic Industries Ltd.	10,00,000
225	M/s. M L S Enterprises Pvt.LTd.	10,00,000
226	M/s. Medmanor Organics Pvt. Ltd.	10,00,000
227	M/s. Muthu Export House	10,00,000
228	M/s. Nilkamal Properties Pvt Ltd	10,00,000
229	M/s. O.G Variar And Sons Variar Bakery	10,00,000
230	M/s. Pacific Therapeutics Private Ltd.	10,00,000
231	M/s. Pacific Therapeutics Pvt. Ltd.	10,00,000
232	M/s. PannalaParvathal Reddy Trust	10,00,000
233	M/s. Pattabhi Agro Foods Private Limited	10,00,000
234	M/s. Poojitha Agro Industries Private Limited	10,00,000
235	M/s. PPN Power Generating Company Pvt. Ltd.	10,00,000
236	M/s. Prakash Silks and Sarees Private Limited	10,00,000
237	M/s. RITZ Spinning Mills Pvt. Ltd.	10,00,000
238	M/s. Robust Management and Consulting Pvt. Ltd.	10,00,000
239	M/s. Royal Trade Links	10,00,000
240	M/s. S V Constructions	10,00,000

Sri Venkateswara Institute of Medical Sciences

Sl. No.	Name of the Donor (Indian Rupees)	Amount of Donation
241	M/s. S.S Medicals and Image Products	10,00,000
242	M/s. Shanmukh Finance	10,00,000
243	M/s. Shri EkviraManufactures and Coats Pvt. Ltd.	10,00,000
244	M/s. Siddhi Vinayaka Fashions LLP	10,00,000
245	M/s. Spectra UPVC Windows	10,00,000
246	M/s. Sri Balaji Distributors	10,00,000
247	M/s. Sri Devaraj Fruit Products Pvt. Ltd.	10,00,000
248	M/s. Sri sai Ram Farm House Private Limited	10,00,000
249	M/s. Sri Sai Ram Farmhouse Private Limited	10,00,000
250	M/s. Status Textiles and Garments	10,00,000
251	M/s. Subbarow Apparels	10,00,000
252	M/s. Switchgear Manufacturing Company Private Limited	10,00,000
253	M/s. Tirumala Seven Hills Pvt. Ltd.	10,00,000
254	M/s. Vemuri Enterprises	10,00,000
255	M/s. Venchem Consultants LLP	10,00,000
256	M/s. VenkateshBhandi Stores	10,00,000
257	M/s. VijaykumarSatyanarayan LLP.	10,00,000
258	M/s. Vivek Sri Farms Pvt. Ltd.	10,00,000
259	M/s. Welcome Distilleries Pvt. Ltd.	10,00,000
260	MeherMutyalaRaoSSMandavilli	10,00,000
261	Miss. Sindhu Katam	10,00,000
262	Miss. Soma Vidyullatha	10,00,000
263	Miss. SripadaSampoorna	10,00,000
264	Miss. VeeravenkataBhavya	10,00,000
265	NaveenSSKaparthi	10,00,000
266	NSTEKMARK LLP	10,00,000
267	Om Sai Iron Merchant	10,00,000
268	RajniSS Patel	10,00,000
269	Ram Prakashssgolyan	10,00,000
270	Ravikumar SSHUF	10,00,000
271	Rayven IT Solutions Private Limited	10,00,000
272	Sandeep SSMN	10,00,000
273	Shree Sharada Medical Hall	10,00,000
274	SivakumarSSR	10,00,000
275	Smt. Mamata L Shenoy	10,00,000
276	Smt. PallaviSumkara	10,00,000
277	Smt. SamvithaSudhakar Ram	10,00,000
278	Smt. V.Ananya and V. Suresh Kumar	10,00,000
279	Sri Aashish Jagdish Shetty and Mrs. Mavis Jagdish Shetty	10,00,000
280	Sri Advait Gumdal	10,00,000
281	Sri Amit Kumar	10,00,000
282	Sri C. Rajani Kumar	10,00,000

Annual Report 2023

Sl. No.	Name of the Donor (Indian Rupees)	Amount of Donation
283	Sri Deepak Abhimanyu More	10,00,000
284	Sri Devi Associates India Pvt. Ltd.	10,00,000
285	Dr Mahesh V and Smt. Padma	10,00,000
286	Sri Ganesh Vernekar	10,00,000
287	Sri Gowri Shankar Pandurangan	10,00,000
288	Sri K. Sanchita	10,00,000
289	Sri Kurapati Hari Hara Saravanan	10,00,000
290	Sri Lankireddy Srinivasa Reddy	10,00,000
291	Sri M. Murali	10,00,000
292	Sri M. Veeraragavan	10,00,000
293	Sri R.K. Kanthimathinathan	10,00,000
294	Sri Rajas Vinit More	10,00,000
295	Sri Ramasharma Ambatipudi	10,00,000
296	Sri Ravikiran Vernekar	10,00,000
297	Sri Sanjay Goel	10,00,000
298	Sri Surya Prakash Satya Venkata Ramba	10,00,000
299	Sri T. Raja Kumar and T.Sai Surya Shanmukh Srinivas	10,00,000
300	Sri V. Venkata Ramana Babu	10,00,000
301	Sri Vemuri Ishwarya	10,00,000
302	Sri Vemuri Praveen Eswar	10,00,000
303	Sri VenkataMallikaMadhuri	10,00,000
304	Sri VennelakantiRaghavendrakumar	10,00,000
305	Sri Vijayanagar Hospital	10,00,000
306	Sri Bandakavi SrinivasaNarasimha Rao SS	10,00,000
307	Sri Sagi Siva Sita Rama Raju	10,00,000
308	Sri Sanjay Surana	10,00,000
309	Sridhar Segu	10,00,000
310	Srinivas SS Balabathuri	10,00,000
311	Srinivas SS Ramsagar	10,00,000
312	Sudhir SS Bangarambandi	10,00,000
313	TT Muraliss	10,00,000
314	Tirupati Plast Industries	10,00,000
315	V Balakrishnan SS	10,00,000
316	V V Sunil Kumar SS Manyam	10,00,000
317	Venkataramana Rao SS Raja	10,00,000
318	M/s. Ajay Bindlish	9,98,000
319	M/s. Anita Bindlish	9,98,000
320	M/s. Thee Shiksha Logistic Private Limited.	9,00,000
321	Sri Sudharshana Mugerya	7,30,000
322	SriSethia Intra Private Limited	6,50,000
323	Savaram Naga Malleswara Rao	6,00,000
324	Smt. P. Subbalakshmi	6,00,000

Sri Venkateswara Institute of Medical Sciences

Sl. No.	Name of the Donor (Indian Rupees)	Amount of Donation
325	Subham SS Bansal	6,00,000
326	M/s. USK Balaji Plast Pvt Ltd.	5,85,915
327	Kamalakannan SS manickam	5,55,000
328	Balaji SS Sampath	5,35,000
329	Manju SS Sharma	5,11,000
330	R. Padmalayass	5,10,000
331	Sri Nageswara Rao Yenduri	5,05,000
332	Rumassradhakrishna	5,01,116
333	NirajSSAgarkar	5,01,001
334	Prasadssu	5,00,501
335	Suresh SS Santhanam	5,00,501
336	Kasula SS Venkata Sreenivasa Rao	5,00,376
337	Adinarayana SS Boligorla	5,00,116
338	Balla Veera Venkata Kiranss	5,00,116
339	Sri G.VidyaSagar Reddy	5,00,116
340	V.L.N. Raghuram Srungaram SS	5,00,116
341	Venkata Raju SS Indukuri	5,00,116
342	Aditya SS Jami	5,00,001
343	Akhand Construction	5,00,001
344	Anjana SS Gopalakrishnan	5,00,001
345	Ramesh SS Iyer	5,00,001
346	Sree Ramachandra Murty SS Devalraju	5,00,001
347	Sri Aniket Ravindra Patil	5,00,001
348	Sri Satej Rajnikant Shah	5,00,001
349	Sri Segu Srikrishna	5,00,001
350	Sridhar SS Uppada	5,00,001
351	V Sreenadha SS Reddy	5,00,001
352	Aravind SS Gosukonda	5,00,000
353	M/s. Survival Technologies Pvt Ltd.	5,00,000
354	M/s. Hexawel Healthcare Llp.	5,00,000
355	M/s. Sabari Infra Private Limited	5,00,000
356	M/s. VSD Medical Solutions Pvt. Ltd.	5,00,000
357	MeganathanVellore SS Vedaram	5,00,000
358	Smt. T.Nagamma	5,00,000
359	Sri Dhiraj Ashok Kumar Odhrani	5,00,000
360	Sri Hemant Shah	5,00,000
361	Sri Subhash K. Thakker	5,00,000
362	Srinath Sleep Products	5,00,000
363	Srinivasulussgonisapudi	5,00,000
364	T T Srinivasa Raghavan SS	5,00,000

Annual Report 2023

The following donations are received under **Corporate Social Responsibility**.

Sl. No.	Name of the Donor (Indian Rupees)	Amount of Donation
1	M/s. Advol Hi-Tech Pvt. Ltd.	1,01,00,000
2	M/s. Anand Carbo Private Limited.	1,01,00,000
3	M/s. OAM Industries Private Limited	1,00,00,000
4	M/s. Tirubala International Pvt. Ltd.	60,00,000
5	M/s. Ambuja Intermediates Pvt Ltd.	34,00,000
6	M/s. Lashi Exports Limited	20,22,000
7	M/s. Rudira Aqua Limited	20,22,000
8	M/s. SasiAnand Spinning Mills India Pvt Ltd.	20,10,000
9	M/s. Kriya Next Wealth Pvt. Ltd.	17,18,600
10	M/s. Tablets India Ltd.	17,00,000
11	M/s. Trade Unlisted Private Limited	13,65,000
12	M/s. Cilicant Private Limited.	11,00,000
13	Kohinoor Feedsand Fats Private Limited	10,11,000
14	M/s. B R T Spinner Pvt Ltd.	10,05,000
15	M/s. Gomuki Spinning Mills Pvt. Ltd.	10,05,000
16	M/s. Vital Therapeutics Pvt. Ltd.	10,00,116
17	Transline Air Cargo Services Private Limited	10,00,001
18	M/s. Dakshinaindi Arya Vysya Sri VasaviKanyaka Parameshwari Dharma Paripalanasamstha	10,00,000
19	M/s. Jupiter DyechemPvt. Ltd.	10,00,000
20	M/s. Lars Medicare Pvt. Ltd.	10,00,000
21	M/s. TopselPvt. Ltd.	10,00,000
22	M/s. Topsel Services Pvt Ltd	10,00,000
23	M/s. Tulsian PMS Pvt Ltd	7,90,000
24	M/s. MNS Credit Management Group Pvt Ltd.	5,01,000
25	M/s. Netaji Oil Depot Pvt.	5,00,001
26	M/s. SPT Investment Advisory Services Pvt. Ltd.	5,00,000

6.0: Details of Ongoing projects with extra mural fund agencies as on 31.03.2023

S. No	Investigator	Funding Agency	Title of the Project	Grant of money (Rupees)
1	DrAlladi Mohan Prof.& HOD, Dept. of Medicine, Principal Investigator, SVIMS.	Directorate General of Health Services, New Delhi	Evaluation of the efficacy of thrice week DOTS regimen in TB pleural Effusion at six months	11,27,743
2	Dr.Alladi Mohan Prof.& HOD, Dept. of Medicine, Principal Investigator, SVIMS.	ICMR, New Delhi	A prospective Double-blind Randomized Controlled Trial (RCT) to determine the effect of Vitamin D supplementation of the development of active tuberculosis and pneumonia in HIV-infected individuals	12,52,828
3	Dr.UshaKalawat, Assoc. Prof, Dept. of Microbiology, Principal Investigator, SVIMS.	ICMR, New Delhi	Establishment of a network of laboratories for managing epidemics and natural calamities	9,85,04,622
4	Dr.Alladi Mohan Prof.& HOD, Dept. of Medicine, Principal Investigator, SVIMS.	Science & Engineering Research, New Delhi	To Study the effect of mobile phones on well being, sleep and cognitive function	25,75,000
5	Dr.Alladi Mohan Prof.& HOD, Dept. of Medicine, Principal Investigator, SVIMS.	ICMR, New Delhi	Impact of package of intensive smoking cessation interventions versus recommended, basic smoking cessation advice on outcomes in smear-smear positive patients with pulmonary tuberculosis	6,68,923
6	Dr.K.SivaSankar, CfAR, SVIMS	DBT, New Delhi	Exosomesignaling via EBER-1 and EBER-2 and the regulatory role of lost BTB/POZ domain containing Zinc finger proteins.	83,74121
7	Dr. K. Madhavi, Professor & Principal, COP, SVIMS.	Centre for Vedas Science Research (CVSR) Tirupati	Influence of integrated physiotherapy and Vedic therapy on pain, disability and quality of life in grade I, Osteo arthritis individuals	4,27,000
8	Dr.K.Nagaraj, Professor & HOD, Dept. of Community Medicine, SVIMS.	ICMR, New Delhi	Improving the Health Care Access among Scheduled tribes: An Implementation Research in Chittoor District, Andhra Pradesh	38,61,080
9	Dr.K.Nagaraj, Professor & HOD, Dept. of Community Medicine, SVIMS.	ICMR, New Delhi	Socio-demographic, health, nutritional vulnerability and Prakriti assessment among the elderly in Chittoor District, Andhra Pradesh : a cross sectional study	28,65,110

Annual Report 2023

S. No	Investigator	Funding Agency	Title of the Project	Grant of money (Rupees)
10	Dr.S.Venkata Naveen Prasad, Associate Professor, Dept of Neurology, SVIMS.	ICMR-NCDIR Bengaluru	HTA of National Stroke Care Registry Programme: Development of Hospital Based Stroke Registries in different regions of India	8,51,988
11	Dr.Alladi Mohan, Prof.& HOD, Dept. of Medicine, Principal Investigator, SVIMS.	INTEREST Trial, Vellore	Intravenous Treatment for Scrub Typhus (INTREST) Trial	2,50,000
12	Dr. K. Nagaraj, Professor & HOD, Dept. of Community Medicine, SVIMS.	Vijayawada, Andhra pradesh	Morbidity Status and Socio-cultural profile of population in villages near tailing pond of Uranium Corporation of India Ltd, Thummalapalli, YSR Kadapa District – A cross- sectional study	24,00,462
13	Dr.UshaKalawat, Assoc. Prof, Dept. of Microbiology, Principal Investigator, SVIMS.	NCDC New Delhi	Program for Intersectoral coordination for prevention and control of zoonotic diseases in India	1,08,56,944
14	Dr.Alladi Mohan, Prof.& HOD, Dept. of Medicine, Principal Investigator, SVIMS.	ICMR, New Delhi	Prevalence, risk factors and laboratory diagnosis of non tuberculosis mycobacterial (NTM) disease : a multicentre study	19,70,004
15	Dr.D.Rajasekhar Prof.& HOD, Dept. of Cardiology, SVIMS.	ICMR, New Delhi	ICMR-National heart failure registry	2,41,935
16	Dr R. Jayaprada, Assoc. Professor, Dept. of Microbiology, SVIMS.	BIRAC, Govt. of India.	Developing a prediction model for determining probability of harbouring ESBL producing enteroacteriaceae in UTI	2,02,107
17	Dr.K.Nagaraj Professor & HOD, Dept. of Community Medicine, SVIMS.	ICMR, New Delhi	Self care practices and quality of life among diabetic patients in rural area of Chittoor District, Andhra Pradesh	50,000
			Total	13,64,79,867

Sri Venkateswara Institute of Medical Sciences

7.0 SUNDRY DEBTORS ABSTRACT F.Y. 2022-23

PARTICULARS	OB	RAISED	TOTAL	CASH AS PER ERP	TDS AS PER ERP AS PER ERP	RETRE NCHED	CB AS PER ERP
AB SPF	27,773			27,773			27,773
APSPDCL	8,65,687	14,52,699	23,18,386	16,02,537	88,133	505	6,27,211
RTC	41,32,959	11,68,416	53,01,375	20,60,600	1,58,816	201579	28,80,380
ABS	60,71,359	91,20,619	1,51,91,978	80,46,674	2,87,948		68,57,356
Arogya Sahayatha	70,592		70,592	41,334			29,258
BIRRD Blood Bank	30,82,314	49,24,200	80,06,514	75,76,214	2,76,936		1,53,365
BIRRD YSR	1,51,478	11,01,360	12,52,838	10,76,947	42,085		1,33,806
BSNL	22,20,169		22,20,169	10,52,534	99,188	33158	10,35,289
CMRF	18,38,035	13,29,104	31,67,139	15,09,127	1,67,671		14,90,341
Railways	1,16,30,145	1,71,28,018	2,87,58,163	1,54,04,980	2,85,152	18,000	1,30,50,031
DrYSR Arogyasri Follow Up	98,17,756	67,20,353	1,65,38,109	25,83,647			1,39,54,462
Aarogyasri	24,15,01,085	94,94,08,768	1,19,09,09,853	58,41,96,809	5,34,98,007	4,21,34,907	51,10,80,131
EHS	2,13,57,596	5,43,88,128	7,57,45,724	3,87,10,209	43,46,323		3,26,89,191
EHS-Follow Ups		75,702	75,702				75,702
ARHS	18,69,294	3,53,500	22,22,794				22,22,794
Working JournalistIP Claims	96,513		96,513				96,513
ESI	1,35,20,321	1,15,37,346	2,50,57,667	1,36,73,822	5,05,425	47,52,324	61,26,096
Govt.Credit	45,12,310	2,23,943	47,36,253	3,51,728			43,84,525
OtherCredit	28,56,408	10,97,996	39,54,404	23,917			39,30,487
RNTCP	13,22,400		13,22,400	1322400			
SCURT		1,07,375	1,07,375	99,605			7,770
SHAR	10,055		10,055				10,055
SPCHC	7,20,750	58,70,417	65,91,167	58,89,618	1,62,019		5,39,530
SVBC	3,05,251	14,90,831	17,96,082	15,36,832	42,177		2,17,73
TTD Employees	1,67,35,7 18	12,80,86,028	14,48,21,746	9,31,34,739	51,04,594		4,65,82,413
DRDA(CHP)	1,82,151		1,82,151				1,82,151
IIT,TIRUPATI		73,274	73,274	73,274			
Individual Credit	13,10,934		13,10,934				13,10,934
Nephroplus	6,05,420	6,71,245	12,76,665				12,76,665
Pranadhanam	3,99,84,726	12,02,48,852	16,02,33,578	10,51,02,424	54,37,452		4,96,93,702
SVIMS Pharmacy 1-							
Sundry Debtors	25,329		25,329	9,431			15,898
SV University	7,322		7,322				7,322
TTD Individual Credit	7,39,357		7,39,357				7,39,357
SVVET		40,214	40,214				40,214
RAN	1,54,289	62,48,161	64,02,450	60,26,098			3,76,352

Annual Report 2023

PARTICULARS	OB	RAISED	TOTAL	CASH AS PER ERP	TDS AS PER ERP AS PER ERP	RETRENCHED	CB AS PER ERP
TBPLEFF Project	3,145		3,145				3,145
Child Heart Disease	3,62,398		3,62,398				3,62,398
Bajaj Alianz General	74,196	4,08,742	4,82,938	3,50,229	38,919		93,790
Family Health Plan	1,91,919		1,91,919	1,72,726	19,193		
IFFCO TOKIO General	14,765	1,16,569	1,31,334	1,18,200	13,134		
THE NewIndiaAssurance		10,80,283	10,80,283	7,56,792	84,090		2,39,401
MEDI Assist Insurance	2,81,414	42,80,415	45,61,829	37,19,579	4,27,144		4,15,106
RelianceGeneralInsurance	1,17,634	3,47,825	4,65,459	3,15,773	35,087		1,14,599
SafewayInsurance	15,881	89,640	1,05,521	93,958	10,443		1,120
Future General Insurance		1,17,380	1,17,380	78,398	8,712		30,270
National Insurance		9,50,923	9,50,923	5,28,522	67,812		3,54,589
UIIC Health Paym		13,34,483	13,34,483	9,84,341	1,09,160		2,40,982
ICICI-Lombard Insurance		1,45,081	1,45,081	1,30,569	14,512		
TATA AIG General Insurance		37,788	37,788	34,008	3,780		
Oriental Insurance		2,27,142	2,27,142	1,82,343	20,262		24,537
SBI General Life		4,42,099	4,42,099	3,89,953	43,330		8,816
R &D		49,74,045	49,74,045				49,74,045
FM Fund		2,60,351		1,85,089			75,262
Grand Total	38,87,86,847	1,33,76,79,315	1,72,62,05,811	89,91,45,980	7,13,97,504	4,71,68,246	70,87,54,433

8.0 CREDIT CELL:

Mr G.Suresh Kumar
Dy. Director (Credit Cell, Billing & Insurance)

Mrs.Santhalakshmi
Superintendent

Senior Assistants: Mr.M.Hari Prasad Reddy & Mrs.C.Aruna

Data Entry Operators (DEOs)
1. Mrs.Jayalakshmi 2. Mrs. P.Rekha 3. Mrs.Rama
4. Mr.Siva Reddy, 5. Mr.Siva Kumar 6. Mr.RAjesh
7. Mr.P.Devendra Kumar 8. Mr.Zakir 9. Mrs.Devika

Location: 3rd floor, Cfar Building, SVIMS Campus.

About Credit Cell

Credit Cell in SVIMS has been setup for the purpose of providing credit treatment to Staff/Dependents of Govt. Organizations both State & Central based on MOUs. The objective of Credit Cell is hassle free credit procedure to eligible patients and timely sending of claims. Besides monitoring payments against credit claims.

Present Ongoing Credits in Credit Cell

1. TTD(EHF) (IP&OP)
2. Other than TTD – Board Members, EX-TTD, etc., (IP&OP)
3. Pilgrim (IP&OP)
4. Railway Credit (IP&OP)
5. ABS (Aarogyabhadrata Scheme) (IP&OP)
6. RTC (For Retired Staff) (IP&OP)
7. SVBC (IP&OP)
8. APSPDCL (IP Only)
9. BIRRD BLOOD BANK _ Blood Components
10. BIRRD – OP Bills
11. SPCHC – OP Bills
12. SCRUT - OP Bills
13. Prisoners – (IP&OP)
14. Govt. Credit (MLA, MLC &Ex.MLA & MLC IP only)
15. CMRF
16. IIT (IP only)
17. S.V. Veterinary University(for students IP only)

Credit Schemes Dealt in collaboration with Dept. of Aarogyasri & MRD

1. Dr YSRAarogyasri
2. EHS
3. Prandana Scheme.
4. Rastriya Aarogya Nidhi- RAN

9.0 Cashless Medical Services under Health Insurance Scheme

SVIMS has already tied up with the following mega health insurance companies/TPAs to facilitate cashless medicare to their card holders.

Available insurance companies for cashless treatment

- | | |
|------------------------------------|--|
| 1. IFFCO – TOKIO General Insurance | 9. Safeway Insurance |
| 2. Heritage Health Insurance | 10. MD India Health Insurance |
| 3. Reliance General Insurance | 11. ICICI Lombard |
| 4. Bajaj Allianz General Insurance | 12. East West Assist/VOLO Health Insurance TPA |
| 5. Family Health Plan Insurance | 13. Vidal Health Insurance TPA |
| 6. Medi Assist Insurance | 14. Paramount Health Services & Insurance TPA |
| 7. Good Health Insurance | 15. Navi General Insurance |
| 8. Future General India Insurance | 16. Health Insurance TPA |
| 17. SBI General Insurance | 18. TATA AIG General Insurance Company Limited |

The eligible card holders are availing the cashless services available at SVIMS w.e.f. December, 2021 to till date. The institute extended cashless treatment to the extent of Rs.2 crore 53 lakhs in respect of 400 patients. Insurance cashless services in our hospital is improving day to day we are also trying to get new MOUs with top companies. So that we can serve the patients and generate more income to our institution.



VII. DEPARTMENTAL INFORMATION



1.0 DEPARTMENT OF ANAESTHESIOLOGY

Professor & Head

Dr Aloka Samantaray

Faculty

Dr P. Janaki Subhadra
Dr N. Hemanth
Dr P. Hemalatha
Dr M. Madhusudhan

Dr S.Shameem
Dr R. Sree Devi
Dr Sunil.N
Dr I.Srikanth

Dr C.Sumadhu
Dr M.Brunda
Dr D. Murali Krishna
Dr K.V.L. Sanjana

Senior Residents

Dr Yamini
Dr Hajira
Dr P.Anumpama

Dr Priyanka
Dr C.Niveditha
Dr Madhuri

Dr Manjusree
Dr V.Mounika
Dr N.Vasundara

Tutor cum PG (MD) Junior Residents

Dr Bharath Kumar.S
Dr N.Praveen Kumar
Dr M.Uday Suraj
Dr A.Kushwanth
Dr MD.Aamir
Dr Kesava Kumar.B
Dr Keerthana.R
Dr Harish Naik
Dr K.Rasool

Dr G.Bhargavi Sai Ramya
Dr M.Sireesha
Dr C.Sneha
Dr A.Ramesh
Dr Karthik.E.V.N
Dr B.Anusha
Dr M.Sowjanya
Dr M.Rajendra Prasad
Dr K.Suchitra

Dr M.S.Rupika
Dr K.Mani Kumar
Dr R.Mounika
Dr Yaddala Bhavana
Dr K.S.Jaisakthivel
Dr J.Prabhanda
Dr D.Bhavana
Dr P.N.Meghana

1. Awards, achievements and felicitations

1. Dr Aloka Samantaray, Professor&HOD was elected to serve as Associate Member of the **International Liaison Committee on Resuscitation** (ILCOR) Basic Life Support Task Force for the term beginning 1stJanuary 2024.
2. Dr M.Uday Suraj, MD Resident was awarded “*Best Poster Award*” for the poster titled “National Airway Management” at AIIMS Mangalagiri, during 11-12March, 2023.
3. Dr M.Uday Suraj, MD Resident was awarded *2nd Prize* for Quiz competition conducted as a part of

ISACON AP 2023 held at Visakhapatnam during 7-8 October 2023.

4. Dr M.Uday Suraj, MD Resident was awarded *1st Prize* for Quiz competition conducted as a part of CME on Gastro Critical Care held at Tirupati on 5th November 2023.
5. Mr.M.Sukumar, B.Sc Anaesthesiology was awarded *1st Prize* for open Quiz completion conducted as a part of 1st National Anaesthesia Technicians conference at Vellore, during 14-15 July, 2023.

1.2 Research work

Ongoing thesis work

1. **Keerthana Ravi**. Ultrasound guided midhumeral block versus local anaesthetic infiltration for creation of radiocephalic arteriovenous fistula hemodialysis in CKD patients: A prospective randomized comparative study (MD Thesis).
2. **Harish Naik S**. The effect of addition of oral zinc placebo to lignocaine instillation in reducing the postoperative sore throat after general endotracheal anaesthesia: A prospective randomized double blind study (MD Thesis).
3. **Praveen Kumar N**. Effect of perioperative intravenous vitamin B12 on chronic post surgical pain after modified radical mastectomy: A prospective randomized double blind control study (MD Thesis).
4. **Bharth Kumar S**. Evaluation of prognostic performance of diastolic shock index as a predictor of mortality in patients undergoing emergency, non – trauma, non – cardiac surgeries: A prospective observational study (MD Thesis).
5. **MD Aamir**. Effects of single bolus dose of morphine versus dexmedetomidine infusion on quality of extubation: A prospective, randomized, double – blind study (MD Thesis).
6. **Kushwant A**. Attenuation of haemodynamic effects to intubation and pneumoperitoneum in patients receiving two different doses of dexmedetomidine with addition of melatonin to the lower dosage group during laparoscopic cholecystectomy – A prospective randomized double blind trial (MD Thesis).
7. **Uday Suraj M**. Clinical efficacy and safety of intrathecal anaesthesia for percutaneous nephrolithotomy – A prospective observational study (MD Thesis).
8. **Kesava Kumar B**. To compare the efficacy of two doses of cisatracurium for endotracheal intubation during rapid sequence induction of anaesthesia: A prospective randomized double blind study (MD Thesis).
9. **Bhargavi Sai Ramya G**. Comparison of sitting and lateral decubitus position for case of spinal needle insertion during lumbar intrathecal anaesthesia: A prospective randomized study (MD Thesis).
10. **Sireesha M**. Comparison of ease of nasogastric intubation with or without application of Reverse Sellick's manoeuvre using a cold nasogastric tube in anaesthetized, intubated adult patients. A prospective, randomized, open label, parallel assignment study (MD Thesis).
11. **Sneha C**. Comparison of prophylactic equipotent norepinephrine and phenylephrine infusion for the treatment of post spinal anaesthesia induced hypotension – a prospective double-blinded randomized controlled clinical trial (MD Thesis).
12. **Ramesh A**. Comparative study of intravenous bolus of dexmedetomidine or magnesium sulphate on haemodynamic response to carboperitonium – A prospective randomized double blind study (MD Thesis).
13. **Karthik EVN**. Comparison of haemodynamic effects of propofol and ketofol as induction agents in patients undergoing discectomy surgeries under general anaesthesia – A prospective randomized double blind study (MD Thesis).
14. **Anusha B**. Effectiveness of preinduction ketamine versus magnesium sulphate nebulization on the

incidence of sore throat after general endotracheal anaesthesia: A prospective randomized double blind comparative study (MD Thesis).

15. **Sowjanya M.** The impact of Preoperative Fasting Duration on the incidence of spinal anaesthesia-induced hypotension among adult patients scheduled for elective surgery: A prospective observational study (MD Thesis).
16. **Rajendra Prasad M.** Comparison of dexmedetomidine with magnesium sulphate as an additional adjuvant to intrathecal bupivacaine and morphine combination for post operative analgesia in patients undergoing major abdominal surgeries – A prospective, randomized, double blind study (MD Thesis).
17. **Shaik Khaja Rasool.** Comparison of the efficacy of pretreatment of vein with plain intravenous lignocaine before propofol with that of premixed solution of lignocaine and propofol to decrease pain on injection during propofol induction of anaesthesia: a prospective, randomized double blind study (MD Thesis).

1.3 Conferences attended, lectures delivered

Dr Alok Samantaray, attended the following conferences as invited speaker.

1. Preoperative optimization of COPD patients at SZ ISACON 2023, Mysore CME on 11th August 2023.
2. Anaesthetic management of Eisenmenger syndrome at EZ ISACON 223,berhampur Odisha on 9th October 2023.
3. Perioperative management of Intracoronary stent for Non Cardiac Surgery at 32nd ISACON AP 2023 at Visakhapatnam on 7th October 2023.

4. PG IMPACT 2023 at Visakhapatnam .Preoperative Assessment of Lung Resection on 1stApril 2023.

Dr Shameem.S, Associate Professor attended the following

1. Dr Shameem S, attended a Institutional CME of Dept.of Anaesthesiology, Dept. of Cardiology and CT Surgery jointly organized and delivered a lecture on “**Pre operative pulmonary risk stratification for lung surgery**” held at SVIMS on 2nd September 2023 .

Dr R.Sri Devi, Assistant Professor attended the following

1. ISAAPCON 2023, and delivered a lecture on “Reversal of anticoagulants in patients coming for emergency surgery” at Vizag during 6-8 October 2023.
2. Cadaveric Hands on workshop by ISMPM, at M.S Ramaiah Advanced Learning Center Bangalore during 10-11th June 2023.
3. International Conference on Musculoskeletal Ultrasound in Pain Medicine ICMU at Bangalore during 31st March -01st April, 2023.
4. 3 month online Aesculap academy daradia fellowship in Musculoskeletal Ultrasound in Pain medicine.
5. I attended courses in biostatistics at the Resource and Training Center, CMC Vellore.
 - a. Research Database Development and Management using REDCap software during 16-17 October, 2023.
 - b. Statistical Computing using “R” Software during 18-19 October, 2023

Annual Report 2023

- c. Sample Size Calculation on 20th October, 2023.

1.4 Presentations by postgraduate students

Postgraduate students pursuing MD (Anaesthesiology) presented the following posters & Papers at:

ISACON - Conference 2023 during 30th September - 1st October 2023 at Puducherry.

1. Dr Aamir. Anesthetic Management of a 12-year-old with congenital methemoglobinemia with chronic calcified pancreatitis posted for lateral pancreaticojejunostomy (lpj) under ga. poster presentation.
2. Dr Keerthana. Anaesthetic management and the impact of Intraoperative Transesophageal Echocardiography (TEE) during Aortic Valve Repair in a patient with Bicuspid Aortic Valve with severe Aortic Regurgitation. Poster presentation

ISACON AP - 2023 Conference-2023 during 7-8 October 2023 at Visakhapatnam

1. S. Bharath Kumar: Paper Presentation: Evaluation of prognostic performance of diastolic shock index as a predictor of mortality in patients undergoing emergency, non-trauma, non-cardiac surgeries: A prospective observational study.
2. M.Uday Suraj: Paper Presentation: Clinical efficacy and safety of intrathecal anaesthesia for percutaneous lithotomy - A prospective observational study.

National Airway Management Course during 11-12 March 2023 at AIIMS Mangalagiri.

1. M.Uday Suraj: Poster Presentation: Anaesthetic management in a child with cystic hygroma.

2. Dr Bharath : Poster Presentation : Anticipated difficult airway management in deep neck infections.

Dr Rajendra Prasad, Junior Resident attended the following

1. 40th Conference “International Conference on Disorders and – Role of Primary Care Physicians during 26th November, 2023 at S.V. Medical College, Tirupati.
2. ISCCM, Tirupati, CME on SEPSIS & multidisciplinary Approach during 27th August, 2023 at Tirupati.
3. ISCCM, Tirupati, CME on Gastro Critical Care during 05th November, 2023 at Tirupati.
4. CME Accreditation certificate Pharma Covigilance and Medication Safety held on 08th December, 2023 at Sri Padamavathi Medical College for Women at Tirupati.

1.5 Publications

Publications in indexed journals

1. Parathasarathy S, Samantaray A, Jain D. A well-formulated research question: The foundation stone of good research. Indian J Anaesth 2023;67:326-327.

1.6 CMEs/Seminars/Workshops/Orations conducted by the dept

1. CME conducted by Dept.of Cardiology, Dept.of CTVS and Anaesthesiology on 02nd September, 2023.

2.0 DEPARTMENT OF ANATOMY

Professor & HOD

Dr C. Sreekanth

Faculty

Dr J. Vasudeva Reddy

Dr K. Prathiba

Dr D. Srivani

Dr U.Sunil Kumar

Tutor cum PG (MD) Junior Resident

Dr Balaji Krishnaveni

Tutors

Dr M. K. Lalitha Kumari

Dr D. Kishore Naick

Dr K. Thyagaraju

Dr C. Venkataramana

2.1 Awards, Achievements and Felicitation

1. Felicitation of **Dr J.Vasudeva Reddy, Professor** –on the Occasion of Teachers day at Sri Padmavathi Auditorium SVIMS on 5th September 2023.

2.2 Research work

Ongoing thesis work

1. **Balaji Krishnaveni**. Morphometric study of ventricular system of human brain by computed tomography in population of Rayalaseema Region (MD Thesis)

2.3 Conferences attended, lectures delivered

International

1. **Dr C.Sreekanth, Professor & HOD, Dr K.Prathiba, Associate Professor, Dr D.Srivani, Assistant Professor** participated as delegate in BMSseCON, 2023 4th International E-Conference on Beyond boundaries Exploring excellence in Basic Medical Sciences” organized by Departments of Anatomy, Biochemistry, Physiology and centre for Biomedical research AVMCH, Puducherry, India during 13-15 December 2023.

National:

1. **Dr M.K.Lalitha Kumari**, Tutor - Participated in “Health development dialogue” webinar jointly organised by Hedal Health data lab and IMA junior Doctor’s Network at Tamilnadu on 8th January 2023.
2. **Dr M.K.Lalitha Kumari**, Tutor - Participated in virtual webinar on Acute osteomyelitis held by CBS-the health sciences publishers on 11th February 2023.
3. **Dr D.Srivani, Assistant Professor** - Participated in virtual webinar on “Nerves of Upper Limb” held by CBS-the health sciences publishers on 25th March 2023.
4. **Dr M.K.Lalitha Kumari**, Tutor - Attended webinar entitled “chromosomal disorders” organised by panpharmacon student club, department of Pharmacology and faculty of pharmacy MS RAMAIAH University of Applied Sciences Bengaluru on 27th February 2023.
5. **D.KishoreNaick, Tutor**- As CPR instructor conducted community CPR training programme for the staff from various departments, TTD, Tirumala Venue Aswini hospital, Tirumala from 31st March 2023 to 1st April 2023.

Annual Report 2023

6. **D.KishoreNaick, Tutor** - Conducted BLS course for 2017-18 interns scheduled at SVIMS AHA ITC on 4th April 2023 and during 20-23 December 2023.
7. **Dr M.K.Lalitha Kumari, Tutor** - Participated in the virtual webinar on :Recent updates in MIYCAN (maternal, infant, young child and adolescent Nutrition) held by All India institute of Medical sciences, Patna on 10th March 2023
8. **Dr K. Prathiba, Associate Professor** - Delivered a lecture on awareness on POSH Act on the occasion of International Womens day celebrations, in Sri Padmavathi Auditorium, SVIMS on 17th March, 2023
9. **Dr B.Krishnaveni, 1st year Post graduate** - Participated in 1st Hands of Workshop on vascular anastomosis conducted at SVMS-SPMCW, Tirupati on 9th April 2023.
10. **Dr D.Srivani, Assistant Professor**-Given Interview on body donation awareness in Arogya Sopanam programme in SV Bhakti channel on 26th June 2023.
11. **Dr M.K.Lalitha Kumari, Tutor** - Participated in virtual webinar on “Book release by author and the insight into art of teaching Biochemistry to health care students” by CBS-The health sciences publishers on 29th July 2023.
12. **Dr B.Krishnaveni, Post graduate** - “Foetal Autopsy – hands on Training” department of Anatomy, Mamata Academes of Medical Sciences, Hyderabad on 6th July 2023.
13. **Dr B.Krishnaveni, Post graduate** - Attended as delegate for 20th RSA meet 2023 CME in Mamata Academy of Medical Sciences, Hyderabad during 7-8 July 2023.
14. **Dr K. Prathiba, Associate Professor - Delivered a lecture** on “Standard operating procedure (SOP) for handling grievance and redressal by Disciplinary & Grievance committee, SVIMS in Sri Padmavathi Auditorium SVIMS as a part of NABH on 8th November 2023.
15. **Dr D.Srivani, Assistant Professor** -Participated in virtual webinar on the topic of Data Analysis made easy with Jamovi software held by Department of Community Medicine and Family Medicine, AIIMS Patna during 29-30 December 2023.
16. **Dr D.Srivani, Assistant Professor** - Participated in virtual webinar on sample size calculation made easy held by Department of Community Medicine AIIMS Patna on 14th November 2023.
17. **Dr J.Vasudeva Reddy, Professor– Delivered a lecture** on “Blood supply of Heart & Applied aspects” at XXXVII Annual convention of Indian Association of Veterinary Anatomists & National symposium organized by Srivenkateswara Veterinary University , Tirupati on 5th December 2023.

2.4 Publications

1. Sujatha M, NishaParveenCB, Nageswara Rao G, Sunil Kumar U, Sunil Kumar U. Myocardial bridges: An Ultra Structural Study. J Cardiovascular Disease Res 2023;14:2. ISSN:0975 -3583,0976-2833.
2. Sujatha M, Sunil Kumar U, NishaParveen CB, Charitha GN, Vikas N. A Morphological Study of Adult Humerus. J Cardiovascular Disease Res 2023;14:2. ISSN:0975 -3583,0976-2833.
3. Prathiba K, Sreekanth C, Srivani D, Vasudeva Reddy J. A Morphometric Study Of Upper End Of Tibia In The Region of Andhra Pradesh” IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) (under process)

2.5 CMEs/Seminars/Workshops/Orations conducted by the dept.

1. **A CME-** on “ABDOMINAL TRAUMA” was jointly organised by Depts. of Anatomy, Surgical Gastroenterology, General Surgery and Forensic Medicine at SVIMS on 14th October 2023.

- Dr J.Vasudeva Reddy, Professor – Delivered a lecture** on Basics of Vascular Anatomy in “1st Hands on Vascular Anastomosis Workshop” Organized by Department of Cardiothoracic and vascular surgery on 9th April 2023.
- Dr D.Srivani, Assistant Professor – Demonstrated** Vascular Anatomy and surface marking of Upper Limb & Lower Limb vessels on cadaver, at “1st Hands on Vascular Anastomosis” Workshop Organized by Department of Cardiothoracic and vascular surgery on 9th April 2023.
- Dr J.Vasudeva Reddy, Professor – Delivered a lecture on** “Overview of Abdominal regions, Peritoneal reflections and applied aspects of injury to Liver & Spleen” at CME on “ABDOMINAL TRAUMA” was jointly organised by Depts. of Anatomy, Surgical Gastroenterology, General Surgery and Forensic Medicine at SVIMS on 14th October, 2023.

2.6 CMEs/Seminars/Workshops attended

- D.Kishore Naick, Tutor -** Participated as Delegate in: CME on Artificial intelligence. An emerging trend in Medical Science” organized by Department of Anatomy, AIIMS, BILASPUR(HP) on 29th March 2023.
- Dr J.Vasudeva Reddy, Professor, Dr K. Praathiba, Associate Professor Dr D.Srivani, Assistant Professor, Dr B.Krishnaveni, PG-** Attended “1st Hands on Vascular Anastomosis Workshop” Organized by Department of Cardiothoracic and vascular surgery on 9th April 2023.

- D.KishoreNaick, Tutor-** Participated as Delegate in Virtual International webinar ERASE-2023 on the theme “Educational Research in Anatomical Sciences Education held by SRMC & RI on August 3rd 2023.
- Dr K.Prathiba, Associate Professor, Dr D.Srivani, Assistant Professor, Dr M.K.Lalitha Kumari, Tutor Mr.K.Thyagaraju, Tutor, Mr.C.Venkataramana, Tutor, Mr.D.KishoreNaick, Tutor, Dr B.Krishnaveni, PG,** attended CME on “ABDOMINAL TRAUMA” organised by Departments. of Anatomy, Surgical Gastroenterology, General Surgery and Forensic Medicine at SVIMS on 14th October, 2023

2.7 Other academic activities of significance

- Dr K.Prathiba, Associate Professor –** Attended one day awareness programme on “Gender and the Sexual Harassment of women in workplace (prevention, prohibition and redressal) POSH Act 2013” conducted by Director, SVETA, TTD on 3rd February, 2023.
- Dr K.Prathiba, Associate Professor, Dr D.Srivani Assistant Professor -** Participated in survey on Utility of Basic course in Biomedical Research among course completed participants conducted by NPTEL on 25th December, 2023

3.0 DEPARTMENT OF BIOCHEMISTRY

Professor & HoD

Dr Aparna R. Bitla

Faculty

Dr M.M. Suchitra

Dr N. Harini Devi

Dr V.Sri Devi Kiranmayi

Dr M. Kusuma Kumari

Dr T. Silpa

Senior Resident

Dr Mohammed Arslan

Tutor cum PG (MD) Junior Residents

Dr Zaheer Ahmed

Dr P.Kiranmayi

Research Scholars

Mr. P. Sreekanth

3. 1 Awards, achievements and felicitations

1. **Dr Aparna R. Bitla**, Professor received the State Teachers award under “Medical category” on the eve of Teachers day at Vishakhapatnam on 5th September 2023.
2. **Dr Aparna R. Bitla**, Professor was felicitated on the eve of Women’s day at S.V. University on 8th March 2023.
3. **Dr M.M. Suchitra**, Professor, Dept of Biochemistry, is working as a corresponding member of the Task Force on Outcome Studies in Laboratory Medicine (TF-OSLM) of the International Federation of Clinical Chemistry and Laboratory Medicine (IFCC).
4. **Dr M.M. Suchitra**, Professor, Dept of Biochemistry, is South zone representative for the Association of Medical Biochemists of India.

3.2 Fellowships Received

1. **Dr M.M. Suchitra**, Professor, Dept of Biochemistry National: Awarded “Fellowship” by Association of Medical Biochemists of India on

14th December 2023 in the 30th Annual National Conference of Association of Medical Biochemists of India conducted from 14th to 16th December 2023 held at Navi Mumbai.

3.3 Research Projects

Completed Projects:

1. **Principal Investigator:** Dr T. Silpa
Title: “Evaluation of the effectiveness of Biochemistry laboratory critical result notification protocol at a tertiary care hospital” during 2021-2023, (2 years)

Ongoing Projects:

1. **Principal Investigator:** Dr Aparna R Bitla, **Title:** “Effect of rosuvastatin on the anti-atherogenic effect of high density lipoprotein in pre and post menopausal women with type 2 diabetes mellitus” granted financial grant for research work under SBAVP scheme for **Dr Aparna R. Bitla** (Grant letter dated 02.05.19 (Roc.No.AS/14/SBAVP / SVIMS/2017 e-computer no.208389).

2. **Principal investigator:** Dr N.Lakshmana, **Title:** “Role of endoplasmic reticulum stress in the pathogenesis of Mucormycosis associated with COVID-19.

Ongoing projects in collaboration with other departments:

1. **Principal investigator:** Dr VV Ramesh Chandra, **Co-investigators:** Dr Aparna Bitla **Title:** “A Study To Correlate The Microsurgical Anatomy Of Intracranial Aneurysms With Highly Sensitive –C Reactive Protein And Serum Homocysteine Levels”.
2. **Dr Harini Devi** as Guide for project of **Ms. Sivapriya Pera** titled “Comparative assessment of cardio metabolic risk factors in pre and post-menopausal women”.
3. **Principal investigator:** Dr VV Ramesh Chandra, **Co-investigator:** Dr Silpa T, **Title:** “A study of Highly sensitive-C Reactive protein and serum Homocysteine levels in patients with intracranial Aneurysm patients”.

3.4. Research Work

Theses submitted:

1. **Zaheer Ahmed.** Association of screening markers of ovarian cancer risk with glycemic control in patients with type 2 diabetes mellitus. (MD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.

Ongoing thesis work

1. **Kiranmayi P.** Study of biochemical markers of renal function in individuals with subclinical hypothyroidism (MD Thesis).
2. **Sreekanth P.** Association between maternal vitamin D status and adverse pregnancy outcomes among south Indian pregnant women (Phd Thesis).

Thesis work carried out in the collaboration with other departments:

Thesis submitted:

Dr Aparna R. Bitla was Co-guide for the following thesis:

1. **Hruday Mohan Y.** Correlation of inflammatory markers with angiographic disease severity in acute coronary syndrome (DM Cardiology).

Dr N. Harini Devi was Co-guide for the following thesis:

1. **Prasannakumar N.** Assessment of oxidative stress, inflammation and urinary podocalyxin in patients of active lupus nephritis (DM Nephrology).

Dr N.V.S.Kiranmayi was Co-guide for the following thesis:

1. **Poojitha K.** The Effect of Heartfulness meditation on vital parameters and Biomarkers of stress in young healthy female students (PhD Physiology).
2. **Haripriya M.** Effect of heartfulness meditation practices on oxidative stress markers in patients with coronary artery disease (PhD Physiology).
3. **Mathini.** Assessment of nutrition, adipocytokines, insulin resistance, oxidative stress, inflammation, endothelial dysfunction and cardiovascular risk in non diabetic CKD patients on chronic peritoneal dialysis (DM Nephrology).
4. **Rajashankar Varma G** Risk factor analysis and angiographic profile in young patients with coronary artery disease (DM Cardiology).

Dr M. Kusuma Kumari was Co-guide for the following thesis :

1. **Keerthana M.** Title: Glycemic variability among patients with Type 1 Diabetes Mellitus (DM Endocrinology). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.

Ongoing thesis work:

Dr Aparna R. Bitla is co-guide for the thesis:

1. **SuryaPrakash T.** Study of oxidative stress, inflammation, lipid abnormalities, insulin resistance in ADPKD patients (DM Nephrology).
2. **Jeeja JJ.** Study of oxidative stress and inflammation in preeclampsia (DM Nephrology).
3. **NameshKamat.** Study of perirenal and epicardial fat thickness, oxidative stress, inflammation, metabolic risk in predialysis CKD patients-Diabetic and non-diabetic (DM Nephrology).
4. **Sakthivel V.** A study of lower limb peripheral arterial disease in diabetic chronic kidney disease patients(DM Nephrology).
5. **Naveen KumarM.** A study on serum homocysteine levels in chronic kidney disease patients presenting to emergency medicine department (MD Emergency Medicine).
6. **Ashik Mohammed.** A study on serum magnesium among patients presenting to emergency medicine department with acute ST- elevation myocardial infarction (MD Emergency Medicine).
7. **Vardhan Reddy Gadikota C.** Clinical profile of patients admitted with hypertensive crisis at the emergency medicine department at the tertiary care center (MD Emergency Medicine).
8. **Siddarth N.** Clinical presentation, utility of image-guided pleural biopsy in aetiological diagnosis of patients presenting with unilateral pleural effusion (MD Medicine).

Dr M.M.Suchitra was co-guide for the thesis of:

1. Risk factors for cardiovascular disease in a rural community - a cross sectional study. (MD Community Medicine).
2. Comparison of the Efficacy of Low Level Laser Therapy Versus Ultrasound Therapy on Pericranial Myofascial Trigger Points in Subjects with Chronic Tension Headache(PhD).

3. Novel subgroups of adult onset type 2 diabetes in South Indian population (DM Endocrinology).
4. To determine the performance of the osteoporosis self assessment tool for Asians (OSTA) score as a screening tool for osteoporosis among the postmenopausal women (DM Endocrinology).
5. Effect of frequent blood glucose monitoring on long term glycemic control in type 1 diabetes mellitus (DM Endocrinology).
6. Outcomes of interrupted versus continuous suturing technique in patients undergoing Hepaticojejunostomy: a randomised controlled trial. (MCh Surgical Gastroenterology)

Dr N.Harini Devi is co-guide for the thesis of:

1. **Kushal G.** Clinical and laboratory profile of type 2 diabetes mellitus patients with asymptomatic bacteriuria(MD Medicine).
2. **Narra Shasank.** Study of association between prolonged corrected QT interval (QTc) and outcomes in patients admitted to a medical intensive care unit(M.D. Medicine).
3. **Jagritee.** A study of assessment of oxidative stress and inflammation in primary glomerular diseases(DM Nephrology).
4. **Venkatesh Rajendra Naik.** Study of pulmonary hypertension in patients of different stages of chronic kidney disease (DM Nephrology).

Dr V.S.Kiranmayi is co-guide for the thesis of:

1. **Vijay Chandra Reddy.** Effect of heartfulness meditation practices on endothelial function and inflammation in patients with coronary artery disease (PhD Pharmacology).
2. **Kiran.** Comparison of electrolyte values measured by point of care arterial blood gas analyzer and laboratory serum autoanalyzer in patients admitted to medical intensive care unit and medicine wards (MD Medicine).

3. **Sreenivasulu P.** Study of the proportion of patients with food addiction among recently diagnosed type 2 diabetes mellitus patients in tertiary care teaching hospital (MD Medicine).
4. **Durga Prasad.** A study of clinical features, oxidative stress and inflammation in patients with vascular access related arteriovenous fistula malfunction, endovascular interventions, outcomes and follow up in diabetic and nondiabetic patients with chronic kidney disease on maintenance hemodialysis (DM Nephrology).
5. **ShaikShahedaHeera.** A study of oxidative stress, inflammation and metabolic impact on cardiovascular system in diabetic and non-diabetic patients of chronic kidney disease on maintenance hemodialysis and peritoneal dialysis (DM Nephrology).

Dr M.KusumaKumari is co-guide for the thesis of:

1. **Sai Ganesh S.** Red cell distribution width and serum lactate/albumin ratio as predictors of outcome in necrotizing soft tissue infection – A prospective comparative study (MD Thesis).

Dr Silpa T is co-guide for the thesis of:

1. **Prasanna Kumar V.** A study on serum metabolomics profiling for outcome prediction in severe traumatic brain injury (Neurosurgery)(MCh Thesis)

3.5 Conferences attended, lectures delivered

International:

1. **Dr M.M.Suchitra**, Professor, attended an online International workshop on “Program & Course Outcomes- Mapping & Analysis” organized by Institute of Health Professions Education, Sri Balaji Vidyapeeth, Pondicherry on 22nd January 2023.
2. **Dr N.Harini Devi**, Professor attended the 36th Conference (Virtual) “International conference on neurosciences and role of primary care physicians” organised by SVMC Alumini & IMA, Tirupati on 30th July 2023.

3. **Dr M. KusumaKumari**, Associate Professor, attended 16th International congress on pediatric laboratory medicine, organized by International Federation of Clinical Chemistry and Laboratory Medicine on 20th May, 2023.
4. **Dr Silpa T and Dr K. Mamatha** attended 35th conference “International conference on Ethical-Legal-Moral-Psychological and social responsibilities pertaining to the medical profession” with Theme: ‘To equip the medical professionals to execute the best practices’ organized by S. V. Medical College Alumni association in collaboration with IMA, Tirupati on 2nd July 2023.
5. **Dr Silpa Tand Dr K. Mamatha** Attended 32nd Conference “International conference on oncology emergencies- Role of primary care physicians” with Theme: ‘Expanding Horizons in cancer research: New approaches for cancer treatment and a win over cancer’ organized by S. V. Medical College Alumni association in collaboration with IMA, Tirupati on 30th April 2023.
6. **Dr Silpa T, Dr K. Mamatha and, Dr P. Kiranmayi** attended 30th conference “International conference on gastroenterology emergencies- Role of primary care physicians” with Theme: ‘Gastroenterology: A view through the scope’ organized by S. V. Medical College Alumni association in collaboration with IMA, Tirupati on 26th March 2023.
7. **Dr Mamatha, and Dr Kiranmayi** attended 28th conference “International Conference on Cardiac Emergencies – Role of primary care physicians” organised by S.V. Medical College Alumini Association, Tirupati on 29th January 2023.
8. **Dr Mamatha and Dr Kiranmayi** attended 29th conference “International Conference on Nephrology and Urology Emergencies – Role of primary care physicians” organised by S.V. Medical College Alumini Association, Tirupati on 26th February 2023.

Annual Report 2023

9. **Dr Mamatha and Dr Kiranmayi** attended 31st Conference “International Conference on wellbeing of the doctors – a comprehensive and interrelated aspects of medical, physical, mental and social health” organised by S.V. Medical College Alumini Association, Tirupati on 7th April 2023.
10. **Dr Mamatha**, Senior Resident, attended 33rd conference International conference on womens health care and well - being organised by S.V. Medical College Alumini Association, Tirupati on 14th May 2023.
11. **Dr Mamatha and Dr Kiranmayi** attended 34th Conference on international conference on COVID.19 Role of Primary Care Physicians” - being organised by S.V. Medical College Alumini Association, Tirupati on 28th May 2023.
12. **Dr Mamatha and Dr Kiranmayi** attended 37th Conference (virtual) “International Conference on Pediatrics and Role of Primary Care Physioians’, on 20th August 2023 “Theme: Recent Advances and trends in pediatrics” being organised by S.V. Medical College Alumini Association, Tirupati on 2nd August 2023.
13. **Dr Mamatha and Dr Kiranmayi** attended 38th conference”International Conference on Emergency Medicine and Role of Primary Care Physicians (WEBINAR) “24.09.2023- being organised by S.V. Medical College Alumini Association, Tirupati on 24th September 2023.
14. **Dr P. Kiranmayi**, PG Resident 1st year attended the 39th webinar Conference “International Conference on Endocrinology and the Role of the primary care physicians” organised by S.V.M.C Alumni Association held on 22nd October 2023.
- in Dr YSR UHS Zonal CME organized by the Dept of Biochemistry, Narayana Medical College, Nellore on 12th May 2023.
3. **Dr M.M.Suchitra**, Professor, delivered a lecture on topic “Burden of metal toxicity in India” in a one day CME and hands on workshop, for AMBI, Andhra Pradesh State Chapter, “METALLICA ‘’ organized by Dept of Biochemistry, AIIMS, Mangalagiri on 22nd July 2023.
4. **Dr M.M.Suchitra**, Professor, delivered a guest lecture on “Atherogenic indices as bio markers of cardiovascular risk” in 30th Annual National Conference of “Association of Medical Biochemists of India” organized by dept of Biochemistry, Lokmanya Tilak Municipal Medical College conducted at Navi Mumbai during 14 - 16 December 2023.
5. **Dr M. Kusuma Kumari**, Associate professor, has attended 49th ACBICON conference on Laboratory Medicine Path Ahead -Amalgamating Technology and Humanity, organized by Association of clinical biochemists of India during 14-16 September, 2023
6. **Dr Silpa T**, Associate Professor attended LEADCON 2023 of Theme: ‘A step forward to lead safe environment.’ Organized by Indian society for lead awareness & Research (InSLAR) under the aegis of WHO & NRCLPI and **Presented a paper** on “Evaluation of the effectiveness of Biochemistry laboratory critical result notification protocol at tertiary care hospital” at Tirupati during 5-6 May 2023.
7. **Dr Mohammed Arslan**, Senior Resident and **Dr Zaheer Ahmed** JR attended LEADCON 2023 of Theme: ‘A step forward to lead safe environment.’ Organized by Indian society for lead awareness & Research (InSLAR) under the aegis of WHO & NRCLPI on 5th -6th May 2023.
8. **Dr Zaheer Ahmed. S**, PG Resident 2nd year attended Pre-Conference Workshop and CME conference organized by Association of Clinical

National:

1. **Dr M.M.Suchitra**, Professor, attended virtual training session organized by CAHO on “ Risk Management in Laboratories 4th February 2023.
2. **Dr M.M.Suchitra**, Professor, delivered a lecture on “Preanalytical variation effect on the laboratory”

Biochemists of India and Believers Church Medical College Hospital (BCMCH), Thiruvalla, Kerala from 13th to 16th September 2023.

3.6 Presentations by postgraduates Students:

1. **Dr Zaheer Ahmed. S**, PG Resident 1st year participated attended CME and **presented an oral paper** titled “Association of Hypothyroidism with components of metabolic syndrome” organized by Dept of Biochemistry, Government Medical College & Hospital, Chandigarh under the aegis of Association of Medical Biochemists of India during 11-13 March 2023.
2. **Dr Zaheer Ahmed. S**, PG Resident 2nd year attended in Zonal CME titled “Clinical Chemistry, A Diagnostic Tool” and **presented** the pedagogy titled “DNA Organization”, organized by the Dept of Biochemistry, Narayana Medical College, Nellore, A.P on 12th May 2023.
3. **Dr P. Kiranmayi**, PG Resident 1st year attended the 2nd National Postgraduate Update cum CME “Virtual- Bio-Connect” and presented a paper on “Comparison of low density lipoprotein cholesterol estimation by direct method and by calculation using formulae.” Organised by Department of Biochemistry, Government Medical College and Hospital, Chandigarh under the aegis of Association of Medical Biochemists of India held during 11-13 March 2023.

3.7 Publications

Publications in indexed journals

1. Manual MB, **Medooru KK**, Yadagiri LA, Vanajakshamma V, **Bitla AR**, Rapur R, et al. Correlates of atherosclerotic vascular disease in stable postrenaltransplant patients from South India. *Indian J Transplant* 2023;17:68-73.
2. Rama K, **Bitla AR**, Hulikal N, Yootla M, Yadagiri LA, Asha T, Manickavasagam M, SrinivasaRao P. Assessment of serum microRNA-21 and miRNA-205 as diagnostic markers for stage I and II breast cancer in Indian population. *Indian J Cancer*. 2023 Jul 17. doi: 10.4103/ijc.IJC_187_20. Epub ahead of print. PMID: 38090957.
3. Jyothsna P, Suchitra MM, Kusuma Kumari M, Chandrasekhar C, Rukmangadha N, Alok S, Siddhartha Kumar B. Effect of Iron Deficiency Anemia on Glycated Albumin Levels: A Comparative Study in Nondiabetic Subjects with Iron Deficiency Anemia. *J Lab Physicians*. 2022 Oct 20;15(2):253-258. doi: 10.1055/s-0042-1757589. PMID: 37323601; PMCID: PMC10264113.
4. Nannapaneni SS, Nimmanapalli HD, Lakshmi AY, Vishnubotla SK. Markers of Oxidative Stress, Inflammation, and Endothelial Dysfunction in Diabetic and Nondiabetic Patients with Chronic Kidney Disease on Peritoneal Dialysis. *Saudi J Kidney Dis Transpl*. 2022 May-Jun;33(3):361-372. doi: 10.4103/1319-2442.385959. PMID: 37843137
5. Vulugundam SC, Kiranmayi VS, Rao PVLNS, Vishnubotla SK. Hepatocyte Growth Factor in Predialysis and Hemodialysis Chronic Kidney Disease Patients. *Saudi J Kidney Dis Transpl*. 2022 Jan-Feb;33(1):58-65. doi: 10.4103/1319-2442.367826. PMID: 36647979
6. Kunati P, Singh MS, Vanajakshamma, Sharvani N, **Kiranmayi VS**. Effect of Heartfulness Meditation on Cortisol Levels and Vital Parameters in Healthy Female Medical Students A Prospective Longitudinal Study. *Journal of clinical and diagnostic research*. 2023;17:CC05-8.
7. Koppara NK, Medooru KK, Yadagiri LA, Vishnubotla SK, Rapur R, Bitla AR. A Study of Oxidative Stress, Inflammation, and Endothelial Dysfunction in Diabetic and Nondiabetic Chronic Kidney Disease Pre-Dialysis Patients. *Indian J Nephrol*. 2023 Nov-Dec;33(6):420-425. doi: 10.4103/ijn.ijn_222_22. Epub 2023 Apr 4. PMID: 38174313; PMCID: PMC10752391.

- Hanu G, **Thota S**, Venkat K, Ramesh Chandra VV, BCM Prasad, Reddy SK, Geetanvita N, Indupriya E. Comparative study of microsurgical lumbar discectomy and percutaneous endoscopic lumbar discectomy based on clinical outcome and muscle injury markers. *J Krishna Inst Med Sci Univ* 2023; 12(3):12-19
- Srikanth T, **Thota S**, Venkat K, Ramesh Chandra VV, Prasad BCM. Comparative study of open Transforaminal Lumbar Interbody Fusion (TLIF) and Minimally Invasive Transforaminal Lumbar Interbody Fusion (MISTLIF) based on clinical outcome, radiological outcome, tissue injury markers and radiation exposure. *J Krishna Inst Med Sci Univ* 2023; 12(1):107-114

Bookchapters:

- Dr M.M.Suchitra**, Professor, Dept of Biochemistry, has contributed a chapter titled “Atherogenic indices as biomarkers of cardiovascular risk in obesity” in text book - *New Advances in Medicine and Medical Science*.
- Dr M.M.Suchitra**, Professor, Dept of Biochemistry, has contributed a chapter titled “Lipid ratios and atherogenic index as surrogate biomarkers of subclinical atherosclerosis in patients with type 2 diabetes mellitus” in text book - *Futuristic Trends in Medical Sciences*.
- Dr M.M.Suchitra**, Professor, Dept of Biochemistry, has contributed a chapter titled “Iron deficiency anemia affect glycated albumin and glycated hemoglobin levels in non-diabetic adults” in text book - *Current Innovations in Disease and Health Research*.
- Dr M.M. Suchitra** Editor of Book “Futuristic trends in Medical Sciences” of Iterative International Publishers

Accepted for Publications

- Silpa T, Bitla A**. Evaluation of the Effectiveness of Critical Result Notification Protocol of Biochemistry Laboratory at a Tertiary Care

Hospital. *Journal of Laboratory Physicians*
Accepted: 22 August 2023. Ahead of print.

- Koppara NK, **Medooru KK**, Yadagiri LA, Vishnubotla SK, Rapur R, **Bitla AR**. A study of oxidative stress, inflammation, and endothelial dysfunction in diabetic and nondiabetic chronic kidney disease pre-dialysis patients. *Indian J Nephrol* XX; XX:XX.
- Poonam Agarwal, **Harini D. Nimmanapalli***, Lakshmi AY, Vijayalakshmi B, Rajasekhar D2, Srinivasa Rao, Siva Kumar V. Cardiovascular risk assessment with the help of imaging modalities (abdominal aortic calcification scoring, carotid intima media thickness, cardiac valvular calcifications) in patients with advanced chronic kidney disease. *J NTR Univ Health Sci* 2022;XX:XX-XX.
- Lakshmana N, **Harini Devi N**, Bitla AR, Sachan A, Sivakumar V, Srinivasa Rao PVLN. Evaluation of four novel biomarkers for diagnosis of normoalbuminuric diabetic nephropathy in south Indian population. Accepted for publication in *Saudi Journal of Kidney Disease and Transplantation*.
- Veena Sree K, Varshitha K, Praneetha VR, Palei NN, **Kiranmayi VS**, Shivanandh B, et al. A Cross-Sectional Study of Uremic Pruritus, Anxiety, Depression and Quality of Sleep in Patients of Predialysis, Dialysis and Post-Transplant Stages of Diabetic and Non-diabetic Chronic Kidney Disease in A Tertiary Care Centre. (*Saudi Journal of Kidney Diseases and Transplantation*).

Papers under review:

- Dr V. S. Kiranmayi**, Professor Title: Impact of Heartfulness Meditation on improving antioxidant status and lipid profile in Patients with Coronary artery disease. (*Indian Journal of Clinical Cardiology*).

3.8 CMEs/Seminars/Workshops/Orations Conducted by the Dept.

1. A CME on “Metabolic remodeling in pregnancy” was jointly organized by Departments of Biochemistry, Pharmacology and Endocrinology at Sri Venkateswara Institute of Medical Sciences, Tirupati on 4th February 2023.

3.9 CMEs / seminars/workshops attended

Dr Aparna R. Bitla, Dr N. Harini Devi, Dr Silpa T, Dr MdArslan, Dr Zaheer Ahmed and P. Kiranmayi, attended and **Dr Silpa T**, presented a lecture on “Biochemical test changes in pregnancy”, during Joint CME organized by Departments of Biochemistry, Endocrinology and Pharmacology on the topic “Metabolic remodelling in pregnancy” on 4th February 2023.

Dr Aparna R. Bitla, attended the webinar on

1. “Challenges of digital technologies and artificial intelligence in laboratory medicine” 27th July, 2023 organized by IFCC.
2. “Laboratory medicine - a critical role for patients in disease diagnosis and monitoring” 13th September 2023 organized by IFCC.
3. “Minds Together” Sysmex Knowledge Congregation – Heart, Kidney & Diabetes (HKD)” on 18th August 2023.

Dr M.M. Suchitra, and Dr Silpa T. attended a one day CME and hands on workshop, for Andhra Pradesh State Chapter, “METALLICA ‘’ organized by Dept of Biochemistry, AIIMS, Mangalagiri, under aegis of AMBI on 22nd July 2023.

Dr N. Harini Devi, Dr Silpa T and Dr P. Kiranmayi attended CME on “Unveiling the Secrets of Fetal Genetics” on 16th August 2023 as a Faculty/delegate organized by Dept of Biochemistry at Govt. Kilpauk Medical College & Hospital, Chennai-600100

Dr M. Kusuma Kumari, has attended

1. Workshop on Single cell genomics and digital droplet PCR, organized by AIIMS Bibinagar during 24-25 March, 2023
2. One week online workshop on statistical data analysis using R, organized by Science Tech Institute, Lucknow during 21-27 April 2023.
3. Online workshop on Modelling and simulations of Biological processes, organized by NPTEL and IIT Madras during 27-28 May, 2023.
4. International Hybrid CME on Genetics in pediatrics and oncology, organized by AIIMS Madurai on 17th June, 2023.
5. Workshop on Proteomics and medical applications, organized by Rajiv Gandhi centre for Biotechnology, Thiruvanthapuram on 13th September, 2023.

Dr Silpa T and Dr P. Kiranmayi Participated in the CME on “Unveiling the secrets of fetal Genetics” organised by Department of Biochemistry at Govt. Kilpauk Medical College and Hospital, Chennai on 16th August 2023

Dr Silpa T and Dr Mohammed Arslan, participated in the 6th Annual Hands-on training on virus diagnostics methods conducted by SVIMS- State level virus research and diagnostic laboratory (VRDL), Dept of clinical virology during 17-18 November 2023

Dr P. Kiranmayi, PG Resident 1st year attended the “CME on laboratory errors” on 30th June 2023.

3.10 Other academic activities of significance

Dr Aparna R. Bitla, Professor & HoD, attended

1. Training program on “Gender and the Sexual harassment of women in work place (Prevention, Prohibition and Redressal) POSH Act-2013” organized by SVETA TTD on 3rd February 2023.
2. As external expert for the faculty selection committee in the speciality of Biochemistry at NIMS Hyderabad on 20th July 2023.

Annual Report 2023

3. External examiner for MD(Biochemistry) practical examination at Kasturba Medical College (KMC), Manipal during 11- 12 July 2023.
4. External examiner for I MBBS Biochemistry practical examination at Government Vellore Medical College, Vellore during 5-6 December 2023.
5. Evaluated the PhD synopsis and thesis of Dr Susana T.Y. titled, "Genetic analysis of apoptosis inhibitor candidate gene BIRC5 and its expressed protein level in patients with oral squamous cell carcinoma in rural population" at Sri Devaraj Urs Academy of Higher Education and Research Tamaka. Kolar, Karnataka.
6. Training program on "Noting and drafting skills" organized by SVETA TTD during 30-31 August 2023.
7. CAHO Masterclass Series 6 (Sustainability in Healthcare) organized by CAHO. Series of 12 sessions which started on 28th October, 2023-ongoing (9 sessions completed)

All Topics:

- Topic 1 - Introduction to Sustainability in Healthcare - Material Issues related to healthcare - Process of Stakeholder engagement, materiality Matrix, Sustainability Strategy, action plan
- Topic 2 - Sustainability in Healthcare - Global and Indian Scenario, Road map toward ESG, Various Frameworks, Standards, Sustainable financing, Certifications supporting Sustainability
- Topic 3 - ESG Risk Mapping for Healthcare, Relevance of Climate Risk & Action plan, role of GHG & Net Zero Road Map
- Topic 4 - Energy & Resource Efficiency in Healthcare and opportunities
- Topic 5 - Water management - Rain water harvesting, specific water consumption, Waste water treatment, micro pollutants and their role/solutions

- Topic 6 - Waste, LCA, Concept of Circular Economy as it applies to Healthcare Industry
- Topic 7 - Social- Employment, Labour and Human Rights Understanding risks for incidents of Child Labour, Forced/Compulsory Labour at Operations and suppliers Social responsibility culture, Wellness, OHS, Patient Safety
- Topic 8 - Social-Ethics and Fair Operating Practices, Diversity and Equal Opportunity, Non-discrimination & Freedom of Association and Collective Bargaining, CSR
- Topic 9 - Biodiversity Conservation / Endangered species and Protection of flora and fauna in accordance with International frameworks
- Topic 10 - Governance- Ethics - Anti Bribery, anti corruption, anti competitive behaviour
- Topic 11 - Governance- Data privacy & Information Security
- Topic 12 - Sustainable Procurement in Healthcare

Dr Aparna R.Bitla, Dr N. Harini Devi, Dr Silpa T and Dr Mohammed Arslan, attended the certification course program for "ISO 15189:2022 International Lead Auditors & Management System Requirements" during 12-15 June 2023.

Dr M.M.Suchitra, Dr V. S. Kiranmayi, Dr M. Kusuma Kumari and Dr Zaheer Ahmed, attended a 4 day onsite training program conducted by Foundation for Quality India on International Lead auditors certificate Program and Laboratory Management system requirements from 29th May to 1st June 2023 at SVIMS.

Dr M.M.Suchitra, Professor, attended as

1. External examiner for Ist MBBS examination held at Mysore Medical College, Mysuru during 24-26 February 2023.
2. NABL Quality manager arranged for a virtual training session for lab personnel on "Risk

- Management in Laboratories” on 4th February 2023 at SVIMS, Tirupati.
3. Reviewed three manuscripts for the Journal “Diabetology & Metabolic Syndrome”.
 4. Reviewed a manuscript for the “International Journal of Research in Medical Sciences”.
 5. External examiner for Ist MBBS examination held at JJM Medical College, Davanagere from 27th February to 1st March 2023.
 6. External examiner for MD Biochemistry examination held at NIZAM’S Institute of Medical Sciences, Hyderabad during 14-17 June 2023.
 7. Co- investigator for a project “Workshop/Training in Bioinformatics: Two days National Seminar on Bioinformatics, two days Hands on training programme on Bioinformatics” under DBT scheme.
 8. External examiner for MD Biochemistry examination held at Madras Medical College, Chennai during 25-26 July 2023.
 9. Observer for Basic Course in Medical Education at CMC, Vellore on 20th September 2023 as part of mandatory one day observership for Advanced course in Medical Education.
 10. Phase I MBBS Biochemistry question paper setter for RGUHS, Karnataka.

Dr N. Harini Devi attended webinar “Hemoglobin Variants- A Case Based Approach” organized by Department of Biochemistry, Kolar on 13.09.2023.

Dr Silpa T, Associate Professor, attended

1. Successfully completed the 2Credit SWAYAM Course on ‘National Education Policy 2020: Professional Development Programme’ by Indira Gandhi National Open University-Staff Training and Research Institute of Distance Education, Held from May 16 to 15 June, 2023 and obtained 90% marks.

2. 3 weeks online workshop on “Understanding Haematology” organised by Department of Biochemistry, Amritha School of Medicine, Faridabad from 31st July to 18th August 2023.
3. Participated in the NITRD-CTD-NTF Difficult to Treat TB Clinic conducted by the National Institute of Tuberculosis and Respiratory Disease held on 21st June 2023.
4. Participated as a Delegate in the Online Continuing Professional Development on “Hb variants & thalassemia detection” – it’s time to be proficient organized by Department of Biochemistry, ESIC Medical College and Hospital, Sanathnagar, Hyderabad on 13th May 2023.
5. External examiner for Ist MBBS examination held at Narayana Medical College, Nellore from 8th to 12th February 2023.

Dr Mohammed Arslan, attended

1. Online “AMBI Academics” Webinar organized by AMBI, Bangalore on 25th January 2023.
2. National online CME on “Laboratory Errors” organised by Department of Biochemistry, NKP Salve Institute of Medical Sciences and Research and Lata Mangeshkar Hospital, Nagpur on 30th June 2023.
3. CME titled “Let’s Decode ABG” organised by ACS Medical College and Hospital, Chennai on 3rd August 2023.
4. Zonal CME for Postgraduates “Electrophoresis - Diagnostic approach” organised by Department of Biochemistry, NRI Medical college and Hospital, Guntur on 27th August 2023.

Dr Mohammed Arslan and Dr P. Kiranmayi attended National webinar on “Hemoglobin variants – A Case Based Approach” organised by Department of Biochemistry, Sri Devaraj Urs Academy of Higher Education & Research, Kolar on 13th September 2023.

4.0 DEPARTMENT OF BIOINFORMATICS

Professor & Head

Dr A. Umamaheswari

Faculty

Dr K. Bhavya, Teaching Assistant

Ph.D. Research Scholars

Mr. Sharon Priya Alexander

Mr. Vankadoth Umakanth Naik

Mrs. Pakala Sivaranjani ICMR-SRF

Ms. Bhavya Krishnan

Mr. M. Koteswara Rao

4.1 Awards, achievements and felicitations:

1. Dr A. Umamaheswari, Professor & Head, Department of Bioinformatics received a Certificate of appreciation from Dr B.R. AMBEDKAR STUDY CIRCLE, National Sanskrit University Tirupati, for her meritorious Teaching on International Women's Day on 8th March 2023.
2. Dr A. Umamaheswari, Professor & Head, Department of Bioinformatics has been recognised by the Office of the Principal Scientific Adviser, Government of India, New Delhi and Royal Society of Chemistry among the top **75 Indian WOMEN IN CHEMISTRY**. She will be featured in the fourth edition of She Is series - **SHE IS - 75 WOMEN IN CHEMISTRY**.
3. Sharon Priya Alexander., Sivaranjani Pakala, Vankadoth Umakanth Naik., Ch. Hemantha., K. Bhavya, D. Pradhan, Pallavi Saxsena and Umamaheswari A. Development of theranostics for hormone positive breast cancer using transcriptome was presented and published in the Two Day National Conference on "Recent Advances in Microbial Technology And Allied Sciences" organized by, Dept. of Applied Microbiology, SPMVV, Tirupati, India From 15th to 16th march, 2023.
4. Bhavya Krishnan, Sai Sindhu, Sireesha k, Alladi Mohan, Usha Kalavath and Umamaheswari A.

Identification of Common Subunit vaccine Candidates for Dengue Virus was presented and published in the Two Day National seminar on "Technological Advances in biochemical Sciences : Academia to Industry (TAB)" organized by Dept. of Biochemistry, Acharya Nagarajuna Univeristy Guntur., India from 13th to 14th February, 2023.

4.2 Research projects:

Completed

1. **Principal Investigator:** Dr A. Umamaheswari, **Title:** Potential drug targets identification and inhibitor design for human breast cancer through transcriptomic analysis, **Funding agency:** Department of Science and Technology (DST), Govt. of India, New Delhi, 2017-22.
2. **Principal Investigator:** Dr A. Umamaheswari, **Title:** Design of lead roles to manage Parkinson's disease. **Funding agency:** National fellowship for schedule tribes-University grant commission (NFST-UGC), New Delhi, 2018-23.

Ongoing Research Projects

1. **Principal Investigator:** Dr A. Umamaheswari, **Title:** Identification of potential drug targets and inhibitor design against human cervical cancer through transcriptomic approaches. **Funding agency:** Indian Council of Medical Research (ICMR), New Delhi, 2021-24

2. **Principal Investigator:** Dr A. Umamaheswari, Title: Bioinformatics training and workshop. **Funding agency:** Department of Biotechnology (DBT), New Delhi, 2023-25.

4.3 Research works:

Thesis submitted

1. Sharon Priya Alexander. Potential drug targets identification and inhibitor design for human breast cancer through transcriptomic analysis (PhD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.

Ongoing PhD thesis work

1. Identification of potential drug targets and inhibitor design against human cervical cancer (PhD Thesis).
2. Design of leads to manage Parkinson's disease through transcriptomic analysis (PhD Thesis).
3. Integration of Transcriptomics and Proteomics Analysis to identify Breast cancer targets and therapeutics (PhD Thesis).
4. Drug and Vaccine design for *Canidaauris*(PhD Thesis).

4.4 Conferences lectures delivered:

Dr A. Umamaheswari, Professor and Head delivered lecture on

1. "Immuno informatics an integrated Scenario", at SV Veterinary University, Tirupati, on 12th December, 2023.
2. "Emerging Trends in Bioinformatics for Agriculture, Food and Health" at JIBB, SHUATS University, Prayagraj in collaboration with Indian Institute of Information Technology, Allahabad (IIITA) on 15-16th March 2023.
3. "Therapeutic design for HER2 enriched breast cancer using panomics" National seminar on technological advances in biochemical sciences: academia to industry (TAB-2023)" Dept. of Biochemistry, Acharya Nagarajuna Univeristy Guntur., India from 13th to 14th February, 2023.

4. "Role of Bioinformatics in drug designing", on March 13th 2023 at Sri Padmavathi Women's College, Tirupati.

4.5 Conferences participated

International:-1

National: 5

1. Sharon Priya Alexander, BhavyaK, UmakanthNaik V, Aparna Bitla and Umamaheswari A. In silico anticancer peptide design for HER2 enriched breast cancer was presented and published International Conference on "Biotech -Microcon:shaping the sustainable future" (BTMC-2023) jointly organized by, Dept.of Biotechnology Dept.of Applied Microbiology, SPMVV, Tirupati, India during 22-23 December 2023.
2. Sharon Priya Alexander., UmakanthNaik V., BhavyaK., Aparna Bitla., Pradhan D and Umamaheswari A. Identification of novel therapeutic targets for HER2 enriched breast cancer was presented and published 93rd Annual Session of National Academy of Sciences (NASI), organized by National Academy of Sciences & Bhabha Atomic Research Centre, Mumbai, India during 3-5 December 2023.
3. Sharon Priya Alexander, Sivaranjani P, UmakanthNaik V, HemanthaCH, Bhavya K., Pradhan D., PallaviSaxsena and Umamaheswari A. Development of theranostics for hormone positive breast cancer using transcriptome was presented and published Two Day National Conference on "Recent Advances in Microbial Technology And Allied Sciences" organized by Dept.of Applied Microbiology, SPMVV, Tirupati, India during 15-16 March 2023.
4. Sivaranjani P, Sudheer Kumar katari, Chiranjeevi P, Sharon Priya A, UmakanthNaik V, Vishnu Bhotla Siva Kumar and Umamaheswari A. Identification of potent antidote for hair dye poisoning through machine learning algorithms was presented and published Two Day National Seminar on "Technological Advances in biochemical Sciences:

Academia to Industry (TAB)” organized by, Dept. of Biochemistry, Acharya Nagarajuna Univeristy Guntur., India during 13-14 February 2023.

5. Sharon Priya Alexander., Sivaranjani Pakala., Vankadoth Umakanth Naik., Bhavya Krishnan and Umamaheswari A. Discerning Novel biomarkers Against Triple negative Breast cancer using Omics technology was presented and published Two Day National Seminar “Technological Advances in biochemical Sciences : Academia to Industry (TAB)” organized by Dept. of Biochemistry, Acharya Nagarajuna Univeristy Guntur, India during 13-14 February 2023.
6. Bhavya Krishnan, Sai sindhu, Sireesha k, Usha Kalavath and Umamaheswari A. Identification of Common Subunit vaccine Candidates for Dengue Virus was presented and published Two Day National Seminar on “Technological Advances in biochemical Sciences: Academia to Industry (TAB)” organized by, Dept. of Biochemistry, Acharya Nagarajuna Univeristy Guntur., India during 13-14 February 2023.

4.6. Publications

Publications in indexed journals

1. Venkataswamy Mallepogu, Karunakaran Reddy Sankaran, Chiranjeevi Pasala, Lokesh Reddy Bandi, Rajasekhar Maram, Uma Maheswari Amineni, Balaji Meriga (2023) Ursolic acid regulates key EMT transcription factors, induces cell cycle arrest and apoptosis in MDA-MB-231 and MCF-7 breast cancer cells, an in-vitro and in silico studies. *Journal of Cellular Biochemistry.* (2023). doi.org/10.1002/jcb.30496.
2. Saritha K, Sarala Devi T, Vidya Rani M, Sudheer Kumar K, Umamaheswari A and Rajitha G (2023) Synthesis, Molecular Docking Studies and Biological Evaluation of N-(α -BenzamidoCinnamoyl) Piperonal Hydrazones. *Letters in Drug Design & Discovery.* (2023). DOI: 10.2174/1570180820666230816091339.

3. Venkataswamy M, Rani E. Mallapu, Nagalakshamma V, Chiranjeevi P, Jayasekhar Babu P, Umamaheswari A, Balaji M & Thyaga Raju K (2023). Acrylamide toxicity inhibits chick embryo hepatic alpha, mu, and pi-glutathione S-transferases: molecular dynamic simulations, substrate specificity, and docking. *Toxicol. Environ. Health Sci.* (2023). <https://doi.org/10.1007/s13530-023-00183-8>.
4. Pavan Kumar Poleboyina, Umakanth Naik V, Akbar Pasha, Doneti Ravinder, Shivaji Bhanothu, Sneha Malleswari Poleboyina, Umamaheshwari A, Smita C Pawar (2023). Virtual Screening, Molecular Docking, and Dynamic Simulations Revealed TGF- β 1 Potential Inhibitors to Curtail Cervical Cancer Progression. *Applied Biochemistry and Biotechnology*, doi.org/10.1007/s12010-023-04608-5.
5. Syeda Mobeen Anjum, Katari Sudheer Kumar, Umamaheswari A, Dinesh Lakhanpal, Sandeep Swargam, Khateef Riazunnisa and Thummala Chandrasekhar (2023) Identification of a natural antagonist for signal transducer and activator of transcription 3 (STAT3) by computational approach. *Results in Chemistry*, RECHEM100970.
6. Srikanth K, Amaravathi Y, Rajasekharam T and Umamaheswari A (2023) Morphological and Molecular characterization of *Ustilaginoidea Virens* isolate Causing False Smut in Rice (*Oryza Sativa L.*). *The Journal of Research ANGRAU.* 51(2):11-21.

4.7 CMEs/ Seminars/ Workshops/Orations conducted by the Dept:

Two days Virtual workshop was conducted by Schrodinger titled Cloud-based on “Computationally Driven Drug Design Approaches” on May 10th - 11th 2023 at SVIMS.

4.8 CMEs/Seminars/Workshops attended

1. Sharon Priya Alexander participated In the International Conference on “Biotech-Microcon: shaping the sustainable future” (BTMC-2023) jointly organized by, Dept. of Biotechnology Dept.of Applied Microbiology, SPMVV, Tirupati, India from 22nd to 23rd December 2023.
2. Sharon Priya Alexander participated in the 93rd Annual Session of National Academy of Sciences (NASI), organized by National Academy of Sciences & Bhabha Atomic Research Centre, Mumbai, India from 3rd Dec to 5th Dec 2023.
3. **Vankadoth Umakanth Naik and M koteswarao Rao** participated in the 6th Annual hands on Training on Virus Diagnostics Methods Conducted on 17th& 18th November 2023 organized by SVIMS Tirupati.
4. **Sharon Priya Alexander and K Bhavya** participated in 2 days virtual workshop on NGS and transcriptomic data analysis, Organized by Quaxon Bio and IT solutions India, from 9th to 10th September 2023.
5. Vankadoth Umakanth Naik participated In the National workshop on Applied Statistics in Toxicology and Pharmacology Jointly organized by Dr Buddollas’s Institute Of life science – Tirupati India & Clusters University – kunool July 6th -08th 2023.
6. K Bhavya Paraticipated in the “ Ion Torrent Technology “Held at Dept. of Clinical Virology, Sri Venkateswara Institute of Medical Sciences Tirupati on 19th July 2023.
7. Sharon Priya Alexander participated in the “One Month Joint International Workshop on - Genome Informatics, 2023 (5th Edition). Jointly organized by decodegenome and Ensembl outreach team (EMBL-EBI) United Kingdom. 17th June to 15th July 2023.
8. Sharon Priya Alexander participated in the “Bioinformatics for Drug Discovery, 2023 (5th Edition)” organized by decode genome 20 May to 13th June 2023.
9. Sharon Priya Alexander participated In the Two Day “Recent Advances in Microbial Technology And Allied Sciences” organized by, Dept.of Applied Microbiology, SPMVV, Tirupati, India From 15th to 16th march, 2023.
10. **Sivaranjani P , Sharon Priya Alexander and Bhavya Krishnan** participated in the two Day “Technological Advances in biochemical Sciences : Academia to Industry (TAB)” organized by, Dept. of Biochemistry, Acharya Nagarajuna Univeristy Guntur., India from 13th to 14th february, 2023.

5.0 DEPARTMENT OF BIOTECHNOLOGY

Associate Professor & Head

Dr P.V.G.K. Sarma

Teaching Assistant

Mrs. E.L. Samundeshwari

Research Assistant

N.Srikanth Reddy

Technical Assistant

B.Meena

5.1 Research projects

Principal Investigator: Dr PVGK Sarma

- Title:** Evaluation of S100 α gene expression (a key regulator in the development to astrocytes) in the glioblastoma (GB) cellline developed from the tissue obtained from Glioblastoma patients. **Funding Agency:** SBAVP.
- Title:** The effects of aerosol particle PM 2.5 on cultured type II pneumocytes as a causative agent of chronic obstructive disease and further treatment of these cells with curcumin and 6-gingerol. **Funding Agency:** SBAVP.
- Title:** *In vitro* generation of Keratinocytes from Human Hematopoietic stem cells. **Funding Agency:** SBAVP.
- Title:** *In vitro* generation of Mesangial cells from Human Hematopoietic stem cells. **Funding Agency:** SBAVP.
- Title:** *In vitro* generation of Chondrocytes from Human Hematopoietic stem cells. **Funding Agency:** SBAVP.

5.2 Research work

Thesis Submitted

- Surekha K.** *In vitro* generation of mesangial cells from human hematopoietic stem cells (PhD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.
- Sireesha K.** *In vitro* generation of keratinocytes from human hematopoietic stem cells (PhD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.
- Samundeshwari E.L.** *In vitro* generation of chondrocytes from human hematopoietic stem cells (PhD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.

Ongoing Dissertation Work

- Silencing S100 α by SiRNA in 3-D spheroid culture of Glioblastoma multi form and its role in Tau protein via Ras/Raf/MEK and ERK pathways (PhD Thesis).
- Analysis of PM2.5 effect on type II Pneumocytes by assessing surfactant proteins (Sp-A, Sp-B, Sp-

- C,Sp-D), granzymes(Gr-A and Gr-B)(PhD Thesis).
3. Silencing S100 α by SiRNA in 3D spheroid culture of Glioblastoma multiforme and its role in Tau protein via c-Jun and VIM pathways (PhD Thesis).
4. *In vitro* generation of type II pneumocytes from Human Hematopoietic stem cells
5. To identify and analyse the mutations of HFE Exon-2 in Idiopathic erythrocytosis patients (PhD Thesis).
6. Molecular characterization of Sugar Isomerase gene of Staphylococcus aureus (PhD Thesis).
7. Analyzing the effect of PM2.5 and cultured Pneumocytes a causative agent of chronic obstructive disease and further treatment of these cells with Curcumin (PhD Thesis).
8. PI3K-AKT, Ras/Mapk, PLC-PKC signaling pathways effect on Callus formation in a 3D bone formation (PhD Thesis).
9. Evaluation of biofilm formation in multidrug resistance strains of Staphylococcus Aureus (PhD Thesis).
10. Study of PM2.5 effect on type II Pneumocytes by assessing oxidative stress (SOD, CAT, GR and GPx), inflammation (IL-1 α , IL-6, IL-8, TGF- β and NF- κ B) and apoptosis (Caspases- 3,6,7,8,9 and cytochrome C) (PhD Thesis).
11. Silencing S100 α by SiRNA in 3-D spheroid culture of Glioblastoma multiforme and its role in Tau protein via PI3K and AKT Pathways (PhD Thesis).
12. Analyzing the effect of PM2.5 and cultured Pneumocytes a causative agent of chronic obstructive disease and further treatment of these cells with 6-Gingerol (PhD Thesis).
13. *In vitro* 3D differentiation of chondrocytes to osteocytes and role on Ihh and Gli2 signaling pathways (PhD Thesis).
14. To identify and analyse the mutations of HFE Exon-4 in Idiopathic erythrocytosis patients (PhD Thesis).
15. *In vitro* 3D differentiation of hematopoietic stem cells to chondrocytes and role on elastin and lubricin signaling pathways (PhD Thesis).

5.3 Conferences attended; lectures delivered

1. Surekha Kattaru has attended BMJ India Webinar on Approach to Diagnosing Chronic Kidney Disease in Primary Care by Dr Saurabh Pokhariyal on 28th April 2023.
2. Samundeshwari EL has presented an Oral presentation for the work entitled *In vitro* generation of chondrocytes from Human Hematopoietic stem cells by regulated expression of SOX9 and IHH in the 4th International Conference on Environmental, Agricultural, Chemical and Biological sciences in support of UNITED Nations- SDGS, during 13-14 May 2023.
3. Kodavala Sireesha has presented an Oral presentation for the work entitled *In vitro* generation of Keratinocytes from Human Hematopoietic stem cells in the 4th International Conference on Environmental, Agricultural, Chemical and Biological sciences in support of United Nations-SDGS during 13-14 May 2023.
4. Samundeshwari EL has presented an Oral presentation for the work entitled *In vitro* trans-differentiation of Chondro-osteocytes from Human Hematopoietic stem cells in the International Conference on Recent Innovations in Biotechnology organized by Sathyabama Institute of Science and Technology, Chennai, during 21-23 September 2023.
5. Surekha Kattaru has attended BMJ India Webinar on A case based approach to detection and management of chronic kidney disease by Dr Dharshan Rangaswamy on 27th November 2023.

5.4 Publications

Chapters written in books

1. Surekha Kattaru, Sarma PVGK (2023). Hydrocarbon degrading potentials of *Pseudomonas aeruginosa* isolated from soil heavily contaminated with petroleum products. Chapter written in the book “Advances in Biosciences” Edited by Prof. Tarte Vijaya Dr Kalla Chandra Mouli, Shanlax Publications, Vasantha Nagar, Madurai – 625003, Tamil Nadu, India.
2. Suthi Subbarayudu, Sarma PVGK (2023). Proteins are the key players in biofilm formation which is marked in multi drug resistant strains of *Staphylococcus aureus*.
3. Chapter written in the book “Advances in Biosciences” Edited by Prof. Tarte Vijaya Dr Kalla Chandra Mouli, Shanlax Publications, Vasantha Nagar, Madurai – 625003, Tamil Nadu, India.

Research papers published

1. Suthi S, Mounika A, Potukuchi VGKS. Elevated acetate kinase (*ackA*) gene expression, activity, and biofilm formation observed in methicillin-resistant strains of *Staphylococcus aureus* (MRSA). *J Genet Eng Biotechnol.* 2023 Oct 13;21(1):100. doi: 10.1186/s43141-023-00555-0. P M I D : 37831271; PMID: PMC10575836.
2. Srikar A, Venkataramana B, Mohan A, Sarma P, Rekha Devi K, Narain K, Chaudhury A. Molecular diversity of *Mycobacterium tuberculosis* isolates in Treatment-experienced Patients from Andhra Pradesh, India. *J Infect Dev Ctries.* 2023 Aug 31;17(8):1114-1124. doi: 10.3855/jidc.17757. PMID: 37699092.
3. Samundeshwari EL, Surekha K, Sireesha K, Chandrasekhar C, Sarma PVGK. Prominent expression of COL2A1, ACAN and IHH genes are observed in the differentiation of Human hematopoietic stem cells into Articular type of Chondrocytes. *Stem cells reviews and reports.* 2023; (Accepted on 18th December 2023).

6.0 DEPARTMENT OF CARDIOLOGY

Senior Professor & Head

Dr D. Rajasekhar

Faculty

Dr V. Vanajakshamma

Dr G. Rajashekhar Varma

Dr P. Varun

Dr V. Viswanath

DM PG Senior Residents

Dr P. Rama Rao

Dr G. Harish Chowdary

Dr R. Usha Rani

Dr K. Rohith kumar

Dr P. Vahid Khan

Dr K. Anil kumar

Dr P. Fardeeba khanam

Dr Akula Venkata Sai Suresh

Dr Savala Hampi

Dr Chirumamilla Upendra

Dr Rampam Dharmasai

Research Scholars

P. Mounica Reddy

A. Supriya

6.1 Awards, achievements and Felicitations:

Dr D. Rajasekhar, was

1. Delivered the prestigious Karimnagar IMA Lakshminarayana Oration at IMA Karimnagar on 3rd September 2023, he spoke on role of CT CAG and catheter CAG in SCAD.
2. Received the Dr Neelam Sanjiva Reddy State Awards-2023 on 19.05.2023 in recognition of the services rendered at Tirupati for 30 years.

Dr Varun Pulugundla, Senior Resident and postgraduate student in Cardiology was

1. Won Dr G. Subramanyam Gold medal for **best research paper** presentation at APCSI-2023 conference held in Kurnool on 21-23 July 2023 for his paper titled “Exploring the Potential of Echocardiography Calcium Score as a Non-Invasive Predictor for Coronary Artery Disease Severity: A Comparative Study with CT Coronary Artery Calcium Score”.

2. Awarded **First prize** in paper presentation at ISCCON 2022-2023 conference held in Tirupati from 20-22 January 2023 for his paper titled “Role of Echocardiography Calcium Scoring in predicting severity of coronary artery disease on Catheter coronary angiogram”.
3. Awarded **Second prize** in Electrophysiology quiz at ISCCON 2022-2023 conference held in Tirupati from 20-22 January 2023.

Dr G.R. Varma, Senior Resident and postgraduate student in Cardiology was awarded **Second prize** in Electrophysiology quiz at ISCCON 2022-2023 conference held in Tirupati during 20-22 January 2023.

Dr V. Viswanath, Senior Resident and postgraduate student in Cardiology was awarded **Second prize** in Paediatric Cardiology quiz at ISCCON 2022-2023 conference held in Tirupati during 20-22 January 2023.

Dr Y. Hanok Hruday Mohan, Senior Resident and postgraduate student in Cardiology was awarded **Second prize** in Paediatric Cardiology quiz at ISCCON 2022-2023 conference held in Tirupati from 20-22 January 2023.

6.2 Research Project

Ongoing research projects

Principle Investigator: Dr V. Vanajakshamma

1. **Title:**Effect of 'Heartfulness' meditation practices on endothelial function and inflammation in patients with coronary artery disease.
2. **Title:**Impact of Yoga on peacefulness of pregnant women, cardiovascular hemodynamics, stress levels, maternal, fetal and neonatal outcomes.
3. **Title:** Effect of Heartfulness meditation on Maternal cardiovascular Hemodynamics and fetal outcomes.
4. **Title:**Screening of employees of SVIMS hospital for their health status.
5. **Title:**Scholl health screening for early detection of congenital and rheumatic heart disease

6.3 Research work

Theses submitted

1. **Hanok Hruday Mohan Y.** Correlation of inflammatory markers with Angiographic Disease severity in Acute Coronary syndrome (DM Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.
2. **Rajasekhar Varma G.** Risk factor analysis and Angiographic profile in young patients with coronary artery disease (DM Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.
3. **Varun Pulugundla.** Correlation between Echocardiography calcium scoring and CT Coronary calcium score and its association with severity of Coronary artery disease on Catheter Coronary angiogram in Coronary artery disease

(DM Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.

4. **Viswanath V.** Role of Aortic propagation velocity in patients with coronary artery disease - A Novel Echocardiographic parameter of atherosclerosis (DM Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.

Ongoing thesis work

1. **Rama Rao P.** The correlation between global longitudinal strain on speckle tracking echocardiography and coronary artery disease in patients with suspected stable angina pectoris (DM Thesis).
2. **Harish Chowdary G.** A study on spectrum clinical presentation and management of Grownup adult with congenital heart diseases (GUCH) (DM Thesis).
3. **Usha Rani R.** To predict contrast induced nephropathy in post percutaneous coronary intervention patients – A prospective observational cohort study (DM Thesis).
4. **Rohith Kumar K.** Correlation between Mitral Annular Plane Systolic Excursion (MAPSE), 2D left ventricular ejection fraction by simpson's method and global longitudinal strain in patients with coronary artery disease (DM Thesis).
5. **Vahid Khan P.** Usefulness of Tissue Doppler Imaging for diagnosis of Coronary Artery Disease in patients with left bundle branch block (DM Thesis).
6. **Anil Kumar K.** Correlation between atherogenic index of plasma and angiographic severity assessed by gensini score and syntax score in patients of acute coronary syndrome (DM Thesis).
7. **Fardeeba Khanam P.** Significance of coronary sinus blood flow measured by transthoracic ECHO cardiography in patients with coronary artery disease(DM Thesis).

Dissertationwork:

1. **Gayathri AR.** Role of foetal Echocardiography in an unselected group of pregnant women for prenatal detection of cardiac malformations, correlation with postnatal Echocardiography. (MSc. Echo).
2. Sai Chandana Priya G. Long term outcomes and quality of life in patients following ablation for Atrioventricular Nodal Re-entrant Tachycardia (AVNRT): A comprehensive follow up study (MSc CVT).
3. Priyanka GT. Demographic and clinical profile of patients with acute coronary syndromes in a tertiary care hospital – an observational study (MSc CVT).
4. Vishnu Priya J. Long-term follow up of ASD patients who underwent Device Closure with Cocoon Septal Occluder (MSc CVT).
5. Priyanka T. Analysis and descriptive study of percutaneous coronary angioplasty in a tertiary care hospital (MSc CVT).
6. Kushal Yadav V. Profile of 100 IVUS Patients (MSc CVT).
7. Hari Sahithi Vandana CK. Demographic and Clinical profile of patients with dilated Cardiomyopathy in a tertiary care hospital – an observational study (MSc CVT).
8. Vidya Bhargavi M. Analysis and descriptive study of Coronary Angiograms in a tertiary care hospital (MSc CVT).
9. Mohan Gandhi Naik M. Retrospective study of follow up of 100 PTMC patients (MSc CVT).

6.4 Conferences attended, lectures delivered:

National & State:

Dr D. Rajasekhar, was

1. Delivered a guest lecture “SCAD-CTCAG or Catheter CAG ?” in the National Conference of

Indian Cardiological Society held at Tirupathi during 19-20 January 2023.

2. Moderated a Scientific Session in “Bifurcation PCI” organised at Mumbai during 17-18 February 2023.
3. Faculty and chaired a scientific session in India Live Program at Chennai during 16-18 March 2023.
4. Moderated a Scientific Session in TAVR meeting at Mumbai during 17-18 June 2023.
5. Attended as a faculty the Midterm National Intervention Council of India held at Hyderabad from 30th June to July 1st 2023.
6. Delivered a guest lecture “How to choose between CT CAG & Catheter angiogram in SCAD” in the Annual Conference of APCS I organised at Kurnool during 21-23 July 2023.
7. Attended as faculty and chaired a scientific session in TCT India at Mumbai during 27-29 July 2023.
8. Delivered a Guest lecture “LDL Targets in CAD” in the ICCCON 2023 held at Bangalore from 30th September to 1st October 2023.

Dr V. Vanajakshamma, was

Delivered guest lectures on

1. “Heartfulness Meditation – SVIMS experience” at National conference of Indian society of Cardiology ISCCON 2022 at Tirupati on 20/01/2023.
2. “Basic life support” during a CME organized by IMA at Tirupati on 29/01/2023.
3. “Healthy life style” to lecturers of India at HRD, SV University Tirupati on 07/02/2023 and 22/08/2023.
4. “Healthy life style – Role of Yoga/Meditation” for TTD employees during a 3 day workshop on Lifestyle diseases at Mahati auditorium, Tirupati on 13/02/2023.
5. “Health and wellness” at SVETA, TTD, Tirupati on 25/02/2023, 05/05/2023, 01/06/2023, 07/08/2023, 13/12/2023, 16/12/2023 and 20/12/2023.

Annual Report 2023

6. “Post Covid precautions” to lecturers of India atHRD, SV University Tirupati on 31/03/2023.
7. “Science behind Yoga” during a CME onScientific basis of Yoga on IYD at AIIMS, Maduraion 21/06/2023.
8. “Workplace Stress relief” at NaariRavali IMA women state conference at Vijayawada on 25/06/2023
9. “Yoga- Cardiovascular disease prevention” at APCSI, Kurnool on 22/07/2023.
10. “Intriguing relationship and Integrated management of CHD and mental illness” at Siddha research unit, SVIMS, Tirupati on 02/08/2023.
11. “Role of life style in Women health” organized by Rotary at SPW degree &PG college, Tirupati on 15/11/2023.
12. “Purpose of life” at SVMC 1975 batch Alumni meet, Tirupati on 24/11/2023.
13. “Spiritual health” atIWN health conclave, Tirupati on 02/12/2023.
14. “Basic life support” during a CME on STEMI Update to Government Doctors at Tirupati on 09.12.2023.
15. “Cardiovascular health in women; bridging gaps and fostering awareness” during national seminar on Health & Wellbeing of women - agenda of 2030organized by SPMVV & NCW (National commission for women) at Tirupati on 29/12/2023.
19. Conducted Yoga & Meditation sessions during foundation for 1st MBBS students at SVIMS-SPMCW, Tirupati from 07/09/2023.to 09/09/2023.
20. Organised Health awareness rally (Cycle + Walk) in association with Indian science congress, Tirupati on 20/01/2023.
21. Medical camps organized by Sai Aashraya trust, Bangalore at Arunachal Pradesh from 08/04/2023 to 15/04/2023.
22. Refresher course on Heartfulness meditation at Kanhasanthivanam, Hyderabad from 25/04/2023 to 27/04/2023.
23. EKATM ABHIYAN (Yoga& Meditation training)organised by Ministry of culture, GOVT of Madhya Pradesh and Heartfulness at Chindwada, MP from 08/06/2023 to 15/06/2023.
24. Medical camp on the eve of Doctors day at Brahmarshiashram, C Ramapuram on 01/07/2023.
25. Health awareness program to retired Postal and Telecom employees on 03/09/2023.
26. Explained “Importance of Heart”to meditation practitioners at Tirupati on 24/09/2023.
27. Explained “Importance of Heart”to meditation practitioners at Nellore on 28/09/2023.
28. Children week celebrations at Juvenile observation home, Govtboy’s home &Govtgirl’s home, Tirupati on 16/11/2023.

Participated

16. As Chairperson and delegate at 14th NMOCON 2023, AIIMS Kalyani from 12/05/2023 to 14/05/2023.
17. NMO teachers meet at NIMHANS, Bangalore on 20/08/2023.
18. Spoke on “Role of Meditation in Medical education” during foundation for 1st MBBS students at SV medical college, Tirupation 04/09/2023.
29. “Meet & Greet” program organized by IWN with Dr Kiran bedi at Tirupati on 19/12/2023.
30. “Naarishakthisammelan” at Tirupati on 31/12/2023.

Dr Y. Hruday Mohan, Dr G.R. Varma, Dr P. Varun, Dr V. Viswanath, PG Senior Residents attended ISCCON 2022-2023 conference held in Tirupati during 20-22 January 2023.

Dr P. Varun, Senior Resident, Selected for final round and stood 4th in AV Gandhi SCAI award for excellence in Cardiology 2022-2023 held on 19th February 2023.

Dr Y. Hruday Mohan, Dr G. Rajasekhar Varma, Dr P. Varun, Dr V. Viswanath, Dr P. Rama Rao, Dr G. Harish Chowdary, Dr R. Usha Rani, PG Senior Residents attended APCS Annual Conference held at Kurnool from 21-23 July 2023.

Dr Y. Hruday Mohan, Dr G. Rajasekhar Varma, Dr P. Varun, Dr V. Viswanath, Dr P. Varun, PG Senior Residents attended Cardiology 19th update held at Hyderabad from 12-13 August 2023.

Dr P. Varun, Senior Resident, Selected for grand finale in Cardiology National-Torrent young Scholar award 2023 held at Ahmadabad 17th December 2023.

6.5 Presentations by Postgraduate students:

APCSI at Kurnool during 21-23 July 2023

1. **Harish Chowdary G.** Presented a paper titled “Demographic profile and ECG changes in COVID-19 patients admitted in tertiary care hospital, SVIMS, Tirupati: An observational study”.
2. **Rama Rao P.** Presented a paper titled “Clinical pattern of CRHD in tertiary care centre – A retrospective study”.
3. **Usha Rani R.** Presented a Poster titled “Coronary Intervention strategies in Dextrocardia Patients: navigating anatomical challenges”

6.6 Publications

1. **M. Arjun, D. Rajasekhar, Alladi Mohan, Abha Chandra, B. Vijayalakshmi Devi, Sai Lahari Sangaraju.** Clinical Presentation and Pattern of Cardiac Involvement in Patients with Rheumatic Heart Disease: A Prospective Observational Study. May-August 2023; V9-I2.

2. **Pujitha K, Sharan B Singh M, Vanajakshamma V, Sharvani N, Kiranmayi VS.** Impact of heartfulness mediation on oxidative stress markers in medical students of SVIMS University. *Ind J Cardiol* 2023; 26(1-2):25-9.
3. **Kunati P, Singh MS, Vanajakshamma, Sharvani N, Kiranmayi VS.** Effect of Heartfulness Meditation on Cortisol Levels and Vital Parameters in Healthy Female Medical Students A Prospective Longitudinal Study. *JOURNAL OF CLINICAL AND DIAGNOSTIC RESEARCH.* 2023;17(4):CC05-8.
4. **Ajit N, Manthri RG, Velam V, Mohan VK, Rallapeta RP, Kalawat TC.** Clinical utility of reverse perfusion pattern with 99mTc myocardial stress perfusion scintigraphy. *Journal of Clinical and Scientific Research.* 2023;12(3):186-9.
5. **Manual MB, Medooru KK, Yadagiri LA, Vanajakshamma V, Bitla AR, Ram R, Vishnubotla SK.** Correlates of Atherosclerotic Vascular Disease in Stable Postrenal Transplant Patients from South India. *Indian Journal of Transplantation.* 2023;17(1):68-73.
6. **Haripriya M, Sharvani N, Vanajakshamma V, Singh SB, Kiranmayi VS, Kishorenaick D.** Impact of Heartfulness meditation on improving antioxidant status and lipid profile in patients with coronary artery disease. *Indian Journal of Clinical Cardiology.* [Accepted for Publication]

6.7 CMEs/Seminars/Workshops/Orations conducted by the department

Conference Organised

1. **Dr V. Vanajakshamma.**, Organizing chair-person for National conference of Indian society of Cardiology ISCCON 2022 at Tirupati from 20/01/2023 to 22/01/2023.

Work Shops:

1. A Workshop on ASD, VSD and PDA Device closures was conducted from 3-4 March - 2023 by the department, SVIMS, with Dr Edwin

Annual Report 2023

Francis, from Kochi, Kerala.

2. A Workshop on EP+RFA was conducted on 11th March-2023 with Dr Yogesh Kothari, from Bangalore.
3. A Workshop on ASD, VSD and PDA Device closures was conducted from 23-24 June- 2023 by the department, SVIMS, with Dr Edwin Francis, from Kochi, Kerala.
4. A Workshop on EP+RFA was conducted on 8th July-2023 with Dr Yogesh Kothari, from Bangalore.
5. A Workshop on EP+RFA was conducted on 7th October-2023 with Dr Yogesh Kothari, from Bangalore.
6. A Workshop on ASD, VSD and PDA Device closures was conducted from 27-28 October - 2023 by the department, SVIMS, with Dr Deva Prashanth, MD., DM., Sri Ramakrishna Hospital, Coimbatore, Tamilnadu.

Orations:

Visitors to the Department:

The following Cardiologists visited the Department during the year 2023:

1. Dr Yogesh Kothari, Apollo Hospitals, Bangalore.
2. Dr Edwin Francis, Amrutha Institute of medical sciences, Kochi, Kerala.
3. Dr Deva Prasath, MD., FNB., Sri Ramakrishna Hospital, Coimbatore, Tamil nadu.
4. Dr Santhosh Satheesh., Prof & Head, Dept. of Cardiology
5. Dr S. Ramakrishnan, Professor of Cardiology, AIIMS, New Delhi.

6.8 Other academic activities

Dr D. Rajasekhar, was

1. Appointed as inspector by NMC, Examiner by NMC for FNB, DNB and paper setter for entrance tests.
2. Served as examiner for DM Cardiology Course at several universities during the year
3. Reviewed post graduate thesis for several universities and NMC
4. Served as a member of IEC of SVIMS
5. Served as a member of thesis protocol evaluation committee for super speciality courses of SVIMS.
6. Served as a member of high value purchase committee of SVIMS.
7. Served as a Chairman of Disciplinary and Grievance cell of SVIMS.
8. Served as a Member of Academic senate of SVIMS.

Dr V. Vanajakshamma, was

1. Serving as a Governing Council Member at SVIMS.
2. Serving as a Controller of Examinations at SVIMS.
3. Serving as a Board Member AIIMS, Madurai.
4. Serving as Selection Committee Member at AIIMS, Madurai.
5. Served as Selection Committee Member at NIMS, Hyderabad.
6. Appointed as assessor NMC at Chettinad medical College, Chennai on 02/01/23.
7. Appointed as assessor NMC at SGPGI, Lucknow on 20/02/23

- | | |
|---|--|
| <p>8. Appointed as assessor NMC at Tirunelveli medical College, Tirunelveli on 15/03/23</p> <p>9. Appointed as NBE assessor at Sentini hospital, Vijayawada on 27/03/23</p> <p>10. Appointed as NBE assessor at Medicity hospital, Cochin on 18/04/23</p> | <p>11. Appointed as NBE assessor at Apple Saraswati hospital, Kolhapur on 25/08/23</p> <p>12. Served as examiner for DM Cardiology examiner at SRM University, Chennai on 10/03/23</p> |
|---|--|

Statistics:

Particulars	Total Number 2023	Particulars	Total Number 2023
Out Patients	43241	PTCA	780
In Patients	2856	PTMC + Device closures	112
ECG	62058	EP+RF Ablations	86
Echo	18087	Fluoroscopy	157
TMT	547	PPI	84
Holter	822	TPI	209
TEE	146	IVUS	44
Tilt Table Test	38	Pericardiocentesis	25
Contrast Echo	4	FFR	46
Dobutamine Stress Echo	1	OCT	48
CAG	1680	Interventional Mortality	8/1018 (0.8%)
		Mortality	168/2856 (5.8%)

7.0 DEPARTMENT OF CARDIOTHORACIC SURGERY

Professor & Head

Dr Vinod Bhan

Faculty

Dr D.Sri Satyavathi

Dr T.Hemachandra

Dr T.Chiranjeevi

MCh PG Senior Resident

Dr N.Vishnu Keshav

Junior Resident

Dr N.C.Keerthika

7.1 Awards and Recognitions for the Department

1. 1st prize among best poster presentation on Pediatric Thoracic Inlet Tumours at ASICON National conference 2023, presented by Dr Soundarya resident from General Surgery.
2. 2nd prize among Best Poster in Vascular surgery at ASICON national conference 2023 for paper on study on cellulitis with DVT, presented by Dr Blessy from General Surgery.
3. 3rd prize among Best paper presentation on Retrospective analysis of tracheal surgeries at ASICON National Conference 2023, presented by Dr Mamatha, resident from General Surgery.

7.2 Research Projects undergoing in department

1. Clinical and hemodynamic profile of patients underwent aortic valve replacement with small sized aortic mechanical prosthesis
2. Basilic vein transposition as an alternative for multiple failed dialysis access.
3. Retrospective study on intra aortic balloon pump in coronary artery bypass grafting in tertiary care teaching institute in India
4. Clinical profile of acute upper limb ischemia in a tertiary care centre in south India.

5. Retrospective analysis of tracheal surgeries in tertiary care teaching hospital in South India.
6. Prospective study on pre operative peripheral vascular assessment using Ankle Brachial Pressure Index (ABPI) and arterial Doppler in high risk patients undergoing total hip or total knee arthroplasty
7. Retrospective analysis of surgical management of peripheral vascular anastomosis
8. Retrospective study of polymer coated oxygenators in comparison with non coated oxygenators in cardiopulmonary bypass systems and their impact on hepatic function

7.3 Conferences and workshops attended, Lectures delivered

Dr Vinod Bhan, attended

1. “Bangalore Ozaki summit 2023 held at Sri Jaya deva Institute of Cardio Vascular Sciences & Research from 18th May, 2023 to 20th May, 2023.
2. Completed course of CAHO (Consortium of Accredited Health care organization) as certified patient safety officer from 9th December 2023 to 10th December 2023.

3. 13th Annual National conference ECMO Society of India, 2024 held at Hyderabad during 20-21 January 2024
4. Cited as reference author in clinical characteristics and surgical outcomes of cardiac myxoma. A meta analysis of worldwide experience in European Journal of Surgical Oncology 50 (2) 1-10.

7.4 Conferences / CME / Meetings attended

International

Dr Sri Satyavathi Davulury

1. Participated as delegate in 3rd Annual International conference BRONCHUS 2023 organised at Yashodahospital , Hyderabad during 28-29 January 2023.
2. Attended Hands on workshop on VATS and robotic thoracic surgery conducted at Yashoda hospital, Hyderabad during 28-29 January 2023.

National

1. Participated as delegate at National conference of Indian association of Cardiothoracic and Vascular surgeons - IACTSCON 2023 , conducted at Le merdien , Coimbatore , February 2023 .
2. Participated as delegate and resource faculty in Annual conference of Cardiological society of India 2023 at Tirupathi on 20th to 22nd January, 2023.

Regional

3. Participated as delegate and delivered talk on Basics of Minimally invasive Cardiothoracic and Vascular surgery at ASIAP state chapter conference at ASI, Kadapa on 24th September 2023.

7.5 Publications

1. Davulury SS, Bhan V. Spontaneous Subclavian Axillobrachial Artery Aneurysm A Rare Case Report. IJVES Case Rep Innov Images 2023;1:33-5.
2. Davulury SS, Bhan V. Unusual Presentation of Multiple Cavemous Hemangiomas of the Head and Neck: A Case Series. IJVES Case Rep Innov Images 2023;1:39-42.
3. Davulury, Sri Satyavathi; Bhan, Vinod; Vikrama, K S Amitha¹. Neurogenic Pulmonary Edema following Carotid Intervention: A Rare Case Report. IJVES CInI- Case reports, Innovations and Images 1(2):p 67-71, Jul–Dec 2023. | DOI: 10.4103/IJCR.IJCR_62_23

Accepted for Publication

1. Lateral Circumflex Femoral Artery Pseudoaneurysm Following Trans-Femoral Coronary Intervention – A rare case report in Journal of clinical and scientific research.
2. Fulminant necrotising fasciitis complicating upper limb arteriovenous fistula access for hemodialysis in Journal of Clinical and Scientific Research

8.0 DEPARTMENT OF CLINICAL VIROLOGY

Professor & HOD

Dr Usha Kalawat

Faculty

Dr Anju Verma

Dr N.Ramakrishna

Research Assistant

Dr D. Soumya

Mrs K.Sireesha

Scientist-C (Medical)

Dr A.M.Padmalatha

Scientist-C (Non-Medical)

Dr M.Nagaraja

Scientist-B (Non-Medical)

Dr A.Srikar

Scientific/Veterinary consultant

Dr P.Madhava

Senior Lab Technician

Mr P.Rama Murthy

Lab Technician

Dr P.Madhavi Latha

8.1 Research projects:

Ongoing research projects

1. Comparison of BIOFIRE FILM ARRAY and multiplex PCR for detection of SARS Cov-2 in respiratory samples (IEC No.1266, dt:14.04.2022).
2. Detection of various viruses causing gastroenteritis in children below 5 years of age using Bio Fire gastrointestinal panel assay (IEC No. 1267, dt:11.04.2022).
3. "Detection of Parvo B19 virus genotypes in patients presenting with fever and joint pains"
4. "Next generation sequencing to ascertain genetic diversity of Dengue Virus Project".

8.2 Publications

1. Nagaraja, M.; Sireesha, K.; Srikar, A.; Sudheer Kumar, K.; Mohan, A.; Vengamma, B.; Tirumala, C.; Verma, A.; Kalawat, U. Mutation Analysis of SARS-CoV-2 Variants Isolated from Symptomatic Cases from Andhra Pradesh, India. *Viruses* 2023, 15, 1656. <https://doi.org/10.3390/v15081656>.

2. Anju Verma, Anagoni Srikar, AM Padmalatha, Alladi Mohan, Mudhigeti Nagaraja, Usha Kalawat. Saliva as an Alternative to Nasopharyngeal Swab for Detection of SARS-CoV-2 using RT-PCR as a Diagnostic Method: A Cross-sectional Study. *National Journal of Laboratory Medicine*. 2023 Jul, Vol-12(3): MO34-MO38.
3. Soumya D, Meenakshi K, Nagaraja M, Rishi Gowtham R, Umapathi N, Madhavi Latha PM, Padmalatha AM, Prakash P, Kalawat U. Detection of Chlamydia trachomatis and Herpes Simplex Virus-2 Infections Among Clinically Suspected Women with Cervical Cancer or Precancerous Lesions. *Indian Journal of Gynecologic Oncology*. 2023 Mar;21(1):1-7.

8.3 CMEs/workshop/training conducted

1. Organized 5th hands-on workshop on Virus Diagnostic methods from 9.01.2023 to 10.01.2023 for VRDL project.
2. Organized 6th hands-on workshop on Virus Diagnostic methods from 17.11.2023 to 18.11.2023 for VRDL project.
3. Conducted a Zoonotic committee meeting on 20.02.2023 at SVIMS, Tirupati for NCDC-ISCP project.

4. World wild life day conducted on 03.03.2023 at S.V.Zoological park, Tirupati for NCDC-ISCP project.
5. 14.03.2023 Conducted Sensitization Meeting on National One Health Programme for Prevention and Control of Zoonosis for NCDC-ISCP project.
6. Organized 1st Hands on training on Serological Diagnosis of Scrubtyphus on 16.03.2023 for NCDC-ISCP project.
7. World Zoonosis day was observed on 06.07.2023, an awareness programme targeting farmers and pet animal owners on the diseases those spread from animals to human beings was conducted at veterinary hospital, Chandragiri for NCDC-ISCP project.
8. World Rabies day was observed on 28.09.2023, an awareness programme was conducted at SPMC-SVIMS College, Tirupati for NCDC-ISCP project.
9. Organized 2nd Hands on training on Serological Diagnosis of Leptospirosis on 16.12.2023 for NCDC-ISCP project.

8.4 CMEs/workshop/training attended

1. National Workshop for Sentinel Surveillance sites for Zoonosis under NOHP-PCZ on 6th and 7th February,2023 at New Delhi organized by NCDC.
2. To Promote health and quality life with one health approach on 6th and 7th July,2023 at New Delhi organized by NCDC.
3. Training has been conducted by Thermo fisher Scientific in Ion Torrent technology at Department of Clinical Virology on 19.07.2023.
4. Training programme ‘’on whole genome sequencing of SARS CoV2 (Ion Torrent Platform) at NIV Pune from 03.07.2023 to 08.07.2023.
5. National meeting and Training for MR lab network at ICMR NIV Pune from 08.10.2023 to 15.10.2023.

9.0 DEPARTMENT OF COMMUNITY MEDICINE

Professor & HOD

Dr K.Nagaraj

Faculty

Dr Anju Damu Ade

Dr D.S. Sujith Kumar

Dr Ravi Sankar Deekala

Dr V.Chandrasekhar

Dr G.Visweswara Rao

Dr T.V.D. Prathyusha

Dr Lalith Meesala

Dr Iswarya Sidha Reddy

Dr Yamasani Bhavani

Bio-Statistician

Dr M.Sunitha

PG (MD) Junior Residents

Dr K. Anjan Kumar

Dr M. Nagarjuna

Dr B. Ajeetha

Dr Zulekha Begum Moghal

Tutors

Dr P.Siva Sankar

Dr K.Munaswamy

9.1 Awards, achievements and felicitations:

Dr K. Nagaraj, Professor & Head

1. Nominated as member of Project Review Group of Health Services Research in ICMR, Govt of India, New Delhi.
2. Nominated as member of Research Advisory Committee of Model Rural Health Research Unit (MRHRU), Chandragiri, ICMR, Department of Health Research, Govt. of India.

Dr Anju D Ade, Professor

1. Wrote chapter titled 'Swaccha Bharat Abhiyan' in a Book titled Recent Advances in Community Medicine and Public Health-Volume I, 2023.
2. Wrote chapter titled 'Communication in Healthcare' in a Book titled Recent Advances in Community Medicine and Public Health -Volume II, 2023.

Dr Ravi Sankar Deekala, Associate Professor

1. Dr Ravi Sankar Deekala, Associate Professor, elected as **Joint Secretary** for **Indian Public Health Association (IPHA)- Andhra Pradesh State chapter for the tenure of 2022-24** in 27th Joint Conference of IPHA & IAPSM Conference, AP State Chapter conducted at Dr Pinnamaneni Siddhartha Institute of Medical Sciences & Research Foundation, Chinna Avuta palli, 15th - 16th July 2022
2. **Nodal officer** for **cancer awareness & Screening training programme for CHO's / MLHPs of Tirupati District** from 13-07-2023 to 22-07-2023 conducted at SVIMS, Tirupati.
3. Guide for ongoing MBBS, Indian Council of Medical Research - Short Term Studentship (**ICMR -STS 2023**) Award.

4. Dr Ravi Sankar Deekala, Associate Professor felicitated with **Vaidya Ratna Award 2023** for the outstanding individual achievements & distinguished service to the nation from **Way Foundation, Tirupati**, a certified philanthropic organization which is a member of World International Organization Committee (WUN) on 1st July 2023 as part of National Doctors Day celebrations.

Dr V. Chandrasekhar, Assistant Professor

1. **Dr Vallepalli Chandrasekhar** was awarded **First prize** and a **cash prize of Rs. 3000/-** in the **Faculty Oral Paper Presentation** at the 28th Andhra Pradesh State Joint Conference of IPHA & IAPSM on 3rd September 2023 at GITAM Institute of Medical Sciences & Research, Visakhapatnam.
2. **Dr Vallepalli Chandrasekhar** has **chaired** a UG Scientific Research Paper session of the 28th Andhra Pradesh State Joint Conference of IPHA & IAPSM at GITAM Institute of Medical Sciences & Research, Visakhapatnam in September 2023
4. **Dr Vallepalli Chandrasekhar** has delivered a **Guest lecture** titled “Basic Life Support and First Aid” during Transitional training program for 1st BAMS students on 7th March 2023 at S.V.Ayurvedic College, Tirupati
5. **Dr Vallepalli Chandrasekhar** received **Certificate of Appreciation** from Indian Association of Preventive and Social Medicine (IAPSM) for acting as Nodal Officer for organization of IAPSM World Health Day Quiz 2023 at SVIMS-Sri Padmavathi Medical college for Women, Tirupati.

9.2 Research Projects

Dr K.Nagaraj, Professor & Head

1. **Principal Investigator:** Dr K.Nagaraj, Professor & Head, **Title:** “Morbidity Status and Socio-cultural profile of population in villages near tailing pond of Uranium Corporation of India, Thummapalli, Kadapa District – A Cross-sectional

study”. **Funded** by Andhra Pradesh Pollution Control Board.

2. **Principal Investigator:** Dr K.Nagaraj, Professor & Head, **Title:** “Improving the Health Care Access among scheduled tribes: An “Implementation Research in Chittoor District, Andhra Pradesh”. **Funding Agency:** ICMR
3. **Principal Investigator:** Dr K.Nagaraj, Professor & Head, Co-Investigators: Dr Anju D. Ade, Dr D S Sujith Kumar, Dr Ravi Sankar Deekala, Dr Chandrasekhar Vallepalli, Dr G. Visweswara Rao, Dr TVD Prathysha. **Title:** “Self Care Practices and Quality of Life among Diabetic patients in rural area of Chittoor District, Andhra Pradesh” **Funding Agency:** MRHRU, Chandragiri, ICMR, Dept of Health Research.

Dr Anju Damu Ade, Professor

1. From ICMR – (As a Co-investigator) Title of the project: Improving the Health Care Access for Achieving Universal Health Coverage (UHC) among Scheduled Tribes: An Implementation Research in Chittoor District, Andhra Pradesh.
2. From ICMR (As a Co-investigator) Title of the project: Self-care practices and Quality of life among Diabetic patients in rural area of Chittoor district, Andhra Pradesh.
3. From ICMR. Food taboos during pregnancy and lactation among tribal population of south India. – STS Project.

Projects Accepted by Balaji Varaprasadhini Scheme. (November-2023)

1. **As a Principal Investigator-** Project title ‘Awareness, Lifestyle, Prevalence of risk factors of cardiovascular diseases among rural adults of South India’.
2. **As a Co-investigator** Cancer Awareness and Screening -Implementation Research in Tirupati District, Andhra Pradesh.

Annual Report 2023

Dr Ravi Sankar Deekala, Associate Professor

1. **Co-Investigators** for a project **titled** “Morbidity Status and Socio-cultural profile of population in villages near tailing pond of Uranium Corporation of India, Thummapalli, Kadapa District – A Cross-sectional study”. **Funded** by Andhra Pradesh Pollution Control Board.
2. **Co-Investigator** for a project **titled** “Improving the Health Care Access among scheduled tribes: An “Implementation Research in Chittoor District, Andhra Pradesh”. **Funding Agency:** ICMR- New Delhi.
3. **Co-Investigator** for a project **titled** “Self Care Practices and Quality of Life among Diabetic patients in rural area of Chittoor District, Andhra Pradesh” **Funding Agency:** MRHRU, Chandragiri, ICMR, Dept of Health Research.

Dr G.Visweswara Rao, Assistant Professor

1. **Title:**Metabolic syndrome and its correlates among peri-menopausal and post-menopausal women in rural areas of Tirupati district: Cross-sectional study. **Funding agency:** Model Rural Health Research Unit (ICMR-NIN), Chandragiri, Department of Health Research, Govt. of India
2. **Guide/ Co-Investigator** for ICMR STS-2023 research project **titled** Assessment of under nutrition using the Composite Index of Anthropometric Failure (CIAF) among preschool children in rural areas: A baseline study for intervention. (REFERENCE ID: 2023-00213)

Dr T.V.D.Prathyusha, Assistant Professor

- **Dr T.V.D.Prathyusha**, Assistant Professor is Co-Investigator for the ongoing research project titled “Self Care Practices and Quality of life among Diabetic patients in Rural Area of Chittoor District, Andhra Pradesh” funded by Model Rural Health Research Unit (MRHRU), Chandragiri under aegis of ICMR, New Delhi

- **Dr T.V.D.Prathyusha** Assistant Professor is Co-investigator for faculty project titled “Student’s perceptions towards Objective Structured Practical Examinations as an Assessment tool in Community Medicine”.

9.3 Publications

Dr K. Nagaraj, Professor & Head

1. Visweswara Rao Guthi, D. S. Sujith Kumar, Sanjeev Kumar, Nagaraj Kondagunta, Sonika Raj, Sonu Goel, and Pratyashee Ojah. Hypertension treatment cascade among men and women of reproductive age group in India: analysis of National Family Health Survey-5 (2019–2021)– 2023;1-12.
2. Punabaka, Navya Keerthana; Nagaraj, Kondagunta; Guthi, Visweswara Rao; Chakradhar KV. A study of quality of life among the elderly in urban areas of Tirupati. J Clin Sci Res 2023;12:190-6.
3. Navya Krishna Naidu, Nagaraj Kondagunta, Visweswara Rao Guthi. Tuberculosis diagnostic practices among private medical practitioners of modern medicine in South India – Across sectional study- MRIMS Journal of Health Sciences. 2023; 20:20:1-8.
4. Anju Damu Ade, Chandrasekhar Vallepalli, Visweswara Rao Guthi, T. V. D. Prathyusha, K. Nagaraj. Adverse events with COVID-19 vaccination (precaution dose) among the elderly population aged 60 years and above in South India- International Journal of Community Medicine and Publi Health 2023; 10:5:1926-1932.
5. Chandrasekhar Vallepalli, Mannem Meghana Sumalini, Prathyusha T. V. D, Ravi Sankar Deekala, Kondagunta Nagaraj. Impact of low birth weight and breast feeding practices on the nutritional Status of children aged 2 to 5 years in the slums- Medicine and Dentistry. 2023; 3-9.

6. Prathyusha T.V.D, Chandrasekhar Vallepalli, Kondagunta Nagaraj. A cross sectional study on knowledge of breast self-examination among rural women of chittoor district, andhrapradesh - International Journal of Academic Medicine and Pharmacy. 2023; 204-208.

Dr Anju D Ade, Professor

1. **Dr Anju Ade**, Guthi VR, Vallepalli C, TVD Prathyusha, Kondagunta N. Adverse events with COVID-19 vaccination among adolescents (15–18 years age group) in South India. Natl J Physiol Pharm Pharmacol. 2023. Vol3(11):2201-2206
2. **Dr Anju D. Ade**, Visweswara Rao Guthi, Chandrasekhar Vallepalli, Nagaraj Kondagunta. Awareness, Attitude and Practices regarding Bio-medical Waste Management among Sanitary Staff (Waste Handlers) Working in a Tertiary Care Hospital. Himalayan Journal of Community Medicine & Public Health. Jul-Aug, 2023.4 (4): 28-38.
3. Participated in survey and co-authored article titled '**A comprehensive health effects assessment of the use of sanitizers and disinfectants during COVID-19 pandemic: a global survey**'. Published in Environ Sci Pollut Res Int. 2023 Jun;30(28):72368-72388.
4. **Anju D. Ade**, Chandrasekhar Vallepalli, Visweswara Rao Guthi, Nagaraj Kondagunta. COVID-19 Vaccine Hesitancy and associated factors among Adults and Adolescents attending COVID-19 Vaccination centre of South India. Accepted in IJPHRD and to be published in April 2024.

Dr Ravi Sankar Deekala, Associate Professor

1. Chandrasekhar Vallepalli, Mannem Meghana Sumalini, Prathyusha T.V.D, **Ravi Sankar Deekala**, Kondagunta Nagaraj: Impact of low birth weight and breastfeeding Practices on the nutritional status Of children aged 2 to 5 years in the slums EUREKA:HealthSciences,1,3–9.doi:

<http://doi.org/10.21303/2504-5679.2023.002730>.

2. Sindhu Mandyam, **Ravi Sankar Deekala**, G Swetha Rao, Visweswara Rao Guthi, Pravallika Sudharani Rosivari: A Study on Depression, Anxiety and Stress Among Medical Undergraduate Students of a Women's Medical College, South India Natl J Community Med 2023;14(2):90-96. DOI: 10.55489/njcm.140220232669
3. Visweswara Rao Guthi 1, Patterm Sudhapriya, K. Keerthinmayee, **Ravisankar Deekala**, Neeraja Kolar, Praveena Ganapa Dietary Practices, Nutrient Adequacy and Nutrition Status among Adolescents in rural areas of Tirupati Eur. Chem. Bull. 2023, 12 (S3), 3373 – 3383 DOI: 10.31838/ecb/2023.12.s3.404.

Dr V.Chandrasekhar, Assistant Professor:

1. **Vallepalli C**. Preventive Oncology. Aviraj KS, 2nd ed. The Essentials of Community Medicine: White Falcon Publishing; 2023. p. 574-588. ISBN: 978-1-63640-973-3 (Book Chapter)
2. Ade AD, **Vallepalli C**, Guthi VR, Prathyusha TVD, Nagaraj K. Adverse events with COVID-19 vaccination (precaution dose) among the elderly population aged 60 years and above in South India. Int J Community Med Public Health 2023;10:1926-32.
3. Prathyusha TVD, **Vallepalli C**, Nagaraj K. A Cross Sectional Study on Knowledge of Breast Self-Examination among Rural women of Chittoor District, Andhra Pradesh, India. Int J Acad Med Pharm. 2023; 5 (1); 204-208
4. Ade AD, Guthi VR, **Vallepalli C**, Kondagunta N. Awareness, Attitude, and Practices regarding Bio-medical Waste Management among Sanitary Staff (Waste Handlers) Working in a Tertiary Care Hospital. Himalayan Journal of Community Medicine and Public Health. 2023;4(4):28-38. DOI: 10.47310/Hjcmph.2023.v04i04.005

5. Ade AD, Guthi VR, **Vallepalli C**, Prathyusha TVD, Kondagunta N. Adverse events with COVID-19 vaccination among adolescents (15–18 years age group) in South India. *Natl J Physiol Pharm Pharmacol* 2023;13(11):2201-2206.

Dr G. Visweswara Rao, Assistant Professor:

1. **Visweswara Rao Guthi**, D.S. Sujith Kumar, Sanjeev Kumar, Nagaraj Kondagunta, Sonika Raj, Sonu Goel, Pratyashee Ojah. Hypertension treatment cascade among men and women of reproductive age group in India: analysis of National Family Health Survey-5 (2019–2021). *The Lancet Regional Health - Southeast Asia*. <https://doi.org/10.1016/j.lansea.2023.100271>.
2. **Visweswara Rao Guthi**, Pattem Sudhapriya, K. Keerthinmayee, Ravisankar Deekala, Neeraja Kolar, Praveena Ganapa. Dietary practices, Nutrient adequacy and Nutrition status among Adolescents in Rural areas of Tirupati. *Eur. Chem. Bull.* 2023, 12 (S3), 3373 – 3383.
3. Venkateswarlu M, Prasad KJ, Kumar DSS, Subash KR, **Guthi VR**, Mamatha K. Chronological Age

Estimation by Physiological Changes in the Teeth Among Deceased Human Adults 2023;17(2): 108-113.

4. Ade AD, Pratheeka KVJ, **Visweswara Rao Guthi**. Food taboos during pregnancy and lactation among tribal population of South India. *Int J Community Med Public Health* 2023;10:1494-501.
5. Deekala RS, Mandyam S, G SR, **Visweswara Rao Guthi**, Rosivari PS. A Study on Depression, Anxiety and Stress Among Medical Undergraduate Students of a Women's Medical College, South India. *Natl J Community Med* 2023;14(2):90-6.

Dr T.V.D. Prathyusha, Assistant Professor

1. Anju Damu Ade, Visweswara Rao Guthi, Chandrasekhar Vallepalli, Prathyusha T V D, Nagaraj Kondagunta. Adverse events with COVID-19 vaccination among adolescents (15–18 years age group) in South India *National Journal of Physiology, Pharmacy and Pharmacology* 2023;13(11):2201 – 2206.

10.0 DEPARTMENT OF DENTAL SURGERY

Professor & HoD

Dr D.S.Madhu Babu

Faculty

Dr P.Vani Priya

Dr C.Narendra Reddy

Dr M.Ram Prasad

10.1 Conferences attended, lectures delivered:

1. Dr D.S.Madhu Babu, Dr Vanipriya, Dr C Narendra Reddy, Dr Ram Prasad attended 42nd annual conference of Indian Dental association-AP Branch, conducted on 8th October 2023.

10.2 CMEs conducted by the dept.

1. “Systemic diseases and oral health” presented by **Dr K.N.V Saipraveen, Associate Professor, Department of Oral Medicine and Radiology, CKS Theja Institute of Dental**

Sciences conducted jointly by Department of Dental Surgery, ENT, Ophthalmology at Sri Padmavathi Auditorium, SVIMS on 7th January 2023.

10.3 CDE/ CME/ workshop attended

1. **Dr D.S.Madhu Babu, Dr P.VaniPriya, Dr M.Ram Prasad** were attended CDE on “fixed prosthodontics-current scenario”, organized by Indian Dental Association, Chittoor Branch at Tirupation 27th August, 2023.

11.0 DEPARTMENT OF DERMATOLOGY

Associate Professor & HOD i/c

Dr Surekha. A

Junior Resident

Dr T. Kushma

11.1 Research Projects

1. Etiology and clinical profile of patients presenting with erythroderma.
2. A prospective study of clinical patterns and assessment of causality and severing of cutaneous adverse drug reactions in a tertiary care hospital.

11.2 Conference attended, Lectures delivered

1. **Dr Surekha A**, delivered lecture on clinical approach to cutaneous drug adverse reactions in CME on pharmacovigilance and medication safety on 8th December 2023.

11.3 CMEs/Seminars/ Workshops attended –

Dr Surekha A,

1. Attended CME on rare diseases – 2023 on 05.03.2023.
2. Webinar on Electro surgery – exploring clinical aspects on 28.03.2023.
3. Webinar on chemical peels in clinical practices on 04.04.2023.
4. Webinar on updates in urticaria management IADVL international urticaria on 14.07.2023.
5. Live webinar on systemic sclerosis on 12.12.2023.

6. Attend monthly CME's on behalf of TADVL.
7. Attended on clinical approach to cutaneous drug adverse reactions in CME on pharmacovigilance and medication safety on 08.12.2023.

Dr T. Kushma

1. Attended CME on pharmacovigilance and medication safety on 08.12.2023 at SVIMS.

11.4. Other academic activities of significance:

Dr Surekha. A

1. Chair person, TADVL for session on Hair disorders investigations and approach to diagnosis on 21.11.2023.
2. Presented cases, Research presentation in academic meetings.
3. Member in various committees
 - Antibiotic stewardship committee
 - Pharmacovigilance committee
 - Disciplinary and grievance committee
 - Patient safety committee
4. Received appreciation certificate for reporting high CADR's from the department of DVL.

12.0 DEPARTMENT OF EMERGENCY MEDICINE

Professor & HOD

Dr A.Krishna Simha Reddy

Faculty

Dr Prakash Babu

Dr K. Rohit Gupta

Senior Resident

Dr K. Dinesh Kumar

Dr Ts. E. Blessy Lois

Dr G.K.Harish

PG (MD) Junior Residents

Dr Ashik Mohammed

Dr Vardhan Reddy

Dr Syed Asiya Begum

Dr M. Naveen kumar

Dr K. Nithya

Dr K. Manoj kumar

Junior resident

Dr K.Prabhat Kiran

Chief Medical Officers

Dr M. Bharathi

Dr Joshua E. Paul

Dr K. Jagadeesh

Senior Chief Medical Officers

Dr P. Shiva Sankar

12.1 Research Work

Theses Submitted:

1. **Ashik mohammed**. A study on Serum Magnesium among patients presenting to Emergency Medicine Department with Acute ST – Elevation myocardial infarction (MD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.
2. **Naveen kumar M**. A Study on serum Homocysteine levels in chronic kidney disease patients presenting to Emergency Medicine department (MD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.

Ongoing thesis work

1. **Vardhan Reddy**. Clinical profile of Patients admitted with Hypertensive Crisis at the Emergency Medicine Department of the Tertiary care center (MD Thesis).
2. **Nithya K**. Diagnostic utility of Thoracic Ultrasonography in the diagnosis of Pneumothorax and Hemothorax in Chest trauma patients presenting in Emergency Room – SVIMS

12.2 Conferences / Workshop attended as faculty:

Dr A. Naga Sowmy, attended

1. Evidence based Emergency Medicine practice 17-09-2023 at NIMS, Hyderabad as a delegate on 17-September 2023

Annual Report 2023

2. International conference on nephrology urology emergencies role of primary care physician as a delegate on 26 march 2023.
3. India Emergency Medicine 2023 on 24,25,26,27 August 2023
4. EMA Andhra Pradesh 3rd State Emergency Medicine Conference as a Speaker on 18,19 November 2023.
5. National foundation for disaster management as a delegate on 27th July 2023

Dr Ts. E Blessy lois, attended

1. EMCON 2023 25th anniversary edition as a delegate on 26, 27 October 2023
2. Publications on care series of clinical presentation management of nitrobenzene poisoning patients who presented to Emergency Department

Dr Ashik mohammed, attended

1. Apollo Advanced central care conference as a (Delegate) on 5,6, August 2023.
2. EMA Andhra Pradesh Chapter conference as a (Delegate) on 18,19 November 2023.
3. Emcon 2023 (Delegate) on 27,29,2023
4. Evidence based Emergency Medicine Practice as a (Delegate) on 17 September 2023.

Dr Vardhan Reddy, attended EMA Andhra Pradesh 3rd State Emergency Medicine Conference as a Delegate on 18,19 November 2023.

Dr Nithya. K, attended CME on Breast imaging and hands on workshop in Basic interventions as a delegate on 09 March 2023

13.0 DEPARTMENT OF ENDOCRINOLOGY

Professor & HOD

Dr Alok Sachan,

Faculty

Dr S.Gayatri

Dr B. Likhitha

Dr B. Shruthi

PG (DM) Senior Residents

Dr Padhariya Krunal Pravinchandra

Dr L. Venkatesh

Dr Pradeep Bobbili

Dr M Keerthana

Dr Y. Rajesh Reddy

Dr P. Sowmya

13.1 Research Projects

Theses submitted

1. **Likhitha Butukuri.** Patterns and predictors of acute complications among patients with type 1 diabetes mellitus (DM Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.
2. **Shruthi B.** Thyroid specific autoantibodies and calcitonin levels in grave's disease with hyperthyroidism before and after treatment with carbimazole (DM Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.
3. **Keerthana M.** Glycemic variability among patients with type 1 diabetes mellitus (DM Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.
4. **Padhariya Krunal Pravinchandra.** Alterations in Hormonal Axes in Men with Severe Acute Illness and their Prognostic Significance (DM Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.

Ongoing thesis work

1. **Rajesh Reddy Y.** A study on performance of the Osteoporosis Self assessment Tool for Asians (OSTA) score as a screening tool for osteoporosis among the postmenopausal women (DM Thesis).

2. **Venkatesh L.** Sub groups of adult onset type 2 diabetes mellitus in South Indian population (DM Thesis).
3. **Geerthana.** Frequency of fractures in postmenopausal women with low BMD (DM Thesis).
4. **Bhavana.** To study effect of frequent blood glucose monitoring on long term glycemic control in type 1 Diabetes Mellitus (DM Thesis).

13.2 CMEs/seminars/Workshops/orations conducted by the dept

1. **Institutional CME** conducted on 04.02.2023: at SVIMS, Tirupati by the Endocrinology, Biochemistry and Pharmacology.
2. Dr Alok Sachan delivered a lecture on Diabetes Mellitus and Pregnancy.
3. Dr B. Shruthi delivered a lecture on Calcium and Vitamin D Homeostasis in Pregnancy

Dr Alok Sachan, was

1. The Session Moderator on case presentation on 'Non-healing foot ulcer in a diabetic', Friday, Endocrine Masterclass, Public Health Foundation of India, 12/05/2023.

Annual Report 2023

2. The Chair person on case presentation on ‘An unusual cause of Diabetic Ketoacidosis’, Friday, Endocrine Masterclass, Public Health Foundation of India, 18/8/2023,
3. Spoke on ‘Pifalls in thyroid hormone tests’ on 30/07/23, in the Annual Conference of the Endocrine Society of Andhra Pradesh at Vijayawada.
4. Spoke on ‘gut microbiome in diabetes’ on 15/10/23, in the Annual Conference of the Andhra Pradesh State Chapter of RSSDI at Kurnool.
5. Spoke on ‘Diabetic osteopathy’ on 19/11/23, in the Annual Conference of the RSSDI at Mumbai.

13.3 Presentations by postgraduate students

1. Rajesh Reddy Y. Presentation titled “A case of childhood obesity with hypotonia” at Endocrine Society of AP 2023 conference on 29.07.2023 held at Guntur.
2. Venkatesh L. Paper presentation titled “An unusual presentation of acromegaly with diabetic ketoacidosis” at AP RSSDI October 2023 at Kurnool.
3. Venkatesh. L. Case Presentation: A case of short stature with multiple pituitary hormone deficiency at Pediatric Endocrine clinics October 2023 at SGPGI Lucknow.

13.4 Other academic activities

World Diabetes Day . Fourteenth of November, the birthday of Dr Frederick Banting is celebrated all over the world as the World Diabetes Day. In 1921 a team, including Dr Banting, Best, McLeod and Collip declared successful separation and use of insulin.

On eve of the World Diabetes Day, multiple events were organized by the Department of Endocrinology in Sri Venkateswara Institute of Medical Sciences, Tirupati.

A Podium interaction was organised for the patients to allay the misapprehensions on Diabetes and educated patients about complications of Diabetes and emphasised upon timely consultation to nip the disorder in budding stage. It was headed by Vice-Chancellor and Director Dr R. V. Kumar along with Professor of Nephrology Dr Ram, Professor of Cardiology Professor Dr Vanajakshamma, Professor of Neurology Dr Nandagopal and Dr Sri Lalitha from Department of Ophthalmology.

Department of Endocrinology organized multiple separate quizzes to engage students, from the first year students of the MBBS to the postgraduate doctors.

Dr RV Kumar , Director and Vice Chancellor, SVIMS emphasized the need for broad base learning among doctors belonging to all the specialities. Topics in the quiz were related to diagnosis of diabetes, treatment of diabetes and how to handle uncommon situations related to management of diabetes.

Following are the number of participants from different categories:

- MBBS 2nd year – 98
- MBBS 3rd year – 110
- MBBS 4th year - 120

WINNERS

- 2nd year :-**
- | | | |
|------------------|-------------------|------------|
| 1) Himasri | 2) Dedeepya | 3) Nafeesa |
| 4) Habeebunissa | 5) Shahnaz | |
| 6) Rekha Yadav | 7) Sai sravani | |
| 8) Ekta mangoura | 9) Hrishita | |
| 10) Y lohitha | 11) Sreenija | |
| 12) Ch Jhansi | 13) Shweta Shukla | |
- 3rd year**
- | | |
|-----------------------|---------------------|
| 1) D. Jaya Sree | 2) Sommeta Poojitha |
| 3) G Niharika | 4) S Sana Jahassum |
| 5) A Lakshmi Priyanka | 6) P Sivapriya |
| 7) V Sannuthi | |
- 4th year**
- | | |
|---------------|------------------|
| 1) Jahnvi | 2) Sharanya garg |
| 3) Nikhila | 4) Veekshitha |
| 5) Soumya sri | 6) Kiruthika |
| 7) Arundathi | |

14.0 DEPARTMENT OF FORENSIC MEDICINE

Professor & Head

Dr K.Jyothi Prasad

Faculty

Dr B.Rupesh Kumar Naik

Dr V. Hari Prasad

14.1 Publications

1. Venkateswarlu M, Prasad KJ, Kumar DSS, Subash KR, Guthi VR, Mamatha K. Chronological Age Estimation by Physiological Changes in the Teeth Among Deceased Human Adults 2023;17(2): 108-113.
2. Rupesh Kumar Naik B. Are covid-19 related deaths taking time? A Retrospective analysis in a state covid 19 centre at tirupathi. J Pharmaceut Negative 2022;13:9.

14.2 CMEs/Seminars/Workshops/Orations conducted by the dept.

A CME on “**Abdominal Trauma**” was jointly organised by the Depts. of Forensic Medicine, Anatomy, Surgical Gastroenterology and General Surgery at SVIMS on 14.10.2023

14.3 CME/Seminars/Workshops attended

Dr K. Jyothi Prasad, Professor & HoD has attended

1. 36th Conference (Virtual) ”International Conference on Neurosciences and Role of Primary Care Physicians on 30th July 2023.
2. 38th International Conference on Emergency Medicine and Role of Primary Care Physicians on 24th September 2023.
3. Zonal CME-2023 of Forensic Medicine, held at S.V. Medical College, Tirupati on 2nd December 2023.

Dr B. Rupesh Kumar Naik, Associate Professor has attended

1. Participating and completing the “5 Days Training Programme on Virtual Autopsy” organized by the School of Medico- Legal Studies at National Forensic Sciences University, Gujarat, India in collaboration with Virtual Autopsy – India and accredited by Academy of Forensic Medical Sciences – UK during 16- 20 January 2023.
2. The conference (Toxocon -17) held on 12th March 2023.
3. Orientation Training Course On Health Information Management For Personnel Medical at FSU/ CBHI, Regional Office for Health Family Welfare, Govt. of India, Bangalore during 15-19 May 2023.
4. 4th One Week Online Workshop on Advance Statistical Data Analysis using SPSS Organised by International Institute for Special Education (IISE), Lucknow & Science Tech Institute (Run by MKS Educational Society) at Luckow, UP India during 21-27 May 2023.
5. Participated in and successfully completed the Professional Development Programme on ‘Implementation of NEP- 2020 for University and College Teachers’ held from 12th to 20th June, 2023 and obtained ‘A’ Grade.
6. Half day online training program on “Lead Poisoning” Conducted by occupational Safety and health training institute (OTI), Kerala on 26th July 2023.

Annual Report 2023

7. 'Basic Epidemiology' course during the 13th Basic and Advanced Workshop on Epidemiology organized by Department of Preventive and Social Medicine, Jipmer, Puducherry during 7-10 August, 2023.
8. 'Sample Size Estimation' course during the 13th Basic and Advanced Workshop on Epidemiology organized by Department of Preventive and Social Medicine, Jipmer, Puducherry during 11-12 August 2023.

Dr K. Jyothi Prasad, Professor & HOD, Dr B. Rupesh Kumar Naik, Associate Professor has Ledcon-2023, India Society For Lead Awareness & Research (InSLAR) Theme: "A Step Forward to Lead Safe Environment" during the 5th – 6th May 2023.

Dr Hari prasad Vanaparthi, Assistant Professor has attended

1. "Medical Forensicon-2023", a Two Day National Conference with the theme "Importance of Medical Evidence in Criminal Trials" organized by the Department of Forensic Medicine at ACS Medical College & Hospital, Chennai, Tamil Nadu during 4-5 August 2023.
2. CME on " Revolution " 2023 held on 01st December 2023 organized by the Department of Forensic Medicine and Toxicology of Government Chengalpattu Medical College, Tamil Nadu .

14.0 DEPARTMENT OF FORENSIC MEDICINE

Professor & Head
Dr. K.Jyothi Prasad

Faculty

Dr. B.Rupesh Kumar Naik

Dr. V. Hari Prasad

14.1 Publications

1. Venkateswarlu M, Prasad KJ, Kumar DSS, Subash KR, Guthi VR, Mamatha K. Chronological Age Estimation by Physiological Changes in the Teeth Among Deceased Human Adults 2023;17(2): 108-113.
2. Rupesh Kumar Naik B. Are covid-19 related deaths taking time? A Retrospective analysis in a state covid 19 centre at tirupathi. J Pharmaceut Negative 2022;13:9.

14.2 CMEs/Seminars/Workshops/Orations conducted by the dept.

A CME on “**Abdominal Trauma**” was jointly organised by the Depts. of Forensic Medicine, Anatomy, Surgical Gastroenterology and General Surgery at SVIMS on 14.10.2023

14.3 CME/Seminars/Workshops attended

Dr. K. Jyothi Prasad, Professor & HoD has attended

1. 36th Conference (Virtual) “International Conference on Neurosciences and Role of Primary Care Physicians on 30th July 2023.
2. 38th International Conference on Emergency Medicine and Role of Primary Care Physicians on 24th September 2023.
3. Zonal CME-2023 of Forensic Medicine, held at S.V. Medical College, Tirupati on 2nd December 2023.

Dr. B. Rupesh Kumar Naik, Associate Professor has attended

1. Participating and completing the “5 Days Training Programme on Virtual Autopsy” organized by the School of Medico- Legal Studies at National Forensic Sciences University, Gujarat, India in collaboration with Virtual Autopsy – India and accredited by Academy of Forensic Medical Sciences – UK during 16- 20 January 2023.
2. The conference (Toxocon -17) held on 12th March 2023.
3. Orientation Training Course On Health Information Management For Personnel Medical at FSU/ CBHI, Regional Office for Health Family Welfare, Govt. of India, Bangalore during 15-19 May 2023.
4. 4th One Week Online Workshop on Advance Statistical Data Analysis using SPSS Organised by International Institute for Special Education (IISE), Lucknow & Science Tech Institute (Run by MKS Educational Society) at Lucknow, UP India during 21-27 May 2023.
5. Participated in and successfully completed the Professional Development Programme on ‘Implementation of NEP- 2020 for University and College Teachers’ held from 12th to 20th June, 2023 and obtained ‘A’ Grade.
6. Half day online training program on “Lead Poisoning” Conducted by occupational Safety and health training institute (OTI), Kerala on 26th July 2023.
7. ‘Basic Epidemiology’ course during the 13th Basic and Advanced Workshop on Epidemiology organized by Department of Preventive and Social Medicine, Jipmer, Puducherry during 7-10 August, 2023.

Annual Report 2023

8. 'Sample Size Estimation' course during the 13th Basic and Advanced Workshop on Epidemiology organized by Department of Preventive and Social Medicine, Jipmer, Puducherry during 11-12 August 2023.

Dr K. Jyothi Prasad, Professor & HOD, Dr B. Rupesh Kumar Naik, Associate Professor has Ledcon-2023, India Society For Lead Awareness & Research (InSLAR) Theme: "A Step Forward to Lead Safe Environment" during the 5th – 6th May 2023.

Dr Hari prasad Vanaparthi, Assistant Professor has attended

1. "Medical Forensicon-2023", a Two Day National Conference with the theme "Importance of Medical Evidence in Criminal Trials" organized by the Department of Forensic Medicine at ACS Medical College & Hospital, Chennai, Tamil Nadu during 4-5 August 2023.
2. CME on "Revolution" 2023 held on 01st December 2023 organized by the Department of Forensic Medicine and Toxicology of Government Chengalpattu Medical College, Tamil Nadu .

15.0 DEPARTMENT OF GENERAL SURGERY

Professor & Head

Dr Y.Mutheeswaraiiah

Faculty

Dr B.Sriharirao

Dr B.Hari Prasad

Dr S. Muni theja

Dr K.V. Kishore Tangella

Dr B. Rama Krishna

Dr B. Bharathnaik

Dr M.C. Narendra

Dr K. Rajamani

Dr Y.S. Pavan Kumar

Senior Residents

Dr V.NagaRoja

Dr Venkata Krishna

Dr Rohini Kumar

Dr Arpankumar Patel

Dr A. Mallikarjunapavan

Dr K. Adityasarma

PG (MS) Junior Residents

Dr G. Mamatha

Dr Emerald Martin

Dr G.Jaidev

Dr B.Soudarya

Dr GirishantSubramanyam

Dr SumanthYadav

Dr V. Dharmika

Dr G.LakshmiNarasamma

Dr I.S.S Sirisha

Dr M.Blessena

Dr S. SaiGanesh

Dr S. Anusha

15.1 Conferences attended:

National

1. Instructional Course of Diabetic Foot Society of India held at SL Raheja Hospital on 27 – 28 October 2023.

15.2 Presentation by Post graduate residents

Poster presentation

Dr A. Mallikarjuna Pavan. Management of cystic hygroma in a 3 year child - a case report (46th APASICON 2023) (Authors - V.Dharmikachand, Y, B.SrihariRao) Free paper.

Dr G. Mamatha. Its not a lymph node a Rare case of Carotid body tumour (Mamatha G, 2nd year PG 46th APASICON 2023) and A rare case of carotid body tumour

Dr B. Soundarya. A rare case of occult primary thyroid carcinoma presenting as lymphangioma of neck.

Dr M.Blessena. Serial cases of lower limb cellulitis with deep vein thrombosis presenting tertiary care hospital and A rare case of HIV associated lymphoma of the anal canal – 46th APASICON 2023)

Paper presentation

Dr Dharmika. Retrospective study on role of Mannheim peritonitis index in predicting outcome in patients with hollow viscus perforation (Authors - V.Dharmikachand, Mutheeswaraiiah Y, B.SrihariRao).

Prospective randomized comparative study on retro rectus mesh repair VS preperitoneal mesh repair

in ventral hernias. Best paper (Authors - V.Dharmikachand, Mutheeswaraiyah Y, B.SrihariRao, Alladi Mohan, Vijaya Lakshmi Devi)

Dr G. Mamatha. ASICON 2023, held at Vishakapatnam on 13th to 16th December Retrospective analysis of tracheal surgeries in tertiary care teaching hospital in south India

15.3 CME/Seminar/Workshops attended:

Dr Y. Mutheeswaraiyah. Presented Guest lecture on roll of SEPS in management of varicose veins held at CME programme Kadapa on 24-09-2023

15.4 Publications:

1. Rama Krishna, M.C. Narendra, Mutheeswaraiyah Y, Rukmangadha N. The incidence of hypocalcemia following total thyroidectomy: A retrospective study. SVU – IJMS, 6(1): 457-464.
2. Arpan k patel, Rama Krishna B, Mutheeswaraiyah Y. A Case of anterior abdominal wall tuberculosis. Int. J Community Medicine public health, 2023 mar:10(3):1277-9.
3. Hari Prasad B. Retrospective study of Mannheim peritonitis Index in predicting the outcome in patients presenting with secondary acute peritonitis. Journal of Cardiovascular Disease Research; ISSN: 0975-3583, 0976-2833, Volume 14, Issue 01, 2023, Page 465-474).
4. A retrospective study of management and outcome of diabetic foot infections in a tertiary care medical college hospital, Andhra Pradesh (Journal of Cardiovascular Disease Research; ISSN: 0975-3583, 0976-2833, Volume 14, Issue 01, 2023, Page 475-484).
5. Clinical study & management of non-traumatic hollow viscous perforation (European Journal of Cardiovascular Medicine; Vol 13, Issue: 3 – 2023).
6. Kishore Tangella KV, Hari Prasad B, Aditya Sarma K, Mutheeswaraiyah Y, Sri Hari Rao B, Rajamani K. Diagnostic utility of C- reactive protein, Procalcitonin, Erythrocyte sedimentation rate in early

detection of bacterial sepsis. J Cardio Vasc Dis Res 2023;14:250-55.

Dr B. Rama Krishna

1. Rama Krishna Bezawada, Narendra MC, Mutheeswaraiyah y, Rukhmongada N, Kadivellu Adityasarma, Agarapu. Mallikarjuna Pavan. A retrospective clinical study gastro duodenal perforation peritonitis. J. Res Med Dent Sci. 2022;10:23-9.
2. Rama Krishna Bezawada, Narendra MC, Mutheeswaraiyah y, Rukhmongada N. The incidence of hypocalcaemia following total thyroidectomy; A retrospective study. SVU international journal of medical sciences. 2023; 6: 457-64

Dr Kishore:

1. Clinical study and management of non-traumatic hollow viscous perforation vol.13, issue 3-2023 in European journals of cardio vascular medicine
2. Diagnostic utility of CRP, procalcitonin and ESR in early detection of bacterial sepsis. Vol.14, issue 11-2023 journal of cardiovascular disease research
3. A retrospective study of Mannheim peritonitis index in predicting the outcome in patients with secondary acute peritonitis. Vol.14 issue 1 2023 journal of cardiovascular disease research
4. A retrospective study of management and outcome of diabetic foot infections in a tertiary care medical college hospital. Vol.14 issue 1- 2023

Dr M.C. Narendra:

1. Narendra M.C. Kiran GCS, Chandra sekhar N. A Comparative study between laparoscopic transabdominal pre peritoneal repair and total extra peritoneal repair of inguinal hernia. J. Evolution Med Dent Sci 2016;5:2262-6
2. Prasad bh, Narendra MC, Hameed SN. LRINEC: An economical diagnostic tool for prognosis in patient with necrotising soft tissue infections in a

territory care centre. International surgical journal. 2019;6:2007-10 International surgical journal 2022;11:12

3. Krishna cm, narendra mc, mutheeswaraiah y, prakashge, nagamunaiah, raobs, sravya s. Evaluation of roll of trucut biopsy in the diagnosis of clinically palpable breast lumps. J evolution Med Dent Sci. 2020;9:12181-6
4. Purushotham G Suresh babu P. Narendra M.C. A comparative study of stapler circumcision and conventional circumcision. International surgical journal 2023;8

Dr Rajamani:

- 1 Diagnostic utility of CRP, procalcitonin and ESR in early detection of bacterial sepsis. Vol.14, issue 11-2023 journal of cardiovascular disease research
- 2 A retrospective study of Mannheim peritonitis index in predicting the outcome in patients with secondary acute peritonitis. Vol.14 issue 1 2023 journal of cardiovascular disease research
- 3 A retrospective study of management and outcome of diabetic foot infections in a tertiary care medical college hospital. Vol.14 issue 1- 2023 journal of cardiovascular disease research

Dr S. Muni Theja:

1. A Clinical Study of Splenic Injury in Blunt Injury Abdomen in Government General Hospital, Vijayawada” LOSR Journal of Dental and Medical Sciences (LOSR-JDMS) e-ISSN: 2279-0853, p-ISSN: 2279-0861. Volume 18, Issue 11 Ser.8 (November. 2019), PP 33-41

Dr Y.S. Pavan Kumar

1. Pavankumar, SV Eswaran. Elevated liver enzymes in patient with acute cholecystitis. Global journal for research analysis. 2020;9:31-3

Dr B. Bharath Naik

1. V.S. Josna, BhanuBharathnaik, Pala JeevanaPriya, varugusuryatejareddy. An endoscopic study on upper gastro intestinal disorders in rural tertiary care hospital. Int med J 2022.29:7739 -47.
2. P. HariharaSastry, O Siddarth, BhanuBharathnaik, P V Rama Mohan. A study on medical student perception of informed consent qualitative enquiry and reflections on clinical education. Int med J 2022.29:8651-7.

Participation in workshop

1. Participated in workshop at Ganga Hospitals, Coimbatore as a part of Fellowship in Diabetic Foot Surgeons of India, 4th – 17th September 2023.
2. Participated in Basic Course in Medical Education at Nodal Centre of National Medical Council at CMC, Vellore as a Curriculum Committee Member of SVIMS = SPMCW, 19th – 21st September 2023.

ExecutiveBoard Member of Indian Podiatry Association of Andhra Pradesh &Telangana Chapter.

Fellowships

Dr B.Hari Prasad. FDFSI - Fellowship inDiabetic Foot Surgeons of India. (28th October 2023)

16.0 DEPARTMENT OF HAEMATOLOGY

Professor & HoD i/c

Dr Alladi Mohan

17.0 DEPARTMENT OF MEDICAL ONCOLOGY

Professor & HoD

Dr D.Bhargavi

Faculty

Dr Sindhu P

PG (DM) Senior Residents

Dr Aditya V

Dr Advait M.K

Dr RM Keerthana

Dr Alampati Mouriya Reddy

Dr Inaganti Nithin Sai

Dr Rajdeep Bose

17.1 Research Work:

Theses submitted

- Sindhu P.** A study of olanzapine for the prevention of chemotherapy induced nausea and vomiting (CINV) in patients receiving highly emetogenic chemotherapy (HEC) (DM Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.
- Rajiv Gandhi K.** The safety and efficacy of 5-Fluorouracil, Leucovorin, Oxaliplatin, and Docetaxel (FLOT) combination in the front-line treatment for patients with locally advanced and metastatic gastric or gastroesophageal adenocarcinoma (DM Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.

Ongoing thesis work

- Advait M.K.** A study to assess serum CA 125 and CEA levels in carcinoma breast with different stages and subtypes (DM Thesis).
- Raviteja Cherukuri V.** Evaluation of baseline stool culture and its association with microbiologically documented infection during febrile neutropenia in acute leukemia patients undergoing induction chemotherapy (DM Thesis).

17.2 Conferences attended, lectures delivered:

Dr D.Bhargavi attended conference of **bc3** and delivered a lecture on “Epidemiology Clinical Presentation and Diagnosis of Breast Cancer” at Tirupati on 12th November 2022.

Dr Advait MK attended

- International conference on “Recent advances in the Multi-disciplinary management of common malignancies” organized by CCRS at Cochin.
- Indian society of Medical and Paediatric oncology conducted by ISMPO and ISO at Chennai.
- “Annual International Breast Cancer Conference and precision oncology” conducted by Cancer Research and statistic foundation, Jaipur.

17.3 CMEs/Seminars/Workshops/Orations conducted by the dept:

Joint CME organized by Medical Oncology, Surgical Oncology and Radiation oncology departments on 02.07.2022 at Sri Padmavathi Auditorium, SVIMS and delivered lecture on “Immunotherapy in NSCLC”.

17.4 CMEs/Seminars/Workshops/Orations attended:

Dr Advait MK

- 1 Attended International conference on “Hematology and Blood disorders” (Hybrid) conducted by

S.V.Medical College and SVIMS, Tirupati.

- 2 Got 2nd prize for paper presentation for “A study of olanzapine for the prevention of chemotherapy induced nausea and vomiting (CINV) in patients receiving highly metogenic chemotherapy (HEC)” conducted by CCRS at Cochin.
- 3 Got 3rd Prize in the paper presentation of GI malignancy category The safety and efficacy of 5-Fluorouracil, Leucovorin, Oxaliplatin, and Docetaxel (FLOT) combination in the front-line treatment for patients with locally advanced and metastatic gastric or gastroesophageal adenocarcinoma” conducted by ISMPO and ISO at Chennai.

17.5 Other academic activities

Dr V Raviteja Cherukuri participated in Zonal round of ISMPO-TYSA 2022 on 9th October 2022.

18.0 DEPARTMENT OF MEDICINE

Dean, Professor (Senior Grade)

Dr Alladi Mohan

Professor and Head

Dr J. Harikrishna

Faculty

Dr V. Manolasya	Dr K.M. Bhargav	Dr V. Devika Reddy	Dr T. Srilatha
Dr V. Sameeraja	Dr K. Chandrasekhar	Dr CVS Manasa	Dr P. Mohini
Dr M. Babu	Dr C. Sunil Kumar	Dr M. Shri Ramya	
Dr M.C.R.Rama	Dr N. Sai Ram		

Senior Residents

Dr I. Siva Sai Sireesha	Dr P. ChandanaSree	Dr V. Mounika Reddy
Dr M. Arjun	Dr K. Ragamayi	Dr A. Lathasree
Dr Nabeel	Dr B. Venkatarami Reddy	Dr T. Sai Karthik
Dr G. BindhuMadhavi	Dr M. Vijay Krishna	

Postgraduate Junior Residents in MD (Medicine)

I Year

Dr A.DoraBabu
Dr P.Pavani
Dr O.Rajani
Dr T.InduSree
Dr K.Sai Kumar
Dr M.Pavithra
Dr M.HimaSagar
Dr M.Sudhamsu
Dr Syed SeemaTabassum

II Year

Dr N.Siddharth
Dr B.Sireesha
Dr B.Bhargavi
Dr G.Sunitha
Dr A.Shirisha
Dr S.Venkatesh Kumar
Dr M.Greeshmu Reddy
Dr Praveena Prasanth
Dr K.Manoj

III year

Dr S.Vignesh Kumar
Dr Kiran
Dr Ch.Panduranga Reddy
Dr N.Shashank
Dr G.Kushal
Dr K.Vinod Kumar Chowhan
Dr S.Swetha
Dr P.Sreenivasulu
Dr Ch.Chandrasekhar

18.1 Awards, achievements and felicitations

Dr Alladi Mohan is

- International Advisory Board Member for Hutchison's Clinical Methods, 24th Edition (2018) and 25th Edition (2022) (Glynn M, Drake WM, editors. Hutchison's clinical methods. An integrated approach to clinical practice. International Edition. 24th edition. Edinburgh: Elsevier; 2018).*
- Editor, Indian Journal of Chest Diseases and Allied Sciences (Indexed in PUBMED), since 2010.*
- Associate Editor, Lung India (Indexed in PUBMED), since 2010*
- Editor, Journal of Clinical and Scientific Research (Indexed in DOAJ) since 2012*
- Member, Editorial Board, CHEST (Indian Edition), Official publication of American College of Chest Physicians, since 2017.*
- Member, Board of Studies, General Medicine, KAHER, Belgaum since 2020*
- Member, District Zoonosis, Committee since 2021*

8. Expert for assessing PhD research protocols, JIPMER, Puducherry since 2021
9. Expert for Case Discussion in the 44th CME Programme in Internal Medicine organised by the Medical Education & research Trust, Association of Physicians of India, Karnataka Chapter 26 October, 2021

Dr Alladi Mohan was awarded

1. Netaji Oration (“In pursuit of an elusive foe: My Journey in Tuberculosis”) in the APICON 2023, 78th National Conference of the Association of Physicians of India at Gandhinagar, 26-29 January, 2023.

18.2 Research projects

Ongoing Projects

Dr Alladi Mohan is Principal Investigator for the following Research Projects

1. Prevalence, risk factors and laboratory diagnosis of nontuberculous mycobacterial (NTM) disease: a multicentre study, funded by ICMR, New Delhi.

Funded by Sri Balaji Arogya Vara Prasadini Scheme of Sri Venkateswara Institute of Medical Sciences, Tirumala Tirupati Devasthanams, Tirupati:

2. Evaluation of the sensitivity and specificity of a rapid antigen-based point-of-care test for early detection of SARS-CoV-2 antigen.
3. Saliva as an alternative to nasopharyngeal swab for detection of SARS CoV2 using RT-PCR as diagnostic method.
4. Detection of COVID-19 variants in clinically suspected patients attending SVIMS hospital

18.3 Research work

Thesis work carried out in the Department of Medicine

Ongoing thesis work

1. **Vignesh Kumar S.** Aetiology, clinical features and predictors of outcome in elderly patients with sepsis and related syndromes admitted to Medical Intensive

Care Unit (MICU) (MD Thesis).

2. **Kiran.** Comparison of electrolyte values measured by point of care arterial blood gas analyser and laboratory serum autoanalyzer in patients admitted to medical intensive care unit and medicine wards (MD Thesis).
3. **Kushal G.** Clinical and laboratory profile of type 2 diabetes mellitus patients with asymptomatic bacteriuria (MD Thesis).
4. **Vinod Kumar Chowhan K.** Study of deep venous thrombosis in the patients admitted to medical intensive care unit (MD Thesis).
5. **Sreenivasulu P.** To study the proportion of patients with food addiction among recently diagnosed type 2-Diabetes Mellitus patients in tertiary care teaching hospital (MD Thesis).
6. **Shashank N.** Study of association between prolonged corrected QT interval (QTc) and outcomes in patients admitted to a medical intensive care unit (MD Thesis).
7. **Swetha S.** Clinical presentation and predictors of outcome in patients with severe acute exacerbation of chronic obstructive pulmonary disease admitted to intensive care unit (MD Thesis).
8. **Panduranga Reddy Ch.** A study on risk factors, clinical presentation and in-hospital outcome in young adult patients presenting with stroke – A Prospective study (MD Thesis).
9. **Chandrasheker Ch.** Study on clinical presentation and outcome in patients with leptospirosis (MD Thesis).
10. **Siddarth N.** Clinical presentation, utility of image-guided pleural biopsy in aetiological diagnosis of patients presenting with unilateral pleural effusion (MD Thesis).
11. **Praveena Prasanth.** Clinical presentation, laboratory characteristics and in-hospital treatment outcomes of adult patients with brucellosis – A prospective study (MD Thesis).
12. **Bhargavi B.** Clinico-haematological profile of patients presenting with pancytopenia – an observational study (MD Thesis).

Annual Report 2023

13. **Venkatesh Kumar S.** Association of level of serum sodium and potassium in patients with acute exacerbation of chronic obstructive pulmonary disease (MD Thesis).
14. **Greeshmu Reddy A.** Aetiology, clinical profile and outcome in patients with acute respiratory failure requiring mechanical ventilator support: a prospective study (MD Thesis).
15. **Manoj K.** A prospective study on efficacy of education and implementation of ventilator associated pneumonia (VAP) prevention bundle on incidence of VAP in a Medical Intensive Care Unit (MICU) at a tertiary care teaching hospital (MD Thesis).
16. **Sunitha G.** Burden of metabolic syndrome in chronic obstructive pulmonary disease patients (MD Thesis).
17. **Sireesha B.** Epidemiology, aetiology and outcome of health care associated infections: a prospective study (MD Thesis).
18. **Shirisha A.** Burden of pulmonary hypertension in chronic kidney disease – predialysis and in patients on haemodialysis (MD Thesis).

Thesis work carried out in other Departments

Dr Alladi Mohan is Co-Guide for

1. **Dharmika Chand V.** Prospective randomised comparative study on retrorectus mesh repair vs preperitoneal mesh repair in ventral hernias (MS Thesis).
2. **Sai Ganesh S.** Diagnostic utility of red cell distribution width and serum lactate/albumin ratio as predictor of outcome in necrotising soft tissue infections-A prospective comparative study (MS Thesis).
3. **Sriharirao M.** Phenotypic and Molecular characterization of carbapenem resistant enterobacteriaceae in clinical specimens from medical intensive care unit in a tertiary care hospital, SVIMS, Tirupati (MD Thesis).
4. Clinical profile, Characterization and Antifungal susceptibility testing of *Candida* spp in blood stream infections in a tertiary care teaching hospital (MD Thesis).

18.4 Conferences/ Orations/lectures conducted

Dr Alladi Mohan was Quiz Master and Anchor for NAPCON 2023 Postgraduate Quiz for Andhra Pradesh State,

18.5 Conferences attended, lectures delivered

Dr Alladi Mohan delivered the following lectures:

1. “Spectrum of E Cigarette Induced Illness” in the APICON 2023, 78th National Conference of the Association of Physicians of India at Gandhinagar, 26-29 January, 2023.
2. Dr C.S Rao Memorial Guest Lecture “Extra-pulmonary tuberculosis” organised by Association of Physicians of India Krishna District Chapter and Bezwada Medical Association, Indian Medical Association, Vijayawada on 21st February, 2023.
3. “Key Note address: Brucellosis - A neglected global disease” in Online Sensitization Workshop on National One Health Programs for Prevention and Control of Zoonoses (NOHPPCZ) with special emphasis on Brucellosis held on 14th March 2023.
4. “Natural history of TB” in IMA Bangalore Branch Women Doctors Wing World TB day Webinar on 24th March, 2023.
5. “Critique and appreciation of a research article” in the 50th Annual Conference of Andhra Pradesh Chapter of Association of Physicians of India (Golden jubilee APAPICON 2023) held at Vijayawada, 23-24 September 2023.
6. “Rational use of antimicrobials - A clinician perspective” as a guest speaker in CME on World Antibiotic Awareness Week (WAAW-2023) organized by AMR Division, Govt of AP.
7. “Molecular diagnostics for pneumonia - Is it needed?: (Pro in Pro-Con Debate) in the Silver Jubilee Conference on Pulmonary Diseases under the aegis of Indian Chest Society (ICS) and National College of Chest Physicians (NCCP), India (NAPCON 2023) 30 November to 3 December 2023.

18.6 Expert/Chairperson/Panelist/Co-ordinator/Judge

Dr Alladi Mohan was Moderator for Case Based Panel Discussion: Extra Pulmonary Tuberculosis in the

Silver Jubilee Conference on Pulmonary Diseases under the aegis of Indian Chest Society (ICS) and National College of Chest Physicians (NCCP), India (NAPCON 2023) 30 November to 3 December 2023.

18.7 Paper presentation in conference

By postgraduate students

Postgraduate students pursuing MD (Medicine) presented the following papers at the 50th Annual Conference of Andhra Pradesh Chapter of Association of Physicians of India (APAPICON 2023) held at Vijayawada, 23-24 September, 2023.

1. Shirisha A, Ragamayi K, Manasa CVS, Hari Krishna J, Mohan A, Vijayalakshmi Devi B. Snake bite with bilateral multiple cerebral infarcts: A rare presentation.
2. Budumuru Sireesha, Sairam N, Anil Kumar A, Babu M, Vijayalakshmi Devi B. Atypical presentation of Takayasu's arteritis in a young female presenting with acute leptospirosis.
3. Praveena Prasanth, Archana MH, Sunil Kumar C, Hari Krishna J, Alladi Mohan, Vijayalakshmi Devi B, Jayaprada R. Klebsiella pneumonia peripheral lymphadenitis: A rare presentation.
4. Siddarth N, Devika Reddy V, Prasanthi P, Surekha A, Kalawat U. Varicella zoster meningoencephalitis with concurrent herpes zoster involving mandibular division of left-sided trigeminal nerve: A rare presentation.
5. Manoj Kollipara, Harikrishna J, Ragamayi K, Manasa CVS, Alladi Mohan. Cardiac arrest due to obstructive shock.
6. Bhargavi B, Sandhya Reddy N, Manolasya V, Monica Sai N, Sachan A. Primary adrenal insufficiency due to adrenal tuberculosis with incidentally diagnosed subclavian steal syndrome.
7. Venkatesh Kumar S, Sai Ram N, Anil Kumar A, Babu M, Vijayalakshmi B. Secondary hypertension due to unilateral renal artery stenosis.
8. Greeshmureddy A, Bindhumadhavi G, Alladi Mohan, Sachan A, Kalawat TC. Subacute thyroiditis: A rare cause of prolonged pyrexia.

9. Sunitha G, Harikrishna J, Ragamayi K, Manasa CVS, Alladi Mohan. Poisoning with chlorantraniliprole.

18.8 Publications

Publications in indexed journals

1. Varghese GM, Dayanand D, Gunasekaran K, Kundu D, Wyawahare M, Sharma N, Chaudhry D, Mahajan SK, Saravu K, Aruldas BW, Mathew BS, Nair RG, Newbigging N, Mathew A, Abhilash KPP, Biswal M, Prasad AH, Zachariah A, Iyadurai R, Hansdak SG, Sathyendra S, Sudarsanam TD, Prakash JAJ, Manesh A, **Mohan A**, Tarning J, Blacksell SD, Peerawaranun P, Waithira N, Mukaka M, Cheah PY, Peter JV, Abraham OC, Day NPJ; INTREST Trial Investigators. Intravenous Doxycycline, Azithromycin, or Both for Severe Scrub Typhus. *N Engl J Med* 2023;388:792-803.
2. Srikar A, Venkataramana B, Mohan A, Sarma P, Rekha Devi K, Narain K, Chaudhury A. Molecular diversity of Mycobacterium tuberculosis isolates in Treatment-experienced Patients from Andhra Pradesh, India. *J Infect Dev Ctries* 2023;17:1114-24.
3. Nagaraja M, Sireesha K, Srikar A, Sudheer Kumar K, Mohan A, Vengamma B, Tirumala C, Verma A, Kalawat U. Mutation Analysis of SARS-CoV-2 Variants Isolated from Symptomatic Cases from Andhra Pradesh, India. *Viruses* 2023;15:1656.
4. Dinakar K, Jakka MK, Vemannagari PKR, Mohan A, Subramanian BV, Bodagala VD, Bhuma V, Das P, Bonala SR, Vutukuru VR. Efficacy of low-dose lung radiotherapy in the management of COVID-19 patients: a randomised, open-label study. *Br J Radiol* 2023;96:20230022.

18.9 Other academic activities

Dr Alladi Mohan was

Examiner for: MBBS (Dr YSR University of Health Sciences); MD (Internal Medicine) Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh, Goa University, Maharashtra University of Health Sciences (MUHS), Dr MGR Medical University, Tamil Nadu

NMC Assessor for MD (Medicine/General Medicine), MBBS

19.0 DEPARTMENT OF MICROBIOLOGY

Professor & HoD

Dr B. Venkataramana

Faculty

Dr Abhijit Chaudhury
Dr S. Noble Ujesh

Dr R. Jayaprada
Dr V. Harika

Tutor cum PG (MD) Junior Residents

Dr M. Mounika
Dr R. Sanghamitra

Dr K. Yamini
Dr S. Likhitha

19.1. Awards, Achievements and felicitations:

1. **Dr V. Harika** awarded *first prize* in poster presentation on “Trends and Analysis of Needle Stick Injuries of Health Care Workers in a Tertiary Care Center – A Review Of 11-Year Data” in 2nd workshop on HIC by AIG Hospitals, Gachibowli held on June 9th-10th 2023.

19.2 Research Projects:

Principle Investigator: Dr R. Jayaprada

1. **Title:** Role of efflux pumps in antimicrobial resistance: uncovering the efflux pump inhibitory activity of phenyl propanoids and flavonoids” in collaboration with S.V. Veterinary college, Tirupati. **Funding Agency:** ICMR.
2. Co-Investigator **Titled:** Prevalence, risk factors and laboratory diagnosis of Nontuberculous mycobacterial (NTM) disease: a multicentre study. Funded by ICMR & SVIMS-SBAVP.
3. **Title:** “Surveillance of multidrug-resistant, extensively drug resistant and pan drug-resistant organisms for the healthcare facilities using automated antimicrobial susceptibility system—A large scale national multicentric study”. Vide IEC No1187- VAMR phase 1 study in collaboration with JIPMER, Puducherry.
4. **Title:** “Clinical profile, Characterization and Antifungal susceptibility testing of *Candida* spp in blood stream infections in a tertiary care teaching hospital” in 2023.

5. **Title:** Etiology, culture positivity and antimicrobial resistance profile of normally sterile body fluid infections: A six-year retrospective study from a tertiary care hospital.

6. **Title:** INSIGHT-AMR: Integrated Surveillance Network for Sequencing, Health Informatics, and Genomic High-Throughput in Antimicrobial resistance” in collaboration with SSIHS, Puttaparthi. **Funding Agency:** ICMR.

Ongoing Research Project

Dr R. Jayaprada:

1. Srikala V.S VS, Ramakrishna N, **Jayaprada R***. Microbiological profile of peritoneal dialysis fluid in acute and chronic renal failure patients in a tertiary care hospital-**vide IEC No.1058.**
2. Noble Ujesh S, R Jayaprada*, N Ramakrishna, K K Sharma, S Yamini, B Vasavi. Assessment of blood culture contamination rate in tertiary care teaching hospital: A single centre study of South India. **vide IEC No.1056.**
3. Working in GPS project titled “*S.pneumoniae* serotype trends in disease and carriage across all age groups in India: A Multicentric analysis in the light of emerging non-vaccine serotypes” as principal investigator in collaboration with C.M.C, Vellore funded by Melinda Gates foundation & ICMR.
4. Working as principal investigator for project titled “Application of Matrix Assisted Laser Desorption/Ionization-Time of Flight Mass Spectrometry for rapid bacterial species identification among sterile

body fluids in a tertiary care hospital” funded by SVIMS-SBAVP.

Dr V. Harika

1. Working as co-investigator for project titled “Etiology, culture positivity and antimicrobial resistance profile of normally sterile body fluid infections: A six-year retrospective study from a tertiary care hospital”.

Extramural Grant:

1. A prospective multi-centre study to develop an antibiotic resistance prediction model supporting empirical antibiotic therapy. **Vide IEC No.1039** (Co Principal -Investigator).
2. Jayaprada R, Ram, Vengamma B.”**UTI due to Enterobacteriaceae**”-A multicentre study conducted by Sathyasai Institute and BIRAC. (**Principal Investigator**: Dr R.Jayaprada).

Intramural Grant:

1. Mohan A, BhargavK M, HarikrishnaJ,Ramana BV, JayapradaR,AbhaChandra. “Prevalence, risk factors and laboratory diagnosis of Nontuberculous mycobacterial (NTM) disease: a multicentre study(Co Investigator: Dr R.Jayaprada).
2. Jayaprada R, Ramakrishna N,Vengamma B, Mohan A, Ram,VenkataramanaB,Yamini S. Surveillance of multidrug-resistant, extensively drug resistant and pan drug-resistant organisms for the healthcare facilities using automated antimicrobial susceptibility system—a large scale national multicentric study. Vide IEC No1187 (**Principal Investigator: Dr R. Jayaprada**).

Faculty Projects:

Dr R. Jayaprada

1. JayapradaR,Vengamma B, Mohan A,Venkataramana B, Ramakrishna N.”Accurate microbial identification and antimicrobial susceptibility testing of positive blood cultures using automated identificationsystem”. (Principal Investigator: Dr R.Jayaprada).
2. Evaluation of antibiotic stewardship initiative, monitoring of adverse drug reactions (ADR’s) and pharmacoconomics in nephrology unit in a tertiary

care hospital in south India: a pilot study.(Co Investigator: Dr R.Jayaprada).

Dr V. Harika

1. Co-investigator for “Continuous quality improvement in urine culture reporting by competency assessment of laboratory personnel and evaluating the diagnostic cycle for factors impacting urine culture reporting” in Kasturba Medical College, Mangalore.

Approved Projects:

Dr R. Jayaprada

1. JayapradaR,RamakrishnaN, Mohan A, Venkataramana BV, Yamini S. “Application of Matrix Assisted Laser Desorption/Ionization-Time of Flight Mass Spectrometry for rapid bacterial species identification among sterile body fluids in a tertiary care hospital”.(**Principal Investigator: Dr R.Jayaprada**).
2. Ram, **JayapradaR**, Raniprameela D, LakshmiAiswarya P, VenkataramanaB. **Overlooked Risk for Chronic Kidney Disease after Leptospiral Infection. (Co Investigator: Dr R.Jayaprada)**.
3. Approved the research project titled “Planning and Designing of a Modern CSSD in a tertiary care hospital-a need of the hour” funded by SVIMS-SBAVP.

Research Projects under Review:

Dr R. Jayaprada

1. Title of the research project: “**Molecular and Biochemical Characterization of clinical isolates of Beta hemolyticStreptococci**”

19.3 Research work

Thesis work

1. **Mounika**. Evaluation of Microbial characterization of Biofilms in Peritoneal Dialysis Infections And the Impact Of Dialysis Fluids On Biofilm (MD Thesis).
2. **Vignesh kumar S**. Aetiology, Clinical features and Predictors of outcome in elderly patients with sepsis and related syndromes admitted to Medical Intensive care unit (MD Thesis).

Annual Report 2023

3. **Kushal G.** Clinical and Laboratory profile of type 2 Diabetes mellitus patients with asymptomatic bacteriuria (MD Thesis).
4. **Soundarya B.** A prospective observational study on effectiveness of Manheim peritonitis index in predicting mortality of patients presenting with gastro duodenal perforation peritonitis (MD Thesis).

Thesis work carried out in other Departments

Dr R. Jayaprada, Co-Guide

1. Ravi Thejacherukuri V. Evaluation of baseline stool culture and its association with microbiologically documented infection during febrile neutropenia in acute leukemia patients undergoing induction chemotherapy (DM Thesis).
2. Anupam bhargav. Study of Risk Factors and Complications of Neglected Double- JStentin Cases Presenting To Urology, SVIMS (DM Thesis).

19.4 Conference attended, Lectures delivered:

1. Dr R. Jayaprada Presented a guest lecture on “AMR- Testing practices, Utility of an antibiogram in hospital settings” in CME and World Antibiotic Awareness Week (WAAW-2023) conducted by Government of A.P in the month of November, 2023.
2. Dr R. Jayaprada Participated and Presented Video lecture on Needle stick Injury prevention during “World Patient Safety day” at SVIMS and the same was uploaded in W.H.O website in the month of September, 2023.

19.5 Presentations by Postgraduate students

1. Dr R. Sanghamitra attended and presented poster on Fungal infections and Mycology masterclass by FISH at MYCOCON 2023 – Pune, 5th International Conference.

19.6 Publications

1. Srikar A, Venkataramana B, Mohan A, Sarma P, Rekha Devi K, Narain K, Chaudhury Abhijit. Molecular diversity of Mycobacterium tuberculosis isolates in Treatment-experienced Patients from Andhra Pradesh, India. J Infect Dev Ctries. 2023 Aug 31;17(8):1114-1124. (PMID: [37699092](#))

2. Acharya Alisha, Saha Pabitra, Chaudhury Abhijit, Guha Subhasish Kamal, Maji Ardhendu Kumar. Prevalence of histidine-rich protein 2 deletion among the *Plasmodium falciparum* isolates from Kolkata. Tropical Parasitology 2023; 13: 16-21. (PMID: [37415751](#)).
3. Vineela K, Ramakrishna N, Jayaprada, R Mohan A, VenkataRamana, BTirumalaC, et al. A Study of diagnostic accuracy of Xpert MTB/RIF in pulmonary tuberculosis in a tertiary care teaching hospital, SVIMS, Tirupati, Andhra Pradesh- Submitted to IJMR.
4. Sriharirao M, Venkataramana B, Jayaprada R, Mohan A. Phenotypic and molecular characterization of carbapenem resistant enterobacteriaceae in clinical specimens from medical intensive care unit in a tertiary care hospital- Submitted to IJPM.
5. Komali B, Harika V, Ramakrishna N, Greeshma D, Sameeraja V MD, Jayaprada R. "Evaluation of direct disk diffusion antimicrobial susceptibility testing of blood culture in patients with Gram negative bacteremia and its usefulness in patient outcome" / - Accepted in IJMM.
6. Harika V, Jayaprada R, Venkata Rami Reddy V, Sarala S, Bhavya K. "What's cheesier than a Whitmore's liver? An accidental diagnosis of melioidosis".- Accepted by Asean journal of radiology.
7. Bhargav KM, Virali Gulla, Ragamayi K, Susmith K, Jayaprada R. Bilateral Septic Arthritis of the Knees in a Patient With Hair-Dye Poisoning. Cereus. 2023; 43853.
8. Authors: Harika Vangara, Jayaprada Rangineni, Venkata Rami Reddy Vutukuru, Sarala Settopalli, Bhavya Kotapati.

Reference (International journal): What is cheesier than a Whitmore's liver? An accidental diagnosis of melioidosis. The Asean Journal of Radiology. 2023; 29(3): 270 – 80.

19.7 Publications under peer review

1. Journal - Indian Journal of Medical Microbiology Manuscript number: IJMMB-D-23-00621R1. Authors: Bhyri Komali, Vangara Harika, Rangineni Jayaprada, Nukkaboina Ramakrishna,

Vaddera Sameeraja, Duvvuru Greeshma. Title: Evaluation of direct disk diffusion antimicrobial susceptibility testing of blood culture in patients with Gram negative bacteremia and its usefulness in patient outcome”.

2. Journal - Infection Prevention in Practice. Manuscript number: IPIP-D-23-00129. Authors: Shenoy M Suchitra, Vangara Harika, RaoPooja. Title: Trends and analysis of needle stick injuries of health care workers in a tertiary care center – a review of 11-year data

19.8 CMEs /Seminars /Workshops /Orations conducted by the dept.

1. Departments of Microbiology, Community Medicine & Clinical Virology jointly conducted Institutional CME on the topic Emerging Infections dated: 01.04.2023 at Sri Padmavathi Auditorium, SVIMS.

19.9. CMEs / Seminars / Workshops / Trainings attended:

Dr B. Venkataramana completed certification in Lead Auditors for NABL training ISO 15089 -2022 by FQI, India on in the month of May, 2023.

Dr R. Jayaprada, was

1. Completed certification in Lead Auditors for NABL training ISO 15089 -2022 by FQI, India on in the month of May, 2023.
2. Participated& completed hands -on -training in “Enhancing Quality in Molecular Lab” conducted by American Society of Microbiology in the month of August, 2023
3. Participated& completed hands -on -training in “Lab diagnostic capacity building for Invasive Bacterial Disease Surveillance at C.M.C, Vellore conducted by W.H.O. in the month of September, 2023.
4. Nodal officer for AP-SAR and SVIMS was identified as Centre for AMR Excellence by W.H.O in the month of October, 2023.
5. Completed certification on AMS course **Antimicrobial Stewardship Course** organized by One Health Trust (OHT) in November 2023.
6. Participated& trained Certified Regional Training cum workshop on IPC & BMW practices during

pandemic awareness conducted by USAID, NHSRC, RISE& Govt of A.P. in the month of December, 2023.

Dr Ujesh, completed certification in Lead Auditors for NABL training ISO 15089 -2022 by FQI, India on in the month of May, 2023.

Dr V. Harika, attended

1. Webinar on “Dealing with Pandemic Pathogens in Lab: Biosafety Level 3 & 4” by Manipal GOK – Bioincubator on 20/01/2023.
2. Seminar on Evidence based Clinical decisions in Management of Urinary Tract Infections “ by Department of Microbiology, Kasturba Medical College, Mangalore, MAHE on 28/01/2023.
3. Symposium Commemorating World Neglected Tropical Diseases (NTD) Day 2023, by Prasanna School of Public Health, Manipal Centre for Infectious diseases on 30/01/2023.
4. Webinar on Melioidosis a killer disease: demystifying facts by IMS & SUM Hospital on 07/02/2023.
5. Annual Clinical Medicine Update by KMC, Manipal (MAHE) on 18/02/2023 and 19/02/2023.
6. Bugtales - Infections with Non-tuberculous Mycobacteria by Society for Clinical Microbiology on 11/03/2023(Virtual).
7. 4thManipal Infectious Disease Conference by MAC ID, KMC Manipal on 24/03/2023.
8. CME – IDCON by AIIMS Jodhpur on May 6th 2023 (Virtual).
9. CME on HIC (2nd Workshop) by AIG Hospitals on June 9th and 10th 2023.
10. Symposium on the eve of World Zoonoses day by Manipal Institute of Virology, KMC Manipal on July 7th 2023.
11. CME on Viral Hepatitis by AIIMS Rajkot in July 28th 2023 (Virtual).
12. SSI Prevention by HIMSF, Mumbai on July 29th, 2023(Virtual).
13. Hands on Workshop on “Diagnosis of Autoimmune diseases” by Ever life Diagnostics on 03/02/2023

and 04/02/2023 in Kasturba Medical College, Mangalore.

14. Online transition certificate course for already trained auditors as per ISO 15189:2022 by FQI, India on 06/03/2023 and 07/03/2023.
15. AVIATOR workshop for Laboratory Quality Management by KMC Mangalore in association with BD Diagnostics on August 8th 2023
16. Two month certificate course in Antimicrobial Stewardship by Department of Microbiology, KMC Mangalore in association with Pfizer from August 7th to October 7th 2023.
17. Advanced Methods Systematic review and meta-analysis workshop by Department of Community Medicine, KMC Mangalore on 2nd and 3rd November 2023.
18. Symposium on the eve of World HIV day on December 1st 2023 conducted by Department of Infectious diseases, KMC Manipal.

Dr M. Mounika, attended CIDSCON 2023 – Chennai Trade Centre conference and workshop from 6th July, 2023 to 9th July, 2023.

Dr R. Sanghamitra, attended

- CIDSCON 2023 – Chennai Trade Centre conference and workshop from 6th July, 2023 to 9th July, 2023.
- PG Assembly 2023 at JIPMER, Puducherry from 10th August to 12th August, 2023.

19.10 Other academic activities

Dr Abhijit Choudhury

1. Reviewer for:
 - a. Indian Journal of Medical Research
 - b. Indian Journal of Medical Microbiology
 - c. BMC Microbiology
 - d. Frontiers in Public Health
2. Speaker in IATP Webinar, held on 16th February, 2023, on the topic entitled “Asymptomatic malaria: The silent threat”

3. NAAC assessor for Maharashtra Institute of Medical Sciences, Latur.
4. Ph.D Examiner: AIIMS, New Delhi; PGIMER, Chandigarh, BHU, Varanasi.
5. Member Board of Studies, IMS, BHU, Varanasi.
6. MBBS examiner at TN Dr MGR Medical University, SDUAHER, Kolar; KNRUHS, YSRUHS.
7. MD examiner at West Bengal University of Health Sciences.
8. **Book Editor:** *Editorial Board Member of “Textbook of Microbiology and Immunology” by SC Parija. Springer Nature, Singapore, 2023.*

Dr R. Jayaprada

1. Presently working as Associate editor for Journal of Clinical & Scientific Research (JCSR), SVIMS, and Tirupathi since 2013 to till date.
2. Presently working as Hospital Infection Control Lead & Established **Hospital Infection Control Programme** to its full extent from 2013 onwards to till date.
3. Presently working as AMSP Lead for SVIMS Antimicrobial Stewardship committee and working on strict implementation of antibiotic policy in association with the clinicians and uploaded 13 editions of AMSP pocket guides in SVIMS website.
4. *Working* with NABL team as deputy director for microbiology lab for NABL accreditation.
5. Nodal officer for AP-SAR and SVIMS was identified as Centre for AMR Excellence by W.H.O.

Dr V. Harika

1. Lifetime Membership of Indian Association of Medical Microbiologists - Telangana Andhra Pradesh Chapter (IAMM TAPC). Membership number : LM/647/TAPC
2. Global outreach Post-doctoral Member of American Society of Microbiology (ASM), Washington DC, USA.

20.0 DEPARTMENT OF NEPHROLOGY

Professor & HOD

Dr R.Ram

Faculty

Dr V.Siva Kumar

Dr Lakshmi Aishwarya Pavuluri

Dr R.D.Nagaraj

PG (DM) Senior Residents

Dr S. Mathini

Dr V. Sakthivel

Dr S. K. Shameda Heera

Dr Kokila

Dr N. Prasanna

Dr J. Jeeja

Dr Jagriti

Dr Viswa Teja Kumar

Dr T. Surya Prakash

Dr Durgaprasad

Dr M. Srikanth

Dr Namesh Kamat

Dr R. Venkatesh Naik Dr K. Hazirunnisa

Junior Residents

Dr G. Gayathri Bhat

Certificate course in Basics in Dialysis Management

Dr A. Karthik Reddy

20.1 Awards, achievements and felicitations

1. Dr Namesh Kamat was awarded the best paper presentation at AP society of Nephrology “APSNCON 2023”

20.2 Research work

Theses submitted

1. **Mathini S.** Assessment of nutrition, adipocytokines, insulin resistance, oxidative stress, inflammation endothelial dysfunction and cardiovascular risk in non-diabetic CKD patients on chronic peritoneal dialysis(DM Thesis). Tirupati, Sri Venkateswara Institute of Medical Sciences 2023.
2. **Prasanna Kumar N.** Assessment of oxidative stress, inflammation and urinary podocalycin in patients of active lupus nephritis (D.M. Thesis) Tirupati, Sri Venkateswara Institute of Medical Sciences 2023.”

Ongoing thesis work

1. Dr V. Sakthivel:”A study of lower limb peripheral arterial disease in diabetic chronic kidney disease patients(D.M. Thesis)”.

2. Dr Jeeja: “Study of oxidative stress and inflammation in preeclampsia (D.M. Thesis)”.
3. Dr T.Surya Prakash: “Study of oxidative stress, inflammation, lipid abnormalities, insulin resistance in ADPKD patients (D.M. Thesis)”.
4. Dr Namesh kamat:”Study of peripheral and epicardial fat thickness, oxidative stress, inflammation, metabolic risk in predialysis CKD patients-Diabetic and Non-diabetic (D.M. Thesis)”.
5. Dr Shaik Shameda Heera: “A study of oxidative stress, inflammation and metabolic impact on cardiovascular system in diabetic and non- diabetic patients of chronic kidney disease on maintenance haemodialysis and peritoneal dialysis.”
6. DrVenkatesh “study of pulmonary hypertension in different stages of CKD”
7. Dr Durga Prasad “A Study Of Clinical Features, Oxidative Stress And Inflammation In Patients With Vascular Access Related Arteriovenous Fistula Malfunction, Endovascular Interventions, Outcomes And Follow Up In Diabetics And Non-Diabetic

Annual Report 2023

Patients With Chronic Kidney Disease On Maintenance Hemodialysis”

8. DrJagritee: “A Study of Assessment of Oxidative stress and inflammation in primary glomerular diseases”

20.3 Conferences attended, Lectures delivered by faculty

Dr V. Siva Kumar, attended

1. The AP State Nephrology Conference, 2023 Vishakhapatnam and delivered a lecture on History and progress of peritoneal dialysis.
2. The Southern chapter Nephrology Conference at coimbatore, 2023 and delivered a lecture on Mechanical complications in Peritoneal Dialysis.

DrR. Ram, attended

1. 53rd Annual Conference of Indian Society of Nephrology, Calcutta and delivered a lecture on Aetiology of CKD.
3. APCM - ISPD 2023, New Delhi and delivered a lecture on Advances in APD.
4. Delivered a lecture on Prescription of CAPD.
5. 9th Andhra Society of Nephrology Conference, Vizag and delivered a lecture on Prescription of CAPD.

20.4 Presentations by postgraduate students

Postgraduate students pursuing DM (Nephrology) presented the following posters and papers at ISNCON 2023

1. Namesh Kamat. Effect of blood flow rate on phosphate removal and hemodialysis adequacy” and “Unmasking the great masquerader- vasculities”.
2. Sakthivel. “Mycobacterium leprae as a cause of infection-related glomerulonephritis” and a paper titled “Study to Investigate the Effects of Starting Peritoneal Dialysis within 7 days and 14 days of Laparoscopic Peritoneal Dialysis Catheter Placement”

3. Jeeja JJ.” Amaurosis fugax in a mhd patient due to a rare cause”, “A case report on chronic kidney disease solitary kidney with obstructive uropathy due to mullerian agenesis” and “Clinical significance of presence of IGM deposits in patients with IGA nephropathy”.

4. Surya Prakash. Rare presentation of young male with multiple myeloma presenting as proximal tubulopathy with light chain cast nephropathy.

AP society of Nephrology conference (APSNCON) 2023

1. Jeeja JJ. Epidmlology, clinical features and outcomes of enophthamitis in maintainence heamodialysis patients in a tertiary care centre.
2. Surya Prakash. U shaped mortality relation between uric acid and capd patients.

ISN 2023 at Kolkata

1. **Durga Prasad.**”Rare presentation of young lady with camphor poisoning presenting as acute interstitial nephritis.

10th Asia pacific chapter meeting of the international society for peritoneal dialysis ISPD, 2023

1. Durga Prasad. Abdominal wall calcifications in a peritoneal dialysis patient.
2. Venaktesh. Continuation of Peritoneal dialysis in patient of tubercular peritonitis.
3. Shaheeda Heera. Outcomes of pd patients with peritonitis with switch over to HD.
4. Jagritee. Influence of Seasonal variations on the incidence an outcome of CAPD associated peritonitis – A single centre retrospective study from South India at ISPD, 2023.

20.5 Publications

Publications in indexed journals

1. Naveen K, Kusuma Kumari M, Lakshmi AY, Sivakumar V, Ram R, Aparna B. A study of oxidative stress, inflammation and endothelial dysfunction in diabetic and non-diabetic chronic

- kidney disease pre-dialysis patients. *Indian J Nephrol* 2023.
- Pubmed Index: Yes
Source List: DOAJ, EMBASE/ Excerpta Medica, Scopus, Scimago Journal ranking, Indian science abstracts Emerging sources citation Index.
2. Gayathri, Monica K, Aishwaryalakshmi P, Mathini S, Prasannakumar N, Ram R, Sivakumar V. Systemic lupus erythematosus nephritis and covid 19 disease. *Clinical rheumatology* 2023. Pubmed Index: Yes
 3. Manual MB, Meedoru KK, Yadagiri LA, Vijayalakshmi V, Bitla AR, Ram R, Sivakumar V. Correlates of atherosclerotic vascular disease in stable postrenal transplant patients from south india. *Indian J Transplantation* 2023;17:68-73
Pubmed Indexed: No, Scopes : Indexed with DOAJ, Scimago Journal ranking scopus.
 4. Sai Sameera. N, Aishwarya Lakshmi. P, Sangeetha Lakshmi B, Ram R, Sivakumar V. A study of near death experience in patients with chronic kidney disease. *OMEGA-journal of death and dying*, 2023, 1, 11. Pubmed Index: Yes
 5. Sakthivel V, Mathini S, Prasanna Kumar N, Krishna Priya N, Navya T, Srilakshmi G, P. Aishwarya Lakshmi, R. Ram, V. SivaKumar "Mycobacterium leprae as a cause of infection – related Glomerulonephritis" *Nephrology (carlton)* 2023 April : 28(4) : 254-255
 6. Gayathri C, Monica K, Aishwarya Lakshmi P, Mathini S, Prasanna Kumar N, Ram, Siva Kumar V. Systemic lupus erythematosus nephritis and COVID 19 disease. *Clinical Rheumatology* <https://doi.org/10.1007/s10067-023-06634-4>. Published online on 17 May 2023
 7. Krishna Priya N, Navya T, Srilakshmi G, Ram R & Siva Kumar V. Renal Tubular Acidosis Following Wasp Sting: a Case Report. *SN Compr. Clin. Med.* 5, 77 (2023). <https://doi.org/10.1007/s42399-023-01411-5>.
 8. Koti Reddy K V, Kumar P, Raju S S, Gaddam S, Sailaja S L, Priyanka A, Gupta K R, Subramanyam P, Pavuluri AL, Reddy K D, Kumar B A, Babu C K, Charishma G, Prashanthi K D, Ram R. A serum interleukin-6-based analysis of patients with nasopharyngeal swab reverse-transcriptase polymerase chain reaction negative for SARS-COV-2 infection with CO-RADS 4 and 5 on computed tomography of the chest. *J ClinSci Res* 2023;12:45-50.
 9. Kusuma Kumari N, Naveen K, Ram R, Aparna B, Siva Kumar A study of oxidative stress, inflammation and endothelial dysfunction in diabetic and non-diabetic chronic kidney disease pre-dialysis patients. Accepted in *Indian Journal of Organ Transplantation*.
 10. Aishwarya Lakshmi P*, Latha Margarate Christopher*, Hemalatha N, Fahima S, Sunnesh A, Mathini S, Prasanna Kumar N, Vishwaeswar Rao G, Raja Amarendra M, Naveen K, Gayathri Bhatt. G, Srilakshmi G, Maria Bethasida Manuel, Alekhya B, Virali G, Yagnapriya C, Sindhu M, Pravallika K, Ram R, Siva Kumar V, Vengamma B. COVID-19 disease in peritoneal dialysis patients: a single centre experience in India. Accepted in *Journal of Nephrology*. <https://doi.org/10.1007/s40620-022-01523-6>.

20.6 CMEs/Seminars/workshops/orations conducted by the department

A CME on urinary tract infection in pregnancy was jointly organized by the Department of Nephrology, OBG and Urology at SVIMS on 6th May 2023.

20.7 CMEs/Seminars/workshops attended

Dr V. SivaKumar certificate of training foundation course in pain and palliative Medicine from 19.06.2023 to 04.08.2023, Trivandrum Institute of Palliative Sciences – Extension for community Health care outcomes (TIPS-EHCO) programme.

21.0 DEPARTMENT OF NEUROLOGY

Professor & HoD

Dr R.Nandhagopal

Faculty

Dr Y.Raghu Nandini

PG (DM) Senior Residents

Dr G.Mounika

Dr M.V.S.VijayKumar

Dr S.Srija

Dr M.Priyanka

Dr K.Sarath Chandra

Dr M.RanjithKumar

Dr All Krishnakar Reddy

Dr Vadde Akhil

Dr Kodam Alekya

21.1 Awards, Achievement and felicitations

1. Dr Nandhagopal served as an external examiner for DrNB clinical exams in 2023. He is a fellow of the Royal College of Physicians, London (UK), American Academy of Neurology and American Neurological Association.

21.2 Research Projects

Ongoing Research Projects

1. **Principal Investigator:** Dr R. Nandhagopal, Project Title: "HTA of National Stroke Care Registry Programme Development of Hospital Based Stroke Registries in Different Regions of India" at SVIMS Tirupati, (ICMR – NCDIR Project).

21.3 Research Work

Theses submitted

Thesis work carried out in the Department of Neurology

1. **Sai Arun K.** Predictors of functional outcome in Recurrent Stroke: A Prospective observational study (DM Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.
2. **Sura Srija.** Post-Stroke Seizures: Clinicodemographic Profile and Predictors of Early and Late Seizures (DM Thesis). Tirupati: Sri

Venkateswara Institute of Medical Sciences; 2023.

3. **Abdul Hakeem SK.** Predictors of Outcome in Intracerebral Haemorrhage: A Prospective Observational Study (DM Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.

Ongoing thesis work

1. **Vijay Kumar MVS.** Stroke Risk Factor Profile Based on Age, Gender and Stroke Subtypes: A Prospective Study (DM Thesis).
2. **Mounika Gopalam.** Prognostic Significance of Phrenic Nerve Conduction Parameters in Guillain-Barre Syndrome (DM Thesis).
3. **Madireddy Priyanka.** Decompressive Hemicraniectomy in Acute Stroke: Stroke Subtype, Risk Factor Profile, Timing of Surgery, Complications and Short-term Outcome (DM Thesis).
4. **Kantam Sarath Chandra.** Stroke Subtypes, Risk Factor Profile, Glycosylated Hemoglobin Level and Short-term Outcome of Acute Stroke in Diabetes Mellitus (DM Thesis).
5. **Mungara Ranjith Kumar.** A Study of Frequency, Electroclinical Profile, Inheritance Pattern and Short Term Outcome of Genetic Generalized Epilepsy in SVIMS (DM Thesis).

21.4 Conferences attended, Guest Lectures delivered:

1. **Dr Nandhagopal**, delivered a guest talk entitled “A potpourri of Interesting Neuro-ophthalmologic Cases: Clinical Pearls” in the CME on Neuro-Ophthalmology Update in Aravind Eye Hospital, Tirupati on 23rd July 2023.

21.5 Presentations by postgraduate students

1. **Dr S K Abdul Hakeem** (DM Final year Resident) presented the research work entitled “Predictors of Outcome in Intracerebral Haemorrhage: A Prospective Observational Study” in the Research presentation held at Sri Padmavathi Auditorium, SVIMS dated 11th February, 2023.
2. **Dr S.Srija** (DM Final year Resident) made a clinical presentation entitled “A 50 years old man with diplopia” (supervised/moderated by Dr R.Nandhagopal, Professor) for the clinical case presentation held at Sri Padmavathi Auditorium dated 02nd March, 2023
3. **Dr S.Vignesh Kumar** (2nd year PG Resident, Dept of Medicine) participated in the Clinical Pathological Correlation (CPC) entitled “From the Case Record of SVIMS: An Adolescent Girl with Paroxysmal Events” held at Sri Padmavathi Auditorium (SVIMS) dated 29th July, 2023 (this presentation was supervised / moderated by Dr R.Nandhagopal))
4. **Dr M.Priyanka** (DM resident-First year) presented the spotter “Where the skin and muscle signal the disease” at Sri Padmavathi Auditorium dated 23rd September, 2023
5. **Dr Kiran & Dr Srinivasulu**, Second year PG Resident, from the Dept. of Medicine, SVIMS participated in the debate “Does Antiplatelet Resistance Exist in the Setting of Recurrent Ischemic Stroke?” moderated by Dr Nandhagopal and held at Sri Padmavathi Auditorium, SVIMS dated 09th November, 2023

21.5 Publications:

Book Chapter:

1. Nandhagopal R, Vengamma B, Radhakrishnan K. Central Nervous System Tuberculosis. In: Sharma

SK and Mohan A, editors. Textbook of Tuberculosis and Non-tuberculous Mycobacterial Diseases. 3rd ed. New Delhi (India): Jaypee Brothers Medical Publishers (P) Ltd (in Press)

21.6 CMEs Seminars/workshops attended

APNEUROCON 2023 (XXX Annual Conference of the Andhra Pradesh Neuroscientists Association) in Kurnool during 7-9 July, 2023

1. Dr M.V.S.Vijay Kumar, DM Postgraduate Resident, a case presentation entitled “NESCAV Syndrome, a rare presentation mimicking JOUBERT Syndrome.”
2. Dr Mounika Gopalam, DM Postgraduate Resident, a case presentation entitled “A rare case of progressive myoclonic epilepsy: Lafora disease”.

21.7 Other academic activities significance.

The Department performs daily clinical, teaching & research activities and participates in weekly Tuesdays Neuro-radiological sessions (in collaboration with the Departments of Radiology and Neurosurgery), weekly clinical case presentation and discussion, clinical data interpretation, local protocol development for different neurological disorders, Journal club, Seminars, Electrophysiology classes and other academic research programs. We also accept postgraduate students of Medicine, Psychiatry and Emergency Medicine and PharmD students for exposure to the spectrum of Neurological diseases including Epilepsy, Stroke, Neuro-infections and Movement Disorders. We also organise teaching sessions for B.Sc Nursing, Physiotherapy trainee students (BPT) and assess the knowledge of the trainee pertaining to the specialty of Neuro-rehabilitation in the end-of-the rotation exam

BSC NPT (Neurophysiology Technology): 5 students per year admission (2023 onwards). BSc Neurophysiology Technology is a undergraduate program aimed at equipping students with the knowledge of electrophysiological evaluation of central and peripheral nervous system in health and diseases.

22.0 DEPARTMENT OF NEUROSURGERY

Professor & HoD

Dr V.V. Ramesh Chandra

Faculty

Dr B.C.M. Prasad

Dr K. Venkat

Dr K Shiva Kumar Reddy

Dr K Chandra Sekhar Reddy

Dr CH Sekhar Chagipalli

Dr Venkatesh V Kharalkar

Dr Praveen Yangannagari

PG (MCh) Senior Residents

Dr N Satwik

Dr Mahesh

Dr Rakesh Kumar

Dr P Anil Kumar

Dr V Prasanna Kumar

Dr Sree Detta Pradeep

Dr M. Siva Prasad

Dr Kanduri Prithvi

Dr G. Praneeth Prem Kumar

22.1 Awards, achievements and felicitations

1. **Dr K Venkat, Associate Professor** was awarded “Outstanding young person” by Junior Chambers International Tirupati on 5th Sep 2023.

22.2 Research Projects:

Ongoing research projects

Principal Investigator: Dr VV Ramesh Chandra

1. **Title:** Prospective Study For Validation Of Proposed Novel ‘SVIMS Criteria’ For The Diagnosis Of Intracranial Tuberculoma Year of beginning:2020, Duration: 2 years. **Funding:** nil
2. **Title:** A Study Of Highly Sensitive–C Reactive Protein And Serum Homocysteine Levels In Patients With Intracranial Aneurysm Patients. Year of beginning: 2021, **Funding:** SBAVP.
3. **Title:** A Study To Correlate The Microsurgical Anatomy Of Intracranial Aneurysms With Highly Sensitive –C Reactive Protein And Serum Homocysteine Levels. Year of beginning: 2021, **Funding:** SBAVP.
4. **Title:** A study of utility of video-ICG in patients with cerebral aneurysm. Year of beginning: 2021, **Funding:** SBAVP
5. **Title:** Navigation Assisted Placement Of Pedicle Screws In Sub Axial Cervical Spine- A Prospective Analysis In 30 Patients. Year of beginning: 2021, **Funding:** SBAVP
6. **Title:** An Evaluation of accuracy of placement of lumbar interbody Cages using navigation in Comparison to that without navigation. Year of beginning: 2021, **Funding:** SBAVP.
7. **Title:** Comparison Of Navigated And Non Navigated Technique Placement Of Pedicle Screws In Minimally Invasive Spine Fixation. Year of beginning: 2021, **Funding:** SBAVP.
8. **Title:** A Prospective Study Of Clinical And Radiological Outcomes Following Neuro-Navigation Assisted Minimally Invasive Approach To Deep Seated Brain Tumors. Year of beginning: 2021, **Funding:** SBAVP.
9. **Title:** A Comparative Study Of Neuro navigation Assisted Trajectory Planning For Deep Brain Biopsy With Susceptibility-Weighted Imaging And T1W Contrast Imaging. Year of beginning: 2021, **Funding:** SBAVP
10. **Title:** A Study of Clinical and Radiological Predictors of Ease of Surgery in Interlaminar Endoscopy Year of beginning: 2021, **Funding:** SBAVP.

- Title:** Study of the outcomes of Inter laminar endoscopy for Lumbar canal stenosis - Analysis of predictors of poor outcome. Year of beginning: 2021, **Funding:** SBAVP.
- Title:** Comparative Study Of Microsurgical Lumbar Discectomy (MLD) And Percutaneous Endoscopic Lumbar Discectomy (PELD) Based On Clinical Outcome, Muscle Injury Markers And Imaging Changes. Year of beginning: 2021, **Funding** SBAVP.
- Title:** Utility Of Spinal Endoscopy In Cervical Canal Stenosis - Analysis In 15 Patients. Year of beginning: 2021, **Funding:** SBAVP.
- Title:** The Role Of Endoscopic Third Ventriculostomy In The Treatment Of Communicating Hydrocephalous Year of beginning: 2022, **Funding:** SBAVP.
- Title:** Safety and efficacy of endoscopic repair of CSF rhinorrhea Year of beginning: 2022, **Funding:** SBAVP.
- Title:** Role of endoscopy in endonasal endoscopic Trans sphenoidal removal of pituitary tumours with supra sellar extension. Year of beginning: 2022, **Funding:** SBAVP

22.3 Research work

Theses submitted

- Praveen Y.** Clinical And Radiological Predictors Of Poor Outcome In Patients Undergoing Oblique Lumbar Interbody Fusion For Lumbar Spondylolisthesis (MCh Thesis). Tirupati: Sri Venkateswara Institute of Medical sciences; 2023
- Venkatesh V K.** A Comparative Analysis Of The Outcome Of Two Surgical Procedures For Vestibular Schwannoma Excision - Extra Capsular Approach Without Neuro Monitoring And Excision With Intra Operative Neuro Monitoring (MCh Thesis). Tirupati: Sri Venkateswara Institute of Medical sciences; 2023.

Ongoing thesis work

- Satwik N.** Evaluation, Surgical Planning and outcomes in patients undergoing C1-C2 fusion and cage placement for Craniovertebral Junction

Anomalies - A Clinical and Radiological Observational study (MCh Thesis).

- Mahesh M.** A prospective study of Neuro - Navigation assisted minimally Invasive approach to Deep seated brain tumors (MCh Thesis).
- Rakesh Kumar.** Radiofrequency denervation in chronic low back pain - a prospective study (MCh Thesis).
- Anil kumar Reddy P.** Comparison of clinical and surgical outcomes in Endoscopic vs Open spinal decompression for single level lumbar spinal canal stenosis - A randomized control study (MCh Thesis).
- Prasanna Kumar V.** A study on Serum metabolomics profiling for outcome prediction in severe traumatic brain injury (MCh Thesis).
- SreeDettaPradeep.** Comparison of outcomes between supramaximal resection and gross total resection for treatment of high grade gliomas – A prospective study” (MCh Thesis).

22.4 Conferences attended, lectures delivered:

International:

- Dr Ramesh Chandra V V,** attended Clinical Hospitation for full endoscopic surgery of the lumbar spine”, which held at Herne Germany during 5-9 November 2023.

National:

Dr Ramesh Chandra V V, attended the

- 30th Annual Conference of Andhra Pradesh Neuro Scientists Association (AP-NEUROCON 2023) and Delivered a guest lecture on “Posterior circulation aneurysms” held at Kurnool during 7 -9 July 2023.
- Medtronic university course on Deformity as guest faculty and presented a paper on “Technical nuances in deformity surgery” held at Bangalore on 15th July 2023.
- SPINOSCOPE conference on endoscopy of spine and delivered a talk on lateral recess Held at Hyderabad on August 19th 2023.

Annual Report 2023

- 26th annual conference of the Neuro spinal surgeons association of India (NSSA Spine 2023) and Delivered a guest lecture on “Complication avoidance in OLIF” held at Hotel Vivanta by Taj New Delhi, Dwarka during 15-17 September 2023.
- Neuro clinics at Kakinada, Under the Aegis of Andhra Pradesh Neuro Scientists Association (APNSA), 2023 as guest faculty and presented a paper on “Clinical features of craniovertebral junction anomalies” held at Kakinada on September 30th & October 1st 2023”
- 24th Annual Conference of the Skull Base Surgery Society of India, the SKULL BASECON-2023” Delivered a guest lecture on “Unusual approaches to skull base lesions.” held at SGP GIMS, Lucknow from 27th to 29th October 2023.

Dr K Venkat, attended the

- 25th Annual AIIMS Microneurosurgery Workshop and delivered a Guest lecture on “ Intracranial aneurysms” held at AIIMS, New Delhi on 16th to 18th February 2023.
- “NSI Train the Trainers 2023” program held on 14th April 2023 at the Radisson Blue Hotel GRT Chennai, GST Road, St Thomas Mount, Chennai.
- “2nd YNFCON 2023 under the aegis of Neuro Society of India Presented a paper on “Academic Neurosurgery or Private practice – How to choose” held at Hyderabad during 9-11 June 2023.
- A cadaveric workshop in “Basics of cervical spine surgery” in Dr P S Ramani’s Annual Basic Course 2023 held at Dr R N Cooper Hospital and Novotel Juhu in Mumbai during 24-25 June 2023.
- 30th Annual conference of APNSA, APNEUROCON 2023 and Delivered a guest lecture on “Unilateral approach for bilateral aneurysms” held at Kurnool during 7-9 July 2023.
- Chaired a free paper session in the 30th Annual conference of APNSA , APNEUROCON 2023 at Kurnool during 7-9 July 2023.
- “WFNS Foundation Course” and presented an E-Poster on “Head Injury awareness programme” held at Chennai, Tamil Nadu during 14-15 October 2023.

22.5 Presentations by PG Students:

Dr Y Praveen, attended the

- Presented a paper on “A study of Highly sensitive C reactive protein and serum Homocysteine levels in patients with intracranial aneurysm patients with controls” at YNF- Hyderabad in 2023.
- Presented a paper on “Clinical and Radiological predictors of poor outcome in patients undergoing oblique lumbar interbody fusion for lumbar spondylolisthesis” in 30th Annual Conference of Andhra Pradesh Neuro Scientists Association (AP-NEUROCON 2023) held at Kurnool during 7- 9 July 2023.
- Neuro clinics in KAKINADA 2023
- Management of traumatic subaxial cervical spine dislocations- according to AO spine classification - Neurotrauma conference - Jaipur 2023

30th Annual Conference of Andhra Pradesh Neuro Scientists Association (AP-NEUROCON 2023) held at Kurnool during 7-9 July 2023.

Venkatesh K V, attended

Satwik N, Presented Poster titled “Clinical application of Minimally Invasive Neuro Endoscopic Techniques in treatment of interventricular pathologies - Our Institutional Experiences” and “Minimally Invasive Resection of Intra Cranial Lesions using tubular retractors – A case series” and presented paper on titled “Evaluation and outcomes in patient undergoing C1-C2 fusion and cage placement for CVJ and anomalies – Our Institutional Experiences”

Mahesh, presented poster titled “Tethered cord in adults” and presented paper on titled “intramedullary spine tumors case series - An institutional experience”

Anil Kumar Reddy P, Presented Posters titled “Diagnosis and treatment outcomes of Pineal region tumours- A single centre review”, “Evaluation and Surgical Outcomes in Recurrent Intracranial Gliomas- A case series” and paper on titled “ Evaluation and Surgical Outcomes Of Deep Brain Stimulation in Patients of Parkinson’s Disease- An Institutional Experience”.

Sree Datta Pradeep Kundum, Presented Posters titled “Spinal Dysraphism - An Institutional Review” and “Adenosine Induced Flow Arrest to Facilitate intracranial Aneurysmal Clipping - An Institutional Experience” and paper on titled “Spinal Endoscopy - Techniques and Outcomes for Treatment of Lumbar Disc Herniations”.

Velchuri Prasanna Kumar, Presented Posters titled “Evaluation and surgical outcomes of skull base meningiomas - A case series”, “Surgical correction of idiopathic scoliosis - A Case series” and Presented paper on titled “Diagnosis and Management of 4th Ventricular tumor - A case series”.

22.6 Publications

Publications in indexed Journals

1. Hanu G, Thota S, Venkat K, Ramesh Chandra VV, BCM Prasad, Reddy SK, Geetanvita N, Indupriya E. Comparative study of microsurgical lumbar discectomy and percutaneous endoscopic lumbar discectomy based on clinical outcome and muscle injury markers. J Krishna Inst Med Sci Univ 2023; 12(3):12-19.
2. Thota S, Ramesh Chandra VV, BCM Prasad, Comparative study of open Transforaminal Lumbar Interbody Fusion (TLIF) and Minimally Invasive Transforaminal Lumbar Interbody Fusion (MISTLIF) based on clinical outcome, radiological outcome, tissue injury markers and radiation exposure. J Krishna Inst Med Sci Univ 2023; 12(1).
3. Ramesh Chandra VV. Percutaneous surgical approach for vertebral compression fractures – Predictors of Outcome: 5 Years of Experience at A Tertiary Care Center. Indian Journal of Neurotrauma, 2023.
4. Ramesh Chandra VV. Effects Of Early And Late Cranioplasty On Neurocognitive Outcome And Cerebral Glucose Metabolism Using PET scan- A Comparative Study” Neurology India, 2023.
5. Clinical and Radiological predictors of poor outcome in patients undergoing oblique lumbar interbody fusion for lumbar spondylolisthesis - paper Submitted to Neurology India under Review in 2023.

22.7 CMEs/Seminars/Workshops/Orations conducted by the Dept:

1. Department of Neurosurgery is organized the 8th “Cherukuri Narasimham & Subhadradevi oration” by the Dept. of Neurosurgery, SVIMS, Tirupati on “BIO Ethics in Medicine” by Dr Sanjay Behari, Director Sree Chitra Tirunal Institute of Medical sciences and Technology, Trivandrum was invited faculty.
2. The 6th “Srinivasa Neurosurgery Endowment Oration” is conducted on 21st October-2023 by the Dept. of Neurosurgery, SVIMS, Tirupati on “Aneurysmal Sub Arachnoid Hemorrhage” by Dr S N Mathuriya Ex. Professor and HOD, Dept. of Neurosurgery, PGIMER, Chandigarh was invited faculty.
3. The Department of Neurosurgery is organized the 9th “CherukuriNarasimham&Subhadradevi oration” on 13-12-2023 by the Dept. of Neurosurgery, SVIMS, Tirupati on “Why Aneurysm Clipping Should Continue?” by Dr Arvind Kumar Dubey, Senior specialist Neurosurgeon, Royal Hobart Hospital, Hobart, Tasmania, Australia was invited faculty.

22.8 CMEs/Seminars/Workshops attended

1. **Dr Ramesh Chandra V V**, attended as guest faculty for preconference workshop and did live surgery of OLIF in the 30th Annual Conference of Andhra Pradesh Neuro Scientists Association (AP-NEUROCON 2023) held at Kurnool during 7-9 July 2023.
2. **Dr Venkat**, attended a cadaveric workshop in “Basics of cervical spine surgery” in Dr P S Ramani’s Annual Basic Course 2023 held at Dr R N Cooper Hospital and Novotel Juhu in Mumbai during 24-25 June 2023

23.0 DEPARTMENT OF NUCLEAR MEDICINE

Professor & Head

Dr Tekchand Kalawat

Assistant Professor

Dr R.Ramya Priya

Dr D.S. Hemalatha

Senior Residents

Dr G. Surya Teja

Dr P. Sireesha

PG (MD) Junior Residents

Dr VNithya

Dr B.Surekha

Dr B.Shashank

Dr P.Nandini

Dr Sk.Rishma

Dr P.Hemanth

23.1 Awards, achievements and felicitations:

1. **Dr P. Sireesha**, MD Nuclear Medicine, Senior Resident, was awarded **Best Paper award** for the paper title “Utility of Stress / Rest radionuclide ventriculography for evaluation of diastolic and systolic dysfunction in asymptomatic Type-II Diabetes Mellitus patients” at Mahatma Gandhi Medical College and Hospital, Jaipur in 14th Biannual National Conference, Nuclear Cardiology Society during 4-5 November 2023.

23.2 Research Projects

1. **Principal Investigator:** Dr Tekchand Kalawat. **Title of Project:** “Utility of F-18 FDG PET/CT in evaluation of recently diagnosed locally advanced breast cancer patients for metastatic disease among obese and non-obese patients” – Prospective study. **Funding Agency:** SBAVP, SVIMS.
2. **Principal Investigator:** Dr Tekchand Kalawat. **Title of the Project:** “Utility of F-18 PSMA PET-CT in initial staging and response evaluation of Prostate Cancer”- Prospective study. **Funding Agency:** SBAVP, SVIMS.
3. **Principal Investigator:** Dr Tekchand Kalawat. **Title of the Project:** “Role of F-18 FDG PET-CT in the diagnosis of myocardial sarcoidosis

in patients with recently diagnosed extra cardiac sarcoidosis or clinically suspected cardiac sarcoidosis” - Prospective study. **Funding Agency:** SBAVP, SVIMS.

4. **Principal Investigator:** Dr Tekchand Kalawat. **Title of the project:** “ Utility of short acting I.V. Insulin pulse therapy in preparation of F-18 FDG PET-CT scan in patients detected with high blood glucose levels on the day of scan” – Prospective Study. **Funding Agency:** SBAVP, SVIMS.

23.3 Research work

Ongoing thesis work

1. **Nithya V.** ¹⁸F Sodium Fluoride Positron Emission Tomography – Computed Tomography Bone Scan finding of primary site soft tissue uptake and its clinical significance in Carcinoma Breast (MD Thesis).
2. **Rishma Sk.** The Role of F-18 PSMA (Fluorine 18 Prostate Specific Membrane Antigen-1007 PET-CT (Positron Emission Tomography Computed Tomography) scan in evaluation of primary and distant metastatic sites in patients with carcinoma Prostate (MD Thesis).

3. **Nandini P.** F-18 FDG PET-CT derived primary tumor site metabolic parameters and its association with recently diagnosed carcinoma breast (MD Thesis).
4. **Surekha B.** Tc-99m MIBI myocardial washout rate in patients with chest pain and its correlation with MPS findings. ((MD Thesis).

Thesis work done carried-out in other departments

Dr TC.Kalawat was *Co-guide* for the following theses

1. Dr P.Vinodini, A prospective evaluation of role of imaging, HPV and EBV detection in lymph node biopsy specimens of patients with squamous cell carcinoma of unknown primary in neck. (MCh Thesis).
2. Dr Shatak S. Baikaday, A prospective study to evaluate the role of prophylactic contra lateral selective neck dissection in clinical T3 and T4 oral cavity squamous cell cancer. (MCh Thesis).

23.4 Conferences attended, lectures delivered

Dr T.C. Kalawat, Professor & HoD attended the following:

1. 28th State Conference of Society of Nuclear Medicine India, (Southern Chapter) and delivered a guest lecture on “Role of PET-CT in Neuropsychiatric disorders” held at Hyderabad during 12-13 August, 2023.
2. CME organized by Post Graduate Institute of Medical Education & Research, Chandigarh (PGIMER) and delivered a guest lecture on “Hepatobiliary Scintigraphy in Pediatrics” under topic-Current Trends in pediatric Nuclear Medicine during 21-22 October-2023.
3. SNMICON-2023, 55th Annual Conference of Society of Nuclear Medicine, India, and presented an e-Poster on “Utility of F-18 FDG PET-CT in further surgical management of locally advanced Head and Neck squamous cell carcinoma patients in definitive CRT setting” during 16–19 November-2023, held at AIIMS, Jodhpur, Rajasthan.

23.5 Presentations by Post Graduate students:

Post graduate students pursuing MD (Nuclear Medicine) presented the following papers and posters at:

21st Annual Conference of Association of Nuclear Medicine Physicians of India (ANMPICON 2023) at Hotel Vivanta Suraj Kund, Faridabad from 29th Sept. to 1st October-2023

1. **Surya Teja G.** Utility of ^{99m}TcDTPA SPECT-CT Scintigraphy clinical activities in Diagnosis of active thyroid associated orbitopathy in graves' disease.
2. **Nithya V.** Role of F-18 FDG-PET/CT in diagnosis and response assessment of primary CNS lymphoma– Tertiary care centre experience.
3. **Surekha B.** Profile of F-18 FDG PET-CT image findings in initial staging of NHL patients- SVIMS Experience.

Mahatma Gandhi Medical College and Hospital, Jaipur in the 14th Biannual National Conference, Nuclear Cardiology Society, during 4-5 November 2023.

1. **Sireesha P.** Utility of Stress / Rest radionuclide ventriculography for evaluation of diastolic and systolic dysfunction in asymptomatic Type-II Diabetes Mellitus patients.

28th Annual Conference of SNM (India) Southern Chapter at Mercure Hotel, organized by MNJ Institute of Oncology & Regional Cancer Centre, Hyderabad during 12-13 August-2023

1. **Nandini P.** F-18 FDG PET-CT in evaluation of ocular adnexal lymphoma – Interesting case series and review of literature.
2. **Rishma Sk.** Pitfalls of Iodine-131 Whole Body Scan (I-131 WBS) mimicking metastases in thyroid cancer-A review of literature” at 28th Annual Conference of SNM (India) Southern Chapter at Mercure Hotel, organized by MNJ Institute of Oncology & Regional Cancer Centre, Hyderabad during 12-13 August-2023.

23.6 Publications

Case Report:

1. K. M. Bhargav Bhavitha Dugginni, N. Madhuvanthini, M. H. Archana, Alladi Mohan, V. V. Ramesh Chandra, N. Mohan Murali Krishna, Vijayalakshmi Devi B, Tekchand C. Kalawat. Vertebral osteomyelitis. J ClinSci Res 2023;12(Suppl. 1):83-6.

Original article:

1. Ajit N, Manthri RG, Velam V, Mohan VS, Rallapeta RP, Kalawat TC. Clinical utility of reverse perfusion pattern with ^{99m}Tc myocardial stress perfusion scintigraphy. J ClinSci Res 2023;12:186-9.
2. Moulika JS, Kalawat T, Manthri RG, Hulikal N, Kadiyala S, Bhargavi D, et al. Role of ^{99m}Tc sestamibi scintimammography in predicting response to neoadjuvant chemotherapy in locally advanced breast cancer: A prospective study. Indian J Nucl Med 2023;38:354-61.

Accepted for publication:

Original Article:

1. Valaiyapathy NC, RRamyapriya, Hemalatha DS, Krishna emMohan VS, Rajasekhar D, Kalawat TC. Tc-^{99m} MIBI stress MPI in suspected CAD patients: A prospective study to evaluate clinical significance of Adenosine induced ECG changes. Ind J Nuc Med.

Case Reports:

1. RishmaSk, Hemalatha DS, RRamyapriya, emPolisettySireesha, Surya Gavini, Kalawat TC. Pitfalls of Iodine 131 whole body scan (I-^{131} WBS) mimicking metastases in differentiated thyroid carcinoma – A case series. Ind J Nuc Med.

Papers under Review

1. D.S. Hemalatha; Sirisha Kommireddy; Ramya Priya Rallapeta; Krishna Mohan VS; Ranadheer Gupta Manthri; Tekchand Kalawat. Clinical Utility of ^{99m}Tc MDP Blood Pool SPECT in detection of inflammation in Arthritis and Arthralgia – Original article. Indian Journal of Medical Research (IJMR).

23.7 CMEs/Seminars/Workshops/Orations conducted by the Dept.

A Joint CME was conducted by Department of Nuclear Medicine and Department of Radiology, SVIMS. **Theme of CME: Cardiac Imaging**, during 4th November-2023. In this CME programme Lectures were delivered by: Dr B.C. Sanjay, Senior Resident, Department of Radiology, SVIMS on “CT Coronary Angiography” and Dr Bhavani, Senior Resident, Department of Radiology, SVIMS delivered a lecture on “CT Angio in Congenital Heart Diseases” followed by Dr R. Ramya Priya, Assistant Professor, Department of Nuclear Medicine, SVIMS delivered a lecture on “Role of PET-CT in Myocardial Viability” and Dr D.S. Hemalatha, Assistant Professor, Department of Nuclear Medicine, SVIMS, delivered a lecture on “Radionuclide functional imaging for evaluation of

23.8 CMEs/Seminars/Workshops attended:

1. Dr NC. Valaiyapathy, Dr Sk. Rishma, Dr P. Nandini, attended in the Master class in theronautics 360 degree on Prostate specific membrane antigen (PSMA) theronautics at MIOT International, Chennai during 11-12 March, 2023.
2. Dr P. Sireesha, Dr G. Surya Teja, Dr V. Nithya attended in the 5th Annual CME in Nuclear Medicine held at Christian Medical College (CMC) Vellore, during 14-15 April, 2023.
3. Dr Sk. Rishma, Dr B. Surekha, attended in the 3rd CT Work Shop for Nuclear Medicine Physicians at KREST Auditorium, Shaikpet Nala, Hyderabad during 14-15 April, 2023.
4. V. Nithya, Sk. Rishma, P. Hemanth, B. Shashank, MD, Nuclear Medicine Residents attended a Virtual CME on Nuclear Hepatobiliary and Gastroenterology system organized by Department of Nuclear Medicine, CMC, Vellore during 25th November-2023.

23.9 Other academic activities of significance:

1. Dr Tekchand Kalawat, attended as External Examiner for Practical Examination of Post Graduate Institute of Medical Education and Research, Chandigarh, MD, Nuclear Medicine Students during 1-2 May-2023.

24.0 DEPARTMENT OF OBSTETRICS & GYNECOLOGY

Professor & HoD

Dr Malathi J

Faculty

Dr Akila B

Dr R.Pravallika Sudharani

Dr Mrudula Chelamkuri

Dr U.Srujana

Dr D.Sagarika

Dr G.Hinduja Vidmahe

Dr G.Bhargavi

Senior Resident

Dr B.V.Hasanthi

Dr M.R.Sonatejaswi

Dr Suguru Vasudha

Junior Resident

Dr M.Hemavathi

24.1 Awards, Achievements and felicitations

Dr Malathi J, was awarded Appreciation Certification by JEO, TTD for providing Extraordinary services of OBG at SVIMS on Independence day on 15th August 2023.

Dr Akila B: Diploma in Cosmetic Gynaecology on 16th July 2023 (Sunday)

25.0 DEPARTMENT OF OPHTHALMOLOGY

Associate Professor & HoD i/c

Dr P.Prabhanjan Kumar

Faculty

Dr Krishna Murthy

Senior Residents

Dr J.Srilalitha

Dr K.Sindhura

Dr K.Srividya

Dr R.Vineetha

25.1 Publications

1. Vineetha. A Clinical Study on Morphological Characteristics and Risk Factors of Presenile Cataract. Indian Journal of applied Research;2023;13:4.
2. Vineetha. A Clinical Study on Risk Factors of Descemets Membrane Detachment and Visual Outcome Following Air Descemetopexy for Post Cataract surgery Descemets membrane Detachment. E-ISSN:2582-2160.

25.2 CMEs/Seminars/ Workshops/ Orations conducted by the department

1. A CME on “Introduction to Perimetry” was jointly organised by the Dept. of ENT, Ophthalmology and Dentistry at SVIMS on 7th January 2023.

25.3 CMEs/Seminars/ Workshops attended

1. Dr Vineetha, Senior Resident, attended CME “ARC PG programme at Hubli conducted by M.M Joshi Hospital during 20-22 January 2023.
2. Dr Vineetha, Senior Resident, attended CME “Neurophthalmology at Aravind Eye Hospital, on Tirupati during 22- 24 July 2023.

26.0 DEPARTMENT OF OTORHINOLARYNGOLOGY

Professor & HOD

Dr S.B.Amarnath

Faculty

Dr Prerana Anthwal

Dr K.Prathyusha

Dr S.Sushma

Senior Residents

Dr Haasini

Dr Bhavya

Dr Masira Mathin

26.1 Research Work

Theses Submitted

1. Dr K.Bhavya, Senior Resident “Correction Of Size, Shape, Site Of Tympanic Membrane Perforation with PTA” at JKIMSU, February 2023.

Ongoing thesis work

1. Dr S.B.Amarnath, Professor & HOD, Co-Guide for “ Study of Association Between Preoperative Temporal Bone High Resolution Computed Tomography (HRCT) Findings with Intraoperative Findings of Chronic Otitis Media”

26.2 Conference attended, Lectures delivered

Dr S.B.Amarnath, Dr Prerana Anthwal, Dr S.Sushma, Dr Bhavya, attended conference “Otology 30 Pearls of wisdom” at Bangalore during 2-4 June 2023.

26.3 Presentations by Faculty

Dr S.B.Amarnath, Professor & HOD, Participated

1. As faculty delivered guest lecture on “Various approaches in cochlear implantation” workshop at Comprehensive cochlear implant at Secuderabad on 25th June 2023.
2. Delivered Presentation on CT PNS in Zone-III ENT CME – Dr YSR UHS, Vijayawada at RIMS College, Kadapa held on 16th September 2023.

3. As Faculty and demonstrated “cochlear implant Surgery techniques” in temporal bone workshop at Vijaya ENT & Child Care Hospital at Kadapaduring 19-20 August 2023.

26.4 CMEs/Seminars/ Workshops/ Ortions conducted by the department

1. A CME on “Laryngeal Trauma” was jointly organised by the Dept of ENT, Ophthalmology and Dentistry at SVIMS on 7th January 2023.

26.5 CMEs/Seminars/ Workshops attended-

Dr S.B.Amarnath, Professor & HOD was

1. Participated as delegate in “10th Hands on Course on Evaluation and Management of Swallowing disorders” held at Pune on 10th February 2023.
2. Participated as delegate in 13th Hands on Course in Transoral Laser Surgery and Medialisation thyroplasty held at Pune on 11th February 2023.
3. Participated as delegate in 6th Hands on surgical Course in Laryngotracheal Reconstruction” held at Pune on 12th February 2023.
4. Attended as faculty and delivered guest lecture on “Various approaches in cochlear implantation” workshop at Comprehensive cochlear implant at Secuderabad on 25th June 2023.
5. Attended Workshop on “Temporal Bone Dissection Workshop” at Kadapa on 19th and 20th August 2023

Annual Report 2023

6. Participated and delivered Presentation on CT PNS in Zone-III ENT CME – Dr YSR UHS, Vijayawada held on 16th September 2023 at RIMS college, Kadapa
Dr K.Prathyusha, Assistant Professor was attended
1. Workshop on “Hands on workshop in Anterior skull base dissection Cadisect-2.0” at SJMCH, Bangalore on 26th July 2023.
2. Workshop on “128th & 129 hands on Temporal Bone Dissection FESS and Live surgical Workshop” at Hyderabad during 25th, 27th, 28th May 2023.
Dr S.Sushma, Assistant Professor was attended Workshop on “Temporal Bone Dissection Workshop” at Kadapa during 19-20 August 2023

27.0 DEPARTMENT OF PAEDIATRICS

Professor & HOD

Dr N.Punith Patak

Faculty

Dr M.Lalitha

Dr K.Nalini

Senior Resident

Dr V.Vallishri

27.1 Research Projects

Ongoing:

Co-Investigator: Dr N.Punith Patak,

1. **Title:** Pneumoniae serotype trends in disease and carriage across all age groups in India: A Multicentric analysis in the light of emerging non-vaccine serotypes.
1. **Title:** Diagnosis of genetic diseases with specialised laboratory facility and comprehensive diagnostic evaluation in addition to genetic counselling - Establishment of DBT NIDAN Kendra.
2. **Title:** Association between maternal vitamin D status and adverse pregnancy outcomes among south Indian pregnant women.
3. **Title:** Detection of various viruses causing gastroenteritis in children below 5 years of age using BioFire gastrointestinal panel assay.

27.2 Conference attended, Lectures delivered

Dr N.Punith Patak, Professor, attended

1. Conference “AP PEDICON 2023 conference at Vijayawada during 3rd and 4th, 5th November 2023.
2. Lecture delivered on CME on “Diffusion capacity of Lung for Carbon Monoxide(DLCo)-Paediatrics” was jointly organised by the Dept. of Paediatrics, Medicine, TB&RD, Physiology at SVIMS on 01st July 2023.

27.3 CMEs/Seminars/ Workshops/ Orations conducted by the department –

1. A CME on “Diffusion capacity of Lung for Carbon Monoxide(DLCo)-Paediatrics” was jointly organised by the Dept of Paediatrics, Medicine, TB&RD, Physiology at SVIMS on 1st July 2023.

28.0 DEPARTMENT OF PATHOLOGY

Professor & Head

Dr N.Rukmangadha

Faculty

Dr Aruna Kumari Prayaga

Dr B.V.Phaneendra

Dr V.SivaKumar

Dr V.Shanthi

Dr B.Deepthi

Dr M.Alekhyia

Dr B.Suguna

Dr D.Venkatesh

Senior Residents

Dr R.Thenmozhi

Dr P. Divya

PG (MD) Junior Residents

DrB.Shilpa

Dr B. Rama Mounika

Dr T.Umadevi

Dr K.VeeraSekhar

Dr G.V.Sindhuja

DrC.S.SankariChandini

Dr G. Prathyusha

DrC.A.Sumanthvarma

28.1 Awards, achievements and felicitations

1. **Dr N.Rukmangadha:** Symposium presentation of updates on gestational trophoblastic diseases on 18th sep.2023 in the symposium conducted in the 5th Annual IAPM APCON 2023 held from 15th to 17th September 2023 organized by NRI Medical college chinakakani, Guntur.
2. Judge for paper presentation by the post graduates in 53rd Annual Conference of the Indian Academy of Cytologists 2023 organized by dept. of Pathology, Gaja Raja Medical College, Gwalior in association with Gwalior pathologists and microbiologists association, Alior, Madhya Pradesh, from 27th -30th October 2023.
3. **Dr Aruna K.Prayaga:** chaired a session on “Col. D.B. Nayar Memorial Award” in 53rd annual conference of the indian academy of cytologists 2023 organized by dept. of pathology, Gaja Raja Medical College, Gwalior in association with Gwalior pathologists and microbiologists association, Alior, Madhya Pradesh, from 27th to 30th October 2023.

28.2 Research Projects

Completed

1. Dr V.Shanthi: Neuroendocrine neoplasms: Retrospective clinicopathologic study in a tertiary hospital.

Ongoing research projects:

1. Principle Investigator: Dr N.Rukmangadha

- **Title:** Study of Comparison of tumor infiltrating lymphocytes density with histopathological and prognostic parameters in oral squamous cell carcinomas.
- **Title:** Study of Prevalence of stromal infiltrating lymphocytes in invasive breast carcinoma.
- **Title:** Clinicopathological and microbial culture evaluation of Fungal infections related to covid-19; An Institutional experience.

2. **Principle Investigator:** Dr V.Shanthi, **Title:** Clinicopathological features and their prognostic importance in Ewings sarcoma : ‘A’ Retrospective study.

3. **Principle Investigator:** Dr V.Sivakumar, **Title:** Study of tumour budding as a histopathological marker and prognostic tool in gastric carcinomas.
4. **Principle Investigator:** Dr B.Deepthi, **Title:** Assessment of venous invasion in colorectal carcinomas using elastin stain: A simple technique to detect an underreported yet important prognosticator.
5. **Principle Investigator:** Dr M.Alekhyia. **Title:** Evaluation of updated 2018 ASCO/CAP guidelines on HER2 genetesting in invasive breast cancers; A single centre study. Funding Agency:SBAVP.
6. **Co-investigator:** Dr B. Suguna, **Title:** Comparison of Tumor Infiltrating Lymphocytes Density with Histopathological and prognostic Parameters in oral Squamous Cell Carcinomas.

28.3 Research work

Thesis Submitted

1. **RadhaBai.** Evaluation of megakaryocyte morphology in the bone marrow aspiration and biopsy and its association with platelet parameters and degree of marrow fibrosis in Myeloproliferative Neoplasms (MD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.

Ongoing thesis work

1. **Shilpa B.** Evaluation of Epithelial Mesenchymal Transition based subtyping in colorectal carcinomas and its association with clinicopathological parameters by using immunohistochemical markers- E-cadherin, β -catenin and vimentin (MD Thesis).
2. **Ramamounika B.** Expression of the epithelial mesenchymal transition related markers- E-cadherin and vimentin by Immunohistochemistry and their association with clinicopathological characteristics in breast carcinomas (MD Thesis).
3. **Veera Sekhar.** Role of international academy of cytology yoko amareportingsystem in diagnosing breast lesions (MD Thesis).
4. **Sindhuja GV.** To study the expression of pten, pax2, beta catenin & arid1a immunohistochemistry markers in normal endometrium, endometrial precancers and endometrioid adenocarcinoma (MD Thesis).

5. **Uma T.** Comparison of RBC parameters in glomerular and non glomerular hematuria by automated urine analyzer (MD Thesis).

Thesis work done collaboration with other depts.

Dr V. Sivakumar V. Co guide as

1. Henitaselvamary H. A prospective randomized study to evaluate efficacy and safety between two different dose fraction schedule of interstitial brachytherapy in treatment of patients with carcinoma of uterine cervix (MD Thesis).
2. ShaikRishma. Role of F-18 PSMA (F-18 Prostate Specific Membrane Antigen) 1007 PET CT (Positron Emission Tomography Computed Tomography) scan in evaluation of primary and distant metastatic sites in patients with carcinoma prostate (MD Thesis).
3. Veerasekhar K. Role of international academy of cytology yokohama reporting system in diagnosing breast lesions (MD Thesis).
4. Mourya Reddy. Study the impact HER2 low status on response to neoadjuvant chemotherapy in HER 2 negative breast carcinoma (MD Thesis).

Dr B.Suguna, Co-guide for the thesis

1. Study the expression of PTEN, PAX2, BETA CATENIN and ARID1a IHC markers in normal endometrium, endometrial precancers and endometrioid adenocarcinoma.
2. To study the role of red cell distribution width in Necrotizing fasciitis patients.

28.4 Conference attended, lectures delivered

International:

1. **Dr V.Sivakumar,** attended
 - International Pathology conference on “Diagnostic Updates and Molecular Advances in Cancer” in association with IAPM-AP Chapter Department of Pathology, AIIMS, Mangalagiri, A.P on 4th & 5th November 2023.
 - 28th AIPNA-ICP International Pathology CME Bhagwan Mahaveer Cancer Hospital & Research Centre, Jaipur during 3-5 February 2023.

2. **Dr M.Alekhyia**, attended and presented award paper on Immunohistochemistry as a measure of personal proficiency assessment at international pathology conference on diagnostic updates and molecular advances on cancer conducted by AIIMS, Mangalagiri during 4-5 November 2023.
3. **Dr B. Suguna**, attended international conference in gynaecological pathology during 3rd – 5th February 2023 at Tata medical center, Kolkata.

National:

Dr N.Rukmangadha, attended

1. 53rd Annual Conference of the Indian Academy of Cytologists 2023 organized by dept. of pathology, Gaja Raja Medical College, Gwalior in association with Gwalior pathologists and microbiologists association, Gwalior, Madhya Pradesh during 27-30 October 2023.
2. **Speaker (slide seminar)** at zonal cme in pathology -2 of YSRUHS for post graduates on 27-08-23 conducted by Vishwa Bharathi Medical College, Kurnool.
3. Speaker (Topic-updates in gestational trophoblastic diseases)-symposium conducted in the 5th Annual IAPM APCON 2023 held from 15th to 17th September 2023 organized by NRI Medical college chinakakani, Guntur.

Dr V. Shanthi, attended Annual IAPM APCON 2023 held from 15th to 17th September 2023 organized by NRI Medical college chinakakani, Guntur.

Dr B.Deepthi, attended Case based presentation on Pap smear conducted by NICP and presented 2 cases of slide seminar at 5th Annual IAPM-APCON AP Chapter on 15,16,17th September, 2023.

Dr V.Sivakumar, attended

- 53rd Annual Conference of the Indian Academy of Cytologists. Cancer Hospital & Research Institute, Gwalior, Madhya Pradesh from 27th to 30th October 2023.
- IAN Neuropathology course conducted by Indian Academy of Neurology on May 20, June 17, July 15, August 19, September 16, October 21, November 18, December 16th virtual mode.

Dr B.Deepthi, attended Webinar in endometrial cancer by European society of pathology on 23.1.2023, webinar on Head and Neck pathology by the indian association of pathologists and microbiologists – Kerala chapter on 26.1.2023.

Dr M.Alekhyia, attended 10th Annual conference conducted by molecular pathology association of India during 18-19 February 2023 at SGPGIMS, LUCKNOW.

Dr B. Suguna, attended 6th Annual National conference of the neuropathology society of India 2023 held on 24th & 25th February 2023 at Christian medical college Vellore.

28.5 Presentations by postgraduate students

5th Annual IAPM APCON 2023 - NRI Medical College, Chinakakani, Guntur Dist during 16-17 September 2023

1. **Shilpa**. Proffered paper presentation on Neuroendocrine neoplasms: a retrospective clinicopathological study in a tertiary care centre.
2. **Ramamounika B**. Proffered paper presentation on Clinicopathological profile of salivary gland tumors- A tertiary care center experience.
3. **Umadevi T**. Poster presentation: pilomatricoma with florid osseous metaplasia - Arare case.
4. **Veerasekhar**. Poster presentation on Solitary intracerebral langerhan cell histiocytosis.
5. **Sindhuja GV**. Sinonasal Mucosal Melanoma.

28.6 Publications (vancouver style)

Publications in indexed journals:

1. Rukmangadha N. Vissa Shanthi, Nandyala Rukmangadha, Gopinath Reddy, Manilal Banoth. Sclerosing angiomatoid nodular transformation of spleen with calcifying fibrous pseudotumor: A rare case with unusual association. Indian Journal of Case Reports. 2023;9(2):50-3.
2. Shanthi Vissa G. Swyriha, Rukmangadha Nandyala, G. Radha Bai. Clear Cell Carcinoma of Ovary - Rare Subtype with Poor Prognosis: A Case Report. International Journal of Research and Review. 2023;10(5):1-4.

3. ShanthiVissa, Siva Kumar Vulavala, Rukmangadha Nandyala, Vijay Sreedhar Babu Kinnera, Visweswara Rao Guthi. Association of female Breast carcinoma, its prognostic factors and ABO blood group: A retrospective study. International Journal of Health and Clinical Research, 2022;5(2):920-3.
4. Shanthi V, VissaShanthi, NandyalaRukmangadha, Gopinath Reddy, ManilalBanoth. Sclerosingangiomatoid nodular transformation of spleen with calcifying fibrous pseudotumor: A rare case with unusual association. Indian Journal of Case Reports.2023;9(2):50-53.
5. ShanthiVissa G. Swyritha, RukmangadhaNandyala, G. Radha Bai. Clear Cell Carcinoma of Ovary - Rare Subtype with Poor Prognosis: A Case Report. International Journal of Research and Review. 2023;10(5):1-4.
6. Shanthi Vissa, Siva Kumar Vulavala, Rukmangadha Nandyala, Vijay Sreedhar Babu Kinnera, Visweswara Rao Guthi. Association of female Breast carcinoma, its prognostic factors and ABO blood group: A retrospective study. International Journal of Health and Clinical Research, 2022;5(2):920-3.
7. Deepthi B, Rukmangadha N, Swathi B, Sreelekha A. A Fulminant Case of Febrile Neutropenia with Bacteremia Detected by Pheripheral Smear in ALKNegative Anaplastic Large Cell Lymphoma 2023;J CytolHistol:14- 682.
8. Suguna B. Comparison od Ga-PSMA PET MRI with mpMRI in localization and regional staging of prostatic cancer – Accepted for publication in world journal of Urology (pubmed indexed, international journal). A retrospective study on phosphaturic mesenchymal tumors in a tertiary care center - Accepted for publication in diagnostic pathology journal (pubmed indexed, international journal).

28.7 CMEs/Seminars/Workshops/Orations conducted by the Dept.

1. **Dr N.Rukmangadha**, Organized Guest lecture on Emerging role of engineered immune cells as potentially curative therapy in oncology and other areas- by Dr P.Vijaygopalreddy, MD.ANDERSON CANCER CENTRE TEXAS. USA on22-09-2023.
2. Dr B.Deepthi, B, N. Rukmangadha, B. Swathi and A. Sreelekha.”A Fulminant Case of Febrile Neutropenia with Bacteremia Detected by Pheripheral Smear in ALKNegative Anaplastic

Large Cell Lymphoma.” J CytolHistol 14 (2023): 682.

3. **Dr V.Sivakumar**,

- Institutional CME conducted along with medical oncology, surgical oncology radiotherapy and pathology on 3/6/2023.
- International Lead Auditors and laboratory management system requirement on line certificate course as per ISO 15189:2022 and ISO/IEC 19011 held at FQI head office sanjayanagar from 26 th to 29 th june 2023

28.8 CMEs / Seminars/Workshops attended

Dr N. Rukmangadha, attended

1. Zonal cme on pathology -2 of YSRUHS for post graduates on 27-08-23 conducted by Vishwa Bharathi Medical College, Kurnool

Dr V.Sivakumar, attended

1. Institutional CME on community based palliative care, significance of palliative care in nursing organized by college of nursing SVIMS on 12/2/2023.
2. Institutional CME on cardiac imaging conducted by depts. Of nuclear medicine and radiology on 4/11/2023.
3. Institutional CME on abdominal trauma conducted by depts. Of anatomy, general surgery, surgical gastroenterology and forensic medicine on 4/10 /2023.
4. Institutional CME conducted by depts. Of anaesthesiology, cardiothoracic surgery and cardiology on 2/9/2023.
5. Institutional CME conducted by depts. Of medicine, paediatrics, tb&rd and physiology on 1/7/2023.
6. Institutional CME conducted by depts. Of nephrology, urology and obgon 6/5/2023.
7. Institutional CME conducted by depts. Of microbiology, community medicine and clinical virology on 1/4/2023.
8. Institutional CME conducted by depts. Of transfusion medicine and emergency medicine on 4/3/2023

Dr B.Deepthi, attended

1. Completed the 3rd National NICPR-ECHO Online Certificate Course on Cervical Cancer Screening for Pathologists (VCSP3) conducted under the aegis of the Indian Academy of Cytology from the 8th of February 2023 to the 31st of March 2023.
2. International Lead Auditors and laboratory management system requirement on line certificate course as per ISO 15189:2022 and ISO/IEC 19011 held at FQI head office sanjayanagar from 26th to 29th June 2023.
3. Participated as delegate in the Lung, Pleure and Medisatinal Pathology – A comprehensive webinar held on 26th and 27th July under IAPM- Kerala Chapter.
4. Delegate at CUBE HDMI 2023 held online on 9th and 10th September.
5. As delegate and presented 2 cases of slide seminar at 5th Annual IAPM-APCON AP Chapter on 15, 16, 17th September 2023.

Dr M.Alekhy, attended

1. Completed the four days International Lead Auditors & Laboratory, Management System Requirement On-Site Certificate Course as per ISO 15189:2022 and ISO/IEC 19011 held at SVIMS from 29 May to 1 June, 2023
2. Participated in CME entitled “Quality Control in Histopathology: Accreditation Requirements.” At FQI Head Office, Sanjayanagar, Bengaluru - 560 094 on 6 July, 2023.
3. 4th One Week Online Workshop on Advance Statistical Data Analysis using SPSS during May 21-27, 2023, organised by International Institute for Special Education (IISE), Lucknow & Science Tech Institute (Run by MKS Educational Society), Lucknow, UP India.
4. Completed certificate course on FISH technique conducted from December 2022 to February, 2023 by MEU India.
5. Completed certificate course on FISH technique conducted from November 2022 to June, 2023 by MEU India.
6. Completed the 3rd National NICPR-ECHO Online Certificate Course on Cervical Cancer Screening for Pathologists (VCSP3) conducted under the aegis of the Indian Academy of Cytology from the 8th of February 2023 to the 31st of March 2023.

Dr B. Suguna,

1. Completed International lead Auditors and laboratory management system requirement certificate course as per ISO 15189:2022 held at FQI head office, Bengaluru from 26th -29th June 2023.
2. Participated in International society of gynecological pathology annual meeting held on October 21, 2023.
3. Completed basic course in biomedical research and received certificate, April 2023

Dr Shilpa, Dr Rama Mounika, Dr Veera Sekhar, Dr G.V. Sindhuja, Dr T. Umadevi at 5th Annual IAPM APCON 2023 - NRI Medical College, Chinakakani, Guntur Dist during 16-17 September 2023.

Dr Shilpa, Dr Rama Mounika, Dr Veera Sekhar, Dr G.V. Sindhuja, Dr T. Umadevi :1. Updates on male genitourinary system - chetpathcon 2023- 13/01/2023.

Dr Shilpa, Dr Rama Mounika: Completed basic course in biomedical research and received certificate in April 2023.

Dr Veera Sekhar, Dr G.V. Sindhuja: Completed basic course in biomedical research and received certificate in December, 2023

28.9 Other academic activities of significance:

Dr N. Rukmangadha,

1. Internal examiner for 2nd MBBS Exams, pathology University examinations held in the month of february, 2023 and also for supplementary exam-jul-aug
2. External examiner for 2nd MBBS pathology university examinations at MVJ MEDICAL COLLEGE from 24th to 26th feb.2023
3. External examiner for MD, Pathology University Examinations at Andhra Medical college, vizag, from July 11th to 14th 2023.
4. External examiner for MD, Pathology, University Examinations at Mandya govt. Medical college, Mandya, from July 18th to 19th 2023.
5. Moderator of tumor board, SVIMS, Tirupati.
6. Co-ordinator for 2nd MBBS
7. Co-principal investigator for Hospital Based Cancer Registry in SVIMS, Tirupati.

Annual Report 2023

8. PRE- chapter-4 leader
9. Liason officer for BC-communities .
10. Co-ordinated cytology EQAS programme.
11. Under graduate and PG teaching
12. Internal Audit.

Dr V. Shanthi,

1. Internal examers for 2nd MBBS pathology University examinations held in the month of Feb-March, 2023 and for supplementary exams.
2. External examiner for 2nd MBBS pathology, YSR University examinations held in NRI Medical College, Chinakakani, Gunterin the month of October, 2023
3. Internal examiner for pathology post graduate university examinations held in December, 2023
4. Co-ordinator for NCG-EQAS programme
5. MBBS Inchange
6. Undergraduate and post graduate teaching
7. NABL Work

Dr Siva Kumar,

1. Post Graduate teaching –slide seminars 16 hours
2. Post graduate presentation moderated - 18
3. MBBS teaching : theory – 13classes, Practicals – 42 classes
4. In charge for BSc Nursing course: Preparing class and posting schedules
5. Conducting internal examinations - Theory classes taken – 2

Examiner:

1. External examiner for MBBS in government medical college thoothukudi from 1/3/2023 to 3/3/2023.
2. External examiner for bscmlt in Sri Venkateswara medical college Tirupati from 17/4/2023 to 20/4/2023.
3. External examiner for bscmlt in Sri Venkateswara medical college Tirupati from 26/6/2023 to 30/6/2023.

Dr B.Deepthi:

1. Pink Bus pap smears screeningprogramme.
2. Undergraduate and Post Graduate teaching
3. Internal Audit
4. Oragnised EQAS – AIIMS and CMC
5. Incharge – BSC – Physiotherapy

Dr M. Alekhya:

1. Pink Bus pap smears screeningprogramme.
2. Undergraduate and Post Graduate teaching
3. Organizes EQAS programme conducted by NeubergerAnand Academy of Laboratory Medicine
4. Quality assessment programme Bangalore for histopathology.
5. Internal Audit
6. Incharge of MSC Dialysis

Dr B. Suguna:

1. Joined as full member of Neuropathological society of India from 16th February 2023
2. Joined as member of International society of gynecological pathology from oct 19 2023.
3. Joined as member of American society of clinical pathology from Oct 19 2023.
4. Participating in External Quality programme for histopathology, IHC, tissue processing, cytology and hematology in the department.
5. Organizing internal audit 4 times in a year.
6. Screening of cervical pap smears which is a part of rural health check up organized by SVIMS.
7. Undergraduate and postgraduate teaching
8. Incharge of BSC MLT.

29.0 DEPARTMENT OF PHARMACOLOGY

Professor & Head

Dr K. Umamaheswara Rao

Faculty

Dr K.R. Subash
Dr C. Pallavi
Mr K. Manjunath

Dr K. Vijaya Chandra Reddy
Dr G. Ravindra Kumar

PG (MD) Junior Resident

Dr U. Ramya Deepthi
Dr S. Rajasekhar

Dr M. Jegadeeshkrishnan
Dr E. Adinarayana

Dr R. Usha
Dr A. Parvathi

29.1 Awards, achievements and felicitations.

1. **Prof K.R.Subash** received “**Vaidya Ratna Award**” on July 1st 2023 on doctor’s day celebration by Way Foundation –Tirupati.
2. **Dr Vijaya Chandra Reddy Konda** was awarded **first prize** for the paper title “Effect of heartfulness meditation practices on blood pressure, NT-proBNP, quality of life and mental health in patients with hypertension” at 17th Annual Conference of Indian Society of Cardiology held at Dr Jeerreddi Prasad Auditorium, SVMCAA, Tirupati, Andhra Pradesh from 20th to 22nd January 2023.

29.2 Research Projects

Completed

1. **Principal Investigator:** Dr K.Umamaheswara Rao, **Title:** A Retrospective Study On Severity and assessment of Medication Errors in a Tertiary Care Teaching Hospital.
2. **Principal Investigator:** Dr K.R. Subash, **Title:** Acute toxicity study of *Syzygium alternifolium* in rodents and insilico pharmacokinetic and toxicological profiling of its known chemical constituents

29.3 Ongoing Research Projects

1. **Principal Investigator:** Dr Vijaya Chandra Reddy Konda, **Title:** Effect of ‘Heartfulness’ Meditation Practices on Endothelial Function and Inflammation in Patients with Coronary Artery Disease. **Funding Agency:** SBAVP scheme.
2. **Principal Investigator:** Dr C.Pallavi, **Title:** Evaluation Of Neuroprotective Effect Of Abutilon Indicum Against Streptozocin Induced Diabetic Neuropathy In Rats. **Funding Agency:** Nil

29.4 Research work

Ongoing thesiswork:

1. **Jegadeeshkrishnan M.** Effect of Trastuzumab-based chemotherapy on cardiac function in HER-2 positive Breast cancer patients- A prospective observational study in a tertiary care hospital in South India (MD Thesis).

29.5 Conferences attended, lectures delivered

Guest Lecture

1. **Dr K. Umamaheswara Rao:** Guest Speaker Topic: Current Pharmacogenomics for the Development of Precision Medicine National Conference of Andhra Pradesh Pharmacologists Society

Annual Report 2023

APPSCON-2023 on 29th & 30th September 2023 by Dr Pinnamaneni Siddhartha Institute of Medical Sciences & Research Foundation, Chinna Avutapalli.

- Dr K. Umamaheswara Rao:** Guest Lecture Topic: Clinical Pharmacology and Pharmacogenomics on 31st August & 01st September 2023 by Jointly Organised by Kasturba Medical College & Cansearch Research Platform in Pediatric Oncology & Hematology.
- Prof Dr K.R.Subash,** Delivered Guest lecture Topic- Herb-Drug Interactions (HDI's) on 28th Dec 2023, organized by Siddha Clinical Research Unit-Tirupati (under CCRS, Ministry of AYUSH, Govt. of India).
- Dr Vijaya Chandra Reddy Konda,** participated in the 17th Annual Conference of Indian Society of Cardiology ISCCON 2022-23 held at Tirupati from 20th to 22nd January 2023.
- Dr Vijaya Chandra Reddy Konda** participated virtually in "Medicine and Meditation: Elevating Healthcare through Humane Values and Spirituality" organized at AIIMS, New Delhi from 23rd to 25th August 2023.
- Dr Vijaya Chandra Reddy Konda** participated in the Medical Education Conference (MEDUCON-2023) jointly organized by the Department of Medical Education, JIPMER and the Alumni Association of NTTC JIPMER (AANJ) held from 28th to 30th September 2023.
- Dr Pallavi Chalivendra:** Attended 15th Annual National Conference of Indian Society for Rational Pharmacotherapeutics and presented an oral paper on "Prescription pattern of antibiotics and their appropriateness in patients with Chronic Kidney Disease-A Retrospective study in a tertiary care teaching hospital in south india" held at Kasturba Medical College, Manipal from 04th to 05th Nov 2023.
- Dr G. Ravindra Kumar** attended online national conference of "MPS national clinical trial summit 2023" during 5-6 August 2023.

29.6 Presentations by postgraduate students

- Dr C. Pallavi,** Co-author for poster presentation done by MD student in 2nd Annual National

conference NAPTICON 2023 held at King George Medical University, Lucknow.

- Dr Adhinarayana E** attended 2nd Annual National conference NAPTICON 2023 held at KGMU Lucknow on 1st and 2nd Dec 2023 on Case presentation on Camphor-induced Acute Kidney Injury in a South Indian Patient.

29.7 Publications

Publications in indexed journals:

- Dr K. Umamaheswara Rao:** Pilla SS, Konda VCR, Bhargavi D, **Subash KR**, Rao KU. Retrospective analysis of adverse drug reactions to anticancer drugs at a tertiary care hospital in South India. *Natl J Physiol Pharm Pharmacol* 2023;13(01):190-196.
- Dr K. Umamaheswara Rao:** Pilla SS, Konda VCR, Bhargavi D, **Subash KR**, Rao KU. Retrospective analysis of adverse drug reactions to anticancer drugs at a tertiary care hospital in South India. *Natl J Physiol Pharm Pharmacol* 2023;13(01):190-196.
- Sai Gowtham K, Dharani Prasad P, Shaik Mohammad Zabeulla I, Sai Chandana Chippireddy, Poojitha Chinthala, Mallikarjuna. BP, R. Jayaraman, P. Latha, K. Umamaheswar Rao, Anna Balaji. An overview on Attention Deficit Hyperactivity Disorder (ADHD). doi:48047/ecb/2023.12.Si8.6052023.14/08/2023.
- Venkateswarlu, Mopuri; Prasad, K. Jyothi; Kumar, D. S. Sujith; **Subash, K. R.;** Guthi, Visweswara Rao; Mamatha, K. Chronological Age Estimation by Physiological Changes in the Teeth Among Deceased Human Adults. *Indian Journal of Forensic Medicine & Toxicology*, 2023, Vol 17, Issue 2, p108.
- KR Subash** Pilla SS, Konda VCR, Bhargavi D, **Subash KR**, Rao KU. Retrospective analysis of adverse drug reactions to anticancer drugs at a tertiary care hospital in South India. *Natl J Physiol Pharm Pharmacol* 2023;13(01):190-196.
- Vijaya Chandra Reddy,** Konda VC, Kommireddy S, Anil D, Murugan RB, Kumar GH, Yadav GP, et al. Medication Adherence and its Association with Socioeconomic Factors and Quality of Life in

Patients with Rheumatoid Arthritis. Indian Journal of Rheumatology 2023;18:260.

7. **Pallavi C.** Ravindra Kumar Ganjikunta G. Kadali RP, Arora T, Chalivendra P. Evaluation of cutaneous adverse drug reactions reported in a teaching hospital of Coastal Andhra. Biomedical and Pharmacology Journal. 2023 Jun;16(2).
8. **Pallavi C.** Chalivendra p, ganjikunta rk, rao k. U, pullakanam rpt. In vitro assessment of natural herbal extracts for antimicrobial activity. Int j curr pharm sci. 2023 mar. 15;15(2):22-5.
9. **Ravindra Kumar Ganjikunta** :Ganjikunta RK, Kadali RP, Arora T, chalivendra P. Evaluation of cutaneous adverse drug reactions reported in a teaching hospital of Coastal Andhra. Biomedical and Pharmacology Journal. 2023 Jun;16(2).
10. **Ravindra Kumar Ganjikunta**: chalivendra p, ganjikunta rk, rao k. U, pullakanam rpt. In vitro assessment of natural herbal extracts for antimicrobial activity. Int j curr pharm Sci 2023 mar. 15;15(2):22-5.

Book Chapters

11. **Ravindra Kumar G.** Contributed a chapter of “Clinical trial’s role in therapeutics and building guidelines for treatment of patients” to a book of clinical trial management Published by Medical Pharmacologists Society with ISBN: 978-93-100-0031-3.

29.8 CMEs/Seminars Workshops/Orations conducted by the dept.

1. A CME on “**Pharmacovigilance & Medication Safety**” was organized by Pharmacology in association with the dept. of, SVIMS on 28th November, 2023.

29.9 CMEs/Seminars/Workshops attended

1. **Dr K. Umamaheswara Rao** as a Resource Faculty in “Zonal CME on 10th Dec, 2023 SVIMS, Tirupati
2. **Dr Vijaya Chandra Reddy Konda** completed “Faculty Development Program on Simulation in Health Care Training (6 days)” conducted by Laerdal Medical India at SVIMS, Tirupati on 17th February 2023.

3. **Dr Vijaya Chandra Reddy Konda** participated in the national workshop on “Competency Based Medical Education in Pharmacology (Online Learning Series IV)” organized by National Association of Pharmacology and Therapeutics every Thursday from 5th to 26th October 2023.
4. **Dr C. Pallavi** : Attended an international webinar series of CAHO on “ Electronic Medication Systems And Medication Safety-: Opportunities, Challenges and Risks” on 1st Aug 2023.
5. **Dr C. Pallavi**: Attended National workshop on Competency based Medical Education in Pharmacology online learning series -IV every Thursday 5th October- 26th October 2023.
6. **Dr C. Pallavi**: Speaker CME on “**Pharmacovigilance & Medication Safety**” was organized by Pharmacology in association with the dept. of, SVIMS on 28 November, 2023.
7. **Dr G. Ravindra Kumar**: attended CME at SV medical college, Tirupati on 10/12/23.
8. **Dr G. Ravindra Kumar**: attended CME at SVIMS-SPMCW, Tirupati on 08/12/23.
9. **Mr. K. Manjunath** attended CME at SVIMS-SPMCW, Tirupati on 08/12/23.

29.10 Other academic activities of significance

1. **Dr K.R.Subash** Conducted Two CPCSEA-IAEC Meeting and successfully completed animal house facility inspection as Member secretary.
2. **Dr K.R.Subash** was the external examiner for the conduct of Pharmacology practical examinations for 2nd MBBS & M.D course in medical colleges affiliated to Dr NTR University of Health Sciences, Vijayawada, Andhra Pradesh, Dr MGR University Tamilnadu.
3. **Dr Vijaya Chandra Reddy Konda** delivered an expert talk on “Entrepreneurship Skills for Everyone” in the Skill Enhancement Programme organized by Seven Hills College of Pharmacy, Tirupati on 25th August 2023.

Annual Report 2023

4. **Dr Vijaya Chandra Reddy Konda** attended “Hands on Training on Basics of Animal Handling (Mice) & Research” at IISER, Kolkata from 01/09/2023 to 05/09/2023.
5. **Dr Vijaya Chandra Reddy Konda** participated as a resource person on the theme “Our Mind Our Right” during World Mental Health Day 2023 organized by Seven Hills College of Pharmacy, Tirupati on 10th October 2023.
6. **Dr Vijaya Chandra Reddy Konda** delivered a guest lecture on “Causality Assessment in Pharmacovigilance” in the CME on Pharmacovigilance and Medication Safety organized by Department of Pharmacology, SVIMS – Sri Padmavathi Medical College for Women in collaboration with National Coordination Centre, Pharmacovigilance Programme of India, on 8th December 2023.
7. **Dr Vijaya Chandra Reddy Konda** was the external examiner for the conduct of Pharmacology practical examinations for 2nd MBBS and MD (Pharmacology) in medical colleges affiliated to Dr YSR University of Health Sciences, Vijayawada, Andhra Pradesh.
8. **Dr C. Pallavi** As Per reviewer for a paper on “Hyperglycemia after Dolutegravir - based Anti-Retroviral Treatment in People Living with Human Immunodeficiency Virus ?ase series” from Journal of Clinical and Scientific Research on 18 Jul 2023.
9. **Dr C. Pallavi** :Participated as a trainee in the online course on Research Ethics Committee (REC) from 1st July 2023 to 31st July 2023 at St.John’s Research Institute, Bangalore.
10. **Dr G. Ravindra Kumar** was the external examiner for the conduct of Pharmacology practical examinations for 2nd MBBS course in medical colleges affiliated to Dr YSR University of Health Sciences, Vijayawada, Andhra Pradesh & Dr MGR University, Tamilnadu.

30.0 DEPARTMENT OF PHYSIOLOGY

Professor & Head

Dr Sharan B Singh M

Faculty

Dr N.Sharvani

Dr Arpana Bhide

Dr K. Lakshmi Sravanthi

Mr.K.Munisekhar

Dr J. Suneetha Nirmala Kumari

Dr K. Himaja

Tutor

Mrs.K.Pujitha

Mrs.M.Hari Priya

Mrs.P.Vani

Research Scholar

Mrs.P.Vani

PG (MD) Junior Residents

Dr PV.Arundhathi

Dr N. Rajesh Reddy

30.1 Awards, achievements and felicitations

Dr Arpana Bhide, received award for extraordinary services on the occasion of Independence Day at SVIMS, Tirupati

30.2 Research Projects

Completed

- Principle Investigator: Dr K.Munisekhar, PhD Scholar, Title:** Kaarna Munisekhar, Sharan B.Singh M, PVLN Srinivasa Rao, B.Sitaram, N.Sharvani, VS Kiranmayi: Effects of cow ghee on lipid peroxidation and lipid profile in healthy human volunteers before and after consuming ghee.
- Principle Investigator: Dr K.Pujitha, PhD Scholar, Title:** The Effect of Heartfulness meditation on Biomarkers of stress in young healthy female students.
- Principle Investigator: Dr M.Haripriya, PhD Scholar, Title:** Effect on Heartfulness meditation practitioners on oxidative stress markers in Patients with coronary artery diseases

Ongoing Research Projects:

- Principal Investigator:** Dr Arpana Bhide. **Title:** A prospective pre and post intervention study of effect of integrated yoga on interferon α , interleukin 2 and tumour necrosis factor α as markers of cell mediated immunity in healthy subjects. **Funding Agency:** SBAVP scheme.
- Principal Investigator:** Dr Arpana Bhide. **Title:** Assessment of prevalence of cardiac autonomic neuropathy and its association with serum interleukin 6 levels among type 2 diabetes mellitus patients. **Funding Agency:** SBAVP scheme

30.3 Research work

Ongoing thesis work:

- Arundhathi PV. Study of peak expiratory flow rate in school going children of age group 6-12 years in Tirupati (MD Thesis).

Annual Report 2023

30.4 Conferences attended, lectures delivered:

Dr P.V. Arundhathi, attended Conference on “Hematology and blood disorders and role of primary care Physicians” at SVMC on 26th November 2023.

30.5 Publications

1. Kaarna Munisekhar, Sharan B.Singh M, PVLN Srinivasa Rao, B.Sitaram, N.Sharvani, VS Kiranmayi: Effects of cow ghee on lipid peroxidation and lipid profile in healthy human volunteers before and after consuming ghee.
2. Pujitha Kunati, Sharan B.Singh M , V.Vanajakshamma, N.Sharvani, V.S Kiranmayi - Effects of cow ghee on lipid peroxidation and lipid profile in healthy human volunteers before and after consuming ghee of SVIMS University.
3. Pujitha Kunati , M Sharan B Singh , Vanajakshamma , N Sharvani, VS Kiranmayi -Effect of Heartfulness Meditation on Cortisol Levels and Vital Parameters in Healthy Female Medical Students A Prospective Longitudinal Study
4. Hari priya M, N Sharvani, V.Vanajakshamma, M Sharan B Singh , VS Kiranmayi -Effect of Heartfulness-Meditation on Quality Of Life, Heart Rate and Blood Pressure in Patients with Coronary Artery Disease
5. Hari priya M, N Sharvani, V.Vanajakshamma, M Sharan B Singh , VS Kiranmayi -Impact of heartfulness meditation on improving antioxidant status and lipid profile in patients with Coronary Artery Disease. – Paper under review.

30.6 CME's /Seminar/Workshops/Orations conducted by the department.

In a CME conducted on “Physiology of Diffusion of gases across respiratory membrane “,” conducted by three Dept. of Physiology, Medicine, Pediatrics & TB & RD on 1st July 202023.

Dr J.Suneetha Nirmala Kumari, CME talk on “Physiology of Diffusion of gases across respiratory membrane”, on 1st July 202023.

30.7 CME's /Seminar/Workshops attended

Dr Sharan B Singh M, Dr N. Sharvani, Dr Lakshmi Sravanthi, Mr.K.Muni Sekhar, Mrs.K.Pujitha, Mrs.M.Hari Priya, Mrs.P.Vani, Dr P.V.Arundhathi, attended CME on “Physiology of Diffusion of gases across respiratory membrane “,” at SVIMS on 1st July 2023.

Mrs.P.Vani, attended CME cum Workshop on Artificial Intelligence in Physiology and health care” at AIIMS, Raipur on 9th December 2023

Dr P.V.Arundhathi, attended CME on “Pharmacovigilance and medication safety”, at SVIMS on 8th December 2023.

30.8 Other academic activities

Dr Sharan B Singh M,

1. Principal for SVIMS-SPMC(W), Tirupati
2. Chairman for University Sports Board w.e.f.01.07.2017 at SVIMS, Tirupati
3. Chairman of Medical Education Unit
4. Resource faculty for RBCW, undergoing ACME training
5. Member of Purchase committee and Library Committee

Dr Sharvani,

1. Deputy warden of SPMCW girls hostel
2. Assistant Dean Student affairs, SVIMS University
3. Medical Education Unit Member

Dr Arpana Bhide

1. Medical Education Unit Member
2. Purchase committee member at SVIMS, Tirupati
3. Internal member in counseling admission committee at SVIMS

Seminar

Physiology among the 1st year MBBS students of SVIMS-SPMCW-Tirupati on 16th February 2023.

- 1st Prize -Dakshita Chug
- 2nd Prize-Saahithi D
- 3rd Prize-Srihitha Reddy Lakkireddy.

“4th A.P. State Level Quiz in Physiology HAYAGREEVA – 2023”

The “4th A.P. State Level Quiz in Physiology HAYAGREEVA – 2023” was conducted on 28th July’2023 by department of Physiology for all MBBS students of 14 teams colleges i.e. SVIMS-Sri

Padmavathi Medical College for Women-Tirupati, Sri Venkateswara Medical College - Tirupati, ACSR Govt.Medical College, Dargamitta, Nellore, Narayana Medical College , Chinthareddypalem, Nellore, PES Institute of Medical Sciences and Research , Kuppam.

- **1st Prize** - PES Institute of Medical Sciences and Research , Kuppam P Dharmika Shresta, K Mahendra Reddy, M. Sai Jahnvi.
- **2nd Prize - SVIMS-** Sri Padmavathi Medical College for Women-Tirupati Bhavna Pandey,Fagun Behl,K.Harika.
- **3rd Prize - SVIMS-** Sri Padmavathi Medical College for Women-Tirupati Settyalle Anusha,Tanisha Netra,Reet Arora

31.0 DEPARTMENT OF PSYCHIATRY

Assistant Professor & HoD i/c

Dr M Ganesh Kumar

Faculty

Dr B. Sivanandh

Senior Resident

Dr B. Durganjali

31.1 Awards, achievement and felicitations

Dr M. Ganesh Kumar, received Certificate of Appreciation for his extraordinary service as assistant professor in the department on 15th August 2023.

31.2. Research Work

Dr M. Ganesh Kumar

1. Medical and psychiatric comorbidities among patients with alcohol dependence: A multi-centre study from India
2. Clinical profile of patients seen by Consultation liaison services in a tertiary care center from south India: A cross sectional observational study.
3. Deliberate self-harm attempts: Role of mental health, perceived social support, coping skills, attachment style and psychosocial factors-A cross sectional study

31.3 Conference attended, Lectures delivered

1. Dr M. Ganesh Kumar has participated as Delegate at the 56th Annual Conference of Indian Psychiatric Society South Zonal Branch held from 13th – 15th October, 2023 at shree convention centre, Guntur, Andhra Pradesh.
2. Dr M. Ganesh Kumar has participated as Delegate at the 74th Annual Conference of Indian Psychiatric Society held from 18th – 21th Feb, 2023 at Bhubaneswar.

31.4 Publications

Publications in indexed journals

1. Mallaram GK, Sharma P, Kattula D, Singh S, Pavuluru P. Body image perception, eating disorder behavior, self-esteem and quality of life: a cross-sectional study among female medical students. J Eat Disord. 2023 Dec 15;11(1):225. doi: 10.1186/s40337-023-00945-2. PMID: 38102717; PMCID: PMC10724937.

Abstract of Publications

1. Ganesh Kumar M. Psychiatric morbidity in the first-year students of medical education: A prospective cohort study from South India.

31.5 Other academic activities of significance:

Dr M. Ganesh Kumar, Assistant professor

- Presented the case presentation for clinical meeting "A Case of a young female with conversion disorder: treatment with Lorazepam – assisted interview" on 04.05.2023 (3.00 pm to 4.00 pm).
- Started Student Wellness Center to exclusively focus on medical students' mental health in SVIMS-SPMCW on 27.09.2023.
- Conducted essay writing competition on World Mental Health Day and Suicide Prevention Day to medical students on October 10th 2023 in SVIMS, Padhmavathi Auditorium in Tirupati. To improve the awareness about mental health.

· **Dr B. Sai Pavan Kumar**, Senior Resident presented the research presentation for clinical meeting “Comparison of Disability scores between IDEAS and WHODAS in patients suffering with schizophrenia” on 06.05.2023 (8.00 am to 8.45 am).

· **Dr Durganjali. B**, attended a medical camp conducted at Allimitta on 02.12.2023 by community medicine department.

· **Dr Durganjali. B & Dr D.S.N. Nireesha** were deputed from the department of Psychiatry to examine health condition of TTD health workers conducted at TTD central hospital between 12.12.2023 to 16.12.2023.

· **Dr Durganjali B**, Senior Resident presented the spotter for clinical meeting on 16.12.2023 (8.45 am to 9.00 am)

32.0 DEPARTMENT OF PLASTIC SURGERY

Professor & Head

Dr Praveen Kumar Reddy C.V

Faculty

Dr Venkata Nagateja Mucherla

32.1 Conference attended

1. **Dr Venkata Nagateja Mucherla** has been an observer at Bhagwan Mahaveer Cancer Hospital and research center, Jaipur, Rajasthan in the month of February 2023.
2. **Dr Venkata Nagateja Mucherla**, attended the 12th Congress of the World society for reconstructive microsurgery (WSRM - 2023) held at Singapore in August 2023.

33.0 DEPARTMENT OF RADIO DIAGNOSIS

Professor & Head

Dr B.Vijayalakshmi Devi

Faculty

Dr A.Y.Lakshmi

Dr S.Sarala

Dr Silpa kadiyala

Dr Pavan Kumar G Kale

Dr Amitha vikram

Dr E.Vineela

Senior Residents

Dr G.Naveenkumar

Dr B.C.Sanjay

Dr P.Pooja Venavi

Dr Jyothirmayi

Dr Manasa

Dr C.Bhavani

Dr SanaAsfiya

Dr Aishitha

PG (MD) Junior Residents

Dr Mohankumar S

Dr P.Srinija

Dr V.Gowtham

Dr B.Alekhya

Dr C.Maheeya Sai

Dr S.Sowmiya

Dr Sirisha Simhadri

Dr P.Sumithra

Dr S.Sivanandini

Dr O.Neha

Dr B.V.Sindhua

Dr A.Nikhila

Dr V.Pooja

Dr B.Yaswanth

Dr K.DivyaSree

Dr G.KesavaRenukha

Dr M.H.Jahnavi

Dr V.Sruthi

Dr Abinaya

Dr CB Vishnu Vardhan Reddy

Dr P.SudhaRani

33.1 Awards, achievements and felicitations

1. **Dr B Vijaya Lakshmi Devi , Professor and HOD** was felicitated ,On the occasion of Inter National Women's Day Celebrations conducted on 08-03-2023 at Chadalawada Ramanamma Engineering College ,Renigunta Road , Tirupati.
2. **Dr B Vijaya Lakshmi Devi , Professor and HOD** was felicitated ,On the occasion of Inter National Women's Day Celebrations on 08-03-2023 conducted by Ambedkar study circle at Sanskrit Vidyapeet , Tirupati-Received certificate of honour as great teacher and mentor on the occasion of Teachers day celebrations on 05-09-2023 from Indian Radiological and imaging association.
3. **Dr Silpakadiyala,Professor**, Central council member (CCM) from AP state for year 2023 for Indian Radiological and Imaging Association, New Delhi.

33.2 Resarch projects

Ongoing projects:

1. **Principle Investigator:** Dr B Vijaya Lakshmi Devi, **Title:** Usefulness of shear wave elastography in differentiation of benign and malignant breast lesions.
2. **Principle Investigator:** Dr A.Y.Lakshmi, **Title:** Contrast enhanced ultrasound in the evaluation of focal liver lesions
3. **Principle Investigator:** Dr Sarala, **Title:** Role of strain elastography in differentiating benign from malignant thyroid nodules.
4. **Principle Investigator:** Dr Pavan kumar G.Kale, **Title:** Evaluation of solid focal liver lesions by shear wave sonoelastography

33.3 Research Work

Theses submitted

1. **Bhavani.** Ultrasonography guided surgical clip placemat for tumour localisation in patients undergoing neoadjuvant chemotherapy in carcinoma breast (MD Thesis). (MD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.
2. **Jyothirmayi.** Distinctive patterns of 3D ASL perfusion MRI Imaging in subtypes of stroke (MD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.
3. **SanaAsfiya.** Tricuspid annular diameter on CT chest, to detect significant Tricuspid Regurgitation (MD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.
4. **Manasa.** Evaluation of diagnostic performance of computed tomography in assessing Resectability of pancreatic malignancy based on national comprehensive cancer network criteria (MD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.
5. **Poojavenavi.** Radiological features in relation to epidermal growth factor receptor mutation status of exon 19 and 21 in lung adenocarcinoma (MD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.
6. **Naveenkumar.** Prognostic value of ICH score on patient outcome (MD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.
7. **Sanjay.** Assessment of spinopelvic parameters measures on erect, lateral view radiographs In patients with inter vertebral disc prolapsed on MRI (MD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.
3. **Srinija.** Study of Grading of Neural foraminal stenosis of lower cervical spine on oblique sagittal imaging in magnetic resonance imaging and its association with clinical findings (MD Thesis).
4. **Alekhya.** Association of apparent diffusion coefficient with ki-67 proliferation index in grading meningioma (MD Thesis).
5. **Maheesa Sai.** Evaluation of variations in sphenoid pneumatization and adjacent neurovascular structures in 128 slice CT scanner in a tertiary care hospital (MD Thesis).
6. **Sirisha.** Role of transcutaneous peri anal sonography in evaluation of perianal fistula with MRI correlation (MD Thesis).
7. **Mohan.** Role of magnetic resonance imaging in staging of patients with carcinoma cervix (MD Thesis).
8. **Sumithra.** Diagnostic accuracy of MRI finding with pathological finding in Rectal cancer patients in determining tumour staging and circumferential resection margin (MD Thesis).
9. **Pooja V.** Effectiveness of USG, Mammography and Doppler to predict molecular subtypes of breast cases (MD Thesis).
10. **Sivanandini S.** Efficacy of neck imaging reporting and data system (NIRADS) in predicting the local and regional recurrence of head and neck squamous all carcinoma after chemoradiotherapy by using CECT (MD Thesis).
11. **Nikhila.** Comparative analysis of arterial spin labelling and dynamic susceptibility contrast perfusion imaging of intracranial brain tumours (MD Thesis).
12. **Neha.** Study of Association between pre operative temporal bone high Resolution computed Tomography (HRCT) findings with intra operative findings of chronic otitis media (MD Thesis).
13. **Yaswanth.** Association between high resolution ultrasonography of peripheral nerves and nerve conduction studies in diabetic peripheral neuropathy.

Ongoing thesis work

1. **Sowmiya S.** Role of Ultrasound elastography in differentiating benign from malignant masses with cystological / histopathology correlation (MD Thesis).
2. **Gowtham V.** Ultrasonographic evaluation of peritoneal membrane thickness and its association with effectiveness of peritoneal dialysis (MD Thesis).

14. **Sindhu BV.** Efficacy of Sonoelastography in differentiating benign from malignant lymphnodes. In patients with cervical lymphadenopathy using pathological findings as Goldstandard(MD Thesis).

Thesis work carried out in other department

Dr A.Y.Lakshmi

1. Department of Urology: A study of Predict the outcome of optical internal Urethrotomy for short segment bulbar stricture.
2. Department of Nephrology : A study on impact of stone density on outcomes of percutaneous nephro lithotomy in staghorn calculi.
3. Department of Nephrology : Assessment of Nutrition, Adipocytokines, Insulin resistance oxidative stress, Inflammation, Endothelial dysfunction and cardiovascular risk , in non-Diabetic chronic kidney disease patients on chronic peritoneal dialysis
4. Ongoing topics : Study of perirenal and epicardial fat thickness, oxidative stress, inflammation, metabolic risk in predialysis CKD patients – Diabetic and non-Diabetic.
5. A study of oxidative stress, inflammation and metabolic impact on cardiovascular system in diabetic and non- diabetic patients of chronic kidney disease on maintenance haemodialysis and peritoneal dialysis.

33.4 Conferences attended, Lectures delivered

Dr B Vijaya Lakshmi Devi ,Professor and HOD

1. As a Faculty Conducted GE RADASPIRE QUIZ (Online) on 4 TH March 2023 for Radiology Postgraduates at National level.
2. Delivered guest lecture on “Step by Step Approach to interpret Breast MRI” in CME on Breast Imaging and Hands on workshop in Basic interventions ,held on 25 th and 26th March 2023 @Hotel Fortune Kences, Tirupati.
3. Guest lecture on “Malignancies in Oral Cavity -Key points in Reporting” in 9 th APIRIA Annual

state conference on Head and Neck imaging held on 16 th April at ASRAM medical college, Eluru.

4. As a Faculty Demonstrated the “CT guided Biopsy of Lung lesion” in “Workshop on Interventional Radiology” conducted by Department of Radiology in association with ISRT on 16-07-2023 for the benefit of BSc RIT students and Radiology Technicians of AP State.
5. Guest lecture on “Role of Interventional Radiologist in Acute Pancreatitis” in HPB certificate course conducted by Indian Chapter of International Hepato-pancreato-biliary association held on 26-07-2023 at Tirupati.
6. Participated “MRI Safety Workshop(online)” conducted by Department of Radiology, Tata Memorial centre, Mumbai on 29th April 2023.

Dr S. Sarala, delivered lecture on “Determinants of good quality USG image” in POCUS workshop conducted by FSCCM department of Anesthesiology in Ruia hospital on 16th December 2023

Dr Silpa Kadiyala,

Attended and delivered lecture at 75th National Annual conference of IRIA at Amritsar from 2-5 February 2023.

Attended and participated as faculty at 10th Annual conference at Breast imaging society of India held at Coimbatore from 27 – 29th October 2024.

Dr Amithavikrama: ISVIR 2023 – Lecture delivered

ISVIR complications meet - faculty

Faculty @ CME – CME vellore , April 2023

Dr Sanjay, Senior Resident delivered Lecture on “Coronary Angio” in Combined Radiology and Nuclear medicine CME at SVIMS held in the month of November 2023

Dr C.Bhavani, Senior Resident delivered Lecture on CTA in Congenital heart diseases, in Combined Radiology and Nuclear medicine CME at SVIMS held in the month of November 2023

33.5 Conferences organised and attended

Dr Bhavani: 13th Annual national conference of Indian association of cardiac imaging during 13-15 October 2023.

Dr S.Sowmiya: Breast imaging society of India conference 2023 27th – 29th October- Coimbatore (BISICON)

Dr PoonaVenavi: STAR primer CME 2023 from 20 to 22 January 2023.

Dr Manasa: STAR primer CME 2023 from 20 to 22 January 2023

Dr V.Pooja : Attended and presented paper at 10th Annual conference at Breast imaging society of India held at Coimbatore from 27 – 29th October 2024.

33.6 Presentations by post graduate students

Dr Bhavani, Presented topic of Role of CT Angiogram in Congenital heart disease in CME of Radiology and Nuclear Medicine on 4th November 2023.

Dr PoonaVenavi.

- Computed tomography imaging findings in mycotic aortic aneurysm of abdominal aorta.
- Radiological features in relation to epidermal growth factor receptor mutation status of exon 19 and 21 in lung adenocarcinoma

Breast imaging society of India conference 2023 (BISICON) at Coimbatore during 27-29 October 2023.

1. **Sowmiya S.** Prospective evaluation of Diagnostic performance of Mammography and sonography in differentiating benign for malignant breast masses with cystological/ histopathological correlation.
2. **Pooja V.** Retrospective study to evaluate role of Mammography to predict molecular subtypes of breast cancer.

33.7 Publications

Publications in indexed journals

1. Dinakar K, Jakka MK, Vemannagari PKR, Mohan A, Subramanian BV, Bodagala VD, Bhuma V, Das P, Bonala SR, Vutukuru VR. Efficacy of low-dose lung radiotherapy in the management of COVID-19 patients: a randomised, open-label study. Br J Radiol. 2023 Dec;96(1152):20230022. doi: 10.1259/bjr.20230022. Epub 2023 Oct 24. PMID: 37751170; PMCID: PMC10646638.
2. Krishna Kumar M, Murali A, Sairam N, Siddhartha Kumar B, Devi BV, Jayaprada R. Melioidosis presenting with multiple liver abscesses. J Clin Sci Res 2023;12(Suppl1):87-9.
3. Maria Bethsaida Manual, Kusuma Kumari Medooru, Lakshmi Amancharla Yadagiri, Velam Vanajakshamma, Aparna R. Bitla, Rapur Ram, Siva Kumar Vishnubotla. Correlates of Atherosclerotic Vascular Disease in Stable Postrenal Transplant Patients from South India Indian J Transplant 2023;17:68-73.
4. Kanchi Rama, Aparna R Bitla, Narendra Hulikal, Mutheeswaraiiah Yootla, Lakshmi Amancharla Yadagiri, Asha T, Manickavasagam M, Srinivasa Rao PVLN. Assessment of serum microRNA 21 and miRNA 205 as diagnostic markers for stage I and II breast cancer in Indian population. Published: 17-Jul-2023.
5. Koppara NK, Medooru KK, Yadagiri LA, Vishnubotla SK, Rapur R, Bitla AR. A study of oxidative stress, inflammation, and endothelial dysfunction in diabetic and nondiabetic chronic kidney disease pre dialysis patients. Indian J Nephrol 2023;33:420-5.

33.8 CMEs / Seminars/ Workshops / Orations held conducted by the department

1. Conducted the CME on Breast imaging and hands on workshop in Basic interventions from 25th to 26th March 2023.
2. “Workshop on Interventional Radiology” conducted by Department of Radiology in association with ISRT on 16-07-2023 at Sri Padmavati Auditorium, SVIMS, Tirupati.

Annual Report 2023

3. CME (Radiology& Nuclear Medicine) - Programme theme: “Cardiac Imaging” on November 4th / 2023- @Sri Padmavati Auditorium ,SVIMS , Tirupati.

Dr B Vijaya Lakshmi Devi, Professor and HOD

1. Organising Chairman “CME on Breast Imaging and Hands on workshop in Basic interventions during 25-26 March 2023 at Hotel Fortune Kences, Tirupati.
2. Organising Chairman “Workshop on Interventional Radiology” conducted by Department of Radiology in association with ISRT on 16-07-2023 at Sri Padmavati Auditorium, SVIMS , Tirupati
3. Organising Co- Chairman “Combined NM and Radiology CME on Cardiac Imaging” on 4th November 2023.

Dr Silpa Kadiyala, organising secretary for CME on breast imaging and hands on workshop in basic interventions / held at Hotel Fortune Kences, Tirupati.

33.9 CMEs/Seminars/Workshops attended

1. **Dr Sarala**, attended the advanced mini fellowship in abdominal imaging and Intervention, Hyderabad from 14.11.2024 to 18.11.2023. Attended 13th Annual National Conference of Indian Association of Cardiac imaging 13th to 15th October 2023 workshop on cardiac MRI.
2. **Dr Bhavani**, attended 13th Annual national conference of Indian Association of Cardiac imaging 13th to 15th October 2023 workshop on cardiac MRI.
3. **Dr Pooja Venavi** :

Attended Star primer CME 2023 from 20 to 22 Jan 2023

Certificate course for fetal radiology, Kerala from October 6 to 8 , 2023

Certificate course from fetal radiology Kerala from December 8 to 10 , 2023.

4. **Dr Aishitha**, attended Focussed course on fetal anomalies on 17th December 2023.
5. **Dr Neha**, attended 13th Annual national conference of Indian association of cardiac imaging during 13-15 October 2023.

33.10 Other academic activities of significance

Dr B Vijaya Lakshmi Devi, Professor and HOD

1. SVBC programme on Mammography awareness
2. All india Radio programme on Antenatal scanning
3. External examiner for RGUHS, Bangalore; NIMS, Hyderabad; SSUHS, Guwahati; NBE, New Delhi; MAHE, Manipal.

Dr Silpa Kadiyala, External examiner to MD exams to NTR University

Thesis evaluation and paper setting for SRU, Chennai

Viva – Voce examiner of masters in clinical Radiology examinations by ICRI

Viva faculty for online FRCR 2B master course, UK.

34.0 DEPARTMENT OF RADIOTHERAPY

Professor & HOD

Dr B.V.Subramanian

Faculty

Dr Pranabandhu Das

Dr V. Pavan Kumar Reddy

Dr B. Sreenivasa Rao

Dr J.Mohan Krishna

Dr G.V.Deepthi.

Senior Resident

Dr Sravani

Dr V. Divya Sowjanya

Dr P.Harika Bhavani

Dr P.Angelina shiny

PG (MD) Junior Residents

Dr Henita Selva Mary

Dr M.Subhash

Dr V.Sai Cherwin Reddy

Dr S.A.Raja

Dr G.Aasritha Sai

Dr Vijay Babu

Dr Ch.Sai Hima Varsha

Dr A.Baba Bharath

Dr T.Naveen Bharghav

Dr P.Maalini

Dr G. Sindhu

Dr M.Likitha

Dr S.Jagadeesh

Lecturer in Radiological Physics

Dr Balaraju

Dr M.Sangeetha

Dr A.Srinivasa Raghava

Dr K.Rajesh

Dr J. Anitha Kumari

34.1 Awards, achievements and felicitations:

1. Dr Pranabandhu Das was conferred the certificate of appreciation on 15th Aug 2023 (Independence day) for his extraordinary services as Associate Professor in the dept. of Radiation Oncology by Director cum VC & JEO TTD.

34.2 Research Work

Theses submitted

1. **Sravanthi B.** A prospective study to evaluate the clinical outcomes and dose volume histogram parameters of adaptive intensity modulated radiotherapy in the treatment of patients with head and neck cancers (MD Thesis). Tirupati:Sri Venkateswara Institute of Medical Sciences: 2023.

2. **YaminiR.** A prospective study to compare tumor response and toxicities in unresetable non-small cell lung cancers treated by concurrent chemo radiotherapy using two chemotherapy regimens such as cisplatin & etoposide Vs Carboplatin & Paclitaxel. (MD Thesis). Tirupati:Sri Venkateswara Institute of Medical Sciences: 2023.

3. **Susan S.** A prospective study to evaluate the occurrence of radiation pneumonitis following adjuvant radiotherapy in breast cancer patients. (MD Thesis). Tirupati:Sri Venkateswara Institute of Medical Sciences: 2023.

Ongoing thesis work

1. **Sai Cherwin V.** A prospective study to evaluate the efficacy of oral pilocarpine in radiation induced

xerostomia among patients of head and neck squamous cell carcinoma (MD Thesis).

2. **Henita.** A prospective randomised study to evaluate efficacy and safety between two different dose fractionation schedule of interstitial brachytherapy in treatment of patients with carcinoma of uterine cervix (MD Thesis).
3. **Raja S.A.** Dosimetry and clinical outcomes of tandem ring versus tandem ovoids intracavity brachytherapy applicators in the treatment of carcinoma cervix – A Randomised study (MD Thesis).
4. **Aasritha G.** A prospective study to evaluate set up errors organ motion, tumor progression and their association between internal target volume (ITV), planning target volume (PTV) margins during external beam radiotherapy in carcinoma of uterine cervix (MD Thesis).
5. **Vijaybabu M.** A prospective study to evaluate various prognostic factors of treatment outcome in patients with central nervous system gliomas (MD Thesis).
6. **SubhashM.** Clinical outcomes of locally advanced oral cavity cancers treated with definitive volumetric modulated ARC radiotherapy A prospective single centre study (MD Thesis).

34.3 Conferences attended, lectures delivered

1. Dr B.V.Subramanian, Prof & HOD attended the 4th Annual Conference Association of Radiation Oncologist of India AP Chapter during 30th September to 1st October 2023 in Rajahmundry.
2. Dr M.Subhash, attended the 4th Annual Conference association of Radiation Oncologist of India, A.P Chapter during 30th September to 1st October 2023 in Rajahmundry.
3. Dr M.Vijay Babu, attended the 4th Annual Conference association of Radiation Oncologist of India, A.P Chapter during 30th September to 1st October 2023 in Rajahmundry.
4. Dr G.Aasritha Sai attended the 4th Annual Conference association of Radiation Oncologist of India, A.P Chapter during 30th September to 1st October 2023 in Rajahmundry.

34.4 Publications

Publications in indexed journals:

1. Jilla Swapna, Prathipati Archana, Subramanian Bala Venkata, Das Pranabandhu. **Impact of various prognostic factors on survival in glioblastoma: tertiary care institutional experience** *ecancer* 2022 ;**16**:1386.
2. Bhavani PH, Subramanian BV, Das P, Lakshmi AY, Rukmangadha N. Primary synovial sarcoma of the brain in a 35 year old patient: A rare clinical experience. *J Clin Sci Res* 2023;12:68-71.
3. Deepthi GV, Subramanian BV, Pranabandhu Das, Swapna jilla, Sreenivasa Rao B.A Comparative Study of Hypofractionated Radiotherapy Versus Conventionally Fractionated Radiotherapy in Post Mastectomy Breast Cancer Patients, *International Journal of Scientific Research*, DOI: 10.36106/ijsr.

34.5 CMEs/Seminars/Workshops/Orations conducted by the dept.

1. CME on Pharmacovigilance & Medication Safety at SPMC(W), Lecture Gallery-II in collaboration with IPC-PvPI on 8th December 2023.
2. Guest Lecture session on “Introduction to Palliative Care” by Dr Radha Venkatesan, Honorary Faculty from Pallium India-at Sri Padmavathi Auditorium, SVIMS on 20th November 2023.

34.6 CMEs/Seminars/Workshop attended.

1. Dr B.Sreenivasa Rao, Assoc. Professor was attended “Workshop on Contemporary Management of Prostate Cancer 2023 with focus on Cadavaric Hands on Prostate brachytherapy during 12-13 January 2023 at MS Ramaiah Medical College, Bangalore.
2. Dr B.Sreenivasa Rao, Assoc. Professor was attended “6th AROI ESTRO GYN teaching on 3D Radiotherapy with special emphasis on implementation of MRI/CT based Brachytherapy in Cervical Cancer” at Basavatarakam Indo American Cancer Centre, Hyderabad during 16th- 19th March-2023.

35.0 DEPARTMENT OF SURGICAL GASTRO ENTIROLOGY

Professor & HOD

Dr Venkatarami Reddy.V

Faculty

Dr G. Siva Rama Krishna

Dr C. Chandramaliteeswaran

G.Naveen Kumar Reddy

Dr C Manoj Krishna

PG (MCh) Senior Residents

Dr Prudhvi Raj.K

Dr Sekuboyina Kiran Datta

Dr Gurulal Singh

Dr Abhijeet Jain

Dr Pushpendra Singh Gehlot

Dr G. Ganesh

Dr V. Jayadeep

Dr A. Ritesh

Dr S.Karuna Reddy

Dr Parmar Darshan Dineshbhai

Dr Rathod Bhavdip Kumar Dineshbhai

Dr Karimireddy Jahnavi

Dr Parimala Sri Sravya.S.

35.1 Awards, achievements and felicitations

Dr G.Siva Rama Krishna

1. Received PGCert Medical Education (Surgery) from University of Dundee (UK) on May 9th 2023.
2. Was awarded Healthcare Quality Assurance Manager by the Healthcare sector skill council, Govt of India, March 21st 2023.

35.2 Research work

Theses submitted

1. **PrudhviRajK** A prospective randomized study comparing Frey's procedure alone with combined Frey's and intra-operative celiac plexus neurolysis in pain control in chronic pancreatitis (MCh Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.

Ongoing thesis work

1. KiranDatta S. Predictive role of preoperative pancreatic CT attenuation index, pancreatic enhancement ratio in predicting postoperative pancreatic fistula following pancreaticoduodenectomy— a prospective observational study (MCh Thesis).

2. Gurlal Singh. Comparing the outcomes of nasojejunal feeding with feeding jejunostomy in patients undergoing Pancreaticoduodenectomy: A randomised controlled trial (MCh Thesis).
3. Pushpendra Singh Gehlot. Comparison of outcomes of Roux-En-Y gastrojejunostomy with standardised Braun's entero-enterostomy for peptic gastric outlet obstruction: A randomized controlled trial(MCh Thesis).
4. Abhijeet Jain. Comparing outcomes of standardized Braun's enteroenterostomy with Roux-En-Y reconstruction for gastrojejunostomy following Gastrectomy in carcinoma stomach: A randomised controlled trial (MCh Thesis).
5. Ritesh A. Outcomes of interrupted versus continuous suturing technique in patients undergoing hepaticojejunostomy: A Randomised controlled trial (MCh Thesis).
6. Ganesh G. Impact of ERAS protocol on the outcomes of lateral pancreatico-jejunostomy for chronic pancreatitis (MCh Thesis).
7. Jayadeep V. Comparison of outcomes of single layer end to end versus double layer side to side bowel anastomosis in patient undergoing elective gastrointestinal surgery: A randomized controlled trial (MCh Thesis).

Annual Report 2023

8. Karuna Reddy S. Comparison of effect of stapled versus hand sewn gastrojejunostomy on delayed gastric emptying following pancreaticoduodenectomy – A randomized control trial (MCh Thesis).

35.3 Conferences attended; lectures delivered

Venkatarami Reddy.V, Professor & Head:

1. Delivered a guest lecture on “Endovision& Energy sources” at FIAGES 2023 course held at Hyderabad from 26th to 28th January 2023.
2. Delivered a guest lecture on “Necrosectomy – Current status” at IHPBA Midterm conference 2023 held at Hyderabad from 10th to 12th February 2023.
3. Delivered a guest lecture on “Adult Megacolon” at National Surgical Gastroenterology Update 2023 held at Hubli from 10th to 12th June 2023.
4. Delivered a guest lecture on “Applied anatomy of colon & rectum” at National Surgical Gastroenterology Update 2023 held at Hubli from 10th to 12th June 2023.
5. Participated as a panelist in Panel discussion on “Corrosive injuries” at FALS UGI 2023, under the aegis of IAGES held at Puducherry from 22nd to 24th June, 2023.
6. Delivered a guest lecture on “Laparoscopic Cholecystectomy: Tackling difficult scenarios intraoperatively” at HPB certificate course 2023 under the aegis of IHPBA-Indian Chapter held at Tirupati from 25th to 29th July 2023.
7. Delivered a guest lecture on “Work up before FUNDO: Miss it at your Peril” at HSICON 2023 (17th Annual Conference of Hernia Society of India) held at Hyderabad from 31st August to 2nd September, 2023.
8. Participated as a Panelist in the Panel discussion on “Benign Biliary strictures” at 9th Biennial Congress of the Asian Pacific HepatoPancreato Biliary Association (APHPBA 2023) held at Bengaluru from 27th to 30th September, 2023.

9. Delivered a guest lecture on “Parastomal Hernia” at FALS Hernia 2023, under the aegis of IAGES held at Vijayawada from 20th to 22nd October, 2023.
10. Delivered a guest lecture on “Classification systems in Ventral Hernias and their application” at FALS Hernia 2023, under the aegis of IAGES held at Vijayawada from 20th to 22nd October, 2023.
11. Delivered a guest lecture on “Tips and tricks for a safe cholecystectomy” at HPB certificate course 2023 under the aegis of IHPBA-Indian Chapter held at AIIMS, New Delhi from 1st to 5th November 2023.
12. Moderated a Panel discussion on “Safe Cholecystectomy” at Annual conference of Indian Association of Surgical Gastroenterology (IASGCON 2023) held at Hyderabad from 27th to 30th November 2023.

Dr G. Siva Rama Krishna, Professor:

1. **Attended Advance CPQIH Training Program at Hyderabad from 19th to 22nd January 2023.**
2. **Attended 88th National Course on Educational Science for Teachers of Health Professionals from 20.02.2023 to 25.02.2023 at Department of Medical Education, JIPMER, Puducherry.**

Dr C. Chandramaliteswaran, Professor:

1. Attended 5th JIPMER surgery update and chaired a session of upper GI surgery from 30th March 2023 to 01st April, 2023 in JIPMER, Pandichery.
2. **Attended a workshop faculty for FALS-UGI at Jipmer, Pandichery from 23-06-2023 to 24-06-2023.**
3. **Attended Laparosgurg 2023 as chairperson from 07-08th July, held at Coimbatore.**
4. **Delivered a talk on Tips & Tricks of Lap.Fundoplication at FALS Hernia 2023, under the aegis of IAGES held at Vijayawada from 20th to 22nd October, 2023.**

5. **Delivered a talk on Laparoscopic Strong procedure in Asia Pacific Advanced GI Surgery network international webinar (APAN56) on 20-08-2023**

35.4 Presentations by postgraduate students

Dr PrudhviRaj K, M.Ch Resident:

1. Attended in the IHPBA, HPB certificate course held at SVIMS between 25-29 July, 2023.
2. Presented a paper in 9th A-PHPBA biennial conference from 27-30 September, 2023 held at Bangalore.

35.5 Publications

Publications in indexed journals

1. Lokesh Arora, Vutukuru Venkatarami Reddy, Sivarama Krishna Gavini, Chandramaliteeswaran Chandrakasan. Impact of route of reconstruction of gastrojejunostomy on delayed gastric emptying after pancreaticoduodenectomy: A prospective randomized study. *Ann Hepatobiliary Pancreat Surg* 2023;27:287-291

2. SravantiBalaga, Venkatarami Reddy Vutukuru, Sivarama krishna Gavini, Chandramaliteeswaran Chandrakasan, Brahmeswara Rao Musunuru. Evaluation of the Value of Intraoperative Peri-Pancreatic Fluid Amylase Concentration in Predicting a Postoperative Pancreatic Fistula After Pancreaticoduodenectomy. *Cureus* 15(8): e44475. doi:10.7759/cureus.44475
3. Siva Gavini, ChandramaliteeswaranC, VVutukuru. Synchronous double malignancies in patients with gastric cancer: A case series. *Int J Surg Med*. Online First: 09 Jan, 2024. doi:10.5455/ijsm.136-1671215421

35.6 Other academic activities of significance

1. Department organised “HPB Certificate course and Workshop” 2023 under the aegis of IHPBA-Indian Chapter at Sri Venkateswara Institute of Medical Sciences, Tirupati from 25th to 29thJuly, 2023.
2. Department organizes GUT CLUB meeting last Tuesday of every month for practicing surgeons and physician in Tirupati

36.0 DEPARTMENT OF SURGICAL ONCOLOGY

Professor & Head

Dr H.Narendra

Faculty

Dr B.Manilal

Dr S.Nagesh Kumar

Dr S.Nagesh Kumar

Dr B.V.Kishore Reddy

Dr Vinodhini .P

PG (MCh) Senior Residents

Dr P.Vinodhini

Dr G.Mahesh Babu

Dr Shathak S Baikady

Dr Yeswanth. N

Dr Theja P

Dr M.Praveen Kumar

PDF Resident

Dr Shreya Jawalkar

Ph.D Scholar

S.Raghava Krishna

36.1 Awards, achievement and felicitations

1. Dr Narendra H , Professor and Head, Outstanding ASI Member of the Year, 2023 by Association of Surgeons of India

36.2 Fellowships received

1. Dr Narendra H, Professor and Head, **ICMR-DHR International Fellow**: February-March 2023, Department of Special Surgical Oncology, Charite University, Virchow Klinikum, Berlin, Cyto-reductive Surgery and HIPEC (Prof. med. Beate Rau). **Short term ICMR-DHR international senior research fellowship** for Senior Indian Bio-medical Scientists for the year 2022-23 (Travel grant 4700 USD).

36.3 Research Project:

Completed

1. **Principle Investigator**: Dr H.Narendra. **Title**: Rapid Molecular Evaluation of Surgical Resection Margin of Cancer Using Mass Spectrometric Imaging.
2. **Principle Investigator**: S.Raghava Krishna. **Title**: Prospective randomized controlled study comparing the efficacy of manual lymphatic drainage and pneumatic compression therapy on secondary lower limb lymphedema in patients undergoing surgery and/or radiotherapy in gynecological malignancies

36.4 Research Work

Theses submitted

1. **Vinodhini P.** A prospective evaluation of role of imaging, HPV and EBV detection in lymph node biopsy specimens of patients with squamous cell carcinoma of unknown primary in neck (MCh Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.
2. **Shathak S Baikady.** A prospective study to evaluate the role of prophylactic contralateral selective neck dissection in clinical T3 and T4 oral cavity squamous cell cancer (MCh Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.

Ongoing thesis work

1. **Mahesh Babu G.** A Prospective evaluation of level IV cervical lymph node metastasis in operable squamous cell carcinoma of the oral tongue with a clinically node – Negative neck (MCh Thesis).
2. **Yeswanth. N.** A prospective study to evaluate the association between symptomatic hypocalcemia and parathormone levels in patients undergoing total thyroidectomy (MCh Thesis).
3. **Pavan Kumar Y.** A prospective study of diagnostic accuracy of sentinel lymph node biopsy by dual technique in AJCC stage I-III breast cancer patients receiving neoadjuvant chemotherapy (MCh Thesis).

4. **Ramesh Babu S.** Impact of pre-operative nutritional status and sarcopenia on immediate post-operative morbidity and mortality among patient's undergoing upfront surgery for oral cavity cancers – A prospective observational study (MCh Thesis).

36.5 Conferences attended, lectures delivered

1. Dr Narendra H , Professor and Head, Invited Faculty, guest lecture on “Incidentally detected Uterine cancer-How to Manage?” at The International conference on Advancements in Gynecologic Oncology CME & Live Robotic Interactive Workshop, 27th & 28th May 2023, Yashoda Hospitals, Hitec City, Hyderabad.
2. Dr Narendra H , Professor and Head, invited Guest Faculty, Moderator, Symposium Use of Florescence technology in cancer surgery, 3rd Indian Cancer Congress, 2nd-5th November 2023, Jio World trade center, Mumbai
3. Dr Narendra H , Professor and Head, Invited Guest Faculty, Panel discussion on Management of Complications of Hepatic resections, 3rd Indian Cancer Congress, 2nd-5th November 2023, Jio World Convention Center, Mumbai
4. Dr Narendra H , Professor and Head, Judge, IASO Oral Abstract presentations, 3rd Indian Cancer Congress, 2nd-5th November 2023, Jio World Convention Center, Mumbai
5. Dr Narendra H , Professor and Head, Invited faculty, Panel discussion on Updates in Breast cancer- Case based discussion, during ASICON 2023, 13-16th December 2023

36.6 Publications

Publications in indexed journals :

1. Mondal S, Sthanikam Y, Kumar A, Nandy A, Chattopadhyay S, Koner D, Rukmangadha N, Narendra H, Banerjee S. Mass Spectrometry Imaging of Lumpectomy Specimens Deciphers Diacylglycerols as Potent Biomarkers for the Diagnosis of Breast Cancer. *Anal Chem.* 2023 May 23;95(20):8054-8062. doi: 10.1021/acs.analchem.3c01019. Epub 2023.
2. Rama K, Bitla AR, Hulikal N, Yootla M, Yadagiri LA, Asha T, et al. Assessment of serum microRNA

21 and miRNA 205 as diagnostic markers for stage I and II breast cancer in Indian population. *Indian J Cancer* 2023. doi: 10.4103/ijc.IJC_187_20.

3. Sakkuru RK, Hulikal N, Venkata SB, Konetigari. M Incidence of Lower Limb Lymphedema in Post therapeutic Gynaecological Malignancies. *Int J Physio [Internet].* 2023 Jun. 9 [cited 2023 Jul. 26];10(2):41-6. Available from: <https://ijphy.com/index.php/journal/article/view/132>
4. Nagaraja M, Narendra H, Venkataramana B, Kalawat U. HPV genotype prevalence in Indian women with cervical disease and estimation of the potential impact of HPV vaccines on prevention of cervical cancer. *Indian J Med Microbiol.* 2023 May-Jun;43:73-78. doi: 10.1016/j.ijmmb.2022.09.004. Epub 2022 Oct 11. PMID: 36241529.

Case reports:

1. Vinodhini P, Singaram N, Hulikal N. Advanced extra mammary paget's disease of scrotum – An uncommon presentation. *IOSR J Dental and Med Sciences.* 2023;22: 12-15.
2. Baikady SS, Singaram NK. Adult onset sacrococcygeal teratoma. *Cureus.*2023; 15

36.7 CMEs/Seminars/Workshops attended

1. Dr Narendra H , Professor and Head, ESSO Advanced Course on the Management of HIPEC after CRS, Ethicon Surgical Institute, Hamburg, Germany during 2-4 March 2023.
2. Dr S.Nagesh Kumar, Assistant Professor, Surgical Oncology attended Annual update in peritoneal surface malignancies during 13 - 15 April 2023 at Tata Medical Centre, Kolkata.

36.8 Other academic activities

1. Dr Narendra H , Professor and Head was Examiner for MCh (Surgical Oncology & DNB).
2. Dr Narendra H , Professor and Head elected as EC member IASO for the year 2022 – 2024.
3. Dr B.Manilal, Professor was Examiner for DNB Practical conducted by NBEMS, Mumbai on 17th & 18th May 2023.

37.0 DEPARTMENT OF T.B & R.D

Faculty

Dr A.R. Chaitanya

Dr G. Anusha

37.1 Awards, achievements and felicitations

Dr A.R. Chaitanya, Senior Resident, was awarded “**Dr Babu Rao Gold Medal**” for scoring highest marks in MD degree examinations among the students of state medical colleges on the occasion of 26th Annual Convocation held on 6th February 2024 at Vijayawada.

37.1 Fellowships received:

National

1. Dr A.R. Chaitanya, Senior Resident was awarded fellow of the Diploma in Allergy and Asthma by CMC Vellore, endorsed by American Academy of Allergy, Asthma and immunology on January 2023

37.2 Conferences attended, lectures delivered:

International:

1. Dr G. Anusha, Senior Resident attended 38th Conference “International Conference on Emergency medicine and role of primary care physicians on 24-9-2023.
2. Dr G. Anusha, Senior Resident attended 39th Conference “International Conference on Endocrinology role of primary care physicians on 22-10-2023.
3. Dr G. Anusha, Senior Resident attended 40th Conference “International Conference of Hematology and Blood disorders and Role of primary care physicians on 26-11-2023 Reg/APMC/ CME/186/2023

National:

1. Dr A.R. Chaitanya, Senior Resident attended conference, Update in Pulmonary, Critical care and Sleep medicine, AIIMS PULMOCRIT-2023, on 4th to 5th February 2023 at AIIMS Delhi.

37.3 CMEs/Seminars/Workshops/Orations conducted by the dept.

1. A CME on “Diffusion capacity of lung for carbon monoxide” was presented by Dr A.R. Chaitanya, Senior Resident in TB & RD which was jointly organised by departments of MEDICINE, TB & RD, PEDIATRICS, and PHYSIOLOGY on 1st July 2023.

37.4 CMEs/Seminars/Workshops attended:

1. Dr A.R. Chaitanya, Senior Resident attended international workshop in basic and advanced lung function testing on 2nd, 3rd February 2023 as part of AIIMS PULMOCRIT-2023 at AIIMS Delhi.
2. Dr G. Anusha, Senior Resident attended spirometry simplified workshop on 22nd Oct 2023

38.0 DEPARTMENT OF TRANSFUSION MEDICINE

Professor & Head

Dr K.V.Sreedhar Babu

Faculty

Dr B.Suresh Babu

Dr Dilli Praveen Mabbu

Senior Resident

Dr C.Ravikanth

PG (MD) Junior Residents

Dr S.Prashanth

Dr B.Jayasree

Dr S.Jeevan Kumar

38.1 Awards, Achievements and felicitations:

1. Dr S.Prashanth, MD Resident received Consolation (**4th Prize**) award in the quiz contest conducted by Indian Society of Blood Transfusion and Immunohematology(ISBTI) - 2023 held at BMCRI, Bangalore on 15th March, 2023.
2. Dr S Prashanth MD Resident received Runner up award (**2nd Prize**) in the National level quiz competition conducted–Indian society of Transfusion Medicine (ISTM) during TRANSMEDCON 2023 held at Chandigarh during 3- 5 November 2023 sponsored by SPAN academy.

38.2 Research work

Theses submitted

1. **Ravikanth C.** A Cross sectional observational study on estimation of ABO anti-A and anti-B agglutination titers among blood donors at tertiary care referral teaching hospital blood bank (MD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.

Ongoing thesis work

1. **Prashanth S.** Estimation of Nucleic acid Amplification Test yield in hepatitis B, hepatitis C, and Human immunodeficiency viruses among blood donors in a tertiary care teaching hospital blood centre (MD Thesis).
2. **Jayasree B.** Analysis of Key performance Indicators of the Blood Centre of a Tertiary care

Referral Teaching Hospital in South India (MD Thesis).

38.3 Conferences attended, lectures delivered

Dr B.Suresh Babu, attended

1. CME conducted by the Department of Transfusion Medicine and Emergency Medicine, SVIMS, and delivered a lecture on Pathogen inactivation of Cellular Blood components held at Sri Padmavathi Auditorium, SVIMS, Tirupati on 04.03.2023.
2. 11th Annual National Conference of ISTM - TRANSMEDCON 2023 jointly organized by Department of Transfusion Medicine, PGIMER, Chandigarh and Department of Transfusion Medicine, GMCH, Chandigarh.
3. Presented E-poster titled “Clinical audit in Transfusion Medicine: An analysis on appropriate clinical use of packed red blood cell transfusions among hospitalized patients.” At 11th Annual National Conference of ISTM - TRANSMEDCON 2023 held at Chandigarh, India during 3- 5 November, 2023.

38.4 Presentation by postgraduate students

Dr S.Prashanth, attended 11th Annual National Conference of ISTM, TRANSMEDCON 2023 jointly organized by Department. Transfusion Medicine PGIMER, Chandigarh, Department of Transfusion Medicine, GMCH, Chandigarh presented E-poster titled “How Positively Are RhD Negative Donor Red Cell Units Utilized? Analysis

from A Tertiary Care Teaching Hospital Blood Centre” held at Chandigarh, India during 3-5th November, 2023.

38.5 Publications (Vancouver style) and abstract of the publications

Publications in indexed journals

1. Ravikanth C, Arun R, Suresh Babu B, Sreedhar Babu KV, Sandhya G, Prashanth S. A cross-sectional observational study on estimation of ABO anti A and anti-B agglutinin titers among blood donors at a tertiary care referral teaching hospital blood centre in Southern India. (Accepted for publication by JCDR).

38.6 CMEs/Seminars/Workshops/Orations conducted by the department.

CME on **Massive Transfusion in Trauma – Engagement and Scope in development of a protocol, Transfusion in Critically ill patients, Pathogen inactivation of Cellular Blood Components** was jointly organized by the Department of Transfusion Medicine and Emergency Medicine on 4th March 2023.

38.7 CMEs/Seminars/Workshops attended

Dr K.V.Sreedhar Babu, attended “International Lead Auditors Programme – Laboratory Management System Requirements” conducted by (Foundation for Quality (FQI) – at SVIMS, Tirupati between 25.09.2023 to 01.06.2023.

Dr B.Suresh Babu, attended

“International Lead Auditors Programme – Laboratory Management System Requirements”.- conducted by (Foundation for Quality (FQI) – at SVIMS, Tirupati between 25.09.2023 to 01.06.2023.

11th Annual National Conference of ISTM, TRANSMEDCON-2023 jointly organized by Department. Transfusion Medicine PGIMER, Chandigarh, Department of Transfusion Medicine, GMCH, Chandigarh (GMCH), held at Chandigarh, India during 3- 5 November 2023.

Dr C.Ravikanth, attended CME on Massive Transfusion in Trauma – Engagement and Scope in development of a protocol, Transfusion in Critically ill patients, Pathogen inactivation of Cellular Blood

Components was jointly organized by the Department of Transfusion Medicine and Emergency Medicine, Sri Padmavathi Auditorium, SVIMS on 4th March 2023.

Dr S.Prashanth, attended

1. CME on Massive Transfusion in Trauma – Engagement and Scope in development of a protocol, Transfusion in Critically ill patients, Pathogen inactivation of Cellular Blood Components was jointly organized by the Department of Transfusion Medicine and Emergency Medicine, Sri Padmavathi Auditorium, SVIMS on 4th March 2023.
2. CME 2023 ISBTI (Indian Society of Blood Transfusion and Immuno Hematology) titled “Newer Trends in Transfusion Medicine & Its Clinical Utility” held at Bangalore on 15.03.2023.
3. “Masterclass in Transfusion Medicine: An Immunohematology Update” organized by Department of Transfusion Medicine, Dr Rela Institute & Medical Centre, Chennai on 21st April, 2023.
4. CME 2023 titled “Essentials of Transfusion Medicine” held at Manipal Hospital, Old Airport Road, Bangalore on 12th June 2023.
5. CME 2023 titled “Clinicians Connect with Transfusion Medicine” held at Manipal Hospital, Old Airport Road, Bangalore on 13th June 2023.
6. CME on Transfusion Medicine Update 2023 organized by the Department of pathology and Transfusion Medicine Dr Pinnamaneni Siddhartha Institute of Medical Sciences & Research Foundation, Chinna Avutapalli, on 22nd July 2023.
7. Workshop on Advanced Immunohematology organized by the Department of pathology and Transfusion Medicine Dr Pinnamaneni Siddhartha Institute of Medical Sciences & Research Foundation, Chinna Avutapalli, on 23rd July 2023.
8. Work shop on Advanced Immunohaematology organized by Department of Transfusion Medicine and Blood Centre, SRM Medical College Hospital and Research Centre, Kattankulathur Campus in association with Quidel Ortho on 5th August 2023.

Dr B.Jayasree, attended

1. CME on “Systemic Disease and oral health” organized by ENT, Ophthalmology and Dental Surgery held at Sri Padmavathi Auditorium, SVIMS on 7th January 2023.
2. CME on Massive Transfusion in Trauma – Engagement and Scope in development of a protocol, Transfusion in Critically ill patients, Pathogen inactivation of Cellular Blood Components was jointly organized by the Department of Transfusion Medicine and Emergency Medicine, Sri Padmavathi Auditorium, SVIMS on 4th March 2023.

38.8 Other academic activities

Dr K.V.Sreedhar Babu,

1. External Examiner for II MBBS students at ACSR Govt. Medical College, Nellore from 28.01.2023 to 03.02.2023.
2. NMC Assessor for renewal of recognition of MD-IHBT Course at Medical College- Baroda, Vadodhara, Gujarat on 06.02.2023.
3. NMC Assessor for renewal of recognition of MD-IHBT Course at SCB Medical College & Hospital, Cuttack, Odisha on 14.03.2023.
4. Moderation of DNB –IHBT Theory Question Papers at NBEMS, New Delhi on 31.03.2023.
5. External Examiner DNB – IHBT practical Examinations at St. John’s Medical College & Hospital, Bengaluru on 05.04.2023.
6. External Examiner, II MBBS at S.V.Medical College, Tirupati between 21.05.2023 to 22.05.2023.
7. External Examiner – MD-Transfusion Medicine at S.P.Medical College & Hospital, Bikaner on 24.07.2023 & 25.07.2023.
8. External Examiner – MD-Transfusion Medicine at Tirunelveli Medical College, Tirunelveli on 28.07.2023 & 29.07.2023.
9. External Examiner DNB – IHBT practical Examinations at BJ Medical College & Civil Hospital, Ahmedabad, Gujarat on 12.09.2023 & 13.09.2023.
10. Moderation of DNB –IHBT Theory Question

Papers –October 2023 session at NBEMS, New Delhi on 10.10.2023.

11. External Examiner – MD-Transfusion Medicine at Kamineni Academy of Medical Sciences, LB Nagar, Hyderabad on 09.11.2023 & 10.11.2023.
12. Evaluated theory examination papers of MD-IHBT of University School of Sciences, Gujarat University, Ahmedabad – June-2023.
13. Member: Human Ethics Committee, IISER, Tirupati and attended for meeting on 27.12.2023.
14. Attended for Remote Digital Evaluation of answer sheets for DNB/ Dr NB IHBT Final Theory Examinations, October 2023 Session.
15. Attended for remote evaluation of Answer Sheets of FAT (DNB-IHBT) Theory Examination-2022 held on 18th June, 2023.
16. External Member – Post Graduate Board of Studies in Basic Medical Sciences, Sri Ramachandra Medical College & Research Institute, Porur, Chennai On 11.12.2023 – to start MD –Laboratory Medicine Course.
17. Attended for digital evaluation of MD-IHBT theory answer sheets of June,2023 session at the Tamilnadu, Dr MGR Medical University, Chennai.
18. MD-Transfusion Medicine –Theory examination Paper setter for Rajiv Gandhi University of Health Sciences, Bengaluru, Karnataka for June,2023 Session.
19. Evaluated dissertations of MD-Transfusion Medicine from Vinayaka Mission Medical College, Salem of June,2023 session.
20. MD-Transfusion Medicine –Theory examination Paper setter for SUM Medical College, Bhubaneswar, Odisha for June,2023 Session.

39.0 DEPARTMENT OF UROLOGY

Professor & Head

Dr N.Anil Kumar

Faculty

Dr M. Harsha Vardhana Varma

Dr Anirudh Suseel

PG (MCh) Senior Residents

Dr P.Sravan Reddy

Dr Naveen V.T

Dr Sindhura M

Dr V.Praveen Kumar

Dr K.Dheeraj Kumar

Dr S.Sumegha Malika

Dr N.C.Vignesh

Dr K.Karthik Kumar

Dr K. Viswanath

Dr VSB Vamsi Krishna

Dr Y. Naveen Kumar

Dr Earla Dinesh

39.1 Research Projects

1. Utility of F-18 PSMAPET CT in initial staging and response evaluation of prostate cancer (Co investigator along with Dr T.Kalawat, Department of Nuclear Medicine)

39.2 Research Work

Theses submitted

1. **Anirudh Suseel N.** A study to evaluate the complications of laparoscopic renal and adrenal surgeries using modified clavien-dindo classification (MCh Thesis).Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.
2. **Harsha Vardhana Varma M.** A study of preoperative clinical predictors of lymphovascular invasion on histopathological examination of transurethral resection of bladder tumours (MCh Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.
3. **Ashish Kumar Jayanth.** A study of impact of percutaneous assess point number and location on surgical outcomes in percutaneous nephrolithotomy – A prospective observational study (MCh

Thesis).Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.

4. **Anupam Bhargava.**A study of risk factors and complications of neglected double J stent in cases presenting to urology, SVIMS (MCh Thesis).Tirupati: Sri Venkateswara Institute of Medical Sciences; 2023.

Ongoing thesis work

1. **Praveen Kumar V.** A clinical study of donor site morbidity of Bucal Mucosal Graft Urethroplasty for urethral stricture disease (MCh Thesis).
2. **Sindhura M.** A comparative study of Outcomes in PCNL with Nephrostomy tube VS without Nephrostomy tube (MCh Thesis).
3. **Naveen VT.** A Clinical study on complications of TRUS guided prostate biopsies done at Department of Urology-SVIMS(MCh Thesis).
4. **Sravan Reddy P.** Effect of stone burden and stone configuration of the outcome of percutaneous nephrolithotomy procedure (MCh Thesis).

5. **Sumegha Malika S.** A study to predict the outcomes of optical interna urethrotomy for short segment bulbar stricture (MCh Thesis).
6. **Vignesh MC.** A study on impact of stone density on outcomes of percutaneous nephrolithotomy in staghorn renal calculi (MCh Thesis).
7. **Dheeraj Kumar.** A study on surgical outcomes of single stage hypospadias repair in penile hypospadias patients (MCh Thesis).
8. **Karthik Kumar K.** A study of acute complications of intravesical BCG immunotherapy in non muscle invasive bladder carcinoma – A prospective observational study at SVIMS (MCh Thesis).

Thesis work carried out in other departments

Dr N.Anil Kumar was *Co-guided* for the following thesis

1. Dr Shaik Rishma. Role of F-18 PSMA (Fluorine-18 Prostate Specific Membrane Antigen) 1007 PET CT (Positron Emission tomography computed tomography) Scan in evaluation of primary and distant metastatic sites in patients with carcinoma prostate(MD Thesis).

39.3 Conferences attended, lectures delivered.

1. Dr N.Anil Kumar attended USICON 2023 at Gurugram, Haryana during 2-5 February, 2023.
2. Dr N.Anirudh Suseel attended “International conference on Nephrology & Urology emergencies – Role of primary care physicians” (Virtual) held on 26.02.2023 Organized by – SVMCAA Tirupati, AP stage & IMA CGPHQs, Chennai, TN state.

Dr N.Anil Kumar, Dr Harsha Vardhana Varma M, Dr P.Sravan Reddy, Dr M.Sindhura, Dr V.T.Naveen, attended SZUSICON held on 11th to 13th August, 2023 at Thiruvananthapuram.

Dr N.Anil Kumar, Dr N.Anirudh Suseel, Dr Harsha Vardhana Varma.M, Dr Anupam Bhargava, Dr Ashish Kumar Jayanth, Dr Praveen Kumar, Dr P.Sravan Reddy, Dr M.Sindhura, Dr V.T.Naveen, Dr S.Sumegha Malika, Dr K.Karthik Kumar, Dr K.Dheeraj Kumar, Dr N.C.Vignesh, attended PERCON 2023 (Virtual) at Apollo Spectra Hospital, Delhi on 30th September & 1st October, 2023.

Dr Anil Kumar, Dr Praveen Kumar, Dr S.Sumegha Malika, Dr K.Karthik Kumar, Dr K.Dheeraj Kumar. Dr N.C.Vignesh, attended SOGUS AP & TS during 17-19 November, 2023 at Visakhapatnam.

39.4 Presentations by postgraduate students

Postgraduate students pursuing MCh (Urology) presented the following papers and posters at

SZUSICON during 11-13 August 2023 at Thiruvananthapuram.

1. Sravan Reddy P. A Prospective observational study of factors predicting outcomes of upper limb radio-cephalic arterio venous fistula.
2. Sindhura M. A comparative study of the outcomes of laparoscopic transperitoneal simple nephrectomy in non-inflammatory versus inflammatory non-functioning kidney – A prospective observational study.
3. Naveen VT. Emphysematous pyelonephritis: Demographics, clinical predictors, management & outcomes – Out experience at a Tertiary Care Centre.

SOGUS AP & TS held on 17th, 18th&19th November, 2023 at Vizag.

1. **Sravan Reddy P.** Angiomyolipoma presenting as necrotising fasciitis of back.
2. **Sumegha Malika S.** A study of factors affecting surgical outcome of excision and end to end anastomosis for bulbar urethral stricture and present a poster on A rare anatomical variation of brachial artery encountered during arteriovenous fistula creation.
3. **Dheeraj Kumar K.** Preoperative clinical predictors of lymphovascular invasion in bladder tumours: A retrospective analysis.
4. **Dheeraj Kumar K.** Rare case of urethral granuloma post BCG instillation in non muscle invasive bladder malignancy.
5. **Karthik Kumar K.** “A study of acute complications of intravesical BCG immunotherapy in non muscle invasive bladder cancer - A observational study at

SVIMS” and presented a poster on” A story of two silent pheochromocytomas”.

6. **Vignesh NC.** Study of factors predicting impacted nature of ureteric stone in patients undergoing ureteroscopic lithotripsy and presented a poster on” Double barrel wet colostomy: A better alternative for urinary diversion after pelvic exenteration”.

39.5 Publications

1. Anil Kumar N, Konda Reddy Ch, Shashi Kumar, Ashish Kumar Jayant. An observational study to evaluate the feasibility, stone – Free rate and complications of RIRS in children < 5 years of age. *International Journal of Current Pharmaceutical Review and Research.* 2023;15(4):141–148.
2. Anil Kumar N, Manoj B, Shashi Kumar, Anupam Bhargava. Outcome assessment of Tubeless Mini – Percutaneous Nephrolithotomy (PCNL) for the treatment of large (> 20mm) Renal stones. *International Journal of Current Pharmaceutical Review and Research.* 2023;15(5):13–19.
3. Anil Kumar Nallabothula, Shashi Kumar, Komarabathini Rakesh Pradeep, Anirudh Suseel Nalumar. A Prospective Study of Factors Predicting Outcome of Trial of Void without Catheter in Patients with Acute Urinary Retention Secondary to Benign Prostatic Hyperplasia. *International Journal of Current Pharmaceutical Review and Research.* 2023;15(7):38–44.
4. Kattamreddy Ananth Rupesh, Anirudh Suseel Nalumar, Mohit Kumar Moses T, Keertan Adarsh Bhagavathula, Keerthana Chunduru, Naga Tejaswi Surla, Manasa Marada, Alekhya Marina. A comprehensive primer on transgender health in India. *National Board of Examinations Journal of Medical Sciences.* 2023;1(11)<http://dx.doi.org/10.61770/nbejms.2023.v01.i11.006>.

5. Dharani Prasad P, N. Anil kumar, Sai Gowtham K, Sai Chaitanya K, Chandra Priya P3, Tejaswani K, Maneesha, Vishnu Teja P, Mallikarjuna B P. Monotherapy of tamsulosin vs monotherapy of solifenacin in the treatment of ureter Stent discomforts in urology patients: A retrospective study. *Journal of Population Therapeutics and Clinical Pharmacology,* 2023, 30(9). <https://doi.org/10.47750/jptcp.2023.30.09.012>

39.6 CMEs/Seminars/Workshops/Orations conducted by the dept.

CME conducted on 06.05.2023 by Urology, Nephrology & OBG departments.

Urology : “Obstructive uropathy/nephropathy in obstetrics – role of urologist” by Dr Ashish Kumar Jayant, Senior Resident; Nephrology:”AKI in pregnancy – role of nephrologist “ by Dr Surya Prakash, Senior Resident and OBG: “ Physiological Changes In Kidney during Pregnancy “ by Dr Malathi, Associate Professor & HOD i/c.

39.7 CMEs/Seminars/Workshops attended.

- 1 Dr M.Sindhura attended Midterm CME on 4th June, 2023 at Warangal.
- 2 Dr N.Anirudh Suseel attended RIRS live training workshop on 18.03.2023 at Medicover Hospital,HITEC city, Hyderabad.
- 3 Dr N.Anirudh Suseel, Dr Harsha Vardhana Varma.M, Dr Anupam Bhargava, Dr Ashish Kumar Jayanth attended “ Urology Master Class” at CMC, Vellore on 2nd and 3rd June, 2023.
- 4 Dr N.Anirudh Suseel, Dr Anupam Bhargava, Dr Ashish Kumar Jayanth attended “USI-DNDUREP” at Jupiter Hospital, Thane on 29th and 30 July, 2023.

39.8 Other academic activities

1. Every Monday to Friday 7.30am to 8.30am Seminar, Clinical discussion, Journal club, thesis review, operative surgery discussion

40.0 COLLEGE OF NURSING

Professor / Principal I/c

Dr P. Sudha Rani

Associate Professors

Mrs. S. Swarna

Mrs. K. Varalakshmi

Dr C. Usha Kiran

Dr M. Sreelatha

Dr M. Nagarathnam

Assistant Professors

Dr S. Hemalatha

Dr B. Kokilamma

Dr M. Bhagya Lakshmi

Tutors

Dr V. Naganandini

Dr P. Christina Bharathi

Dr K. Gowri Devi

Dr B.M. Madhavi

Dr M. Lakshmi Devi

Dr P. Sumalatha

Dr P. Sreedevi Annapura

Dr C. Pragasa Mary

Ad- hoc Tutors

Dr M. China Nagendram

Dr K. Bujji

Staff Nurses on Deputation

Dr V. Karpugam

Mrs. D. Reddemma

Dr A. Shobha Rani

40.1 Dissertation work

1. **Gunnaiah CH.** A comparative study to assess the knowledge on pediatric ventilator care among B.Sc(N). (MSc Dissertation).
2. **Neelima K.** A study to assess the knowledge regarding revised immunization schedule among mother of under five children at pediatric OPD, SVIMS (SPMC(W)), Tirupati (MSc Dissertation).
3. **Obulesu K.** A study to assess the effectiveness of planned teaching programme on knowledge regarding prevention of vitamin-D deficiency among mother of under five children in selected urban area at Tirupati (MSc Dissertation).
4. **Sai Geetha G.** A study to assess the knowledge regarding pre-mature babies care among antenatal mother at selected health centre, Tirupati (MSc Dissertation).
5. **Madhavi,** A study to assess the knowledge regarding self-care management of client with diabetes in selected urban slums, Tirupati (MSc Dissertation).
6. **Sindhu Priya K.** Knowledge assessment of accredited social health activist about the rashtriya balaswasthya karyakram in selected urban slums, Tirupati (MSc Dissertation).
7. **Revathi V.** A study to assess the knowledge on risk factors warning signs of myocardial infarction among patients attending and OPD, SVIMS, Tirupati (MSc Dissertation).
8. **Poojitha K.** Assessment of knowledge on prevention of deep vein thrombosis among patients admitted in pre-operative wards SVIMS, Tirupati (MSc Dissertation).

Annual Report 2023

9. **Krupa Bharathi B.** A study to assess the knowledge regarding the warning signs of renal failure patients attending to OPD's in SVIMS, Tirupati (MSc Dissertation).
10. **Naga Surekha P.** A comparative study to assess the quality of life between hemodialysis and peritoneal dialysis patients attending dialysis units of SVIMS, Tirupati (MSc Dissertation).
11. **Hemalatha M.** A study to assess the knowledge attitude and practice on pap smear test among women attending MCH centre, Tirupati (MSc Dissertation).
12. **Sai Dinesh T.** Assess the knowledge on radiation therapy induced skin reactions among care givers of cancer patients attending oncology OPD, SVIMS, Tirupati (MSc Dissertation).
13. **Vijayamma K.** A study to assess the knowledge regarding polycystic ovarian disease among college girls in selected government colleges of Tirupati, Chittoor (Dt) (MSc Dissertation).
14. **Sireesha MC.** A study to assess the knowledge regarding legal aspects in psychiatry nursing on B.Sc Nursing students in SVIMS at Tirupati (MSc Dissertation).
15. **Deepika MR.** A retrospective study to assess the stress among the COVID-19 patients during social isolation (MSc Dissertation).
16. **Hymavathi D.** A study to assess the stress perceived by the parents due to school closures during COVID-19 pandemic (MSc Dissertation).
17. **Reddi Rani M.** Effectiveness of structured teaching programme on anger management among intermediate students at selected intermediate colleges at Tirupati. A.P.(MSc Dissertation).
18. **Usha Rani Y.** A Co-relational study to assess the level of depression and death anxiety in relation to COVID-19 among geriatric population at selected area, Tirupati (MSc Dissertation).
2. **Asha M.** A study to assess the knowledge on adverse effects of chemotherapy among oncological patients attending out patient department, SVIMS, Tirupati (MSc Dissertation).
3. **Prajeesha S.** A Study to assess the knowledge of teachers on conduct disorders of upper primary school children in selected school, Tirupati (MSc Dissertation).
4. **Lalithamma D.** Assessment of effectiveness of structured teaching programme on identification of depression symptom in adolescents among parents in selected area, Tirupati (MSc Dissertation).
5. **Veeraprashanthi SK.** A comparative study to assess the level of academic stress among second year and final year B.Sc Nursing students at SVIMS, Tirupati (MSc Dissertation).
6. **Jareena T.** Effectiveness of structured teaching programme on knowledge on knowledge regarding prevention of mosquito borne diseases among students in selected schools, Tirupati (MSc Dissertation).
7. **Allen T.** A Study to assess the level of stress among hypertension patients attending cardiology OPD, SVIMS, Tirupati (MSc Dissertation).
8. **Dakshayani D.** A Study to assess the stress and anxiety among primi antenatal mother in Government Maternity hospital at Tirupati (MSc Dissertation).
9. **Nagabindu O.** A study to assess knowledge of women regarding dysfunctional uterine bleeding OPD at Govt. Maternity Hospital, Tirupati (MSc Dissertation).
10. **Sumithre R.** A study to assess the knowledge regarding child birth preparedness among primi antenatal mothers in selected Government Maternity hospital, Tirupati (MSc Dissertation).
11. **Shiva Priya T.** A study to assess the knowledge on anemia in breast cancer patients undergoing chemotherapy admitted in Medical Oncology Ward, SVIMS, Tirupati (MSc Dissertation).

Ongoing Dissertations:

1. **Jayanthi C.** A Study to evaluate the effectiveness of structured teaching program on knowledge regarding prevention of TORCH infections among

40.2 Conferences attended, lecturer delivered

1. Dr P. Sudha Rani, Professor / Principal I/c, invited as Resource Person and poster presentation judge in one day State Level Conference on Innovations in Pediatric Nursing – An Update, and delivered a lecturer on Research and evidence-based practice in pediatric nursing organized by Dept. of Pediatric Nursing, Sri Venkateswara College of Nursing, Chittoor on 19-07-2023.
2. Dr P. Sudha Rani, Professor / Principal I/c participated as Chief Guest for National Seminar on “Manuscript preparation & Publication” organized by Aragonda Apollo College of Nursing, Chittoor on 04-04-2023.
3. Dr S. Swarna, Associate Professor, Internal Speaker “Significance of palliative Nursing Care in Hospital” for CNE Programme conducted by College of Nursing, SVIMS on 02-12-2023.
4. Mrs. K. Varalakshmi, Associate Professor, oral presentation on Nutritional Status and Nutritional Behaviour and life style of cancer survivors at Global Nursing Congress 2023, organized by Society for Nursing Practice on 27-28, October, 2023 (virtual)

40.3 Publications

1. Revathi V, Nagarathnam M. Awareness on Risk Factors and warning signs of Myocardial Infarction among patients attending OPD’s at tertiary care centre, Tirupati, International Journal of Creative Thoughts (IJCRT), Feb. 2023; volume 11, issue 2 PP-171-177.
2. Nagarathnam M. Prevalence and risk ‘factors’ of delirium in older patients admitted to a tertiary care centre in South India: A prospective observational study. Indian J. Anaesthesia, April 2023, Vol-67, issue-4, 394-396, Scopus-IF 2.90.
3. Poojitha K, Nagarathnam M. Awareness on prevention of deep venous thrombosis among pre-operative patients at tertiary care centre, Tirupati; International Journal of Creative Thoughts (IJCRT)-Jan 2023; Vol-11, issue 1, PP 728-736.
4. Hemalatha M, Gowri Devi K, Nagarathnam M. A study to assess the knowledge, attitude, practices on pap smear test among women attending at MCH

Centre, Tirupati.” International Journal of Creative Thoughts (IJCRT)- February 2023, Vol-1, Issue-2 d351 to d365

5. Sai Dinesh T, Gowri Devi K, Nagarathnam M. A study to assess the knowledge on Radiation therapy induced skin reactions among attendants of the cancer patients attending Radiation Oncology outpatient departments, SVIMS, TIRUPATI.” International Journal of Creative Thoughts (IJCRT)-February 2023; Vol-11, issue-6, C 976 to c 987.
6. Varalakshmi K, Sarada D. A study to assess knowledge of cancer survivors. International Journal for Multi Disciplinary Research (IJFMR); Sept.-Oct, 2023; 5(5);E-ISSN: 2582-2160.
7. Varalakshmi E, Sarada D. Nutritional Status and Nutritional behaviour of cancer survivors, International Journal of Novel Research and Development (IJNRD), Oct 2023; 8(10); ISSN 2456 – 4184.
8. Vijayalakshmi P, Kathyayani BV, Sreelatha M. Resilience as a protective factor on the quality of life (QoL) of Indian nursing students during the COVID-19 pandemic Archives of Psychiatric Nursing, ELSEVIER, 2023, 42 (2023) 55-59.
9. Sreelatha, Madhavi G, Sudha Rani P. A study to assess the knowledge regarding self-care management of client with diabetes mellitus in selected urban slums, Tirupati, 2023, 12(1) pp. 43-51, ISSN: 2320-1959, IOSR Journal of Nursing and Health Sciences, IOSR –JNHS.
10. Katakam Sindhupriya, Kokilamma B, Sudha Rani P, Sreelatha M. Knowledge assessment of accredited social health activist about the rashtriya balaswasthya karyakram in selected urban slums, Tirupati, 2023, 11 (2), pp: 2320-2882, ISSN: 2320-2882, international Journal of Creative Research Thoughts (IJCRT).
11. Usha Rani Y, Bhagya Lakshmi M, Hemalatha S. A study to assess the level of Depression and Death Anxiety in relation to Covid-19 among Geriatric population at Nehru Nagar, Tirupati., International Journal of Creative Research Thoughts volume.11, Issue.2 February 2023, pno.c15-c30.

12. Sireesha MC, M. Bhagya Lakshmi, S. Hemalatha. A study to assess the knowledge regarding legal aspects in psychiatric nursing care among IV th year B.Sc Nursing students at College of Nursing SVIMS, Tirupati., International Journal of Creative Research Thoughts ,Volume 11, Issue.1 January 2023, pno. d831-d839.
 13. Jana Siva Sessa Sai Kumar, Dr S. Hemalatha, Dr M. Bhagya Lakshmi , A study to assess the prevalence of shopaholic among the students of selected colleges, Tirupathi, Andhra Pradesh; International Journal of Creative Research Thoughts (IJCRT); 2023 Volume 11, Issue 9, ISSN 2320-2882.
 14. D. Hymavathi, S. Hemalatha, M. Bhagyalakshmi, A Study to assess the level of stress perceived by the parents due to school closure during COVID-19 pandemic in Nehru Nagar, Tirupathi. International Journal of Creative Research Thoughts (IJCRT); 2023; Volume 11, Issue 2: ISSN 2320-2882.
 15. Usha Rani Y, M. Bhagya Lakshmi, Hemalatha S. A study to assess the level of Depression and Death Anxiety in relation to Covid-19 among Geriatric population at Nehru Nagar, Tirupati., International Journal of Creative Research Thoughts volume.11, Issue.2 February 2023, pno.c15-c30.
 16. Sireesha MC, Bhagya Lakshmi M, Hemalatha S. A study to assess the knowledge regarding legal aspects in psychiatric nursing care among IV th year B.Sc Nursing students at College of Nursing SVIMS, Tirupati., International Journal of Creative Research Thoughts ,Volume 11, Issue.1 January 2023, pno. d831-d839.
 17. Jana Siva Sessa Sai Kumar, Dr S. Hemalatha, Dr M. Bhagya Lakshmi , A study to assess the prevalence of shopaholic among the students of selected colleges, Tirupathi, Andhra Pradesh; International Journal of Creative Research Thoughts (IJCRT); 2023 Volume 11, Issue 9, ISSN 2320-2882.
 18. Mrs. D. Hymavathi, Dr S. Hemalatha and Dr M. Bhagyalakshmi, A Study to assess the level of stress perceived by the parents due to school closure during COVID-19 pandemic in Nehru Nagar, Tirupathi. International Journal of Creative Research Thoughts (IJCRT); 2023; Volume 11, Issue 2: ISSN 2320-2882.
 19. Mis. Katakam Sindhupriya, Dr B. Kokilamma, Dr P. Sudha Rani, Dr M. Sreelatha, Knowledge assessment of accredited social health activist about the rashtriya balaswasthya karyakram in selected urban slums, Tirupati, 2023, 11 (2),pp: 2320-2882, ISSN:2320-2882, international Journal of Creative Research Thoughts (IJCRT).
- #### 40.4 CMEs / Seminars / Workshops / Orations conducted by the Department
- College of Nursing, SVIMS is conducted on CNE (Continuous Nursing Education) programme, Symposium on “**Palliative Care and Nursing**” on 02-12-23 at Sri Padvamavathi Auditorium, Tirupathi.
- #### 40.5 CMEs / Seminars / Workshops attended
1. Dr C. Usha Kiran, Innovations in Pediatric Nursing – An Update organized by Dept. of Pediatric Nursing, Sri Venkateswara College of Nursing held on 19-07-2023.
 2. Dr M. Sreelatha, State Level, Innovations in Paediatric Nursing – An update, SV College of Nursing, Chittoor, 19-07-2023.
 3. Dr M. Sreelatha, National, Workshop on quality assurance of inspections organized by INC INC, New Delhi, 27th & 28th March 2023.
 4. Dr M. Bhagya Lakshmi, Assistant Professor, Participated in NIMHANS-Harvard Medical School Joint Webinar on Tele Psychiatry on 28th June 2023.
 5. Dr M. Bhagya Lakshmi, Assistant Professor, Participated in the One day State Level Conference on Innovations in Pediatric Nursing- An update organized by Dept. of Pediatric Nursing, Sri Venkateswara CON, Chittoor held on 19-7.2023.
 6. Dr S. Hemalatha, Assistant Professor, Faculty Development Programme on Simulation in Health care Training 6 days i.e. from 17-02-2023 to 23-02-2023.
 7. Dr S. Hemalatha, Assistant Professor, One day state level conference on “Innovations in Paediatric Nursing-An Update, Sri Venkateswara College of Nursing, Chittoor on 19-07-2023.

8. Mrs. P. Christina Bharathi, Senior Turo Participated in the One day State Level Conference on Innovations in Pediatric Nursing- An update organized by Dept. of Pediatric Nursing, Sri Venkateswara CON, Chittoor held on 19-7.2023.

40.6 Other academic activities of significance

1. Ms. K. Mukunda, III Year B.Sc (N) got first prize in poster presentation One day State Level Conference on Innovations in Pediatric Nursing- An update organized by Dept. of Pediatric Nursing, Sri Venkateswara CON, Chittoor held on 19-7.2023.

2. A.Manasa, received Appreciation certificate in the easy writing competition on the topic “Mental health as a fundamental human right” conducted by Dept. of Psychiatry, SVIMS on the occasion of World Mental Day- 2023.

3. IV Year B.Sc Nursing I & II Year M.Sc (N) students participated all pink bus campus and Medical Campus conducted by SVIMS University, Tirupathi

41.0 COLLEGE OF PHYSIOTHERAPY

Professor and Principal i/c

Dr K. Madhavi

Faculty

Dr A.Viswanath Reddy

Dr V.Srikumari

Dr C. Shanthi

Dr K. Senthil Kumar

Dr C.Govardhan

Dr N.Kavitha

Dr M.Suresh Kumar

Dr G.Kameswari

Dr S.Raghava Krishna

41.1 Awards, achievements and felicitations

1. **Dr K.Madhavi**, Professor and Principal i/c was awarded as

• “**Life time achievement award**” in Physio conference-2023 organized by MNR Sanjeevani COP, Sangareddy Greater Hyderabad & Physio Foundation of India on 09/07/2023.

• **Ugadi Puruskar award** – Tirupati City Chamber, Tirupati on 04/06/2023.

• **Lifetime achievement award**- from Nehru College of physiotherapy, Coimbatore on 29/04/2023.

• Chief Guest for graduation day organized by Narayana Medical College, Nellore on 10/08/2023.

• Chief Guest for graduation day organized by Kasturi College of physiotherapy, Ananthapur on 19/08/2023.

• Chief Guest for graduation day organized by VIMS College of physiotherapy, Vijayawada on 01/10/2023.

• Chief Guest for graduation day organized by Raghava College of physiotherapy, Kakinada on 13/10/2023.

• Chief Guest for institute day organized by Sireesh Mandiram, Biragipattida, Tirupati 17/04/2023.

• Attend as **chief guest** at S.V.Medical college, Tirupati for best out going students of AHS on 01/07/2023.

Dr C.Shanthi, Ph.D, Assistant Professor was

• Felicitated in Sri Padmavathi Pradhana Mahila Mandali, Indian Science congress Association Tirupati on the occasion of International women’s day on March 2023.

• Felicitated in Puttur College of Physiotherapy on the occasion of World Physiotherapy Day on 8th September, 2023.

Dr G.Kameswari, tutor secured first prize for the paper presented with the title “comparison of the efficacy of low level laser therapy versus ultrasound therapy on pericranial myofascial trigger points in subjects with chronic tension type headache” on 30th November in Ramachandra international physiotherapy colloquium (SRIPC) 2023 Chennai held on 29/11/2023 and 30/11/2023.

M.GovinduNaik, PhD Scholar in neurology secured 3rd prize for the paper presented with the title “Effect of Virtual reality on hand function in subjects with stroke: A RCT” on 30th November in Sri Ramachandra International Physiotherapy Colloquium (SRIPC) 2023, Chennai held on 29th – 30th November 2023.

41.2 Research projects

Completed:

1. **Principal investigator:** Dr K.Madhavi, **Title:**A project based on integrated medicine concept with title “Influence of integrated physiotherapy and Vedic therapy on pain, disability and quality of life in grade I, Osteo arthritis individuals” S.V.Vedic University. A fund of Rs.8,54,000/- is sanctioned. **Funding agency:** Sri Venkateswara Vedic University, Tirupati for Dr K.Madhavi (Grant letter dated:04/03/2020, Roc.No.S.V.V.U/TPT/CVSR/45/2014).

2. **Principal investigator:**Dr C.Shanthi **Title:** “To evaluate pulmonary function and exercise capacity in smokers and non-smokers at community level – observational study”. (National project) A fund of Rs.50,000/- vide RC No.24/LR/2019/MRHRU/ Chandragiri, dated:07/03/2019.

Ongoing:

1. **Principal investigator:** Dr A.Viswanath Reddy, **Title:** “Influence of aerobics Vs Indoor cycling on body composition and lung function in overweight and obese female subjects (IEC No:666, approved by IEC on 14.08.2017).

41.3 Research Work

Thesis submitted

1. **Senthil Kumar K.** Effectiveness of a early mobilization and structural cardiac rehabilitation on functional outcome and quality of life following coronary artery by-pass graft – A randomized controlled trail (PhD Thesis) Tirupati: Sri Venkateswara Institute of Medical Sciences, Tirupati 2023.

Ongoing thesiswork

1. **Kavitha N.** Impact of exercises on functional exercise capacity and quality in relation to anemic status in patients undergoing single valve replacement surgery(PhD Thesis).
2. **Suresh Kumar M.** The impact of TENS and graded exercises in individuals with peripheral arterial disease in lower limbs(PhD Thesis).
3. **Kameswari G.** Comparison of the efficacy of low level laser therapy versus ultrasound therapy on pericranial myofascial trigger points in subjects with chronic tension headache(PhD Thesis).
4. **Raghava Krishna S.** Prospective Randomized controlled study comparing the efficacy of manual lymphatic drainage and pneumatic compression therapy on secondary lower limb lymphedema in patients undergoing surgery and or radiotherapy for gynecological malignancies(PhD Thesis).
5. **Hemalatha CS.** To study the effect of end range mobilization with scapular mobilization on pain, range of motion, joint space and functional disabilities in adhesive capsulities individuals with type-2 diabetes mellitus – Randomized controlled trail(PhD Thesis).
6. **Srikanth A.** Effectiveness of Isokinetic resistance training versus theraband resistance training on the strength of internal and external rotators of shoulder in overhead athletes(PhD Thesis).
7. **Govind Naik M.** Effect of virtual reality training on hand functioning in subjects with stroke” A randomized controlled trail (PhD Thesis).

Dissertation submitted

1. **Bindu Lahari A.** Effect of medical qigong therapy on fatigue and functional activity in Buccal mucosa subjects undergoing radiation therapy (MPT Dissertation).
2. **Bhavana VV.** A prospective study to evaluate the effect of Kendall exercise and respiratory exercise on normalized scapular abduction (NSA) ratio and chest expansion among rounded shoulder posture in young female Smartphone users (MPT Dissertation).
3. **Hyndavi.** Effectiveness of cardiac rehabilitation on depression, appetite and activities of daily living in post-operative valve replacement individuals (MPT Dissertation).
4. **Sushmitha G.** Effectiveness of active cycle breathing technique on pain chest expansion and upper extremity function in post surgical mastectomy individuals (MPT Dissertation).
5. **Thejaswani A.** Effectiveness of aerobic exercises on body mass index, physical activity and menstrual distress level in young female adults with irregular menstruation (MPT Dissertation).
6. **Praveen Kumar M.** Compare the effect of oropharyngeal exercises Vs deep breathing exercises training on snoring intensity, frequency and sleep quality in snoring adults (MPT Dissertation).
7. **Sushmitha K.** Effectiveness of incentive spirometer Vs balloon blowing exercises on pulmonary function in post surgical upper abdominal conditions (MPT Dissertation).
8. **Umeera Sk.** Compare the effect of pilates exercise Vs Yoga asanas pain, stress and physical activity in young female students with primary dysmenorhea (MPT Dissertation).
9. **Priyanka A.** Effectiveness of laser therapy with mckenzie exercises on pain range of motion and functional activities in subjects with mechanical neck pain among physiotherapy students (MPT Dissertation).
10. **Mrudhula Sre V.** Effectiveness of upper limb aerobic exercises on shoulder range of motion, pain and functional activities in subjects with modified radical mastectomy (MPT Dissertation).
11. **Swarna Rekha B.** Effectiveness of box taping with stretching and strengthening of anterior shoulder

- structures on pain, ROM and scapular position in subjects with rounded shoulders (MPT Dissertation).
12. **Nikitha P.** A prospective randomized study comparing the effect of Gang's mobilization with PNF technique on pain, ROM and QOL in subjects with grade-2 periartthritis shoulder (MPT Dissertation).
 13. **Archana S.** Effectiveness of early mobilization on pain, single leg stance time and hip ROM in subjects after total hip arthroplasty – prospective randomized study (MPT Dissertation).
 14. **Sesha Sai Aishwarya.** Effectiveness of chair aerobics Vs theraband exercises on pain, muscle power and range of motion in subjects with osteoarthritis of knee (MPT Dissertation).
 15. **Lakshmi Manasa G.** Effectiveness of laser therapy Vs ultrasound therapy along with kinesiotaping on pain and ROM in subjects with unilateral upper trapezitis (MPT Dissertation).
 16. **Rambabu G.** Effectiveness of motor control exercises with interferential therapy o pain and functional activities among the subject with non specific low back pain (MPT Dissertation).
 17. **Priyanka D.** Effect of Swiss ball exercises over conventional exercises on pain, strength and functional activities among the subjects with knee osteoarthritis: A randomized control trail (MPT Dissertation).
 18. **Gowri Manasa G.** Effect of pelvic prospective neuro muscular facilitation on trunk control and standing balance in subjects with sub acute stroke: A randomized controlled trail (MPT Dissertation).
 19. **Leela Madhavi.** Effectiveness of proprioceptive neuromuscular facilitation on sensory function, balance and sleep in subjects with diabetic polyneuropathy affecting lower limbs (MPT Dissertation).
 20. **Durga GB.** Effectiveness of kinesiotapng combined with proprioceptive neuromuscular facilitation over affected dorsiflexors on ankle range of motion and balance ability in subjects with sub acute stroke (MPT Dissertation).
 21. **Yashwitha A.** Comparison of low level laser therapy Vs electrical stimulation on facial disability and synkinesis in subjects with acute bell's palsy (MPT Dissertation).
 22. **Suresh Kumar Reddy M.** Effects of virtual reality training (VRT) with modified constraint induced movement therapy on hand function in acute stroke subjects. A randomized control trail (MPT Dissertation).
 23. **Manjunatha G.** Prospective randomized control trial on effectiveness of hand arm bimanual intensive training (habit) on hand dexterity and arm motor function in acute stroke subjects (MPT Dissertation).
 24. **Kushwanth K.** Effectiveness of resistance tube training on upper body power and upper limb skeletal muscle among make vecreational volleyball player (MPT Dissertation).
 25. **Kiran Kumar G.** Effectiveness of speed, agility and quickness (SAQ) training on speed, agility and lower body power among the female recreational kho-kho players (MPT Dissertation).
 26. **Seema Sk.** Effect of tobata training on cardiorespiratory fitness and muscularendurance among male recreational volley ball players (MPT Dissertation).
- ### Ongoing Dissertation work
1. **Harika K.** Efficacy of spencer muscle energy technique on pain range of motion and quality of life in subjects with grade 2 periartthritis shoulder – A prospective randomized study(MPT Dissertation).
 2. **Akhil V.** Effectiveness of EMMS on visceral and abdominal strength among Recreational male cricket players (MPT Dissertation).
 3. **Sathya priya.** Effect of active release technique Vs myofacial release technique on pain and range of motion in subjects with plantas fasciitis (MPT Dissertation).
 4. **Jyothirmai P.** A comparative study to find out the effectiveness of myofacial release with kinesiotaping on pain, muscle strength and politeal angle in subjects with hamstring tightness (MPT Dissertation).
 5. **Madhuri V.** Comparative study between rocker board exercises Vs Mirror therapy on sensory motor function of LL, balance and gait velocity in subjects with stroke (MPT Dissertation).
 6. **Naga Anil K.** Effectiveness of combined respiratory muscle training on ysphagia with or without device in subjects with stroke (MPT Dissertation).
 7. **Deepak P.** To evaluate the combined effect of myofascial release and stretching on plantar flexor

- muscles spasticity and gait velocity in subjects with cerebral palsy (MPT Dissertation).
8. **Reshma Sk.** Systematic structural exercise protocol for ventilated patients based on respiratory index (MPT Dissertation).
 9. **Ramya.** Study to evaluate the effects of coastal breathing exercises and upper extremity exercises on chest expansion and functional exercise capacity in individuals undergoing unilateral mastectomy (MPT Dissertation).
 10. **Ayeesha.** Effectiveness of laser therapy and ultrasound therapy on pain, ROM functional disability in subjects with cervical spondylosis (MPT Dissertation).
 11. **Sai Upeksha J.** Effect of 8 weeks graded aerobic exercises on cardiovascular fitness and flexibility in over weight young individuals (MPT Dissertation).
 12. **Priyanka S.** Effectiveness of ladder training versus polymeric training on agility among cricket players (MPT Dissertation).
 13. **Manish D.** Effectiveness of strength training and endurance on maximal strength and running performance on female mid-way runners (MPT Dissertation).
 14. **Dileep T.** Efficacy of Mulligans pain release phenomenon on pain and ROM subjects with patella femoral pain syndrome (MPT Dissertation).
 15. **Padmasree.** A study to determine the effects of breathing and overall exercises on post operative boccel mucosa subjects chest expansion, mouth opening.
 16. **Bhuvanewar KV.** Graded activity versus motor control exercises in management of pain and function in subjects with chronic non specific low back pain (MPT Dissertation).
 17. **Hameeda Tasneem.** Effectiveness of motor relearning & programme on hand function in subjects with stroke (MPT Dissertation).
 18. **Vamsi Krishna Reddy.** To evaluate effects of respiratory muscle training on Chest expansion in patients of individuals undergoing abdominal surgeries in upper and quadrants (MPT Dissertation).
 19. **Eshitha.** The effectiveness of PNF and Swiss ball training on trunk control and standing balance in subjects with cerebral palsy (MPT Dissertation).
 20. **Sushmapriya.** Effectiveness of hip strengthening on subjects with Patella femoral Syndrome (MPT Dissertation).
 21. **Divya.** Effectiveness of prospective neuromuscular facilitation techniques on facial symmetry in subjects with bell's palsy (MPT Dissertation).
 22. **Srilekha N.** Effect of move in the tube exercises versus cardiac rehabilitation on pain, chest expansion & sterna instability in the children undergoing cardiac surgeries.
 23. **Sreelekha Y.** Effects of PNF exercises on grip strength and hand function in subjects of geriatric population (MPT Dissertation).
 24. **Preethi T.** Effect of ischemic compression technique and kneading and cryostretch on pain and range of motion in subjects with myofacial triggers in rhomboids muscles (MPT Dissertation).
 25. **Bhavya Deepika J.** Influence of on chanting and breathing exercises on anxiety, breathing capacity in young adults (MPT Dissertation).

41.4 Conferences attended; lectures delivered

International:

Dr K.Madhavi, Professor and Principal was

1. Lecture delivered on "Exercise prescription for post operative cardiac surgeries" at International Physio Conference organized by MNR Sanjeevani College of physiotherapy, Hyderabad on 09/07/2023.
2. Chairing of the session was done on Focused symposium "Physical activity integrated exercise prescription in cardiovascular disease prevention – A way forward". Organized by Sri Ramachandra International physiotherapy Colloquium - 2023, Chennai on 29/11/2023 & 30/11/2023.
3. Invited as a chairperson in the conference on "International physiotherapy colloquium-2023" organized by college of physiotherapy, Sri Ramachandra University, Chennai from 2/9/11/2023 & 30/11/2023.

Dr V.Srikumari, Assoc.Prof.was

1. Chairing of the session was done on "Rehabilitation of stroke hand" Organized by Sri Ramachandra International physiotherapy Colloquium - 2023, Chennai on 29/11/2023 & 30/11/2023.
2. Delivered lecture on Adjunct to improve motor recovery in CLNS liaisons Organized by Sri

Annual Report 2023

Ramachandra International physiotherapy Colloquium - 2023, Chennai on 29/11/2023 & 30/11/2023.

Dr G.Kameswari, Tutor delivered a lecture on “comparison of the efficacy of LLLT versus UST on pericranial myofascial trigger points in subjects with CTTH” and secured 1st place Organized by Sri Ramachandra International physiotherapy Colloquium - 2023, Chennai on 29/11/2023 & 30/11/2023.

Mr.M.Govindu Naik, Ph.D Scholar delivered a lecture on “Effect of virtual reality training in hand function in subjects with stroke- A Randomized control trial” secured 3rd place Organized by Sri Ramachandra International physiotherapy Colloquium - 2023, Chennai on 29/11/2023 & 30/11/2023.

National:

1. **Dr K.Madhavi, Professor and Principal** delivered keynote address on “Knowledge, perception and implementation of cardio pulmonary physical therapy over 3 decades” in National physiotherapy conference organized by PIMS – LONI, Maharashtra on 25/02/2023.
2. **Dr K.Madhavi, Professor and Principal** invited as panelist on “NEP – 2020” in panel discussion organized by National physiotherapy conference organized by PIMS – LONI, Maharashtra on 25/02/2023.
3. **Dr K.Madhavi, Professor and Principal** lecture delivered on “core competencies of physiotherapists” in 7th National level physiotherapy conference organized by GSL College of physiotherapy Rajahmundry from 9th to 11th March, 2023.
4. **Dr K.Madhavi, Professor and Principal, Dr V.Srikumari, Associate Professor, Mr.A.Srikanth, Clinical therapist, Mr.U.Siva Kumar, Clinical therapist**, attended the conference national physiotherapy sports meet – 2023, organised by Pravara Institute of Medical Sciences, Dr APJ AbdulKalam, and College of physiotherapy, Maharashtra 25/02/2023 to 26/02/2023.
5. **College of physiotherapy staff and students were attended** the Lecture on “personality development” organized by MEGA-IMPACT Foundation, Tirupati on 9th and 10th August, 2023 at Mahati Auditorium, Tirupati.

6. **Dr A.Viswanath Reddy, Associate Professor**, attended and presented a paper on “effectiveness of low intensity laser therapy on the wound healing using bates Jensen wound assessment tool in subjects with pressure ulcers” as oral presentation at World Association for photo bio modulation therapy (WALT) congress 2023 held between 14th to 16th September 2023 at MAHE, Manipal.
7. **Dr A.Viswanath Reddy, Associate Professor:** Attended a seminar on awareness of Head injuries for the students of SVU Engineering College on 25th March, 2023.
8. **Dr V.Srikumari**, Associate Professor as a delegate in the 11th annual conference of the Indian Federation of Neurorehabilitation (IFNRCON 2023) in virtual mode held at Mumbai on 14th-16th April 2023.
9. **Dr V.Srikumari, Associate Professor** participated as a delegate in an national physiotherapy conference at Pravara Physzion 2023 Loni during 25-26 February 2023.
10. Students winners in volley ball, cricket match and quiz and runners in caroms in 7th National Physiotherapy conference organized by GSL College of physiotherapy, Rajahmundry from 9th to 11th March, 2023.

41.5 Publications

1. **Chandra Sekhar Naik K, .Meena Gayathri B, Mahima, Sathish BL, Sai Surekha, Madhavi K, Viswanath Reddy A.** An observational study on the musculoskeletal endurance among physiotherapy students” Vol.10, Issue-2, IJRAR.ORG, E-ISSN: 2348-1269, P-ISSN: 2349-5138, June, 2023.
2. **Vaishnavi Kumari, Madhavi K, Viswanath Reddy A.** An observational study on body composition analysis among female health care professional students”. Published in IJNRD (International Journal of novel research and development), VOL.8, Volume.8, ISSN: 2456-4184, February, 2023.
3. **Gayathri P, Madhavi K, Dr C.Shanthi, Dr K.Senthil Kumar, Dr S.Raghava Krishna**, “ Effects of working posture on neck pain and functional activities in computer operators – survey method”. Published in IJNRD (International Journal of novel research and development), VOL.8, ISSN: 2456-4184, January, 2023.

4. **Ms.K.Hema, Dr K.Madhavi, Dr V.Srikumari, Dr G.Kameswari published** in Prevalence of motor impairments of hand and level of ambulation following plasmapheresis in subjects with Guillain Barre Syndrome (GBS). IJNRD.ORG, ISSN: 2456-4184, Volume 8, January, 2023.
5. **Ms.K.Geetha, Dr K.Madhavi, Dr C.Shanthi, Dr K.Senthil Kumar** “Evaluate the incidence of predisposing factors of plantar fasciitis in security guards: An observational study published in IJNRD (International Journal of novel research and development), VOL.8, ISSN: 2456-4184, January, 2023.
6. **Ms.K.V.C.Lakshmi Kowsalya, Dr S.Raghava Krishna, Dr C.Shanthi, Dr K.Senthil Kumar, Dr K.Madhavi** “To study the effect of sleeper’s Stretch with Mulligan and Maitlan Mobilizations on pain, Range of motion and Quality of Life in Subjects with Periarthritis Shoulder” Vol.12, Issue3, ISSN:2319-7064, SJIF (2022):7.942, March, 2023.
7. **Ms.Shridimai, Dr V.Srikumari, Dr K.Madhavi, Dr G.Kameswari** “Incidence of facial disability in patients with cerebellopontine angle tumor resection – A Retrospective study” IJNRD , Volume8, ISSN:2456-4184, 3rd March, 2023.
8. **Mrs.S.Naveena, Dr K.Madhavi** “To screen the exercise adherence behaviour and physical activity levels in type 2 diabetic individuals; an observational study” IJNRD-2023 Volume:8, ISSN: 2456-4148, 2ND February, 2023.
9. **Ms.P.Sreenidhi, Dr K.Madhavi, Dr M.Suresh Kumar, Dr N.Kavitha** “To study the influence of Sitting Time Duration and Physical Activity Levels on Abdominal Obesity in Adults: An Observational Study” IJPRP, Volume:8, Issue I Jab-Feb-2023, PP:2057-2072, ISSN:2249-7781.
10. **Mr.Shaik Mohammad Vasim Akram, Dr K.Madhavi SVIMS, College of physiotherapy,** “To Evaluate the functional Exercise Capacity of Young Individuals in Health Care Profession: An observational study” Volume 8, Issue I Jan-Feb 2023, pp:981-984, IJPA, ISSN:2249-7781.
11. **Ms.N.Sowjanya, Dr V.Srikumari, Dr K.Madhavi, Dr G.Kameswari** “Incidence and Risk Factors of stroke and it’s subtype in middle aged people: A Retrospective study” IJNRD, Volume: 8, ISSN: 2456-4184, January, 2023.
12. **Mr.M.Govindu, Dr V.srikumari, Dr G.Kameswari Dr K.Madhavi,** effectiveness of therapeutic horseback riding simulators over hippotherapy on sitting balance in spastic cerebral palsy children “A literature review based comparative study”. International Journal of Novel Research and Development, Vol 8, May 2023, c452-461.
13. **Ms.A.Suprajavalli, Ms.M.Himaja, Dr K.Madhavi, Dr Vsrikumari, Dr G.kameswari,** observational study on symptoms in patients with and without mechanical ventilation in GullianBarre Syndrome. International Journal for multidisciplinary Research, Vol 5, July-August, 2023.
14. **Ms.P.Deepika, Ms.S.Rakshandakhan, Dr V.srikumari, Dr G.Kameswari Dr K.Madhavi** recovery in patients with traumatic brain injury on observational study. International Journal for multidisciplinary Research, Vol 5, July-August, 2023.
15. **Ms.P.Gayathri, Dr K.Madhavi, Dr C.Shanthi, Dr K.Senthil Kumar, Dr S.Raghava Krishna,** “Effects of working posture on neck pain and functional activities in computer operators – survey method”. Published in IJNRD (International Journal of novel research and development), VOL.8, ISSN: 2456-4184, January, 2023.
16. **Ms.K.Hema, Dr K.Madhavi, Dr V.Srikumari, Dr G.Kameswari published** in Prevalence of motor impairments of hand and level of ambulation following plasmapheresis in subjects with Guillain Barre Syndrome (GBS). IJNRD.ORG, ISSN: 2456-4184, Volume 8, January, 2023.
17. **Ms.K.Geetha, Dr K.Madhavi, Dr C.Shanthi, Dr K.Senthil Kumar** “Evaluate the incidence of predisposing factors of plantar fasciitis in security guards: An observational study published in IJNRD (International Journal of novel research and development), VOL.8, ISSN: 2456-4184, January, 2023.
18. **Ms.Haripriya, Dr C.Shanthi, Dr K.Senthil Kumar, Dr S.Raghava Krishna, PT, Dr K.Madhavi** “ To find the effectiveness of positional release technique on pain, range of motion and functional activities in subjects with subacute trapezitis journal of emerging technologies and innovative research (JETIR)2023, Vol.10, Issue:2.

19. **Ms.Himasree Sagarika.G, Dr C.Shanthi, Dr K.Senthil Kumar, Dr S.Raghava Krishna, PT, Dr K.Madhavi** “Study of conventional exercise with core strengthening through pilates on pain. ROM, functional ability in subjects with low back pain journal of emerging technologies and innovative research (JETIR), 2023, Vol.10, Issue: 2.
20. **Ms.K.Varshini, Mr.C.Venkata Ramesh, Ms.N.Pushpa, Ms.P.Keerthika, Mr.Y.Kasthuraiah, Dr C.Shanthi, Dr K.Madhavi** “An observational study on non specific low back pain with level of disability in different individuals. International Journal of research and analytical reviews (IJRAR): Vol.10, Issue.3.
21. **Dr C.Shanthi** “Evaluate the incidence of predisposing factors of plantar fasciitis in security guards: An observational study. International Journal of Novel Research and Development (IJNRD) 2023, Vol: 8, Issue: 1.

41.6 Guest lecture conducted by the department:

1. A Guest lecture on “Introduction to manual medicine” by Dr A.Siva Kumar, osteopathy manipulator from Kadapa, Svims cop alumini on 19/12/2023 at college of physiotherapy auditorium, SVIMS, Tirupati.
2. Guest lecture on “Personality development” by Sri.Prema Bhakthi Dasa ISKCON conducted by the college of physiotherapy, SVIMS, Tirupati on 20/12/2023.
3. A motivational talk on “Time & Stress Management” by Dr Girija, Faculty of Anaesthesia, BIRRD on 27/11/2023 at Padmavathi Auditorium, SVIMS, Tirupati.

41.7 CMEs/Seminars/Workshops/Orations/Awareness conducted by the department

1. CME Programme on “United in action to rescue and achieve the sustainable developments goals” from 02/12/2023 to 03/12/2023
2. **World physiotherapy day** was organized by the college of physiotherapy on the occasion of world physiotherapy day on 08/09/2023. The Theme on “Arthritis and inflammatory arthritis” organized awareness of the following :
 - Awareness physiotherapy camps in SVIMS (All the departments).
 - Awareness physiotherapy camps in and around Tirupati

- Video clips – dos & don’t in arthritis (Role of physiotherapy).
 - Panel of discussion in integrated approach (Sidda, Ayurvedic, Vedic, Allopathy and Physiotherapy)
 - Dr Rani Sada Siva Murthy- Vedic, Dr Samraj – Sidda, Dr Harshavardhan- Ayurvedic, Dr Sirisha – Allopathy and Dr K.Madhavi, Dr Kameswari – physiotherapy.
3. **College of physiotherapy and Department of Neurosurgery** jointly organized awareness programme head injury awareness programme on 20/03/2023 on the occasion of world head injury awareness day for selected colleges, traffic police department of Tirupati.
 4. Work shop on “Myofascial release technique” BY Dr Suresh Franklin from Chennai was organized by college of physiotherapy, SVIMS, Tirupati on 21.06.2023.

5. Work shop on “Dry needling technique” by Dr Saddam Hussain, from Bangalore SVIMS-COP alumini on 17th& 18th June, 2023 organized by college of physiotherapy, SVIMS, Tirupati.
6. Organized women’s week day celebrations on the occasion of international women’s day from 8th March, 2023 to 17th March, 2023. The following lectures were arranged on the occasion.
 - Awareness on legal rights for women by Smt.Mamatha Advocate.
 - Awareness on POSH act by Dr Prathibha, Assoc.Prof, Dept.Anatomy, SPMC(W)
 - Essay, Elocution, Quiz, Singing competitions were conducted for students

41.8 .Medical camps / Educational programmes conducted by the department:

1. On the occasion of world physiotherapy on 08/09/2023 theme “The role of physiotherapy on knee joint pain” Physiotherapy awareness programme conducted by the college of physiotherapy, SVIMS, Tirupati in and around SVIMS and Tirupati.
2. International peace day was organized on 21st September, 2023.
3. Organized Teacher’s day at college of physiotherapy, Tirupati, on 05th September, 2023.

4. Organized International Yoga day at SVIMS, Tirupati, on 16th June, 2023.
5. Participated in medical camp conducted by SVIMS.
- 41.9 CMEs/Seminars/Workshops/Online Webinars attended and lecture delivered**
 1. **College of physiotherapy faculty and students** were attended the NDT workshop organized by Apollo college of physiotherapy, Chittoor on 12th & 13th August, 2023.
 2. **College of physiotherapy faculty and students** were attended the workshop on Spine X-Ray, CT & MRI: Integrating Radiology into physiotherapy practice” organized by Department of Neuro Rehabilitation KIMS, Hospital, Hyderabad from 30th September to 3rd October, 2023.
 3. **Dr V.Srikumari, Assoc.Prof and Dr G.Kameswari, Tutor** attended NDT workshop organized by Appollo College of physiotherapy, Chittoor on 10 & 12/08/2023.
 4. **Dr K.Madhavi, Professor and Principal participated as resource** Physiotherapy and health organized by S.V.University, Tirupati on 17/08/2023.
 5. **Dr K.Madhavi, Professor and Principal participated as resource** World Physiotherapy panel discussion integrated medicine Sidda organized by college of physiotherapy, SVIMS, Tirupati on 08/09/2023.
 6. **Dr V.Srikumari, Associate Professor** participated as a delegate for the workshop on cognitive rehabilitation in the 11th annual conference of the Indian Federation of Neurorehabilitation (IFNRCON 2023) in virtual mode held at Mumbai on 14th-16th April 2023.
 7. **Dr V.Srikumari, Associate Professor** participated as a delegate for the workshop on ICF in Neurorehabilitation in the 11th annual conference of the Indian Federation of Neurorehabilitation (IFNRCON 2023) in virtual mode held at Mumbai on 14th-16th April 2023.
- Received Certificate of completion on level 1 and level 2 dry needling practitioner modules and has undergone an extensive theory an advanced clinical training at COP SVIMS Tirupati 18th June 2023.**
8. **Dr K.Madhavi, Professor and Principal, Dr A.Viswanath Reddy, Assoc. Prof. Dr V.Srikumari, Assoc. Prof. Dr V.Shanthi, Asst.Prof., Dr K.Senthil Kumar, Asst.Prof., Dr C.Govardhan, Tutor, Dr N.Kavitha, Tutor, Dr M.Suresh Kumar, Tutor, Dr G.Kameswari, Tutor, Dr S.Raghava Krishna, Tutor** in the workshop as a delegate and completed the theory and advanced practical training course established by Synergy Physio Care & Rehab Centre, Chennai on TRIGGER POINT THERAPY FOR MYOFASCIAL PAIN –LEVEL 1 held on 20th and 21st June 2023 at College of physiotherapy, SVIMS, Tirupati.
9. **Dr V.Srikumari, Associate Professor** attended and received Certificate of completion on one week online workshop on BIOMEDICAL RESEARCH organized by SCIENCE TECH Institute, Lucknow, July-22-28, 2023.
10. **Dr G.Kameswari, Tutor** participated as a delegate for the workshop on Vestibular rehabilitation 11th annual conference of the Indian Federation of Neurorehabilitation (IFNRCON 2023) in virtual mode held at Mumbai on 14th-16th April 2023.
11. **Dr G.Kameswari, Tutor** participated as a delegate for the workshop on cognitive rehabilitation in the 11th annual conference of the Indian Federation of Neurorehabilitation (IFNRCON 2023) in virtual mode held at Mumbai on 14th-16th April 2023.
12. **Dr K.Madhavi, Professor and Principal, Dr A.Viswanath Reddy, Assoc.Pro., Dr V.Srikumari, Assoc. Prof. Dr C.Shanthi, Asst.Prof. Dr K.Senthil Kumar, Asst.Prof. Dr C.Govardhan, Tutor, Dr N.Kavitha, Tutor, Dr MSuresh Kumar, Tutor, Dr G.Kameswari, Tutor, Dr S.Raghava Krishna, Tutor** - participated in the workshop as a delegate and completed the theory and advanced practical training course established by Synergy Physio Care & Rehab Centre, Chennai on TRIGGER POINT THERAPY FOR MYOFASCIAL PAIN –LEVEL 1 held on 20th and 21st June 2023 at College of physiotherapy, SVIMS, Tirupati.
13. **Mr.M.Govindu Naik Ph.D. Scholar** in neurology participated as a delegate for the workshop on Vestibular rehabilitation 11th annual conference of the Indian Federation of Neurorehabilitation (IFNRCON 2023) in virtual mode held at Mumbai on 14th-16th April 2023.

Annual Report 2023

14. **Dr K.Madhavi, Professor and Principal, Dr A.Viswanath Reddy, Assoc.Pro., Dr V.Srikumari, Assoc. Prof. Dr C.Shanthi, Asst.Prof. Dr K.Senthil Kumar, Asst.Prof. Dr C.Govardhan, Tutor, Dr N.Kavitha, Tutor, Dr MSuresh Kumar, Tutor, Dr G.Kameswari, Tutor, Dr S.Raghava Krishna, Tutor Mr.M.Govindu Naik Ph.D. Scholar** in neurology participated in the workshop as a delegate and completed the theory and advanced practical training course established by Synergy Physio Care & Rehab Centre, Chennai on TRIGGER POINT THERAPY FOR MYOFASCIAL PAIN –LEVEL 1 held on 20th and 21st June 2023 at College of physiotherapy, SVIMS, Tirupati.
15. **Dr V.Srikumari, Assoc.Prof, Dr G.Kameswari, Tutor & Mr.M.Govindu Naik Ph.D. Scholar** in neurology participated as a delegate for the workshop on Neurodevelopment theory held at Apollo College of Physiotherapy, Chittoor, A.P on 12th & 13th August, 2023.
16. **Dr V.Srikumari, Assoc.Prof, Dr G.Kameswari, Tutor Mr.M.Govindu Naik Ph.D. Scholar** in neurology participated as a delegate for workshop Spine X-ray, CT and MRI integrating radiology into Physiotherapy practice at KIMS Hospital, Secunderabad on 30th September & 1st October, 2023.
17. **Mr.M.Govindu Naik Ph.D. Scholar** in neurology participated in one week virtual workshop on Biostatistical data analysis and research methodology organized by Amiruddaula Islamia Degree College, Lucknow on 21st -27th December, 2023.sgk
18. PG Neurology students (Mallu Suresh Kumar Reddy, Annavaramyashwitha, Vedamleela Madhavi, G.B.Durga, Grandhi Gowri Manasa, Gadekari Manjunatha), participated as a delegate for the workshop on Vestibular rehabilitation 11th annual conference of the Indian Federation of Neurorehabilitation (IFNRCON 2023) in virtual mode held at Mumbai on 14th to 16th April 2023.
19. PG Neurology students(Mallu Suresh Kumar Reddy, Annavaramyashwitha, Vedamleela Madhavi, G.B.Durga, Grandhi Gowri Manasa, Gadekari Manjunatha), participated in the workshop as a delegate and completed the theory and advanced practical training course established by Synergy Physio Care & Rehab Centre, Chennai on trigger point therapy for myofascial pain –level 1 held on 20th and 21st June 2023 at College of physiotherapy, SVIMS, Tirupati.
20. PG Neurology students(Mallu Suresh Kumar Reddy, Annavaramyashwitha, Vedamleela Madhavi, G.B.Durga, Grandhi Gowri Manasa, Gadekari Manjunatha), participated as a delegate for the workshop on Neurodevelopment theory held at apollo College of Physiotherapy, Chittoor, A.P on 12th & 13th August, 2023.
21. PG Neurology students(Mallu Suresh Kumar Reddy, Annavaramyashwitha, Vedamleela Madhavi, G.B.Durga, Grandhi Gowri Manasa, Gadekari Manjunatha), participated as a delegate for workshop Spine X-ray, CT and MRI integrating radiology into Physiotherapy practice at KIMS Hospital, Secunderabad on 30th September -1st October, 2023.
22. **Dr C.Shanthi, Assistant Professor:** Attended CME during Physio beast 2k23, presented paper on “physiotherapy management in periarthritis shoulder” at Nehru College of physiotherapy, Coimbatore, Tamil Nadu.
23. **Mr.M.Govindu Naik Ph.D. scholar** in neurology participated as a delegate in the 11th annual conference of the Indian Federation of Neurorehabilitation (IFNRCON 2023) in virtual mode held at Mumbai on 14th & 16th April 2023.
24. **M.Govindu Naik Ph.D. scholar** in neurology participated as a delegate in an international conference at Ramachandra International Physiotherapy Colloquium (SRIPC) 2023 Chennai held on 29/11/2023 & 30/11/2023.
25. **M.Govindu Naik Ph.D. scholar** in neurology attended National Physiotherapy Conference organized by GSL Physiotherapy institute, Rajahmundry on 7th & 8th March, 2023.
26. **Mallu Suresh Kumar Reddy, Annavaram yashwitha, Vedam leela Madhavi, G.B.Durga, Grandhi Gowri Manasa, Gadekari Manjunatha** Participated as a delegate in the 11th annual conference of the Indian Federation of Neurorehabilitation (IFNRCON 2023) in virtual mode held at Mumbai on 14th & 16th April 2023.
27. Participated as a delegate in an international conference at Ramachandra International Physiotherapy Colloquium (SRIPC) 2023 Chennai held on 29/11/2023 & 30/11/2023.

Postgraduates students pursuing MPT(Neurology) presented the following papers at Sri Ramachandra international physiotherapy colloquium (SRIPC) 2023, Chennai held on 29th – 30th November 2023.

28. **Mr.Mallu Suresh Kumar Reddy, Dr V.Srikumari, Dr G. Kameshwari, Dr K.Madhavi.** Effects of virtual reality training (VRT) with modified constraint induced movement therapy on hand function in acute stroke subjects. A randomized control trail.
29. **Ms.V.LeelaMadhavi, Dr G. Kameshwari, V.Srikumari, Dr K.Madhavi.** Effectiveness of proprioceptive neuromuscular facilitation on sensory function, balance and sleep in subjects with diabetic polyneuropathy affecting lower limbs.
30. **Ms.G.B.Durga, Dr G. Kameshwari, Dr V. Srikumari, Dr K.Madhavi.** Effectiveness of kinesiotaping combined with proprioceptive neuromuscular facilitation over affected dorsiflexors on ankle range of motion and balance ability in subjects with sub-acute stroke.
31. **Ms. G. GowriManasa Dr V.Srikumari, Dr G. Kameshwari, Dr K.Madhavi.** Effect of Pelvic Proprioceptive Neuromuscular Facilitation on trunk control and standing balance in subjects with sub acute stroke: A randomised controlled trail.
32. **Ms. A. Yashwitha, Dr V.Srikumari, Dr G. Kameshwari, Dr K.Madhavi.** comparison of low level laser therapy versus electrical stimulation on facial disability and synkinesis in subjects with acute Bell's palsy.
33. **Mr. G.Manjunatha, Dr G. Kameshwari, Dr V.Srikumari, Dr K. Madhavi.** Prospective randomized control trial on effectiveness of hand-arm bimanual intensive training(habit) on hand dexterity and arm motor function in acute stroke subjects

Public talk:

01. Delivered Speeches on “Importance of Physiotherapy in Normal and Diseased in youth” in All India Radio Programmes regularly.
02. Delivered physiotherapy awareness programme in walker Association in Tirupati in various voluntary organizations in Tirupati.

41.10 Other academic activities:

Students :

1. **Ms.Aniha, Ms.Sirisha, Ms.Sonipriya and Ms. Thanuja** runners in the shuttle badminton in SANYOG-23. Organized by IIT Tirupati on 05/11/2023.
2. **Ms. B. Divya** has participated in A.P.State open rapid chess tournament – 2023 organised by All Chittoor chess development association on 2nd July, 2023 and she scored points out of 7th rounds.
3. **Ms.Mallam Chandhu**, BPT Internee has participated and presented a paper and received 1st prize on 09/07/2023.
4. **Ms.Sai Priya** has participated in physio conference organized by MNR, college of physiotherapy, Hyderabad at got secured 1st place in paper presentation on 09/07/2023.
5. **N.Chaitanya Sahithi** has participated in physio conference organized by MNR, COP, Hyderabad at got 3rd place in paper presentation on 09/07/2023.
6. **Mr.Shaik Ghouse Basha BPT IV year – 1st prize, Mr.Yogesh Kumar, BPT – 2nd year 2nd Prize** got in solo debate organized by ISKCON, Tirupati on 19/08/2023 on the occasion of Sri Krishna Janmastami.
7. **Mr.Shaik Ghouse Basha BPT IV year – 1st prize Telugu mataladuta** organized by ISKCON on 19/08/2023.

Staff :

1. **Dr K.Madhavi**, Professor has been nominated as **Chairperson** for APSAHPC (Andhra Pradesh State Allied Health Care Professional) by Government of Andhra Pradesh.
2. **Dr K.Madhavi**, Professor has been nominated as Interim commission member Central Health Care Professional by Government of India.
3. **Dr K. Madhavi**, Professor and Principal i/c has appointed as Chief Warden for Girls Hostel, SVIMS. Tirupati.
4. **Dr K. Madhavi**, Professor and Principal i/c has appointed as leader for patient mobility group, SVIMS, Tirupati.
5. **Dr K. Madhavi**, Professor and Principal i/c has appointed NABH – HRM member.

Annual Report 2023

6. **Dr K.Madhavi**, Professor and Principal i/c has attended as external examiner at various universities.
7. **Dr K.Madhavi**, Professor and Principal i/c has attended as external examiner for P.G at NTRUHS.
8. **Dr K.Madhavi**, Professor and Principal i/c has attended as BOS member for NTRUHS.
9. **Dr K.Madhavi**, Professor and Principal i/c has attended as Ph.D BOS Member NTRUHS.
10. **Dr K.Madhavi**, Professor and Principal i/c Ph.D paper setter RGUHS.
11. **Dr K.Madhavi**, Professor and Principal i/c question paper setter for Ph.D Savitha University and KIMS University, Karad.
12. **Dr V.Srikumari**, Associate Professor has nominated as warden for Girls hostel SVIMS, Tirupati.
13. **Dr V.Srikumari**, Associate Professor has nominated as Library stock verification committee member.
14. **Dr V.Srikumari Associate Professor** question paper setter for Sri Padmavathi Mahila University, Tirupati.
15. **Dr C.Shanthi**, Assistant Professor, has nominated as a library stock verification committee member.
16. **Dr K. Senthil Kumar**, Assistant professor has nominated as a library stock verification committee member.
17. **Dr C.Shanthi**, Assistant Professor has attended as external examiner for MPT 2nd year musculoskeletal physiotherapy at Dr A.P.J Abdul Kalam, college of physiotherapy, Loni Pravara Institute of Medical Sciences, on 10th May. 2023.
18. **Dr C.Shanthi**, Assistant Professor has participated in the world record for “Largest Attendance in virtual yoga class” on International Yoga Day, 21st June, 2023 organised by Habuild.



VIII. CENTRAL FACILITIES



VIII. Central Facilities

1.0. IT DEPARTMENT

The Hospital Management System in SVIMS was implemented in the year 2013 and till now we are following the Workflow based ICT solution. This HIS (Hospital Information Management system) covers the patient registration and admission system, admission-discharge-transfer (ADT) process, Outpatient and Inpatient billing, Company & Insurance billing and Reimbursement procedures, and is integrated with Laboratories. It includes the Clinical Workstation that is an interface by which doctors can view patient data. Pharmacy and inventory programme was full fledgedly implemented.

New Hospital Management system Implemented in the year 2023 and further developments is under pipeline and yet to implement.

Objectives of the project developments in the year 2023

1. To develop a fully integrated HIS (Hospital Information Management system) for various areas of the hospital Emergency Services, Operation Theatre, Diagnosis and MIS Reports and areas of covering dashboard, telemedicine, patient portal and Mobile app
2. Developed an integrated, user friendly Clinical workstation for doctors to view results, clinical data, and inpatient lists, order investigations and prescriptions; and generate medical reports and discharge summaries – all at a single click.
3. Real time availability of relevant information and allow billing to be automated with data entry as well as introducing various smart techniques in billing mode through payment gateway integration.
4. Integration software like ERP which connects Stores, Purchase, Accounting departments in a single go. All HIS modules were integrated with ERP tool with RMS in Billing module, Credit and Insurance billing, and reimbursements with departmental revenue reports.
5. Executed Student Management software up to student level of admission details, course management, Curriculum, Fee management. Time

table scheduling, Attendance, Exam modules . All stake holders yet to utilise by Facility

6. Human resource management system was implemented in SVIMS. Most of the features for employee self view and management will be parallel which is under execution this year.

Other Technologies / solutions employed for better patient service through Hospital Management system

1. Mobile App, Web based appointment Facility Through New hospital Management system is under development to take appointment before the visit of the patient to the hospital
2. Planning for UPI Payment through payment gateway .Till date possible via credit card/Debit card etc through swiping and credit authorization for cashless transactions and reimbursement for patients
3. SMS and Email Gateway for alerts to patients and treating doctors according to module wise was developed. Ready to implement shortly
4. Pharmacy and Inventory management –Purchase Order Management integrated with finance module and Inventory / Pharmacy Transaction. Revised Prices business developed as per the administration orders.
5. Digitized medical record system with respect to patient medical case sheet started with hardware and server storage deployment. Application deployment and execution will be starting in month time.
6. The main aim of the hospital is to moving towards a paperless hospital with Electronic Medical records (EMR) and a good decision support system. It was done with 30 departments in SVIMS WRT all modules linked with HIS.

Ongoing Projects:

- 1) **HRMS Project:-**
 - a) Pay bills, HR Master Configured online for Regular & Adhoc Employees. ERP Integration for monthly basis was done successfully for 2023-24.

- b) Supplementary bills work for TA/DA, Medical, pay & allowances, Reimbursement etc. is in progress.
- c) ESR development with entry level started to digitization
- 2) **Scanning & Digitalization Project for medical records:-**
 1. Storage & servers installed for DMS application startup.
 2. Infrastructure deployment will be finished before 20th Jan 2024.
- 3) **ABHA integration with EMR, Karexpert.**
- 4) **NOQ integration with Karexpert.**
- 5) **Dashboard integration with Karexpert.**
- 6) **Lab Integration software with Karexpert.**
- 7) **Telemedicine integration software with Karexpert.**

Future Road map on Up gradation / Integration on all IT related aspects

1. Paperless blood collection area: Through lab analyser environment will be linked with a pneumatic chute system to transfer samples from the collection point to lab areas, thus minimizing delay and human error. Integration with new HMIS will be done this year.
2. Surgery and Anaesthesia management with scheduling, automated billing and logbooks for doctors.
3. Pharmacy management ERP solutions - Quotations and purchase order management integrated with finance module, stores, dispensing and returns full-fledged implementation of module at SVIMS in the year.
4. Patient clinical hand-off mechanism introducing first time in our hospital for total diagnosis information of the patient for time to time by the doctors with in 24hours.under pipeline.
5. PACS environment is introducing in SVIMS on war foot basis this year.

The HIS (Hospital Information Management system) has resulted in a tremendous increase in efficiency at all levels of the health care delivery process within

SVIMS - allowing prompt service, reducing costs, minimizing the margin for human error and providing a tool for Continuous Quality Improvement (CQI) strategies by SVIMS through monitoring the system.

2.0 CENTRAL LIBRARY

SVIMS Central Library into existence in the year 1994 by inheriting a document collection of about 22493 books and 8397 bound volumes of periodicals. The library was shifted to Sri Balaji Centre for learning in the year 2017.

SRI BALAJI CENTRE FOR LEARNING spanned over G+1 with 42,000 Sfts. The ground floor consisting reading rooms for faculty, P.G. doctors, paramedical students, two personal reading rooms and e-library with 35 nodes. The second floor consist of reading halls for M.B.B.S, students, and internees, current journals room and back volumes stack room.

Mission:

The strength and enhance the teaching, research and service of the university. To promote intellectual growth and creativity by developing collections, facilitating access to information resources, teaching the effective use of information resources and critical evaluation skills and offering research assistance.

Working Hours:

All working days 8.00 A.M. To 12.00 Midnight (16 hours)

Sundays 8.00 A.M.To 4.00 P.M.

Library Resources:

- Print resources (Books and Journals etc.)
- E-Resources (E-journals, e-Books and e-Databases)
- Theses and Dissertation

Physical Collections:

- | | |
|--|-------|
| • Total books | 22493 |
| • Back volumes of bound journals | 8397 |
| • Non-book materials | 018 |
| • Dissertation collection | 1797 |
| • Current journals (2022)
(Foreign-88: Indian- 58). | 146 |

E-Resources:

1. ERMED CONSORTIUM: National Medical Library, New Delhi providing to access 224+ E-journals on free of cost.
2. The National Cancer Grid: Tata Memorial Hospital, Mumbai (TNH, Mumbai) providing free access to 'Clinicalkey' (Elsevier) and some OVD SP Journals (Elsevier 117 E-Journals: 87 E-Books, Wolter Kluwer E-Journals 16 and one e-book).

Budget:

The SVIMS Finance Committee sanctions Rs. One Crore (Approx) every year for subscription of print journals and Rs.25.20 Lakhs for purchase of medical books. The expenditure for procurement of print journals and medical books will be met from the Research and Development funds (R & D) of Sri Balaji Arogyavaraprasadini scheme.

Services:

1. OPAC (On-Line Public Access Catalogue) Service – The Central Library Online Public Access

Catalogue (OPAC) allows users to search the entire catalogue online, conveniently and quickly, using one or more search criteria. One can search the OPAC by author, title, keywords, class number or one or more of these combined together.

2. The audio-visual materials are in CD/VCD/CD ROM/ DVD formats and are available to the users free of charge.
3. Photocopying service is also available with nominal cost of ie.0.50 Paise per copy.
4. Bibliographic Services
5. Circulation Services
6. Reference Services
7. Book Reservation services
8. User Awareness Programs Central Library organized every year User Training Programme for Library users for using E- Resources, Library services.
9. Books classification is done according to the 23rd Dewey Decimal Classification.

Library committee:

1	Dr. Alladi Mohan	Senior Professor, Dept. of Medicine	Dean Chairman Library Committee
2	Dr Aparna R Bitla	Professor & Head, Dept. of Transfusion Medicine	Registrar
3	Dr V. Vanajakshamma	Professor, Dept. of Cardiology	Vice-Chairperson
4	Dr R. Nandagopal	Professor, Dept. of Neurology	Member
5	Dr Vinod Bhan	Professor, Dept. of CT Surgery	Member
6	Mr. Umamaheswari,	Professor, Dept. of Bioinformatics	Member
7	Deputy Registrar	Academic Section	Member
8	Dr A. Omkar Murthy	Librarian	Convener

Library Staff:

1. Dr A. Omkar Murthy - Librarian

Library Assistants:

1. V. Madhusudhan
2. N. Prabhavathi
3. J.V.S. Prasad

4. M.V. Sarada
5. K. Murali Krishna Yadav
6. R. Sivakumar
7. P. Jyothi

Supporting Staff:

1. Mrs. Gowri
2. Mr. Siva Sankar Reddy



3.0 CENTRAL RESEARCH LABORATORY

The Central research laboratory is well established in this institute with the state of the art facilities such as thermocyclers, Real-time PCR, spectro photometers, electrophoretic instruments with gel documentation facility, flow cytometry, refrigerated centrifuges, laminar air flows and cell culture facility which will be effectively utilized to analyse nucleic acids, proteins and identifying cells and organelles. As these will facilitate the faculty, research scholars and students to abreast beep themselves with the technical advancements in the field of experimental medicine.

The central research laboratory of the institute at present caters to: a) Regenerative Medicine b) Genetical Analysis of various diseases to understand the progression and cause of disease and c) understanding of pathogenic mechanisms of *Staphylococcus aureus* for the development of antimicrobials.

4.0 RIGHT TO INFORMATION (RTI) ACT

The RTI ACT is being implemented in SVIMS since the inception of the RTI ACT in the year 2005 and SVIMS university is disseminating information to the information seekers as per the procedure and provision of the RTI ACT through PIOs and 1st Appellate Authority of SVIMS.

During the year 2023 from January to December we received **42** applications/requests and **2** appeals

seeking information. All the requests were disposed of through PIO and 1st appellate authority as per the provisions of the RTI ACT.

RTI authority and Appellate authority:

1. Public Information Officer SVIMS, Tirupati.
2. Registrar, 1st Affiliate Authority, SVIMS, Tirupati.

Thus the SVIMS is continuing the spirit of disseminating of information under RTI ACT.

5.0 ANIMAL HOUSE

The Animal house at SVIMS was established in 2004 and was maintained by the Dept. of Microbiology. In 2016, it was handed over by Dept. of Pharmacology & from then onwards it is being maintained by Department of Pharmacology.

SVIMS animal house facility was registered with CCSEA (Committee for Control and Supervision of Experiments on Animals) with registration number: **2036/GO/Re/S/18/CPCSEA**. The registration was valid till 27-09-2023. IAEC (Institutional Animal Ethics Committee) meetings were held on 31/05/2023 and 26/09/2023.

Renewal of registration of animal house facility was done on 23/10/2023 with validity for five years i.e., till 22/10/2028. IAEC was reconstituted with the following members. First meeting of the new committee members of IAEC was held on 26/12/2023.

The following are the members of the IAEC from the institute:

S. No.	Name of the member	Position	Phone Number	Email Ids
1.	Dr Usha Kalawat, Principal, SVIMS-SPMCW	Scientist from different biological discipline, Chairperson	9963922576	ukalawat@yahoo.com
2.	Dr Vijaya Chandra Reddy Konda Professor of Pharmacology	Biological Scientist, Member Secretary	9949054199	vijayachandrareddy@gmail.com
3.	Dr K. R. Subhash, Professor of Pharmacology	Scientist from different biological discipline	9642996666	subbu2207@yahoo.com
4.	Dr V. Padmaja Dept. of Surgery & Radiology, College of Veterinary Sciences, Tirupati	Veterinarian	9492836629	varra43@gmail.com

Sri Venkateswara Institute of Medical Sciences

S. No.	Name of the member	Position	Phone Number	Email Ids
5.	Dr A. Umamaheswari Professor, Dept. of Bioinformatics, SVIMS	Scientist Incharge of Animal House Facility	9494495048	amineni.maheswari@gmail.com
6.	Dr R.V. Suresh Kumar Professor, Dept. of Surgery & Radiology, College of Veterinary Sciences, Tirupati	Main Nominee	9849202540	rvsuresh123@gmail.com
7.	Dr Mallikarjuna, B.P. Dean, MB School of Pharmaceutical Sciences, Mohan Babu University, SreeVidyanikethan, Sree Sainath Nagar, Tirupati.	Link Nominee	9990888627	mallibp@gmail.com
8.	Dr KanalaJagadeeswara Reddy, Sugan Life Sciences Pvt Ltd, Near PerumallaPalli, Tirupati	Scientist from outside the Institute	8885439144	kjreddy32@gmail.com
9.	Dr K. Adinarayana D.No.5-134, IA, Kolimi Street, Rajampet-516115	Socially Aware Nominee	9966007665	adiknarayana@gmail.com

The CCSE Anominated the following external members for IAEC of SVIMS:

Details of Nominee (s)	Nominated as
Dr R.V. Suresh Kumar Dept of surgery and radiology College of veterinary Science SVVU Tirupati, Chittoor- 517502 A.P ContactNo:9849202540 Email:i`vsureshl23@rediffmail.com	Main Nominee
Dr Mallikarjuna B.P. Dean, MB School of Pharmaceutical Sciences. Mohan Babu University. Sree Vidyanikethan Sree Sainath Nagar, Tirupati, Andhra Pradesh 51710 Contact No :9990888627 Email:lnallibp@gmail.com	Link Nominee
Dr Kanala Jagadeeswara Reddy 18-3-58/B8,First Floor,Tejeswee Apartment Behind Municpal Park, Shanithi Nagar Tirupati- 517 501 Contact to:8885439144 Email:kjreddy32@gmail.com	Scientist from outside the Institute
Dr K. Adinarayana DoorNo.5-134,IA,KolimiStreet,Rajampet- 516115 Contactto:9966007665 Email:adiknarayana@gmail.com	Socially Aware Nominee

The Institutional annual animal house facility inspection was held on 26th December, 2023

6.0 ADVERSE DRUG REACTION MONITORING CENTRE

Adverse Drug Reaction Monitoring Centre (AMC) at Sri Venkateswara Institute of Medical Sciences, Sri Padmavathi Medical College for Women was recognized by Indian Pharmacopoeia Commission [National Coordination Centre (NCC) for Pharmacovigilance Programme of India (PvPI)], an autonomous organisation of Ministry of Health and Family Welfare, Govt. of India, Ghaziabad in the year of 2015. Since then it was functioning with the coordination of Department of Pharmacology, Dr K. Umamaheswara Rao (Prof. & HOD of Pharmacology) is the coordinator, Dr K. Vijaya Chandra Reddy (Professor of Pharmacology) is the deputy coordinator. Total **633** Adverse Drug Reactions and Adverse Event Following Immunisation (AEFI) were reported from various departments of SVIMS in the year 2022.

Activities:

1. Displayed posters on Pharmacovigilance in all IPDs & OPDs.
2. Availability of suspected Adverse Drug Reaction Reporting forms to all nursing stations at all times.
3. Daily follow up of vaccine beneficiaries through phone calls.
4. Sensitization programmes to various clinical departments were done periodically.
5. Assigned research projects to Pharm-D students in Pharmacovigilance.
6. Conducted monthly review meeting on Pharmacovigilance activities on the first Friday of every month.
7. Conducted a workshop on 'Pharmacovigilance and Reporting of Adverse Drug Reactions' from 28-12-2022.
8. Community awareness outreach campaigns at different villages in order to create awareness to general public on reporting of adverse drug reactions.
9. Conducted teaching sessions to all the nursing faculty on reporting of adverse drug reactions.
10. Whatsapp group was circulated to all Health Care Workers for feasibility of adverse drug reaction reporting.
11. PvPI toll free number (1800 180 3024) was printed on out patient cards for easy reporting of Adverse Drug Reactions from the consumers.
12. Day to day training and motivation to PharmD students in detection and reporting of Adverse Drug Reactions.
13. As a part of establishment of new AMCs (Adverse Drug Reaction Monitoring Centre) around the country, we took initial part in recognition of 02 of the Adverse Drug Reaction Centres (Dhanalakshmi Srinivasan Medical College & Hospitals, Siruvachur, Perambalur and Siddhartha Medical College, Vijayawada).
14. Conducted training programmes at various peripheral hospitals, NABH entry level & accredited hospitals (DBR & SK hospital, Sankalpa super specialty hospital, Sri Venkateswara Institute of Cancer Care and Advanced Research), Primary Health Care (Renigunta, Naravaripalle, Kammappalli and Muthya Reddy Palle UPHC centres for active reporting of Adverse Drug Reactions).
15. Celebration of 2nd National Pharmacovigilance Week from (17th to 23rd September-2022) at SVIMS-SPMCW.

PHARMACOVIGILANCE COMMITTEE

The Pharmacovigilance committee is constituted to monitor and analyze sentinel events, accidents and formulate adverse drugs policy to prevent report and analyze the adverse events within the hospital through a robust ADR reporting system.

Committee members:

1. Dr Usha Kalawat, Principal - Chairman
2. Dr R. Ram - Co-Chairman
3. Dr K.Umaheshwara Rao - Co-ordinator
4. Dr C. Pallavi - Deputy Co-ordinator
5. Dr K. Chandra Sekhar - Member
6. Dr Y. Mutheeshwaraiah - Member
7. Dr K.R. Subash - Member
8. Dr N. Punith Patak - Member

- 9. Dr A.Surekha - Member
- 10. Mrs. T.Prabhavathi - Member
- 11. Dr M.Poojitha - Member & Pharmacovigilance Associate

Adverse Drug Reaction Monitoring Centre (AMC) of SVIMS, Sri Padmavathi Medical College for Women in collaboration with National Coordination Centre (NCC)-Pharmaco Vigilance Programme of India (PvPI), Indian Pharmacopoeia Commission (IPC), Ministry of Health and Family Welfare, Govt. of India organized a CME on “**Pharmacovigilance and Medication Safety**” on 8th December, 2023 at SVIMS-SPMCW.

CAUSALITY ASSESSMENT COMMITTEE:

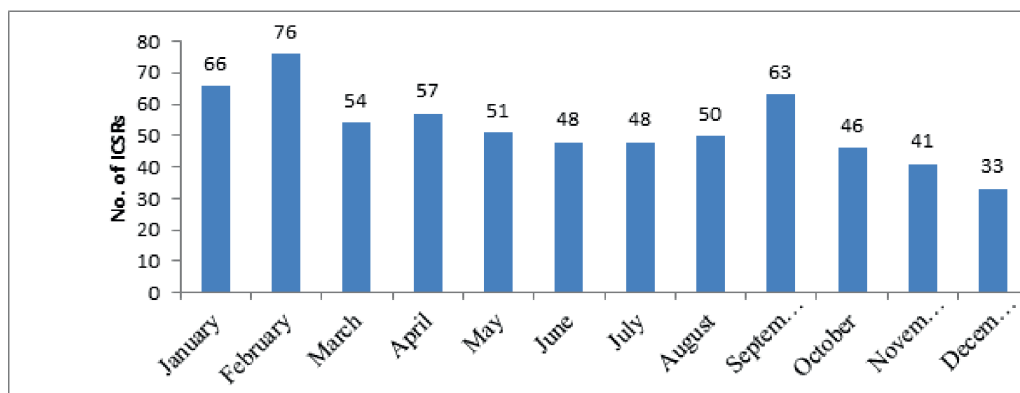
Causality Assessment Committee (CAC) is to establish a causal relationship between the adverse

events and drugs of the reported cases with the following are the members:

1. Dr K.Umamaheswara Rao, Professor & Head of Pharmacology - Chairman
2. Dr Katyaramal, Prof. of Medicine - Member
3. Dr K.Vijaya Chandra Reddy, Assoc. Professor of Pharmacology – Member
4. Dr N. PunithPatak, Associate Professor of paediatrics - Member
5. Dr A Surekha, Associate Professor of Dermatology – Member
6. Dr M Poojitha, Pharmacovigilance Associate - Member

CAC met periodically and assessed causality of each reported ADR case.

Adverse Drug Reaction Reports from Jan 2022 – Dec 2022



PHARMACY & THERAPEUTICS COMMITTEE

The PTC is a multidisciplinary committee responsible for the formulation and implementation of policies and procedures related to the pharmacy services of the hospital.

The committee monitors all pharmacy related activities and ensures that the pharmacy services of the hospitals function in compliance with the applicable laws and regulations.

PTC Reconstitution is done as per the manual guide from WHO, USAID, MSH guidelines.

The list of members are as follows:

1. Chairman- Clinical Director or other appointed physician– Dr Ram, Prof. & HOD, Nephrology, Medical Superintendent, SVIMS
2. Executive Secretary- Dr K.Umamaheswara Rao, Prof. & HOD, Pharmacology, SVIMS, SPMCW.
3. Director of Pharmacy – Dr P.Subramanyam, Sr. Pharmacist
4. Physician Members – Surgeon - Dr Vinod Bhan, Prof., CT Surgery



Annual Report 2023

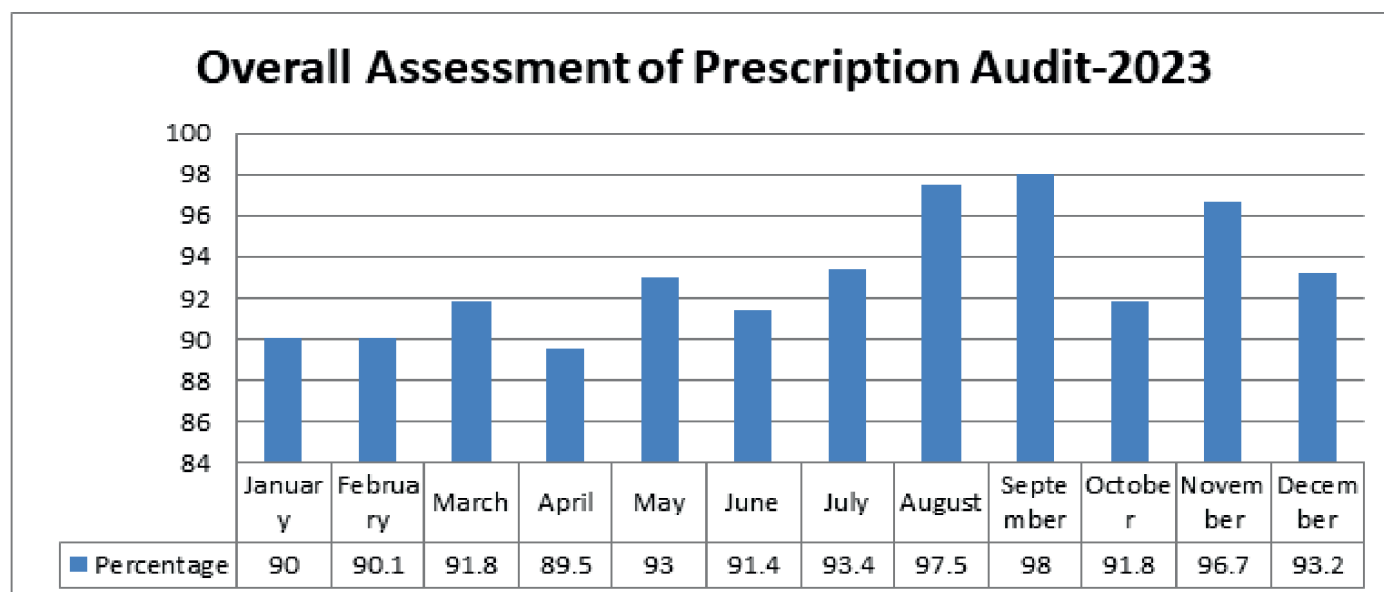
5. Physician Members - Surgeon - Dr Chandramalitheswaran, Prof., SGE
6. Physician Members - OBG/GYN - Dr Malathi, Prof., OBG
7. Physician Members - OBG/GYN - Dr Akhila, Asst. Prof., OBG
8. Physician Members - Internal Medicine – Dr Aloka Samantaray, Prof & HOD, Anaesthesiology
9. Physician Members - Internal Medicine - Dr Bhargavi Prof & HOD, Medical Oncology
10. Physician Members - Internal Medicine - Dr M.C.R.Rama Asst. Prof., Medicine.
11. Physician Members - Internal Medicine - Dr Ramya Priya Asst. Prof., Nuclear Medicine
12. Physician Members - Infectious Diseases - Dr Jayaprada, Prof., Microbiology
13. Physician Members - Infectious Diseases - Dr Harini Devi, Prof., Biochemistry
14. Pharmacy Members - Drug Information Specialist- Mr. Babu Suresh, Pharmacist Gr-I
15. Pharmacy Members - Drug Information Specialist- Mr. Subramanyam Raju, Pharmacist Gr-I
16. Pharmacy Members – Pharmacologist - Dr Pallavi, Assoc. Prof., Pharmacology
17. Pharmacy Members – Pharmacologist - Dr G.Ravindra Kumar, Asst. Prof., Pharmacology
18. Pharmacy Members - Recording Secretary - Dr A.Sai Kiran, Clinical Pharmacist
19. Pharmacy Members - Recording Secretary - Dr P.Anuhya, Clinical Pharmacist
20. Nursing Members - Director of Nursing- Mrs. Prabhavathi, D.D. Nursing
21. Nursing Members - Director of Nursing- Mrs. Sunitha Nursing Superintendent Gr- I
22. Administration - Administrative Officer or the appointee- T. Raveendra babu A.D (Purchase)
23. Administration - Administrative Officer or the appointee- Dr M. Yerram Reddy D.R.(Stores)
24. Public Health - Physician or Nursing Representative- Dr Nanda Gopal, Prof, Neurology.
25. Public Health - Physician or Nursing Representative- Dr Sujith Kumar, Prof, Community Medicine.

The following Pharmacology faculty members are involved in the activities of PTC:

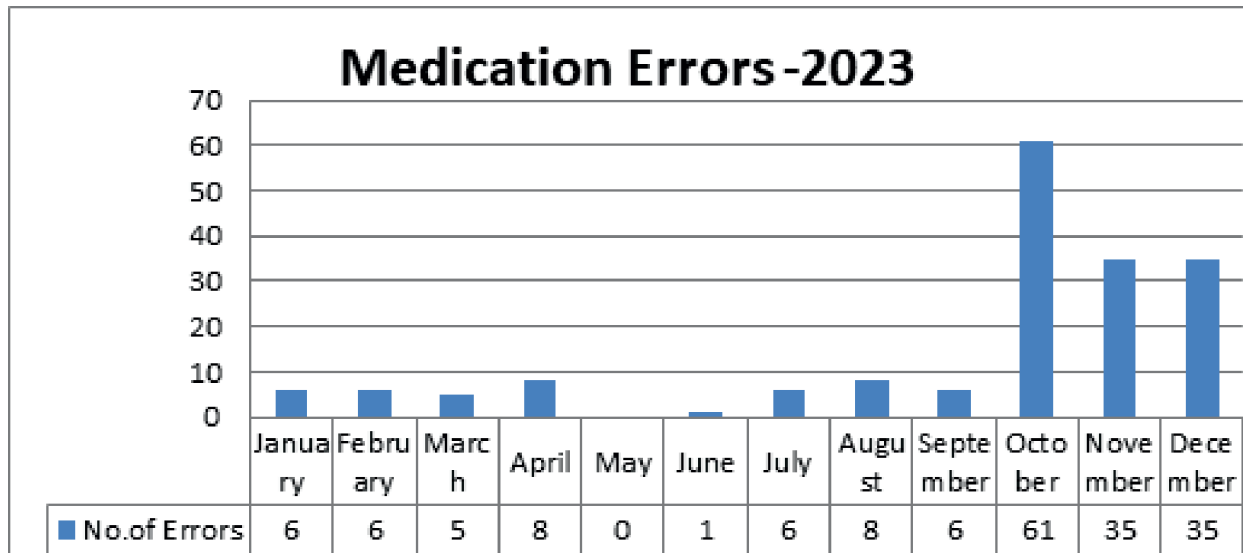
1. Dr K. Umamaheswara Rao
2. Dr C.Pallavi
3. Dr G.Ravindra Kumar

The main activities related to PTC are:

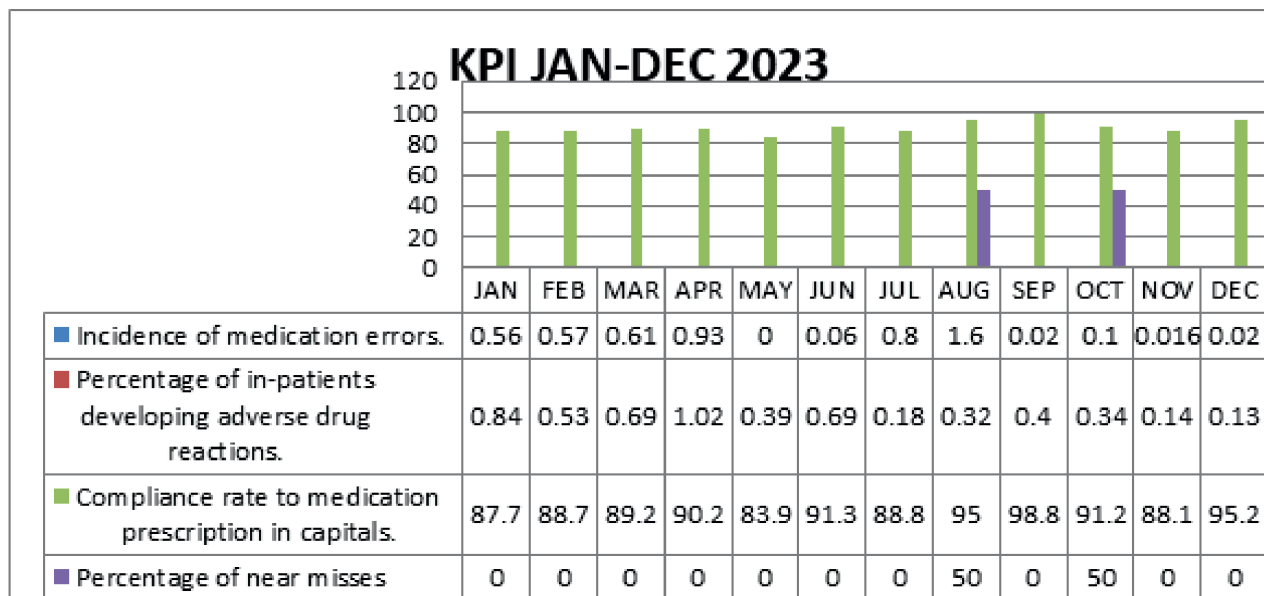
- Prescription audit – Overall assessment and department wise



- Hospital Formulary is prepared and updated and availability of formulary is made in OPDs of SVIMS & SPMCW Hospitals.
- Storage of Medication in Pharmacy, OTs, Wards & ICUs as per the recommendations.
- Prescription online postings of prescribed doctor details should be same with the manual prescriptions. If not, the Unit-Incharge or HOD of same department details should be mentioned for online prescriptions in E-Hospital, SVIMS for any legal enquiries.
- Medication errors identified must be documented by taking Corrective Action Preventive Action (CAPA) action immediately in the identified wards with details of the concerned staff members for ensuring patient safety.



- ADR reporting
- Monitoring of Narcotics usage, Chemotherapeutic drug usage & usage of Implantable prosthesis and Medical devices, Radioactive drugs.
- PTC KPI list is prepared



Annual Report 2023

Drug Information Centre

Under the supervision of department of pharmacology so as to provide information on medications to health care professionals and to educate patients on usage of medications three drug information centers were started at

1. PMBJK Generic shop at SVIMS OPD block
2. S.V.Generic shop
3. Padmavathi medical shop at SPMCW
4. Hanuman Drug House

PHARM - D Training Programme:

Department of Pharmacology trains PharmD students of two pharmacy colleges. As per their curriculum, Pharmacology faculty review the performance of PharmD students every week and encourages them in reporting ADRs, medication errors and in patient counselling so as to improve patient safety. In association with clinical departments, Department of Pharmacology assigns and guides in completing PharmD projects of following colleges students.

Pharm D Co-ordinator - Dr K. Umamaheswara Rao

Deputy Co-ordinators - Dr C.Pallavi
- Dr G.Ravindra Kumar

- i) Sree Vidyanikethan College of Pharmacy
- ii) Seven Hills College of Pharmacy

Clinical Pharmacology:

Co-ordinator :- Dr K. Umamaheswara Rao

Deputy Co-ordinators :- Dr C.Pallavi
Dr G.Ravindra Kumar

Clinical Pharmacy wing is expanded to elaborate services and additional clinical pharmacists were recruited according to the suggestions received during the final NABH accreditation Inspectors based on the ratio of 1 clinical pharmacist for 100 beds. Hence additional Clinical Pharmacists were recruited for smooth functioning. Clinical pharmacy department was established in Padmavathi building first floor.

Wards were allotted to the individual clinical pharmacists as follows:-

SNO	Floors	Departments	Names
1.	Ground Floor & Second Floor	EMD, EMD Extension, EMD ICU, RICU, Cath Lab, Neph-III, Surgical Oncology ICU, Surgical Oncology Ward, Surgical Oncology Stepdown, Surgical Oncology ICCU.	Dr J.Sucharitha
2.	Ground Floor & Second Floor	Nephrology ICCU, Nephrology ward, Dialysis, Cardiology ICU, Cardiology ward, Acute Neurology ICCU, Neurology ward, Radiation Oncology, Medical Oncology.	Dr A.Sai Kiran
3.	First Floor & Second Floor	Neurosurgery, CT Surgery, Urology, Radiation Oncology, Surgical Gastroenterology, GERR1, GERR2, Ct Recovery Wards, Medicine Ward, Male General Ward, Female General Ward, MICU.	Dr P.Anuhya
SPMCW			
4.	Ground,Third, Fourth & Fifth floor	OBG, Labour Room, Paediatrics Ward, NICU, Endocrinology, ENT, General Surgery, Psychiatry, Pre Anaesthetic, PAIN & Palliative Ward, NEPH-V, COVID ward.	Dr T.Suneetha

- To perform prescription audit, the clinical pharmacists were allotted batch wise, atleast 35 case sheets can be reviewed by each member so that 2 clinical pharmacists can get maximum of 70 case sheets per day.

Batch A	Dr A.Sai Kiran	Dr T.Suneetha
Batch B	Dr P.Anuhya	Dr J. Sucharitha

Pharmacy colleges were allotted to the clinical pharmacists as follows:-

Sri Vidyanikethan College of Pharmacy – Dr P.Anuhya & Dr A.Sai Kiran

Seven Hills College of Pharmacy – Dr J.Sucharitha & Dr T.Suneetha

- Quality Audit Check is done by the clinical pharmacists in the IP stores of SVIMS- SPMCW hospital every Wednesday.
- A total of 10 weekly quality audit checks were done at in patient pharmacy stores of SVIMS and SPMCW. Three Mega quality audit checks were done in all the inpatient pharmacy stores and out sourcing pharmacy stores of SVIMS and SPMCW.
- PTC has to be presented by the clinical pharmacists in the PTC meeting held on first Friday of every month.

- Clinical pharmacists should be the in charge of pharmacy colleges in the patient counselling areas located at SVIMS and SPMCW. Patient counseling areas were allotted to the pharmacy colleges as follows :-

Hanuman Drug House, Padmavathi Medical shop – Seven Hills College Of Pharmacy PMBJK Generic shop, S.V.Generic shop - Sri Vidyanikethan College Of Pharmacy

- Department of Pharmacology is actively involved in the preparation of Management of Medication (MOM) policy documents, SVIMS Pharmacy manual and see that all the standards are implemented in all the functioning areas of the SVIMS & SPMCW Hospital.
- For effective implementation of MOM standards so as to get full NABH accreditation, MOM chapters have been redistributed among Pharmacology faculty as follows:

S.No	Name of the faculty	MOM Chapters
01	Dr K. Umamaheswara Rao	Chapter Leader
02	Dr K.R. Subash	Co-ordinator
03	Dr K. Vijaya Chandra Reddy	1
04	Dr P. Anuhya	5
05	Dr A. Sai Kiran	2

3. Activities include:

- a. Pharmacy Quality Audit Check Committee: Pharmacology faculty once in three months visit all the Pharmacy stores at SVIMS & SPMCW Hospital and advice the conditions that are required for the appropriate medication storage, Dispensing and safety.
 - b. Pharmacology faculty conduct inspections of all operation theatres & recovery rooms, Cathlab, ICUs and all the wards in SVIMS & SPMCW Hospital to look and improve the difficulties faced in implementation of the NABH standards.
4. Regular clinical rounds will be done by Clinical Pharmacist to check crash carts, administrative and prescription errors, patient counseling, adverse drug reactions monitoring and medication safety.

SVIMS Simulation Systems (SVIMS Skills Lab):

SVIMS AHA – ITC (American Heart Association – International training Centre) is recognized by International Training Centre by American Heart Association to train and provide Basic Life Support (BLS) and Advanced Cardio Vascular Life Support (ACLS) certification at regular intervals to MBBS Interns and Postgraduates. SVIMS Skills Lab has 35 trained faculties from various specialties (Doctors and Nurses) to provide Simulation based Medical Education Training under the guidance of SVIMS-Medical Education Unit. During the year 2023. Two training workshops have been conducted partnering with Laerdal Medical India Pvt Ltd, leading solutions provider for skills and simulation based education.

The SVIMS Skills Lab is constituted with the following members:

Overall Incharge	Dr Usha Kalawat, Principal, SVIMS-SPMCW
Training Centre Co-ordinator (TCC) AHA-ITC	Dr AlokaSamantharay, Prof.& HOD, Dept. of Anesthesiology
Incharge, Skills Lab	Dr K.R.Subash, Professor of Pharmacology
Superintendent	Mrs. V. Dhanalakshmi
Admin	B. Madhubabu

7.0 BALAMITHRA CRÈCHE

Bala Mithra Crèche was started on 08.04.2011 and has been functioning successfully with all amenities. The center accommodates children from six months of age to 8 years. Several permanent and contract staff members of SVIMS are benefited by the Crèche facility. It provides a safe, clean and fun filled environment for children to play and interact with other children. The ratio of staff to children is 1:4.

We run child care center professionally where we entertain the kids, encourage their creativity and ensure their safety. We have a safe friendly, reliable and stimulating environment, where the staff can leave their children while at work.

The crèche is fully air conditioned with two split air conditioners along with equipped with six beds, one fridge,, one LCD TV and one DVD player. Outdoor playing area allows children to develop their outdoor game skills on a variety of equipment's and keep healthy.

The crèche is fully surveillance under closed circuit cameras with '4' cameras. 2 cameras are strictly monitoring inside the crèche and rest of the two cameras at inside and outside the playing area for the safety of the kids and monitoring of the duties of the Aayas too.

Many of the women employees expressed their gratitude and happiness for this welfare facility being provided by the institution. Very nominal fee is charged towards crèche charges. As the crèche is situated in SVIMS premises only, the staff feels it very convenient to visit during the Lunch time to look after their children. As the Crèche is working for 12 hours i.e. 8 a.m. to 8 p.m., it is very useful for staff who are attending shift duties.

There is a proposal of posting child development personnel from Home Science Department of S.V.University, Tirupati to render child development programs in crèche and this may become fruitful in near future. The children will be benefitted though this welfare measure.

SVIMS Staff and parents are supporting each other and working collectively together for the well - being of the children's.

As some of the SVIMS staff are now reaching middle age and becoming grandparents, the crèche is serving to look after the grand children of SVIMS staff also.

8.0 ENGINEERING WORKS 2022-23

8.1 Engineering Division, TTD, SVIMS:

The Tirumala Tirupati Devasthanams established a separate Engineering Division for execution of Capital and Maintenance works headed by Sri P.Harsha Vardhan Reddy, Dy. Executive Engineer with the following:

Capital works progress in 2023-24

S. No.	Name of the work	Cost in Lakhs (Rs.)
1	Construction of Cardio & Neuro Block in SVIMS premises, Tirupati	9,700.00
2	Construction of central go-down for SVIMS, Tirupati	1065.00
3	Construction of 3rd & 4th floors over existing Central Library building for clinical Research Center at SVIMS, Tirupati.	1,300.00
4	Construction of Additional floors (2nd & 3rd) over the existing patient attendant building in front of OPD block, SVIMS , Tirupati	440.00
5	Construction of 3rd floor over the existing boys hostel building in SVIMS, Tirupati	335.00
6	Providing Shelter for patient attendants in front of OPD block, SVIMS, Tirupati	195.00
7	Providing B.T. Renewal coat to the internal roads in SVIMS, Tirupati	127.00
8	Construction of additional floor (2nd floor) over the existing dining hall in girls hostel building at SVIMS, Tirupati.	120.00
9	Painting to Nursing College, BPT College, PUMP house, SVIMS Canteen, Generator room & Central work shop in SVIMS, Tirupati	37.00

Sri Venkateswara Institute of Medical Sciences

Capital works new proposals 2024

S. No.	Name of the work	Estimate Amount in Lakhs (Rs.)
1	Providing wall paneling, false ceiling, furniture, electrification and Air conditioning to the existing Auditorium in 3rd floor of SPMCW in the premises of SVIMS, Tirupati	378.00
2	Improvements and refurbishment of existing buildings of the SVIMS Premises at Tirupati	192.00
3	Providing interlocking concrete pavers to the road side berms of internal roads at SVIMS Tirupati	170.00
4	Establishment of pay clinic in 2nd floor of SPMCW hospital, SVIMS, Tirupati	52.00
5	Providing SS Shoe Racks and Nurses working stations in SVIMS Tirupati	30.00
6	Providing cc chequered tiles to foot paths on both sides of main road leading from main arch at valmiki circle to SVIMS main building	98.00
7	Construction of open dias to SPMCW grounds and providing partitions to office & store to physical director in the cellar of SPMCW building, SVIMS, Tirupati	24.00
8	Providing poly carbonate sheet roofing to the open to sky at SPMCW hospital, SVIMS, Tirupati	23.00

Annual maintenance completed in 2022-23

S. No.	Name of the work	Estimate Amount in Lakhs (Rs.)
1	Annual Maintenance Of Central Block, Gas room, Speciality & Dialysis Extension block, AD Block and General toilets in SVIMS, Tirupati.	40.00
2	Annual Maintenance of OPD Block, Service Block, Central Stores, PET CT Building, Oncology Block, Generator Room, Sub-Station building, Laundry, Canteen, COP & CON, Dormitory Block, CFAR Building, General toilets and Pump Room in SVIMS	40.00
3	Annual maintenance of SPMCW General Hospital, Bio-Technology Building, Oncology block in SVIMS	30.00
4	“Annual Maintenance of SPMCW Hostels, New & old PG quarters, Boys & Girls Hostels SVIMS Director Bungalow, professors quarters & Nephro plus in SVIMS	30.00
5	Repair & maintenance work to various SVIMS buildings like OPD, Administrative block, Central & Specialty block Tirupati	40.00

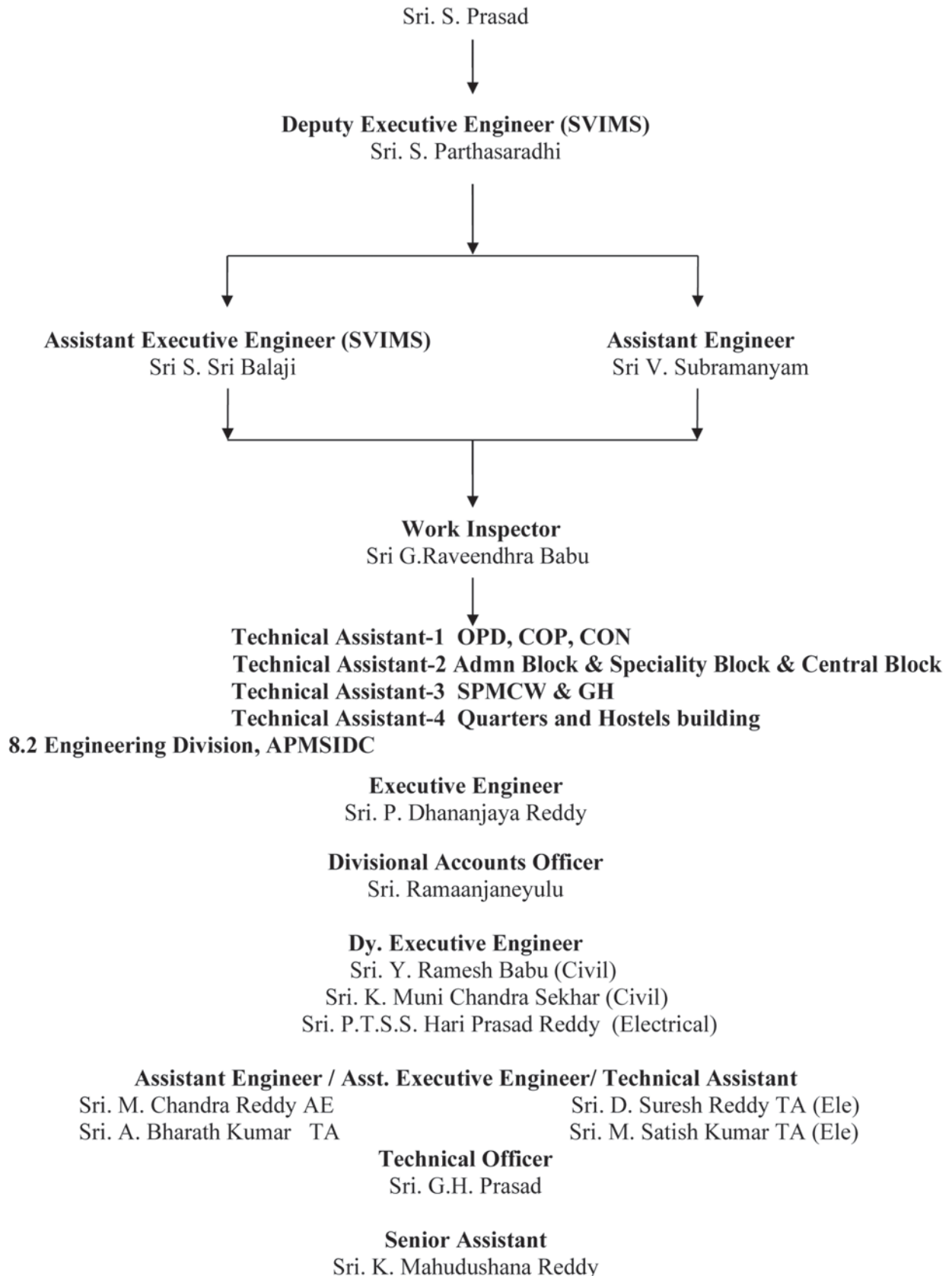
Annual Report 2023

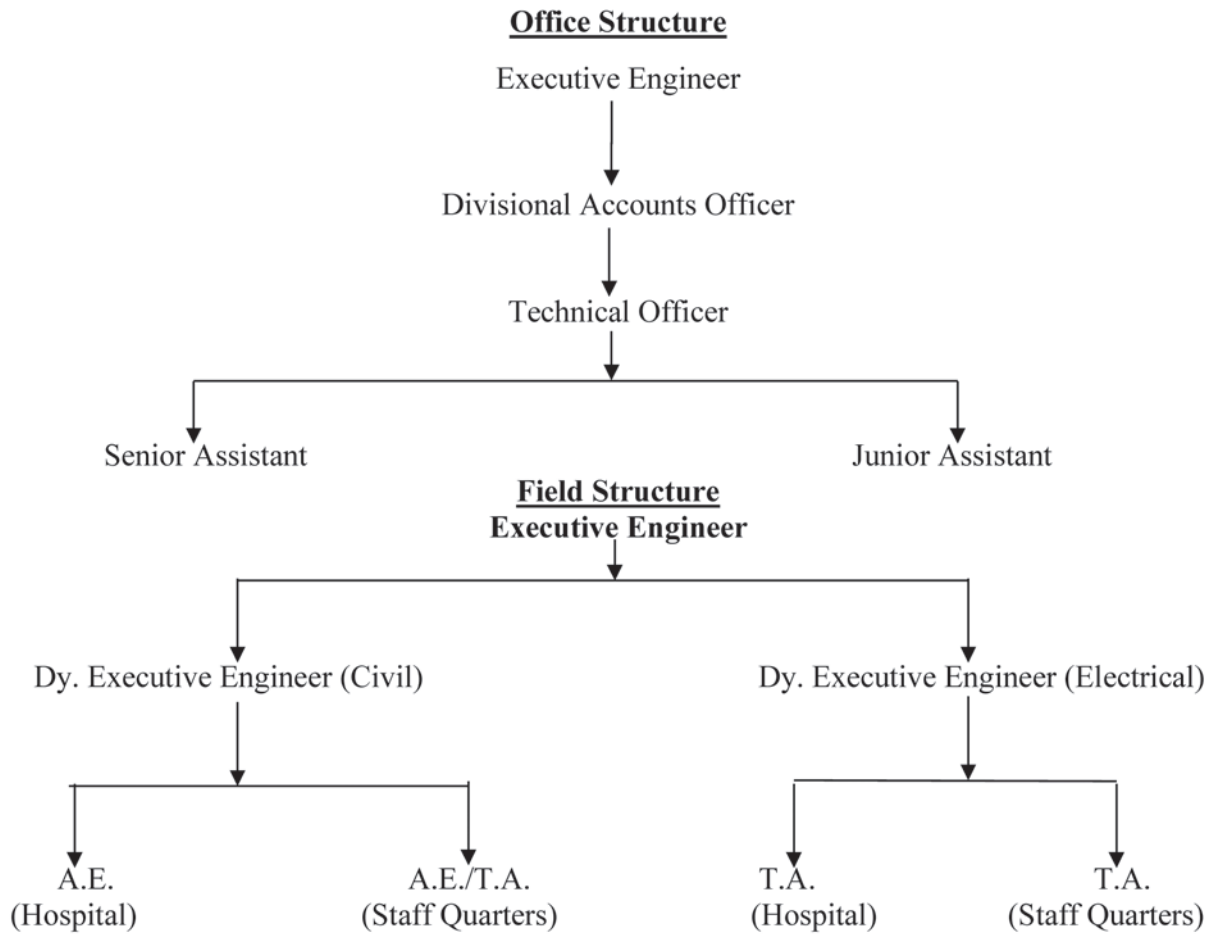
Annual maintenance progress in 2023-24

S. No.	Name of the work	Estimate Amount in Lakhs (Rs.)
1	Annual Maintenance of OPD block, Service block, Central stores, PET CT building, Generator room, Sub-station building General toilets and PUMP Room in SVIMS.	40.00
2	Annual Maintenance of Central block, Gas room, Specialtiy & Dialysis Extension Block, AD Block and General toilets in SVIMS.	40.00
3	Annual Maintenance of Nursing College, BPT College, SVIMS Canteen, Dormitory block and C F-AR building in SVIMS .	30.00
4	Annual Maintenance of SPMCW General Hospital, Laundry, Engineering department, Nephro plus, Cancer building in SVIMS.	25.00
5	Annual Maintenance of MBBS Hostel, professor and assistance professor quarters, Medicine Hostel(Vedic) & SPMCW College in SVIMS.	25.00
6	Annual Maintenance of PG Hostel, Staff quarters, Girls Hostels -I & II , Doctor quarters &Boys Hostel in SVIMS.	25.00
7	Annual maintenance of Internal Roads in SVIMS, Tirupati.	20.00
8	Annual Maintenance of Operation & Maintenance of Mechanical works (Motor repairs, Furniture repairs etc., and other miscellaneous works) at SVIMS, Tirupati.	10.00

Annual maintenance new proposals in SVIMS, Tirupati for the year 2024-25

S. No.	Name of the work	Estimate Amount in Lakhs (Rs.)
1	Annual Maintenance of OPD block, Service block, Central stores, PET CT building, Generator room, Sub-station building General toilets and PUMP Room in SVIMS.	40.00
2	Annual Maintenance of Central block, Gas room, Specialtiy & Dialysis Extension Block, AD Block and General toilets in SVIMS.	40.00
3	Annual Maintenance of Nursing College, BPT College, SVIMS Canteen, Dormitory block and C F-AR building in SVIMS.	30.00
4	Annual Maintenance of SPMCW General Hospital, Laundry, Engineering department, Nephro plus, Cancer building in SVIMS.	25.00
5	Annual Maintenance of MBBS Hostel, professor and assistance professor quarters, Medicine Hostel (Vedic) & SPMCW College in SVIMS.	25.00
6	Annual Maintenance of PG Hostel, Staff quarters, Girls Hostels -I & II, Doctor quarters & Boys Hostel in SVIMS.	25.00
7	Annual maintenance of Internal Roads in SVIMS, Tirupati.	20.00
8	Annual Maintenance of Operation & Maintenance of Mechanical works (Motor repairs, Furniture repairs etc., and other miscellaneous works) at SVIMS, TPT.	10.00





Annual maintenance progress in APMSIDC, Tirupati for the year 2022-23

S. No.	Name of Work	A.S. Amount (Rs. In Lakhs)	Name of Agency and address	Agmt. Amount (Rs. In lakhs)	Stage of Work	Expenditure (Rs.in Lakhs)		
						Upto last month	During the month	Cumulative
Phase-II								
1	Construction of additional floors over E&F blocks of Hospital Buildings in SPMCW	2322.00	M/s. Arrow Constructions Limited	1900.29	Inside plastering completed in all four floors. External plastering completed at North & South Side and progress at East side Bottom slab completed for RCC Water tanks (3 Nos) further work is in progress.	928.99	----	928.99
2	Construction of buildings for TB, Chest, Skin & VD Isolation wards, Staff quarters for HoD/ Professors,	9818.00	M/s. I. Muni Mohan Reddy & Co.,	4603.56	a) Isolation ward: Red sandal Tree cutting completed, red sandal material Hand over to the Concerned. Site yet to be handed over to contractor	1189.15	----	1189.15

Sri Venkateswara Institute of Medical Sciences

S. No.	Name of Work	A.S. Amount (Rs. In Lakhs)	Name of Agency and address	Agmt. Amount (Rs. In lakhs)	Stage of Work	Expenditure (Rs.in Lakhs)		
						Upto last month	During the month	Cumulative
	Teaching and non-teaching staff, Nurses and Girls Hostel in the premises of Sri Padmavathi Medical College for Women at Tirupati in Chittoor District				due to clearance of site free from Red sandal debris. b) HOD Quarters: Second floor slab completed. Third floor roof slab Bar bending work is in progress. c) Teaching Quarters: Third floor slab laid. Fourth floor slab to be laid. d) Non Teaching Quarters: Fifth floor slab laid. Sixth floor cantering work is in progress. e) Nursing Quarters: Fifth floor slab laid. Sixth floor columns steel work is in progress. f) Girls Hostel: Fifth floor slab laid. Sixth floor slab Bar bending work is in progress.			
3	Conversion of Establishment of Balaji Institute of Oncology in SVIMS, Tirupati	8500.00 (Without Statutory provisions)			Soon after receipt of Willingness from the Sydome, Pvt., the Architectural and Engineering Services Consultants to be appointed by the Chief Engineer, Designs & Planning, APMSIDC, Mangalagiri.			
		20640.00		6503.85	2118.14	—	2118.14	

9.0 PURCHASE SECTION

The main goal of purchasing department is to deliver high-quality goods and solutions at the best price. Its major role is obtaining quotations for the items not in tender, negotiating, soliciting bids, and creating purchase orders.

Purchase department is responsible for all purchases required for the Hospital and Stores. The department will process the requests received from various departments for purchase of Equipment, Surgical consumables, disposables, implants, medicines, chemicals, diagnostic kits, sanitary, stationery, linen, electronic items like Personal computers, printer & scanners, etc. through and quotations. The Central Procurement Department, SVIMS, TTD was established in October, 2023 for processing tenders.

At a glance:

Budget Allotted for the F.Y.2022-23:Rs. 131,03,60,000/-

S.No.	Particulars	Jan - Dec' 2023
1	No. of Indents received	544
2	No. of Purchase Orders issued	1002
3	Value of Purchase Orders	33.24 (Crores)

Annual Report 2023

Meetings conducted during the period Jan-Dec, 2023 :

i. Purchase Committee Meeting:

S.No.	Date	List of equipments placed
1	06.03.2023	15 Equipments
2	01.11.2023	Setting up and running of Dialysis unit (PPP)

ii. Specific Purchase Committee Meetings:

S.No.	Date	List of equipments placed
1	04.09.2023	3T MRI, Bi-plane DSA, PET CT and Gamma Camera
2	14.09.2023	3T MRI, Bi-plane DSA, PET CT and Gamma Camera

iii. Tenders Published:

S.No.	Date	List of equipments placed
1	22.03.2023	13 Equipments
2	02.09.2023	02 Equipments – Tenders floated by CE, TTD
3	07.10.2023	04 Equipments (03 tenders)
4	30.11.2023	04 Equipments (03 tenders)

iv. Pre-bid Meeting:

S.No.	Date	List of equipments placed
1	04.01.2023	4D CT Simulator, Gamma Camera, 3T MRI, PET CT
2	05.04.2023	Bi-plane DSA
3	08.04.2023	PACS
4	26.07.2023	3T MRI
5	11.09.2023	Setting up and running of Dialysis unit (PPP) and Apheresis machine held at CE's chamber, TTD
6	14.10.2023	Dual Head Gamma Camera, Bi-plane DSA and 3T MRI

v. Tender Document Verification Committee Meetings:

S.No.	Date	List of equipments placed
1	18.01.2023	APD Cycler, Fluorescent Microscope, Biosafety Cabinet, Electrolyte Analyser on reagent rental basis
2	21.02.2023	Diathermy machine, C-Arm (Fluoroscopy) machine
3	01.03.2023	4D CT Simulator, Gamma Camera, PET CT
4	07.03.2023	3T MRI
5	17.04.2023	11 Equipments
6	24.04.2023	3T MRI, 4D CT Simulator
7	08.05.2023	Dual Head Gamma Camera
8	05.06.2023	PET CT
9	19.06.2023	Bi-plane DSA
10	17.07.2023	PACS
11	09.10.2023	Setting up and running of Dialysis unit (PPP)
12	28.10.2023	Dual Head Gamma Camera and PET CT
13	07.11.2023	Bi-plane DSA and 3T MRI
14	15.12.2023	3T MRI, Bi-plane DSA, PET CT and Gamma Camera
15	19.04.2023	Linen tender opening, document verification and technical evaluation of samples meeting with the committee members(Surgical)

vi. Price Evaluation Meetings:

S.No.	Date	List of equipments placed
1	25.05.2023	C-Arm (Fluoroscopy) Machine and Automated Blood grouping and cross matching
2	28.06.2023	Coronary Bypass flow sensor, Biosafety Cabinet and -80° freezer
3	13.07.2023	4D CT Simulator -- 07.08.2023 – GE 68 cylindrical phantom and Electrolyte analyser on rental basis
4	16.08.2023	Fluorescent Microscope and Twincubator
5	01.12.2023	1.5 MRI CAMC
6	09.10.2023	Negotiation meeting for Neurosurgery (Spinal Endoscopy) consumables & Instruments with the HOD, Neurosurgery and the Committee members (below 50 lakhs) (Surgical)

vii. Other Meetings:

S.No.	Date	List of equipments placed
1	25.05.2023	LINAC to discuss on certain points
2	20.06.2023	Establishment of SBIO (phase - I)
3	02.08.2023	4D CT Simulator – Regarding turnkey works
4	02.08.2023	LINAC – Regarding turnkey works
5	16.08.2023	4D CT Simulator – Finalization of turnkey works
6	21.08.2023	LINAC – Releasing of payment schedule for turnkey works
7	06.09.2023	3T MRI, Bi-plane, PET CT and Gamma Camera – Pre tender meeting.
8	11.12.2023	High end latest flat detector cathlab system
9	12.09.2023	Quality Assurance of the tender items i.e., Betadine solution in the presences of Controller of stores. Prof.I/c (P), Dy.R(S), A.D(P) (Medical)

xiii. Purchase of Equipments at various stages (Jan-Dec, 2023):

S. No	Name of the equipment	Qty.	Department	Amount (Rs.)	Source of Fund	Status
1	Microscope for Immuno fluorescence & FISH	01	Pathology	81,86,053	S.V. Pranadanam	Received.
2	Haemodialysis machine	20	Nephrology	1,32,53,323	SBAVP	Received.
3	Operating Microscope	01	Neurosurgery	3,66,99,999	SBAVP	Received.
4	Fully automated Immuno Assay analyser	01	Biochemistry	Rental basis	--	Received.
5	Linear Accelerator	01	Radiation Oncology	US\$ 24,58,139	SBAVP	Purchase Order released. Building is under construction. Supply to be made within 24 weeks after opening the LC. Once, construction is completed LC will be opened.
	Accessories			80,24,000		
	Turnkey works			1,29,80,000		

Annual Report 2023

S. No	Name of the equipment	Qty.	Department	Amount (Rs.)	Source of Fund	Status
6	Vaporizers – Isoflurane – 04 nos. Sevoflurane – 04 nos.	08 nos.	Anaesthe siology	7,99,680	SVIMS	Received.
7	USG (Ultrasonography) machine	01	Surgical Oncology	29,40,866	SBAVP	Received.
8	Hand held gamma probe system for sentinel node Biopsy	01	Surgical Oncology	36,00,000	Dept. generated fund 19,30,747/- SVIMS funds 20,69,253/- SVIMS funds 20,69,253/- (PO released)	Received.
9	3D C-Arm (Multi dimensional imaging system)	01	Neurosurgery	3,56,60,800	SBAVP	Received
10	HBA1C Analyser	01	Endocrinology	Rental basis	--	Received
11	Biosafety Cabinet-1 (BSL-1)	01	Biotechnology	4,43,916	SBAVP	Received
12	Blood gas analyser	01	Medicine	Cost per test basis	--	Received
13	Automated blood grouping and cross matching	01	Transfusion medicine	Cost per test basis	--	Received
14	-80° freezer	01	Clinical Virology	10,96,550	SBAVP	Received.
15	Twincubator	01	Microbiology	6,00,0000	SBAVP	Received
16	Biosafety Cabinet Class – II, Type B2	02	Microbiology	38,78,660	SBAVP	Received
17	Electrolyte Analyser	01	Biochemistry	Cost per test basis	--	Received
18	C-Arm (Fluoroscopy) machine with recording facility	01	Urology	50,00,000	SBAVP	Received
19	4D CT Simulator	01	Radiation Oncology	9,63,28,270	IOCL & SBAVP	PO released.
20	Blood gas Analyser	01	CT Surgery	Cost per test basis	--	Received.
21	Subscription of print journals for the calendar year 2023	146	Library	Discount 39.05%	SBAVP	PO released.

S. No	Name of the equipment	Qty.	Department	Amount (Rs.)	Source of Fund	Status
22	Setting up and running of Haemodialysis unit under PPP mode	01	Nephrology	1,696.22 (per dialysis)	---	LOI issued. MOU entered.
Lab Equipments under agreement (Reagent rental /cost per test)						
1	Automated Grouping and Cross matching Equipment	-	Transfusion Medicine	Cost per Test	SVIMS	Agreement Extended
2	NAT laboratory (Nucleic Acid Amplification Test)	-	Transfusion Medicine	Cost per Test	SVIMS	Extension Agreement under process
3	Au680	-	Biochemistry	Reagent rental basis	SVIMS	Agreement Extended
4	Access 2 Immuno assay analyzer	-	Biochemistry	Cost per Test	SVIMS	Agreement Extended
5	Electrolyte Analyzer	-	Biochemistry	Cost per Test	SVIMS	Agreement Extended

10.0 DIETARY SERVICES

Chief Dietitian

M. Sunitha Devi

Asst. Dietitians

K Geetha R Brahmini M Sowjanya & M Bargavi

Dietitian work as members of multi-disciplinary team to look after patients who are under the care of consultants. Dietitian educates and advice patients with diet related disorders on the practical ways in which they can improve their health by adopting heal their eating habits.

The following number of OP patients and IP Patients is given diet counselling from January 2023 to December 2023.

Services provided

- Diet counselling to OPD and IPD inpatients referred by consultants.
- Diet counselling to all patients on MHD and CAPD (Nephrology dept.).
- Diet counselling to all children who attend Paediatric OPD.
- Liquid diet supply to the inpatients who are unable to take solid diet.
- Diet supply to inpatients who admitted under Dr YSR Aarogyasri Scheme and PD Scheme.
- Regular inspection of canteen and mess to do sample tasting.
- Works as a part of a multi-disciplinary team during all VVIPs and VIPs visits, press meetings, sports day, Anniversary day, National festivals, FC meetings, MCI visits, Inauguration programmes etc.
- Supporting the work of other health professions during their departmental CMEs, Oration lectures Conferences, Workshops, all world health days etc.

Annual Report 2023

- Attending weekly grand round meetings, fort night Dr YSR Aarogyasri and EHS meetings, monthly meetings like ICC and HOD'S meetings etc.

Counselled patients:

S. No.	Month	OPD	IPD
1	January	653	2501
2	February	566	2247
3	March	589	2280
4	April	496	2220
5	May	791	2672
6	June	832	2933
7	July	739	2807
8	August	617	2425
9	September	531	2509
10	October	681	2524
11	November	641	2367
12	December	719	2352

Diet supplied to various groups of patients from January 2023 to December 2023.

S No	Month	No. of patients under Dr.YSR SchemeSVIMS	No. of patients under Dr. YSR Scheme, SPMCH	No. of patients under PD scheme	No. of patients Liquid diet	No. of patients of Covid-19 SPMCH
1	January	9745	1576	-	2160	
2	February	8846	1567	-	1935	
3	March	9848	1616	-	1120	
4	April	8789	1281	-	2065	
5	May	8467	1256	-	2082	
6	June	8997	1663	-	2085	
7	July	7888	1304	-	2085	
8	August	5881	731	2	1575	
9	September	6590	612	74	1645	
10	October	7261	997	23	1920	
11	November	5843	1248	-	1652	
12	December	5735	1509	-	1760	

11.0 SVIMS ALUMNI ASSOCIATION

It is approved to form Alumni Associations with the following members elected in the meeting held on 19.01.2024

- President : Dr M.Gurumurthygaru, College of Physiotherapy & Member of Parliament, Tirupati
- Vice President : 1) Mr. NSR Muralikrishna, AHS
2) Mrs. Lokeswari, College of Nursing
- General Secretary : Dr M.Jayachandra Reddy, MCh Surgical Oncology & Special Officer, SBIO & SVIMS
- Joint Secretary : 1) Mr. NVS Prasad, AHS
2) Mr. Rajesh, Bioinformatics
3) Dr.Sadhana, MBBS, PG Resident in Transfusion Medicine
- Treasurer : Mr. P. Hari Prasad, AHS
- Executive Members : 1) Dr.S.NobleUjesh, Asst. Prof., Microbiology
2) Dr.P.Yuktha, MBBS
3) Mr. S.Dhaiva Prakash, RIT
4) Mr. Nishal, RIT
5) Ms. Samundeswari, Biotechnology
6) Ms. Sireesha, Biotechnology
7) Ms. Archana, Physiotherapy
8) Ms. Madhavi, Physiotherapy
9) Ms. P.ChristianaBharathi, College of Nursing
10) Ms. Jahnvi, College of Physiotherapy
11) Mr. P. Muddukrishna, AHS
12) Ms. Kameswari, College of Physiotherapy
13) Mr. Raghava Krishna, College of Physiotherapy

SVIMS Students Association:

President	:	Mr. PrabhuTeja, M.Sc. Biotechnology final year
Vice President	:	1) Ms. Sri Chandana, BPT final year 2) Ms. Nafisa, 1 st year MBBS 3) Mr. K. Sai Charan Reddy, M.Sc Bioinformatics, 3 rd Sem.
General Secretary	:	Mr. R.SomuSekharNaik, BSc Nursing
Joint Secretary	:	1) Mr. Sunil, BPT 2) Ms. Ganga Kurthi, Nursing 3) Ms. Srikari, MBBS 1 st year
Treasurer	:	1) Mr. D.Anil Kumar, Biotechnology 3 rd Sem. 2) Mr. M.Prasanth, College of Nursing 3) Ms. Shiva Priya, MBBS 1 st year 4) Mr. E.Jayaprakash, AHS, Anaesthesia
Executive Members	:	1) Mr. Kumar Sai, BPT 2) Mr. P. HarshaVardhan, AHS 3) Ms. Deekshitha, MBBS 1 st year 4) Ms. M.C. Meghana, BSc (Nursing) 2 nd year 5) Mr. V.Nagendra Prasad, MSc Bioinformatics Final year

The elected members of the **SVIMS Alumni Association** and **SVIMS Students Association** were informed to register the Associations immediately at the District Registrar of Assurances and submit the status report.



IX. STATUTORY BODIES



IX. STATUTORY BODIES

The following bodies govern the institute:

1.0 The Governing Council:

1.	Sri Bhumana Karunakar Reddy , Chairman Tirumala Tirupati Devasthanams, Tirupati	Chairman-Cum-Chancellor
2.	Dr R.V. Kumar Director-cum-Vice Chancellor, SVIMS, Tirupati	Member
3.	Sri. M.T. Krishna Babu , IAS Special Chief Secretary to Govt of A.P. HM & FW Department, Velagapudi	Member
4.	Sri R. KarikalValaven , IAS Special Chief Secretary to Govt of A.P. Endowments (Revenue) Department, Velagapudi	Member
5.	Sri A.V.Dharma Reddy , IDES Executive Officer Tirumala Tirupati Devasthanams, Tirupati	Member
6.	Sri Veerabrahmam , IAS Joint Executive Officer (H&E), Tirumala Tirupati Devasthanams, Tirupati	Member
7.	Dr K. Babji , Vice-Chancellor Dr YSR University of Health Sciences, Vijayawada	Member
8.	Dr Alladi Mohan Dean, SVIMS, Tirupati	Member
9.	Dr Aparna R Bitla Registrar, SVIMS, Tirupati	Member
10.	Sri Chevireddy Mohith Reddy Member (Ex-Officio) TTD Board & Chairman, TUDA, Tirupati	Member
11.	Dr S.Shankar Member, TTD Board of Trustees, Tirupati	Member
12.	Dr R.Ram Prof. & HOD of Nephrology, SVIMS, Tirupati	Member
13.	Dr V.Vanajakshamma Professor, Dept. of Cardiology, SVIMS, Tirupati	Member
14.	Dr M. Gurumoorthy Hon'ble Member of Parliament, Tirupati	Special Invitee
15.	Dr M. Jayachandra Reddy , Special Officer, Sri BIO, SVIMS, Tirupati	Special Invitee

The meetings were held on 20.01.2023, 16.06.2023 & 09.12.2023

Annual Report 2023

2.0 The Executive Board

1.	Sri A.V.Dharma Reddy , IDES, Executive Officer Tirumala Tirupati Devasthanams, Tirupati	Chairman
2.	Dr R.V.Kumar Director-cum-Vice Chancellor , SVIMS, Tirupati	Member
3.	Sri Veerabrahmam , IAS Joint Executive Officer (H&E) Tirumala Tirupati Devasthanams, Tirupati	Member
4.	Sri O.Balaji , FA & CAO Tirumala Tirupati Devasthanams, Tirupati	Member
5.	Dr. Alladi Mohan Dean, SVIMS, Tirupati	Member
6.	Dr Ketan Desai Dhirajlal Member, TTD Board of Trustees, Tirupati	Member
7.	Dr Aparna R Bitla Registrar, SVIMS, Tirupati	Member

The meetings were held on 12.01.2023, 14.06.2023, 28.06.2023 & 12.10.2023

3.0 The Finance Committee

1.	Dr R.V.Kumar , Director-cum-Vice Chancellor SVIMS, Tirupati	Chairperson
2.	Sri O. Balaji , FA & CAO Tirumala Tirupati Devasthanams, Tirupati	Member
3.	Dr Aparna R Bitla Registrar, SVIMS, Tirupati	Member

The meetings were held on 21.03.2023 & 16.09.2023

4.0 The Academic Senate

1.	Dr R.V. Kumar , Director Cum Vice Chancellor, SVIMS	Chairman
2.	The Director of Medical Education , Govt. of A.P., Vijayawada	Member, Ex-officio
3.	The Vice Chancellor , Dr YSR UHS, Vijayawada	External Member- Hon. Consultant
4.	The Principal , SVMC, Tirupati	External Member- Hon. Consultant
5.	Dr Alladi Mohan , Dean, SVIMS	Member-Secretary
6.	All the Heads of the Departments , SVIMS, Tirupati	Members
7.	Dr Vinay Kadiyala (Nominated by Director-cum-VC) Asst. Professor of Anaesthesia	Member
8.	Dr V.Chandrasekhar (Nominated by Director-cum-VC) Asst. Professor of Community Medicine	Member

The meetings were held on 01.05.2023 & 10.10.2023



X ADMINISTRATIVE SET-UP



X ADMINISTRATIVE SET-UP

1.0 Hospital Administration

Director-cum-VC	Dr R. V. Kumar
Medical Superintendent	Dr R. Ram
RMO	Dr K. V. Koti Reddy
CMO	Dr P. Siva Sankar
Chief Dietitian	Smt. M. Sunitha Devi
Chief MEDCO – Dr YSR Arogyasree	Dr B. Venu Gopal, Chief MEDCO i/c Dr N. Adi Krishnaiah, Dy. Director
Deputy Director, Dept. of Nursing	Smt. T. Prabhavathi
Chief Medical Records Officer (CMRO)	Dr K. Vivekanand
Nursing Supdts. (Gr.-I)	Smt. C. Sunitha & Smt. G. Indiramma
Supdt. (Medical Reimbursement)	Sri M.L. Govindarajulu
Supdt. (Insurance)	Sri K. Mohansreenivasa Royal
Medico Social Worker	Sri N. V.S. Prasad
Medical Record Officer	Smt. G. Sireesha
Medical Record Officer	Sri N.S.R. Murali Krishna

2.0 General Administration

Chief Accounts Officer	Sri Devarakonda Gopi
Dy. Director (Establishment)	Smt. M. Prasanna Lakshmi
Dy. Director (Billing, Credit Cell & Insurance)	Sri G. Suresh Kumar
Asst. Director (Establishment)	Sri D. Ananda Babu
Asst. Director (Establishment)	Smt. T. Rajani
Asst. Director (O/o Director)	Sri L. Sateesh
Asst. Director (General Maintenance)	Sri G. Babu
Asst. Director (Purchase)	Smt. V. Sasikala
Asst. Director (NABH)	Smt. N. Sireesha
Asst. Director (Stores)	Sri T. Ravindra Babu
Asst. Director (PAG)	Smt. G. Bhagyasree
Asst. Director (PR)	Sri V. Rajasekar
Asst. Director (Billing)	Sri G. Dargaiah
Asst. Director (Billing)	Smt. K. Bharathi

Supdt. (Accounts)	Smt. P. Nagaprasuna
Supdt. (PAG)	Sri Ramasubbaramudu
Supdt. (Establishment)	Sri V. Sreedhar Raju
Supdt. (Billing)	Smt. N.P.B. Uma Devi
Supdt. (BIO)	Sri G. Sreenivasulu
Supdt. (Purchase)	Sri M. Venkatramana Reddy
Supdt. (GM)	Sri A.R. Nagendra Babu
Supdt. (Credit Cell)	Smt. S. Santhana Lakshmi
Supdt. (Nephroplus & PPP)	Sri K. Bhupal

3.0 University Administration:

Dean	Dr Alladi Mohan
Registrar i/c	Dr Aparna R Bitla
Controller of Exams i/c	Dr V Vanajakshamma
Principal i/c, SVIMS-SPMCW	Dr Usha Kalawat
Principal i/c, CON	DR P Sudha Rani
Principal i/c, COP	DR K Madhavi
Deputy Director (Academic)	Sri M Yerrama Reddy
Dy. Director, SVIMS-SPMCW	Sri D V Dilip Kumar
Asst. Director (Exams)	Smt G P Manjula
Asst. Director (Academic)	Smt D Madhavi
Librarian	DRA Omkar Murthy
Supdt. (Academic)	Smt G Sailaja
Supdt. (SPMCW)	Smt V Dhanalakshmi
Supdt. (Scholarship)	Mr. V Lokeswara Reddy

4.0 Technical Administration:

Deputy Executive Engineer	Sri. S. Parthasaradhi
Assistant Executive Engineer	Sri S. Sri Balaji
Senior Biomedical Engg.	Sri E. Doraiswamy
Senior Artist	Sri C.R. Nagaraja

Annual Report 2023

5.0 Heads of the departments

S.No	Department	Name of the HOD
1	Anaesthesiology	Dr Aloka Samantaray
2	Anatomy	Dr C.Sreekanth
3	Biochemistry	Dr Aparna R Bitla
4	Bioinformatics	Dr A.Umamaheswari
5	Biotechnology	Dr PVGK.Sarma
6	Cardiology	Dr D.Rajasekhar
7	Cardiothoracic Surgery	Dr Vinod Bhan
8	Community Medicine	Dr K. Nagaraj
9	Clinical Virology	Dr Usha Kalawat
10	Dental Surgery	Dr D.S. Madhu Babu
11	Dermatology Venerology & Leprosy	Dr A. Surekha i/c
12	Emergency Medicine	Dr A. Krishna Simha Reddy
13	Endocrinology	Dr Alok Sachan
14	Forensic Medicine	Dr K. Jyothi Prasad
15	General Surgery	Dr Y.Mutheeswaraiiah
16	Medicine	Dr Alladi Mohan
17	Medical Oncology	Dr D.Bhargavi
18	Microbiology	Dr B.Venkataramana
19	Nephrology	Dr R.Ram
20	Neurology	Dr Nandhagopal .R
21	Neurosurgery	Dr V.V.Ramesh Chandra
22	Nuclear Medicine	Dr T.C.Kalawat
23	Obstetrics & Gynaecology	Dr J.Malathi
24	Ophthalmology	Dr P. Prabhanjan Kumar i/c
25	Otorhinolaryngology	Dr S.B.Amarnath
26	Paediatrics	Dr Punith Patak Nagaram
27	Pathology	Dr N.Rukmangada
28	Pharmacology	Dr K.Umamaheswara Rao
29	Physiology	Dr Sharan B Singh M
30	Plastic Surgery	Dr Praveen Kumar Reddy C.V.
31	Psychiatry	Dr M. Ganesh Kumar i/c
32	Radio-diagnosis	Dr B.Vijayalakshmi Devi
33	Radiation Oncology	Dr B.V.Subramanian
34	Rheumatology	Dr Alladi Mohan
35	Surgical Gastroenterology	Dr V.Venkatarami Reddy
36	Surgical Oncology	Dr H.Narendra
37	Transfusion Medicine	Dr K.V.Sreedhara Babu
38	TB & CD	Dr Alladi Mohan
39	Urology	Dr N.Anil Kumar



XI. SVIMS NEWS





TIRUMALA TIRUPATI DEVASTHANAMS
SRI VENKATESWARA INSTITUTE OF MEDICAL SCIENCES (SVIMS)- TIRUPATI



SVIMS RELATED NEWS IN MEDIA
Department of Public Relations



స్వీమ్స్ సేవలను రాష్ట్రవ్యాప్తంగా విస్తరిస్తాం

- 120 వైద్యుల పోస్టుల భౌతిక వారంలో నోటిఫికేషన్
నేటినుంచీ 40 ఏళ్ళు దాటిన వారికి ఉచిత హ్యూటోగ పరీక్షలు
స్వీమ్స్ డైరెక్టర్ అల్వీ కుమార్



తీరపర, సెప్టెంబరు 28 (ఆంధ్రజ్యోతి).
స్వీమ్స్ సేవలను రాష్ట్రవ్యాప్తంగా విస్తరిస్తామని డైరెక్టర్ కుమార్ వైస్ రాష్ట్రంలో రాష్ట్ర రాష్ట్రవ్యాప్తంగా వెంట కుమార్ చెప్పారు.
స్వీమ్స్ విస్తరణ, అభివృద్ధి, భవిష్యత్తు కార్యక్రమాలకు సంబంధించి అనేక అంశాలపై ఆయన ఆంధ్రజ్యోతిలో ప్రత్యేకంగా మాట్లాడారని వివరాలు ఆయన మాటల్లోనే...

పొంగా పుష్పం, దీనివల్ల స్వీమ్స్లో సదుపాయాలు, ప్రమాణాలు గణనీయంగా పెరుగుతాయి. స్వీమ్స్ అప్పటి సేవలను రాష్ట్రవ్యాప్తంగా విస్తరించి ప్రపంచ రంగంలో ప్రధాన ఆస్పత్రిగా దీర్చిదిత్తి లక్ష్యాలతో పనిచేస్తామని స్వీమ్స్ ఆధ్వర్యంలో జారాకే జనస్థితికాల్ అన్ అంశాలకే పేరు పెట్టాలని కుమార్ స్పష్టపరిచారు.
అప్పటిని దీనివలననే ప్రారంభించిన అవకాశాలున్నాయి. 400 వందల సామర్థ్యం కలిగిన ఈ ఆస్పత్రి రాష్ట్రవ్యాప్తంగా క్యాన్సర్ రోగులను ఆవనంపాటు సేవలు అందిస్తుంది. ఇప్పటికే స్వీమ్స్ ఏకైక బస్సు పెట్టాలని కేసి గ్రామీణ ప్రాంతాల్లో క్యాన్సరు నిర్వహించు మహిళల్లో క్యాన్సర్ పరీక్షలు అందుతున్నాయి. ఉపయోగ సృష్టించే పరీక్షలు నిర్వహించడంలో బీసీఎం, ఎమ్మెల్యే, డాక్టర్ క్యాన్సరు పరీక్షలు అందించడం ద్వారా పరీక్షలు దా. 7 కేసులను దా. 10 కేసుల వరకు అభ్యవసయించి అవసరమైన వైద్య ఉపకరణాల సృష్టనను రెండు నెలల్లో ఆరు నెలగా మరో రెండు ఏంకే ఇవ్వడం నిర్వహించారు.



SVIMS emergency wing in for major revamp

V PRADHEEP KUMAR TIRUPATI

GOOD news of residents of Tirupati who are seeking medical care, Sri Venkateswara Institute of Medical Sciences (SVIMS) emergency wing will not send any patient back on account of bed shortage or any other such reasons. Fortunately, this is the experience the institute is providing to the patients for the past one month.
The management under the leadership of its new Director-cum- Vice Chancellor Dr R V Kumar has focused on providing uninterrupted care to patients. Accordingly, now at any given moment four

- Any admitted patient will be sent to concerned ICU or discharged if admission is not necessary within 4-6 hours
An EMD vigilance committee is constituted to address any issues like lack of bed availability etc

beds will be vacant at the emergency wing and those admitted will be diagnosed in 4-6 hours. Continued on Page 7

SVIMS emergency wing in for major revamp

Continued from front page
In an exclusive interview to Hans India, Dr RV Kumar said that the idea was to send patients admitted in the casualty to concerned intensive care wings before six hours and if there is no problem for them, they will be discharged. So, there will be no question of refusing treatment for any patient because of the non-availability of bed.
To ensure this, a vigilance committee of the Emergency Medical Dispatch has been constituted under the leadership of Professor of Oncology. The committee is available throughout the day to address any grievances. During non-working hours, patients can call a number to be displayed soon on all notice boards to get their grievances addressed.
"There will be strict moni-

toring and transparency on dealing with the patients at the triage. The ambience will be changed soon. There will be immediate reception and triage with consulting rooms where patients can sit comfortably to get preliminary treatment and undergo diagnosis of their problem. A register is being maintained to record the moments at every stage. There is a will to change and implement all these things without confining them to words," the Director said.
Also, TTD and SVIMS managements are very serious on this particular aspect and for that only a responsible system has been evolved. In the same line, Dr Reddeppa Reddy in his capacity as special officer has been concentrating on the amenities in the hospital.

N
E
W
SVIMS



TIRUMALA TIRUPATI DEVASTHANAMS

SRI VENKATESWARA INSTITUTE OF MEDICAL SCIENCES (SVIMS)- TIRUPATI



SVIMS RELATED NEWS IN MEDIA Department of Public Relations

SVIMS sets sights on 'national importance' tag

Sandeep.Raghavan
@timesgroup.com

Tirupati: Sri Venkateswara Institute of Medical Sciences (SVIMS), the tertiary care referral centre in the temple city of Tirupati, is hoping to get the prestigious 'Institute of National Importance' status from the central government in the coming days. The Tirumala Tirupati Devasthanams, which recently took over the administrative reins of the super-speciality hospital from the control of the state government, plans to modernise the facility and recently approved ₹198 crore towards the project to transform it into a centre of excellence.

SVIMS director and vice-chancellor, Dr RV Kumar, said a comprehensive transformation of the existing facility is the need of the hour to cater to the healthcare needs of people, particularly from the Ray-



The hospital, established about three decades ago, has 41 specialities

alaseema region of the state. "The hospital was established about three decades ago. It currently has about 41 medical specialities, but there is an urgent need for realignment of the existing specialities to better suit the changing times and needs of the patients. Aligning the cardiology and cardio-surgery departments, neurology and neurosurgery, and oncology and surgical oncology are

our priority now," he said.

The bed strength of the emergency ward at SVIMS is proposed to be doubled and a state-of-the-art emergency and trauma care centre will be set up to render advanced medical care to the needy. "There were complaints in the past about critical patients coming to the emergency ward being turned away. We have now put in place a mechanism to ensure that

every single patient coming to the emergency ward is admitted and properly treated," Dr Kumar added.

The TTD trust has also decided to provide 'near-free' treatment to poor patients at Sri Padmavathi medical college hospital, which is situated within the SVIMS premises. "Padmavathi medical college is one of very few women's medical colleges in the country that offers admissions to 175 students purely on merit basis. Because there is a central quota, students from across the country pursue medicine here. There are about 50 medical PG seats and about 50 seats under super-speciality courses category," Dr Kumar said, adding they expect the central government to provide the necessary impetus to transform SVIMS into a centre of excellence by according it the status of 'Institute of National Importance'.

N

E

W

SVIMS

SVIMS ACTIVITIES - 2023

మూర్త వ్యాధిపై అవగాహన కార్యక్రమాలు



తొలిసారి వీడి, ఫిబ్రవరి 18 మూర్త వ్యాధిపై ప్రాథమిక అవగాహన కార్యక్రమం

తొలిసారి వీడి, ఫిబ్రవరి 18 మూర్త వ్యాధిపై ప్రాథమిక అవగాహన కార్యక్రమం. 40 కాలేజీ విద్యార్థులు ఆసక్తిగా అంబులెన్స్ వ్యాధిపై వెబ్సైట్ వెంకటేశ్వర ఆస్పత్రిలో ఆంధ్ర ప్రదేశ్ లోని మూర్త వ్యాధి నివారణ దినాన్ని ఘనంగా నిర్వహించి స్వచ్ఛందంగా అవగాహన కార్యక్రమాలు నిర్వహించారు. ఆలోచనాత్మకంగా విద్యార్థులు వీడియోలను చూడడం ద్వారా వ్యాధిపై అవగాహన పెంచుకున్నారు. వాటిని పాటించితే ఈ వ్యాధిని నివారించుకోవడం సులభం అవుతుందని ఆంధ్ర ప్రదేశ్ లోని మూర్త వ్యాధి నివారణ కమిటీ ప్రకటించింది. వ్యాధి నివారణ కమిటీ ప్రకటించింది.

SVIMS medical students put their best foot forward at sports meet



SVIMS medical students put their best foot forward at sports meet

SVIMS medical students put their best foot forward at sports meet. The students participated in various sports activities and showed great enthusiasm and teamwork.

మూర్త వ్యాధి గ్రస్తులకు అండగా టీటీడీ



మూర్త వ్యాధి గ్రస్తులకు అండగా టీటీడీ

మూర్త వ్యాధి గ్రస్తులకు అండగా టీటీడీ. The organization provides support and resources for patients and their families, ensuring they receive the best care possible.

స్వచ్ఛందంగా రాష్ట్ర స్థాయి జూనోసెస్ సమావేశం



స్వచ్ఛందంగా రాష్ట్ర స్థాయి జూనోసెస్ సమావేశం

స్వచ్ఛందంగా రాష్ట్ర స్థాయి జూనోసెస్ సమావేశం. The meeting was held to discuss the progress of the organization and to plan for the future. It was a successful event with many valuable discussions and decisions.

వేడుకగా స్విమ్మీ 30వ వ్యవస్థాపక దినోత్సవం



వేడుకగా స్విమ్మీ 30వ వ్యవస్థాపక దినోత్సవం

వేడుకగా స్విమ్మీ 30వ వ్యవస్థాపక దినోత్సవం. The organization celebrated its 30th anniversary with a series of events, including a conference and a cultural program. The events were held in a grand manner and were attended by many guests.

నేటి ఆధునిక సమాజంలో స్త్రీలు సాధించలేనిది లేదు

- స్విమ్మీలో ఘనంగా అంతర్జాతీయ మహిళా దినోత్సవం



నేటి ఆధునిక సమాజంలో స్త్రీలు సాధించలేనిది లేదు

నేటి ఆధునిక సమాజంలో స్త్రీలు సాధించలేనిది లేదు. The event was held to celebrate the achievements of women and to raise awareness about the challenges they face. It was a successful event with many valuable discussions and decisions.

స్వచ్ఛందంగా ప్రపంచ కిడ్నీ దినోత్సవం

తొలిసారి వీడి, ఫిబ్రవరి 9 (ప్రపంచాన్ని) గురువారం ప్రపంచ కిడ్నీ దినోత్సవం నిర్వహించారు. స్వచ్ఛందంగా ప్రపంచ కిడ్నీ దినోత్సవం నిర్వహించారు. The event was held to raise awareness about kidney health and to encourage people to get their kidneys checked.



స్వచ్ఛందంగా ప్రపంచ కిడ్నీ దినోత్సవం

స్వచ్ఛందంగా ప్రపంచ కిడ్నీ దినోత్సవం. The event was held to raise awareness about kidney health and to encourage people to get their kidneys checked. It was a successful event with many valuable discussions and decisions.

దేశంలో వ్యాప్తి చెందుతున్న జూనోటిక్ వ్యాధి

దేశంలో వ్యాప్తి చెందుతున్న జూనోటిక్ వ్యాధి. The disease is spreading rapidly across the country and is causing significant health problems. It is important to take steps to prevent the spread of the disease and to provide support for those affected.



SVIMS ACTIVITIES - 2023

స్వీమ్స్ కు దేశ వేలూర విరాళం

విదేశీ విరాళం మొదలైనది - స్వీమ్స్ కు దేశ వేలూర విరాళం మొదలైనది. ఈ విరాళం ద్వారా స్వీమ్స్ కు అభివృద్ధి చెందే అవకాశం ఉంది. ఈ విరాళం ద్వారా స్వీమ్స్ కు అభివృద్ధి చెందే అవకాశం ఉంది.

పెరుగుతున్న రోగుల సంఖ్యకు అనుగుణంగా వనరులను పెంచుకోవాలి

LEADCON '23 - పెరుగుతున్న రోగుల సంఖ్యకు అనుగుణంగా వనరులను పెంచుకోవాలి. ఈ కార్యక్రమం ద్వారా రోగుల సంఖ్యను పెంచుకోవాలి.

LEADCON 2023 to focus on hazards of lead exposure

The conference aims to spread awareness on lead safety and hygiene through best-in-class initiatives

రోగుల సంఖ్యకనుగుణంగా మానవ వనరులు

పెరుగుతున్న రోగుల సంఖ్యకు అనుగుణంగా మానవ వనరులు పెంచుకోవాలి. ఈ కార్యక్రమం ద్వారా రోగుల సంఖ్యను పెంచుకోవాలి.

వైద్యరంగంలో నర్సింగ్ వృత్తి మహోన్నతమైనది

వైద్యరంగంలో నర్సింగ్ వృత్తి మహోన్నతమైనది. ఈ కార్యక్రమం ద్వారా నర్సింగ్ వృత్తిని మహోన్నతమైనదిగా చేయాలి.

4-day training programme begins at SVIMS

A 4-day training programme has begun at SVIMS. The programme aims to improve the skills of the staff and provide better care to the patients.

స్వీమ్స్ లో అభివృద్ధి చెందుతున్న సమాచారం

స్వీమ్స్ లో అభివృద్ధి చెందుతున్న సమాచారం. ఈ కార్యక్రమం ద్వారా స్వీమ్స్ లో అభివృద్ధి చెందుతున్న సమాచారం.

పాగాకు వాడకం వల్ల మిలియన్ల సంఖ్యలో చనిపోతున్నారు

పాగాకు వాడకం వల్ల మిలియన్ల సంఖ్యలో చనిపోతున్నారు. ఈ కార్యక్రమం ద్వారా పాగాకు వాడకం వల్ల మిలియన్ల సంఖ్యలో చనిపోతున్నారు.

గణసమీక్షలకి సాంఘిక సమస్యలను స్వీమ్స్ లో

గణసమీక్షలకి సాంఘిక సమస్యలను స్వీమ్స్ లో. ఈ కార్యక్రమం ద్వారా గణసమీక్షలకి సాంఘిక సమస్యలను స్వీమ్స్ లో.

'SVIMS, IEA doing yeoman service to epileptic patients'

SVIMS, IEA doing yeoman service to epileptic patients. The organization is providing excellent care to the patients and helping them to lead a better life.

స్వీమ్స్ లో క్లిష్టమైన ప్లాస్టిక్ సర్జరీ

స్వీమ్స్ లో క్లిష్టమైన ప్లాస్టిక్ సర్జరీ. ఈ కార్యక్రమం ద్వారా స్వీమ్స్ లో క్లిష్టమైన ప్లాస్టిక్ సర్జరీ.

స్వీమ్స్ లో ఘనంగా అంతర్జాతీయ యోగా దినోత్సవం

స్వీమ్స్ లో ఘనంగా అంతర్జాతీయ యోగా దినోత్సవం. ఈ కార్యక్రమం ద్వారా స్వీమ్స్ లో ఘనంగా అంతర్జాతీయ యోగా దినోత్సవం.

Introduce telemedicine services in nephrology wing; TTD EO

Introduce telemedicine services in nephrology wing; TTD EO. The organization is providing telemedicine services to the patients and helping them to lead a better life.

స్వీమ్స్ లో సర్జరీ చేసుకున్న చిన్నారులతో వైద్య బృందం సూపర్ టెండ్

స్వీమ్స్ లో సర్జరీ చేసుకున్న చిన్నారులతో వైద్య బృందం సూపర్ టెండ్. ఈ కార్యక్రమం ద్వారా స్వీమ్స్ లో సర్జరీ చేసుకున్న చిన్నారులతో వైద్య బృందం సూపర్ టెండ్.

SVIMS NEWS

SVIMS NEWS. The organization is providing excellent care to the patients and helping them to lead a better life.

SVIMS ACTIVITIES - 2023

స్వీమ్స్ లో ముఖహాజరు విధానం ప్రారంభం

అధ్యక్షుడు డాక్టర్ వై.వి.వి.వెంకటేశ్వర్లు ప్రధాన అతిథిగా ముఖహాజరు విధానం ప్రారంభించారు. ఈ సందర్భంగా డాక్టర్ వై.వి.వి.వెంకటేశ్వర్లు ప్రధాన అతిథిగా ముఖహాజరు విధానం ప్రారంభించారు. ఈ సందర్భంగా డాక్టర్ వై.వి.వి.వెంకటేశ్వర్లు ప్రధాన అతిథిగా ముఖహాజరు విధానం ప్రారంభించారు.



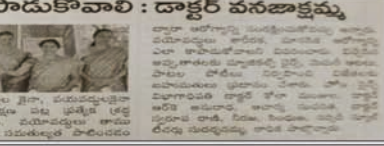
స్వీమ్స్ మేక్రొబయాలజీ విభాగాన్ని సందర్శించిన డబ్ల్యూ హెచ్.ఎస్. ప్రతినిధి

ప్రతినిధి డాక్టర్ వై.వి.వి.వెంకటేశ్వర్లు ప్రధాన అతిథిగా ముఖహాజరు విధానం ప్రారంభించారు. ఈ సందర్భంగా డాక్టర్ వై.వి.వి.వెంకటేశ్వర్లు ప్రధాన అతిథిగా ముఖహాజరు విధానం ప్రారంభించారు.



వయోవృద్ధులు ఆరోగ్యాన్ని కాపాడుకోవాలి : డాక్టర్ వనజాక్షయ్య

డాక్టర్ వనజాక్షయ్య ప్రధాన అతిథిగా ముఖహాజరు విధానం ప్రారంభించారు. ఈ సందర్భంగా డాక్టర్ వనజాక్షయ్య ప్రధాన అతిథిగా ముఖహాజరు విధానం ప్రారంభించారు.



స్వీమ్స్ లో నిరంతర వైద్య విద్యా కార్యక్రమం విజయవంతం

స్వీమ్స్ లో నిరంతర వైద్య విద్యా కార్యక్రమం విజయవంతం. డాక్టర్ వనజాక్షయ్య ప్రధాన అతిథిగా ముఖహాజరు విధానం ప్రారంభించారు.



అధ్యక్షుడు డాక్టర్ వై.వి.వి.వెంకటేశ్వర్లు స్వీమ్స్ లో నిరంతర వైద్య విద్యా కార్యక్రమం విజయవంతం

అధ్యక్షుడు డాక్టర్ వై.వి.వి.వెంకటేశ్వర్లు ప్రధాన అతిథిగా ముఖహాజరు విధానం ప్రారంభించారు. ఈ సందర్భంగా డాక్టర్ వై.వి.వి.వెంకటేశ్వర్లు ప్రధాన అతిథిగా ముఖహాజరు విధానం ప్రారంభించారు.



స్వీమ్స్ లో మాస్టర్ హార్ట్ చికన్ ప్యాకేజీలు

స్వీమ్స్ లో మాస్టర్ హార్ట్ చికన్ ప్యాకేజీలు. డాక్టర్ వనజాక్షయ్య ప్రధాన అతిథిగా ముఖహాజరు విధానం ప్రారంభించారు.



స్వీమ్స్ కు ఐదు హైద్రాలిక్ స్ట్రెచర్ల వితరణ

స్వీమ్స్ కు ఐదు హైద్రాలిక్ స్ట్రెచర్ల వితరణ. డాక్టర్ వనజాక్షయ్య ప్రధాన అతిథిగా ముఖహాజరు విధానం ప్రారంభించారు.



కాన్సర్ రహిత జలాయ్ లక్ష్యం: కన్సర్ ఫ్రీ జలాయ్ లక్ష్యం

కాన్సర్ రహిత జలాయ్ లక్ష్యం: కన్సర్ ఫ్రీ జలాయ్ లక్ష్యం. డాక్టర్ వనజాక్షయ్య ప్రధాన అతిథిగా ముఖహాజరు విధానం ప్రారంభించారు.



కాన్సర్ వ్యాధి పై అవగాహన కలిగి ఉండాలి

కాన్సర్ వ్యాధి పై అవగాహన కలిగి ఉండాలి. డాక్టర్ వనజాక్షయ్య ప్రధాన అతిథిగా ముఖహాజరు విధానం ప్రారంభించారు.



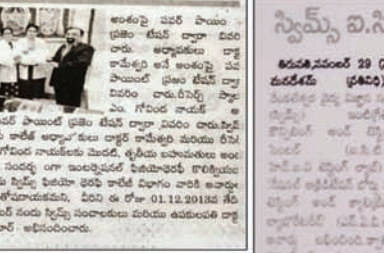
స్వీమ్స్ లో ఉచితంగా కంటి ఆపరేషన్లు

స్వీమ్స్ లో ఉచితంగా కంటి ఆపరేషన్లు. డాక్టర్ వనజాక్షయ్య ప్రధాన అతిథిగా ముఖహాజరు విధానం ప్రారంభించారు.



స్వీమ్స్ యూనివర్సిటీ ఫెల్యూషిప్ విభాగం నైపుణ్య కౌంటర్ నెట్వర్క్-2023 ఫెల్యూషిపులు

స్వీమ్స్ యూనివర్సిటీ ఫెల్యూషిప్ విభాగం నైపుణ్య కౌంటర్ నెట్వర్క్-2023 ఫెల్యూషిపులు. డాక్టర్ వనజాక్షయ్య ప్రధాన అతిథిగా ముఖహాజరు విధానం ప్రారంభించారు.



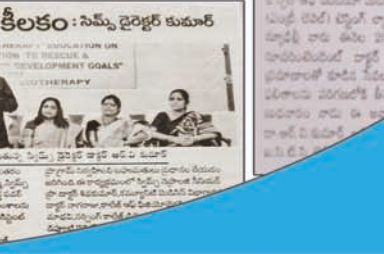
స్వీమ్స్ ఐ.సి.టి.సి కి ఎన్.ఐ.బి.ఎల్ అవార్డు

స్వీమ్స్ ఐ.సి.టి.సి కి ఎన్.ఐ.బి.ఎల్ అవార్డు. డాక్టర్ వనజాక్షయ్య ప్రధాన అతిథిగా ముఖహాజరు విధానం ప్రారంభించారు.



పాలియేటివ్ కేర్రలో నర్సింగ్ పాత్ర కీలకం : సీమ్స్ డైరెక్టర్ కుమార్

పాలియేటివ్ కేర్రలో నర్సింగ్ పాత్ర కీలకం : సీమ్స్ డైరెక్టర్ కుమార్. డాక్టర్ వనజాక్షయ్య ప్రధాన అతిథిగా ముఖహాజరు విధానం ప్రారంభించారు.



అధ్యక్షుడు డాక్టర్ వై.వి.వి.వెంకటేశ్వర్లు స్వీమ్స్ లో నిరంతర వైద్య విద్యా కార్యక్రమం విజయవంతం

అధ్యక్షుడు డాక్టర్ వై.వి.వి.వెంకటేశ్వర్లు ప్రధాన అతిథిగా ముఖహాజరు విధానం ప్రారంభించారు. ఈ సందర్భంగా డాక్టర్ వై.వి.వి.వెంకటేశ్వర్లు ప్రధాన అతిథిగా ముఖహాజరు విధానం ప్రారంభించారు.



SVIMS NEWS



National Accreditation Board for Hospitals & Healthcare Providers

(Constituent Board of Quality Council of India)

CERTIFICATE OF ACCREDITATION

Sri Venkateswara Institute of Medical Sciences

Alipiri Road Alipiri, Tirupati
Chittoor - 517507, Andhra Pradesh

has been assessed and found to comply with NABH Accreditation Standards for Hospitals. This certificate is valid for the Scope as specified in the annexure subject to continued compliance with the accreditation requirements.

Valid from : January 06, 2022
Valid thru : January 05, 2025



H-2022-0891

Certificate No.
H-2022-0891

Dr. Atul Mohan Kochhar
Chief Executive Officer

National Accreditation Board for Hospitals & Healthcare Providers, 5th Floor, ITPI Building, 4A, Ring Road, IP Estate, New Delhi 110 002, India
Phone: +91-11-42600600, Fax: +91-11-2332 3415 • Email: helpdesk@nabh.co • Website: www.nabh.co



SI No. **006561**

006561

NABH

NABH and the NABH Accreditation Standards for Hospitals are ISQua Accredited



TIRUMALA TIRUPATI DEVASTHANAMS, TIRUPATI
SRI VENKATESWARA INSTITUTE OF MEDICAL SCIENCES



మానవశేవే మాధవశేవ

SVIMS A COMMITMENT TO PROGRESS

