SVIMS SILVER JUBILEE YEAR 1993 - 2018

ANNUAL REPORT 2017

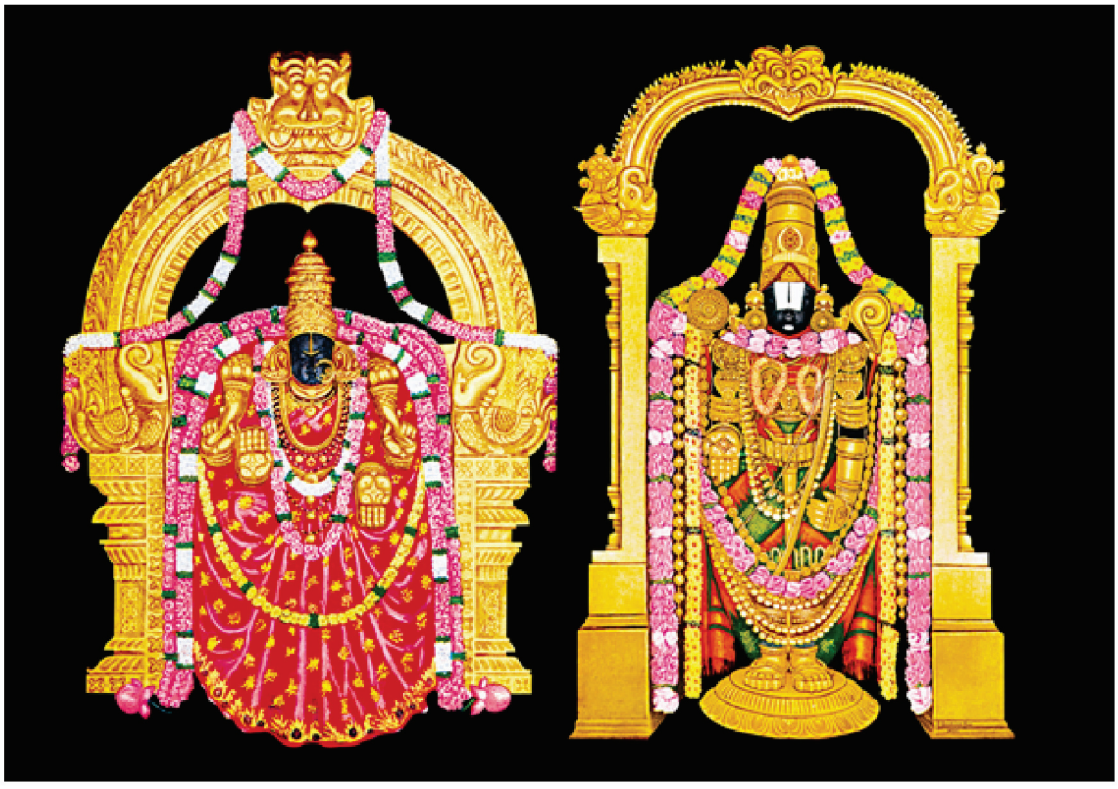
SRI VENKATESWARA INSTITUTE OF MEDICAL SCIENCES

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

Website:http://svimstpt.ap.nic.in

TIRUMALA TIRUPATI DEVASTHANAMS, TIRUPATI

ANNUAL REPORT 2017



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TIRUMALA TIRUPATI DEVASTHANAMS, TIRUPATI

మంగళాచరణము
मङ्गलाचरणम्

श्रीनिवासो विजयते

శ్రీనివాసో విజయతే

समस्तजननीं वन्दे चैतन्यस्तन्यदायिनीम्।
श्रेयसीं श्रीनिवासस्य करुणामिव रूपिणीम्।। (दयाशतकम्-6)

సమస్తజననీం వన్దే 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.

गुरोरधीताखिलवैद्यविद्य: पीयूषपाणि: कुशल: क्रियासु।
गतस्पृहो धैर्यधर: कृपालु: शुद्धोधिकारी भिषगीदृश: स्यात् ।। (सुभाषितसुधास्त्रभाण्डागारे)

గురోరధీతాఖిలవైద్య విద్యుः పీయూషపాణిः కుశలः క్రియాసు।
గతస్పృహో ధైర్యధరः కృపాళుः శుద్ధోధికారీ భిషగీదృశः స్యాత్ ॥ (సుభాషితసుధారత్నభాణ్డాగారే)

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

शरीरे जर्झरीभूते व्याधिग्रस्ते कलेबरे।
औषधं जाह्नवी तोयं वैद्यो नारायणो हरि: ।। (सुभाषितरत्नभाण्डागारे)

శరీరే జర్ఝరీభూతే వ్యాధిగ్రస్తే కళేబరే ।
ఔషధం జాహ్నవీ తోయం వైద్యో నారాయణో హరిः ॥ (సుభాషితరత్నభాణ్డాగారే)

శరీరం శిథిలమైనపుడు, శరీరం వ్యాధిగ్రస్తమైనపుడు ఔషధమే గంగాజలం, వైద్యుడే సాక్షాత్తు శ్రీమన్నారాయణుడు

दीर्घमायु: स्मृतिं मेधाम् आरोग्यं तरुणं वय:।
प्रभावर्णस्वरौदार्य देहेन्द्रियबलं परम्।।
वाक्सिद्धिं प्रणतिं कान्तिं लभते ना रसायनात्।। (चरकसंहितं-अध्याय-2, पाद:-2, श्लोकौ-7,8)

దీర్ఘమాయుः స్మృతిం మేధామ్ ఆరోగ్యం తరుణం వయः ।
ప్రభావర్ణస్వరౌదార్యం దేహేన్ద్రియబలం పరమ్ ॥
వాక్సిద్ధిం ప్రణతిం కాన్తిం లభతే నా రసాయనాత్ ॥ (చరకసంహితా-అధ్యాయ-2, పాదः-2, శ్లోకౌ-7,8)

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

FROM THE DIRECTOR-CUM-VC'S DESK…..

"Namasthe" On behalf of SVIMS family,

What began as a hospital with 6 super specialties to serve the needy, with 200 beds, 24,732 annual outpatient visits with 30 faculty and 165 staff in 1993, SVIMS is now a hospital with 1,094 beds 5,68,108 outpatient visits, super specialty and broad specialty training programs in all specialties, medical/ nursing/ physiotherapy colleges, allied health science programs, research wing and the largest community outreach enterprise in the state, with about 200 faculty and over 2200 staff. We will soon reach a student strength of 2000!

With the blessings of Lord Balaji, the unwavering support of Tirumala Tirupati Devasthanams & the Government of Andhra Pradesh and the magnanimity of our donors, we made great studies in our mission of health equity, learning innovations, patient oriented research and community outreach through our spirit of service over the last 25 years.

I have great pleasure in presenting this Annual Report for the year 2017. I applaud the collective accomplishment by faculty, nurses, administrative staff, allied health staff and post graduate / undergraduate students.

As we celebrate our silver jubilee in 2018, we look towards the golden years ahead.

In the service of Lord Venkateswara

Dr T.S. Ravikumar
Director-cum-Vice Chancellor

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

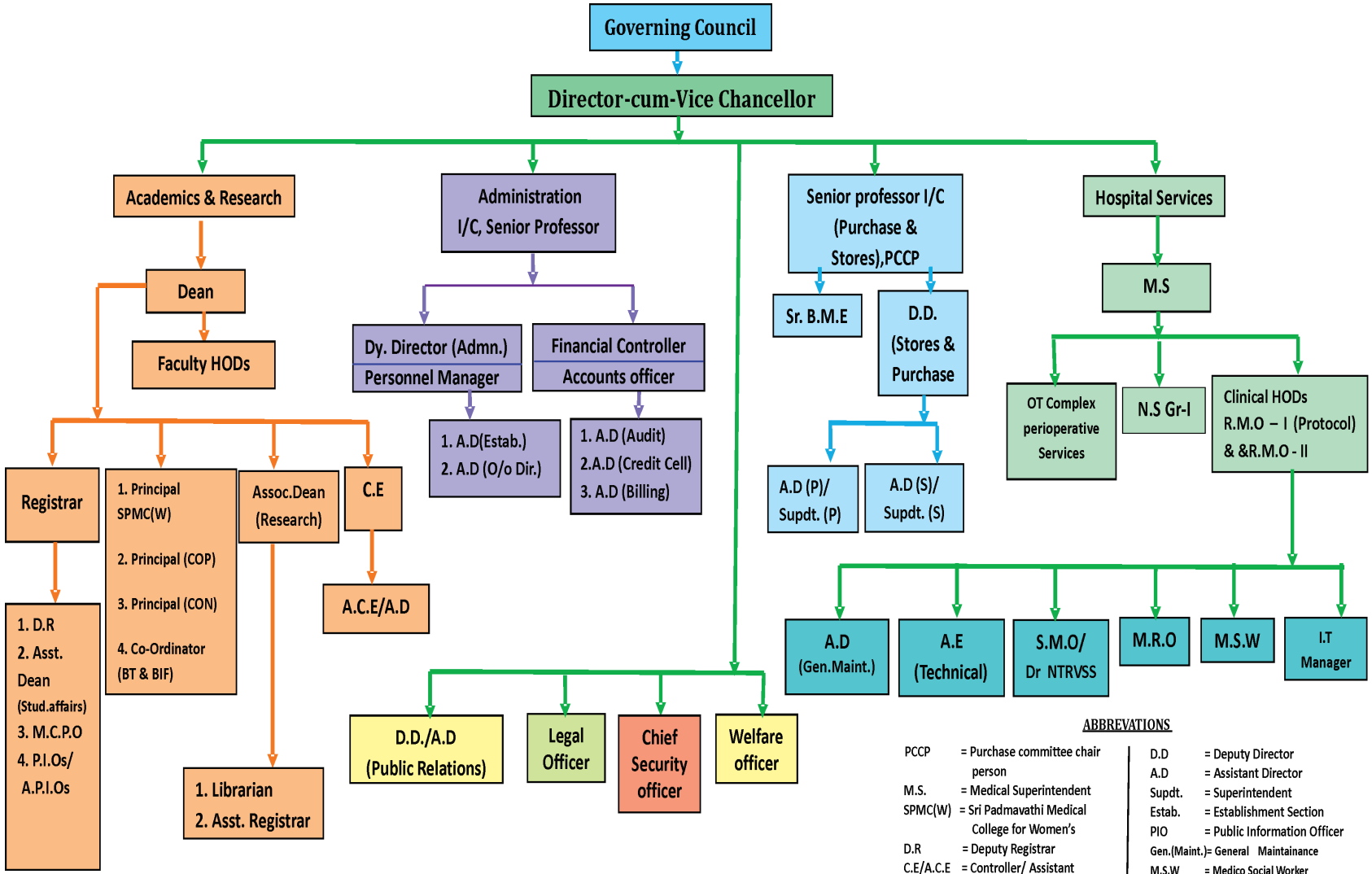
★ "SVIMS family"
★ First in Service…..Best in Practice
★ Punctuality
★ Ownership & Loop closure
★ Stakeholder experience to guide progress
★ Quality, Accountability & Transparency

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, Post Graduate and in Super spcialities so as to set a high standard of medical education.**
- **To provide for training in paramedical and allied sciences, including inter-disciplinary fields of physical and biological sciences.**
- **To render service for community health care education needs and to function as a referral hospital.**

SRI VENAKATESWARA INSTITUTE OF MEDICAL SCIENCES::TIRUPATI
ORGANIZATIONAL SETUP



ABBREVATIONS

PCCP	= Purchase committee chair person
M.S.	= Medical Superintendent
SPMC(W)	= Sri Padmavathi Medical College for Women's
D.R	= Deputy Registrar
C.E/A.C.E	= Controller/ Assistant Controller of Examinations
M.C.P.O	= Medical Communication & Publicity Officer
COP	= College of Physiotherapy
CON	= College of Nursing

D.D	= Deputy Director
A.D	= Assistant Director
Supdt.	= Superintendent
Estab.	= Establishment Section
PIO	= Public Information Officer
Gen.(Maint.)	= General Maintainance
M.S.W	= Medico Social Worker
M.R.O	=Medical Records Officer
S.M.O	= Senior Medical Officer
DRNTRVSS	= Dr. NTR Vaidhya Seva Scheme
N.S	= Nursing Superintendent
Sr. B.M.E	= Senior Bio Medical Engineer

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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 2017 is prepared.

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I EXECUTIVE SUMMARY

I Executive summary

1. SVIMS Snap Shot

Hospital	
Beds	1094
Outpatients	5,68,108
Inpatients	40,138
Investigations	20,98,996
Dr. NTR Vaidyaseva :	
Total Credits	Rs. 53.31 Cr
Total Receipts	Rs. 54.88 Cr
S.V.Pranadana Scheme	Rs. 10.68 Cr

Academics (2017-18)	
Admissions	540
Total Students	1765
Total Courses (UG, PG, Super specialty and Allied Health Sciences)	66

Research 2017	
Publications in 2016	128
Extramural Grants	Rs. 4.26 Cr
Sri Balaji Arogya Varaprasadini fund	Rs. 42.70 Cr

Budget (2016-17)	
Budget	Rs. 182.92 Cr
Total Employees :	2328

Patient care services			
Parameter	**2017**	**Increase 2017 Vs 2016**	**%**
Outpatient	568108	79954	16
Inpatient	40138	6138	18
Investigations	2098996	247101	13
Surgeries	10756	1632	17

Comparison of vital statistics			
Parameter	**2017**	**Increase 2017 Vs 2016**	**%**
Bed occupancy rate	79.79	3.94	5
Average length of stay	7.21	0.01	0.1
Total Hospital death rate	3.89	0.21	- 5
Monthly Average Bed Turnover rate	3.87	0.21	6

Community Benefit – Total over the years	
Medical Camps	1081
Total Poor Patients benefitted	619167
Free Clinics	11 / Month

2. Patient care services

SVIMS is providing comprehensive services of high quality at affordable cost, offering tertiary services to the entire state of Andhra Pradesh & neighboring states. Our emphasis is on the poor & the under-served with about 80% of patients below poverty line. Our patient visits and hospital admissions together were at an all time high, crossing 5 lakhs during 2017, serving the population of Rayalaseema & surrounding regions. Along with this overall increase of 16% compared with 2016, our surgery volume was up by 17% and the number of investigations, crossing 20 lakhs also recorded 13% increase compared to prior year.

In order to serve the poor & needy, SVIMS taps into Dr. NTR Vaidya Seva Scheme and SV Pranadana trust to finance its cost of care. SVIMS also provided unreimbursed free care worth about Rs. 30 Crore during 2017 alone, and todate, a total of Rs. 180 crores worth of free care has been provided, adding to the community benefit. A record number of 1081 free camps have been conducted so far during the last two decades, benefiting over 6 lakh poor patients.

New facilities added

3.1 Inaugurating dialysis Unit: The Hon'ble Union Minister for Urban Development, Sri M. Venkaiah Naidu has inaugurated the largest dialysis unit in India under one roof newly built by TTD with Rs. 6.6 crores. It is commissioned with 60 machines on 18.01.17 and will be expanded to 100 sequentially. It is operated by Nephro plus under PPP mode.

3.2. SVIMS - Sri Padmavathi Medical College Hospital

The newly constructed SVIMS-Sri Padmavathi Medical College hospital (650 bed strength) was inaugurated by the Hon'ble President of India, Sri Ram Nath Kovind on 01-09-2017. Hon'ble Chief Minister of Govt. of Andhra Pradesh, Sri Nara Chandrababu Naidu and Hon'ble Governor of Govt. of Andhra Pradesh and Telangana, Sri E.S.L. Narasimhan and Hon'ble Health Minister, Dr Kamineni Srinivas attended the inaugural function.

Hon'ble President of India during the inaugurating of SVIMS - Sri Padmavathi Medical College hosptial on 01.09.2017. Hon'ble Chief Minister, Hon'ble Governor Govt. of AP & Telangana, Hon'ble Health Minister are also seen.

The OP & IP services in the specialties of General Medicine, General Surgery, Obstetrics & Gynecology, Pediatrics, Ophthalmology, E.N.T, Dermatology, Dental Surgery, TB & Chest and Psychiatry are presently housed in the new hospital building developed by APMSIDC with an estimated cost of Rs.98.86 crores.

4.0 Academic Activities

Since 2003, SVIMS is running several broad and super-specialty courses recognized/permitted by MCI, Ph.D programme, as well as UG / PG / Diploma courses in Nursing, Physiotherapy and Paramedical courses. For the academic year 2017-18, 540 students were admitted in 67 academic programmes: 59 postgraduate students, out of which 36 in 10 Broad specialties (MD); 13 in 5 Super-specialty medical branches (DM); and 10 in 5 Surgical branches (MCh). A total of 1765 students are at present in the University campus – an all time high!

Sri Padmavathi Medical College for Women (SPMC-W) was started with 150 MBBS admissions from 2014-15 academic year. Currently, 4 batches of 150 students in each batch are in SVIMS.

4.1 Girls Hostel

Sri M. Venkaiah Naidu, Union Minister & Vice President elect and Sri Kamineni Srinivas, Hon'ble Minister for Health & Medical Education inaugurated SVIMS-SPMC(W) women's hostel, Indo-US National Electrophysiology Workshop and laid foundation stone for seven building projects of SVIMS SPMC(W) & launched the Institute of Cardiac Sciences on 07.08.17.

The new girls hostel for MBBS women students is equipped with 144 rooms (72 rooms single occupancy and 72 rooms triple occupancy) and supporting facilities. The hostel building was constructed at the cost of Rs.16.4 crores.

During the academic year 2016-17, the following degrees were awarded:

S.No.	Degrees awarded – category wise	Total
1.	Undergraduates in Nursing, Physiotherapy, Allied Health Sciences	217
2.	Postgraduates in Nursing, Physiotherapy, Allied Health Sciences	56
3.	Postgraduates in Medicine (Broad & Super specialities)	43
4.	Ph.D	6
	Total	**322**

5.0. Honors

Dr Alok Sachan, Professor & Head, Department of Endocrinology, **Dr K.Madhavi,** Principal i/c College of Physiotherapy and **Dr PVGK Sarma,** Assoc. Prof, Biotechnology, were awarded with ***Andhra Pradesh State Best Teacher Award*** at University Level from Govt. of AP during the teachers day celebration held at Vijayawada on 5th September 2017.

Dr BCM Prasad, Prof. & HoD and **Dr VV Ramesh Chandra,** Professor, Dept. of Neurosurgery were the finalists in the category ***"Surgical Team of the year 2017 BMJ South Asia Award"*** during the meeting held on 18.11.2017 at New Delhi.

Indian American Medical Association, ILLINOIS conferred Dr.T.S.Ravikumar with **"USA Recognition Award"** for his outstanding contribution in the field of Surgical Oncology.

Dr.Tapas Dasgupta, President of IAMA IL,USA and Dr.Vemuri S.Murthy, President of Chicago Medical Society with Dr.Ravikumar.

Dr. R. Ram, Prof. of Nephrology was awarded International Fellowship by Royal College of Physicians (FRCP), London. He was given this prestigious award for his work done in the field of nephrology.

Dr. Silpa Kadiyala, Assoc. Prof. of Radiology was presented the FRCR degree at the convocation of Royal college held in West Minister, London.

Dr T.S. Ravikumar, Director-cum-Vice Chancellor was honored as invited guest faculty in ***Harvard Global Health Institute*****,** version 2.0 Harvard on line course, titled "Improving Global Health: Focusing on quality and safety in 2017".

He was also invited as honored speaker at the Harvard Quality symposium "Improving Health system quality in India", on November 29-30th at Harvard Global Health Institute – Harvard India Centre, Mumbai.

He was also appointed as member Governing Council, Association of Indian Universities, New Delhi.

Dr R. Ram

Dr. Silpa Kadiyala

Dr Subhashini and Dr Kamalakar Reddy Endowment Award

a. For the best original article published in the year 2016 is given to **Dr Mohan A** on 26.2.2017 titled: "Derivation & validation of glycosylated haemoglobin (HbA(1c)) cut-off value as a diagnostic test for type 2 diabetes in south India population". Indian J Med Res 2016 Aug;144(2):220-8.

b. For the best Case Report published in the year 2016 is given to **Dr Prasad B.C.M** on 26.2.2017 titled : "Auto Amputation of Fingers, a Rare Presentation of Tethered Cord after Early Repair of Cervicothoracic Myelomeningocele". India J Neurosurg 2016;00:1-3.

6.0 A Book on Mathematics for Medicos Released

A book titled "Mathematical Computations in Medical Biochemistry" authored by Dr. P.V.L.N. Srinivasa Rao, Dean, Senior Professor and Head, Dept. of Biochemistry, Sri Venkateswara Institute of Medical Sciences (SVIMS) was released during the inaugural function of the 25th annual conference of "Association of Medical Biochemists of India" (AMBICON) at Mysuru on 17th November 2017. The book was released in commemoration of the Association's

Silver Jubilee year as part of "Foundation Series" publications. The book addresses the mathematical knowledge required by the medical professionals especially medical biochemistry students. The book aims to impart practical knowledge about mathematics and computer applications relevant to medical professionals and laboratory physicians

7.0. Research

7.1 SVIMS continue to contribute significantly towards basic, applied and clinical research. The faculty receive grants from national & international agencies as well as through SBAVP scheme funded by TTD. During this year, our faculty & students published 128 papers, postgraduates submitted 51 theses and 68 dissertation works. So far, the faculty & residents have published 1671 papers in reputed journals.

7.2 Center for Advanced Research [CfAR] was launched in SVIMS on 02-06-2017. This advanced research facility was launched by **Sri Rajiv Shrigopal Bajaj, Director, M/s Vital Laboratories Pvt. Ltd.** Mumbai who made a donation of Rs.12 crores under Sri Balaji Arogya Vara Prasadini scheme towards establishing the facility.

The building is already under construction and is expected to be completed in the next few months, around the silver jubilee foundation day, February 2018. Each of the floors will be on one of the six (06) longitudinal research themes articulated in SVIMS Roadmap. It will catalyze all types of patient oriented research and population health research.

CfAR is built as ground + 2 floors within a total plinth area of 43,692 sq.ft. with future plan for additional construction of two more floors..

The ground floor will have dry labs for population research, outcome research, health services research, bio- statistics, data management and clinical research. The 1st floor will house Infection, Inflammation and Immunity research theme: Viral Research and Diagnostic Laboratories [VRDL], Hospital acquired infection, Antimicrobial resistance research and Molecular Virology of cancer section. The 2nd floor will house Stem Cell Biology, Regenerative, Medicine and Pancreatic Islet Cell Laboratory. Laboratory for Bioinformatics, Biotechnology may be moved partially from the current building into the CfAR building, pending availability of space in second floor.

Sri Rajiv Shrigopal Bajaj, Director, M/s Vital Laboratories Pvt. Ltd . is seen speaking in the CfAR inauguration programme

8.0 Collaborations and Memoranda of Understanding (MOU's)

In the year 2017, SVIMS actively sought MOUs & collaborations in pursuit of excellence in many fields

8.1 **International Society of Cardiovascular Ultrasound,** USA (Dr. Navin C.Nanda, President) and Nephrocare Health Service Pvt. Ltd., (V. Vikram, CEO, Nephroplus) and Dr NTR Vaidya Seva Trust, Govt. of AP (A. Ravi Sankar, CEO) for promotion and development of collaborative research, academic exchange programmes of mutual interest and benefit.

8.2 **Narayana Medical College & Hospital, Nellore** executed an MOU for collaborative learning and teaching, development of academic programmes, collaborative research.

8.3 **Sri Padmavathi Mahila Visvavidyalayam (Women's University) Tirupati and SVIMS** entered an MOU for exchange of academic staff, students, collaborative research organization of joint academic symposia.

8.4 **M/s Lucid Medical Diagnostics Pvt. Ltd,Hyderabad** for better patient services in the field of Diagnostics in PPP mode by installation of 128 slice C.T. Scanner in Radiology Department on 26th December 2017.

8.5 **Membership agreement between the Panamerican Trauma Society and SVIMS** as part of a scientific interaction between the two. PTS is a society with the mission of developing an international forum for the sharing of information in relation to the management and care of the trauma patient between all the countries in North & South America and also other countries.

SVIMS is the nodal site for India under its MoU and conducted three academic sessions during this year on the topics i) Blast Injury Abdomen (21.01.2017), ii) Blunt Injury Abdomen (06.06.2017) and iii) Stab Wounds – Thoraco Abdomen & Upper Extremity (21.07.2017), Presented by Dr V. Venkatarami Reddy, Associate Professor, Surgical Gastroenterology. They were live telecast live from Ryder Trauma Center – Miami USA to all PTS members globally.

SVIMS entering MOU with PTS

SVIMS presenting in PTS – Telegrand rounds shown internationally

9.0. New initiatives

9.1 Contribution to 104th Indian Science Congress: As part of the 104th Indian Science congress held in January 2017 at Tirupati, one of the sessions, "Medical Sciences including Physiology" was organized at SVIMS. About 125 scientific presentations, 150 posters were displayed. Dr Somanth Ray, Dr Amit Pai were acted as sectional presidents, Director-cum-VC SVIMS, as Convener and Dr PVLN Srinivasa Rao as Nodal officer.

A stall was opened in the ISC exhibition at SVU premises on CPR, BLS, First Aid on heart attack, awareness programme on multi organ donation by the faculty of Cardiology, Anaesthesiology, Nursing and Medico Social team. Further free investigations like BP, Blood sugar, BMI were offered to all the visitors. About 360 doctors, Nurses and paramedical staff, 10 ambulances were deployed to the venue of ISC for round the clock medical care to the dignitaries and delegates, all coordinated by SVIMS.

The Hon'ble Minister for Health and Medical Education unveiled the photo exhibition on "Hall of Fame" at SVIMS, SPMC(W) College building. He advised the MBBS students to draw inspiration from women Noble Laureates, take them as role models, excel in research in their field and set high targets such as winning Noble prize in the coming days. Students should take Mother Terasa as inspiration in doing services to the patients.

9.2 Taking on Quality and Patient safety to a new level

SVIMS is getting national & international recognition for its unique initiative in healthcare quality of patient safety. It is the only system in India to voluntarily disclose several quality indicators in public domain in the website: Code Blue, Never events, Healthcare Associated Infections, Mortality rates and Status of biomedical equipments are all depicted for public viewing and kept current. This has received attention from ICMR, Director General acknowledged this innovation in her AIU speech during October 2017 and has been the driver for initiating dialog by Harward Global Health Institute for developing an MoU. This leadership driven, grassroots supported novel programme is designed for finding culturally sound, iterative, rapid – cycle learning solutions for each health system based on evidence informed tenets in healthcare quality and patient safety. All clinical departments are mandated to conduct weekly mortality and morbidity meetings. The non-clinical departments are to hold weekly quality audits. The biomedical engineering department has embarked on quality improvement process to ensure that 99% of all equipments at SVIMS are in working condition. All hospital mortalities are reviewed on daily basis for real time quality improvement tactics.

9.3 Swatchh SVIMS – Swastha Prajaneekam

In-keeping with the "Swatchh Bharat Campaign" of our Hon'ble Prime Minister, SVIMS is committed to develop best practices in terms of Bio medical waste management and clean-green campus, towards a safe work place and healthy campus.

Initiated on 14th October, 2015, this new initiative called "Swatchh SVIMS – Swastha Prajaneekam" was launched with total involvement of all employees and students to clean the campus and put in place a weekly ongoing programme. The campus is divided into 8 zones with allocation of ownership to employee/student groups for weekly cleaning on Saturdays. In keeping with the Swatch Andhra Mission, SVIMS conducts weekly campus cleaning drive on Fridays between 4.00 – 5.00 PM.

9.4 Expanding multi-organ transplant programme at SVIMS

Live donor kidney transplantation is ongoing for the last few years at SVIMS. Deceased donor (cadaver) transplant programme has been implemented both to retrieve and distribute organs throughout the state and neighboring states (Kidney, Liver, Heart, Cornea). So far, 4 deceased donors have donated organs of which 8 kidneys, 4 hearts and 3 livers were distributed to various hospitals. Jeevandan Help desk was started in July 2016. About 500 volunteers (Students, Staff, Faculty & Public) pledged their organs in the presence of the Hon'ble Minister for Health & Medical Education on 12th July 2016. At 104th Indian Science Congress during

3-7, Jan 2017, 384 members were registered as donors at voluntary organ donation registration stall. The Govt. of A.P. renewed the recognition of live kidney transplantation for a period of 5 years w.e.f. 02.08.2017. Plans are underway to start Bone Marrow & Liver Transplantation, to be followed by Cardiac and Lung transplantation. A collaboration with Virginia Commonwealth University, USA was initiated in 2017, to develop Pancreatic Islet Cell Transplantation Laboratory in CfAR building.

9.5 Welfare measures: Awards and cash prizes to the staff and Certificate of Merit was awarded to 41 meritorious employees on the occasion of Republic day held on 26th January, 2017. Additionally, the outsourcing staff – 49 (Skilled, Semi-skilled and Un-skilled category) who contributed their outstanding services to the patient care were awarded cash prizes.

9.6 AIU – SVIMS Roundtable of Vice Chancellors / Deans of Health Sciences Universities

As a major initiative for the Silver Jubilee year, SVIMS hosted a conclave of leaders of health universities in India during October 10-11 2017, under the aegis of Association of Indian Universities, New Delhi. This highly successful national programme will lead to formation of 03 (three) taskforces (governance, education & research) to drive transformation of health universities using collective wisdom of health leaders.

10. Ongoing infrastructure projects

The following projects are in progress in SVIMS campus and all the projects are expected to be completed soon….

Projects with TTD/ SVIMS Funds			Projects with GOAP Funds	
S. No	**Projects/ Buildings**	**Project Cost (in Lakhs)**	**Projects / Buildings related to SPMC(W)**	**Project Cost (in Lakhs)**
1.	Dialysis extension and patients Special Rooms complex	482.70	Providing External Fireyard Hydrant, Fire Fighting and Fire Alarm System for the Hospital Building	77.00
2.	Ultra sound & Mamograpy DSA lab	70.65	Providing Play Grounds and CC road to SPMC	50.00
3.	Moleculor Biology research lab(CfAR)	630.00	Compound wall to SPMC(W)	30.60
4.	Third floor over the existing OPD block	480.00	Additional floors over E&F blocks of Hospital Buildings in SPMC (W)	2322.00
5.	Generator Room	27.00	Providing 10 Nos of Modular OTs of SPMC(W)	360.00
6.	Electrical Substation	62.00	Providing VRV, Ductable AC Units, Cassette AC units for ICU's in SPMC(W) Mortuary Buildings in SPMC(W) Hostel building for Girls (Phase-II) in SPMC(W)	380.00 125.00 1900.00

During the last two years alone (2015-17) SVIMS created over 13 lakh sq.ft. of built infrastructure compared with facilities commissioned during the prior 22 years (1993 - 2014) of about 8 lakh sq.ft. – this is a telling statistic of our trajectory of growth during the last two years !!

The year ends with a bang…….

Implementing the resolution & directive of SVIMS Executive Board, Director-cum-Vice Chancellor issued conditional promotion & appointments to 90 Faculty.

Looking into the future……

In keeping with our Road Map for the next decade, we will focus on efforts to design ten institutes of excellence. All these institutes will deliver multidisciplinary integrated care as destination centers and will bring transformation in many dimensions including education innovations, cross cutting research programs and "Hub to Hut" strategies for care continuum from community to the tertiary facilities.

Digital health, m-health and Internet of Things (IOT) will drive transformation of SVIMS into an "Accountable Health System" developing smart hospital, class rooms of the future and emphasis on quality. We will collaborate with best of breed across disciplines and bench mark us against global best.

The modern day hospital and the hospital of the future will be vastly different from that of the last century. From the role of caring for terminally ill, the hospital has evolved into an entity for restoring health, preserving life and prevention of illness. Precision & excellence in basic tasks & effective communication influences consumer experience more than elaborate amenities. Quality & performance data are central to communicate tactics.

Our KPI should then be rephrased in the following narrative: What are top10 reasons why one should choose SVIMS? That question will be the framework for developing valuable human resources for the nation, instituting patient centered care, driving discoveries for population wellness and delivering value to all our stake holders including our donors.

II SVIMS IN NEWS

SVIMS RELATED NEWS IN MEDIA

Department of Public Relations

NEWS

SVIMS

SVIMS conducts awareness programme on breast cancer

Tirupati. October 31. Dr NTR Vaidyaseva district Coordinator Dr.Harshavardhan, said that women need not panic about breast cancer as it be cured provided if the majady is detected in the early stage itself.

He was speaking at a special awareness programme on breast cancer jointly organized by NTR Vaidyaseva Trust, SVIMS Oncology Department and Surgical Onc... depart-men... day.

...the ...of ...can- ...the ...tor ...as ...re ...d

in India claiming scores of lives every year.

Speaking on the occasion Dr.BCM Prasad,SVIMS Incharge Director stressed the importance of women getting tested for mammogram at least once in a year to find out cancer disease early for effective treatment and cure. Early detection and treatment followed by strict regimen and food habits are essential requirements which will definitely checkmate cancer and suggested them utilize modern equipment and expert doctors services in SVIMS.

Dr Shiva Kumar,Senior Professor and Administration Incharge said that Andhra Pradesh Government is doing yeomen service through NTR Vadiya Seva Trust to cure dreaded cancer by conducting free awareness programmes.The affected women should follow the doctors suggestions and consume prescribed medicines and get cured from Cancer.

Dr Kannan,Medical Oncology experts and Dr.Narendra Surgical oncology medical experts Dr.Renuka have offered their valued suggestions in curing the cancer to the attended audience.

Dr AY Lakshmi Radiology Professor said that the services of radiology are crucial in confirming the existence of cancer in the body and regretted about the breast cancer affected patients number is steadily increasing while underlining the need to intensify the cancer awareness programme to reach out every women in the society to prevent breast cancer. The women above 40 years should come forward to undergo mammogram tests and said that women themselves follow simple tests to find out any lumps in breasts or abnormal growth in the body, the symptoms of cancer disease and undergo immediately the tests to confirm whether the lumps are because of cancer or not.

Around 173 patients were checked up by a team of experts in the camp and 18 members were duly referred to SVIMS hospitals for further examination for treatment. The programme was attended by Chief Medical Officer Dr.Paul, Dr.NTR Vaidya seva District Coordinatort Shiva Kumar, College of Nursing Principal Sudharani, Deputy Director (PR) Dr Y.Venkatarama Reddy, PRO Rajasekhar and others were present.

Swach SVIMS - Healthy Public

Tirupati. Nov.10. Dr.PVLN Srinivasa Rao SVIMS Incharge Director said that in response to the call from the Prime Minister of India Swach Bharat programme is being conducted continuously and successfully in the premises of SVIMS on every Friday to ensure a clean environment in the sprawling hospital complex.Speaking on the occasion, the Incharge Director said that conduct of mega swach bharat programme is yielding best results and they could able to protect the envi-

Incharge Director and as part of mega swach bharat programme, the premises of Sri Padmavati women medical college, staff quarters, hostels,svims ...

py college, Nursing college, Bio technology, bio informatics, directors quarters, ambulance parking area, employees vehicle parking, SVIMS main road premises, blood bank ad casuality premises, radiation oncology, Nephroplus surrounding areas, doctors canteen, PET scan,MRI block were cleaned thoroughly and plastic waste materials were removed.

Heads Departme... medi...

SVIMS NEWS

SBI donates bus to SVIMS for community outreach

OUR BUREAU

Tirupati: Sri Venkateswara Institute of Medical Sciences (SVIMS) and State Bank of India (SBI) share a vision of community empowerment and service for every citizen. Accordingly, the SBI has come forward to donate a bus to SVIMS as part of their corporate social responsibility. At a function organised on the SVIMS campus, SBI Chief General Manager (Amaravati Circle) Mani Palvesan has handed over bus worth Rs 19 lakh to the SVIMS Director-cum-Vice-Chancellor Dr TS Ravi Kumar on Friday. As part of community medicine curriculum, the SVIMS students are engaged in community outreach on a regular basis. Faculty, nurses, allied health personnel and other staff conduct general and speciality camps on a regular basis. The bus will be useful for these purposes, said Dr Ravi Kumar. He appreciated the gesture of SBI by saying that it will help the rural poor of Rayalaseema region with the aim to provide the medical services from hub to hut. SBI General Manager Raghuram Setty, Deshpande, Kulakarni, Bhushan Rao and SBI SVIMS campus branch manager Srinivasulu were present.

SBI CGM Mani Palvesan, SVIMS D... Dr TS Ravi Kumar, SVIMS and SBI ... Tirupati on Friday after handing it ove...

A BOOK ON MATHEMATICS FOR MEDICOS RELEASED

Tirupati, Nov 26
A book titled "MATHEMATICAL COMPUTATIONS IN MEDICAL BIOCHEMISTRY" authored by Dr PVLN Sreenivasa Rao, Dean of faculty, senior professor and Head, Department of Biochemistry, Sri Venkateswara Institute of Medical Sciences (SVIMS) was released during the inaugural function of the 25th annual conference of "Association of Medical Biochemists of India" (AMBI) at Mysuru on November 17 this month. The book was released in commemoration of the association's silver jubilee year as part of "Foundation Series" publications.

The book addresses the mathematical knowledge required by the medical professionals especially medical biochemistry students. The book aims to impart tical knowledge ab Mathematics and er applications medical profe laboratory.

'రోగుల భద్రత, సంరక్షణలో ఫార్మకాలజీ పాత్ర కీలకం'

తిరుపతి, నవంబర్ 24: హెల్త్ యూనివర్శిటీల సహాయ సహకారాలత ఫార్మసీ రంగాన్ని, వైద్య రంగాన్ని సమన్వయపరుస్తూ ఫార్మకాలజీ విభాగాన్ని మరింత పటిష్టపరచడం ద్వారా రోగుల భద్రత, సంరక్షణ సాధ్యమవుతుందని స్విమ్స్ డైరెక్టర్ డాక్టర్ రవికుమార్ పేర్కొన్నారు. శుక్రవారం స్విమ్స్‌లో శ్రీవిద్యానికేతన్ కాలేజ్ ఆఫ్ ఫార్మసీ సంయుక్త ఆధ్వర్యంలో ఫార్మశీ ప్రాక్టీస్ అండ్ క్లినిక్ ఫార్మకాలజీపై జాతీయ స్థాయి సదస్సు ప్రారంభమైంది. ఈ సందర్భంగా ఆయన మాట్లాడుతూ రోగులు త్వరితగతిన కోలుకోవడంలో డాక్టర్ల పర్యవేక్షణ అత్యంత ప్రాధాన్యత ఉందన్నారు. ఈ కార్యక్రమంలో టైచీ ఇన్నోవేషన్స్ అసోసియేట్ డైరెక్టర్ డాక్టర్ కార్తీక్‌రాకమ్, శ్రీపద్మావతీ మహిళా వైద్య కళాశాల ఫార్మకాలజీ విభాగం అసోసియేట్ ఆచార్యులు డాక్టర్ కె ఆర్ సుభాష్, కలగ హెర్బల్ లీసెర్చ్‌కు చెందిన డాక్టర్ కెవిజిఎస్ మూర్తి, డాక్టర్ పివిఎల్‌ఎన్ మూర్తి, డాక్టర్ హనుమంతరావులు పాల్గొని వివిధ అంశాలపై ప్రసంగించారు.

స్విమ్స్‌లో జరిగిన ఫార్మశీ ప్రాక్టీస్ అండ్ క్లినికల్ ఫార్మకాలజీ సదస్సును జ్యోతి ప్రజ్వలన చేసి ప్రారంభిస్తున్న డైరెక్టర్ డాక్టర్ రవికుమార్

SVIMS NEWS

Prof TS Ravikumar, Vice-Chancellor of SVIMS, taking part in a CPR training programme | EXPRESS

SVIMS INKS PACT WITH AMERICAN HEART ASSN

Aims to train up to 25,000 people in CPR to save lives in emergency

EXPRESS NEWS SERVICE @ Tirupati

SRI Venkateswara Institute of Medical Sciences (SVIMS) has signed an agreement recently with the American Heart Association (AHA) as the International Training Centre (ITC).

This shared mission is to save more lives in the community through exemplary training programmes in Cardiopulmonary resuscitation (CPR), stroke care and community cardiology initiatives. SVIMS is developing a Stroke Centre of Excellence as the third initiative of AHA agreement.

"Cardiovascular diseases and stroke together account for the largest number of deaths. Therefore, the AHA partnership is an important step in the long race ahead to reduce deaths, save lives and mitigate the burden of disease in our region," said Prof TS Ravikumar, Vice-Chancellor of SVIMS.

SVIMS aims to train all citizens of Tirupati in CPR by conducting a Mega CPR Programme. To start this programme, SVIMS aims to train up to 25,000 people in observance of its silver jubilee celebrations, and to continue community training thereafter.

SVIMS initiated 'Training the Trainers' for community CPR last month and completed training 400 of its doctors, nurses, students and staff.

A core group of 30 instructors underwent high quality CPR training and were familiarized in the use of Community CPR Manikins for the mass community CPR in the weeks to come. By next week, all 3,000 of SVIMS personnel will be trained in community CPR by the trained instructors. This will be followed by community CPR training for the Tirumala Tirupati Devasthanams (TTD) employees.

The goal is to make every citizen in Tirupati to be first responder, competent to provide CPR during the first few 'Platinum Minutes' until professional medical care arrives.

Earlier, SVIMS trained about 1,500 police personnel as first responders with competency in community CPR in December 2016. SVIMS is equipped with sufficient equipment and manikins to train the people in large numbers. Laerdal Medical company has come forward to provide 225 community CPR manikins as part of its Corporate Social Responsibility.

Cardiopulmonary resuscitation

CPR is an emergency procedure that combines chest compressions often with artificial ventilation in an effort to manually preserve intact brain function until further measures are taken to restore spontaneous blood circulation and breathing in a person who is in cardiac arrest. The Hands Only CPR programme includes doing chest compression manually to preserve heart beat and brain functioning along with mouth to mouth breathing (if needed) and does not involve inserting breathing tube or injecting medication.

Cardiovascular diseases and stroke together account for the largest number of deaths. Therefore, the AHA partnership is an important step in the long race ahead to reduce deaths and save lives

TS Ravikumar, Vice-Chancellor of SVIMS

SVIMS to conduct mega CPR programme soon

SVIMS students being trained in CPR programme in Tirupati on Sunday

OUR BUREAU

Tirupati: Sri Venkateswara Institute of Medical Sciences (SVIMS) is planning to conduct a mega Cardio-Pulmonary Resuscitation (CPR) programme in Tirupati in the second week of December. After training 1,500 police in CPR earlier, they want to train the denizens on a massive scale. Commemorating its Silver Jubilee year, now SVIMS aims to train up 25,000 denizens in CPR.

CPR is an emergency procedure performed to maintain blood circulation and flow of oxygen to heart, brain and other vital organs of the body. This procedure is performed when a person is suffering from respiratory and cardiac arrest due to heart attack or heart stoppage from other reasons.

"This essential knowledge helps people to act effectively and efficiently during emergencies which in turn reduces the number of deaths", says SVIMS director Dr TS Ravikumar. The country encouraged community CPR for common persons so that the bystanders could step in and perform CPR during emergencies. This programme, named "Hands only CPR", includes doing chest compressions manually to preserve heartbeat and brain functioning and does not involve inserting breathing tube or injecting medication. According to the Director, "SVIMS has already trained up to 100 of its employees including doctors, nurses and other staff under the "Train the Trainers (TOT) programme" and these trained trainers will coordinate the community CPR programme". Plans include training 100 more of its employees, so that the big group of 200 SVIMS trained personnel will provide skill training to public at large. The programme is designed such that it will not interfere with the working hours of the employees. This training programme will commence in the 2nd week of December and will continue throughout the month. SVIMS employees will be trained first, followed by TTD employees. Permission has been accorded by EO Anil Kumar Singhal to initiate this for TTD employees. SVIMS Director welcomes all organisations interested in their employee training for community CPR to call PRO office (0877-2287777, extn: 2432) or send e-mail to nodal officer Dr. Aloka Samantaray (aloksvims@gmail.com).

SVIMS NEWS

SVIMS gets new PG hostel, radionuclide therapy ward

EXPRESS NEWS SERVICE @ Tirupati

PRESIDENT of Medical Council of India Dr Jayshree P Mehta inaugurated SVIMS PG hostel building and high-dose radionuclide ward of Nuclear Medicine Department on the campus here on Saturday.

Addressing students, she said, "The students of SVIMS are very lucky and must work hard. They must achieve excellence in their respective fields and that would be the greatest reward that a student can pay back to the institute."

Speaking about high dose radionuclide therapy ward, she appreciated the institute for bringing such an advanced medical facility to the hospital and giving treatment to the poor patients suffering from thyroid cancer and other cancer types using different radio isotopes at a relatively low cost.

Dr TS Ravikumar, Director, SVIMS, said in addition to building the hostel, it is also important to provide liveable conditions to students during their stay in the campus. Speaking about the PG hostel, he said, "The three-storied hostel building was built at a cost of ₹7 crore and it can accommodate nearly 178 students in 89 rooms with attached bathrooms. The hostel also has dining hall with a seating capacity of 115 students and recreation, reading and indoor hall and a kitchen."

During the inauguration programme, the Department of Nuclear Medicine played a video showing the facilities available in the newly-built high dose radionuclide therapy ward. "This facility is the first-of-its-kind among the public sector organisations of Andhra Pradesh and is the biggest in South India," said Dr Ranadheer of Nuclear Medicine Department. "This advanced setup is established at a cost of ₹1.5 crore. The ward was built at a cost of ₹1.02 crore and the equipment cost was ₹48 lakh," he added.

The ward consists of separate rooms for patients who are given to radioiodine so that the radiation that emits from their body do not affect others. Patients' excreta is collected in delay decay tanks and kept for a specific period of time so that radiation comes down and later will be left into the sewage system. It has a total of eight halls, six toilets and two delay decay tanks.

High dose radionuclide ward inaugurated at SVIMS

OUR BUREAU

Tirupati: Medical Council of India (MCI) president Dr Jayshree P Mehta inaugurated the new PG hostel building and high dose radionuclide therapy facility of Nuclear Medicine department at SVIMS on Saturday.

Addressing the students on the occasion, Dr Mehta advised them to work hard and achieve excellence in their respective fields and that would be the greatest reward that students can pay for their institute. She appreciated the institute for bringing such an advanced medical facility to hospital and giving treatment to the poor at a relatively low-cost.

SVIMS Director-cum-Vice Chancellor Dr TS Ravi Kumar said that in addition to building the hostel it is also important to provide livable happy conditions to students during their stay in the campus. The three-storied hostel building was built at a cost of Rs 7 crore and it can accommodate 178 students in 89 rooms with attached bathrooms. It has a seating capacity of 115 students in the dining hall and having recreation, reading and in door hall.

The high dose radio nuclide therapy ward is established to treat patients suffering from thyroid cancer and other cancers using different radio isotopes. This facility is first of its kind among the public sector organisations of AP and is biggest in South India, said Dr Ranadheer of Nuclear Medicine department. The facility was established at a cost of Rs 1.50 crores It has a total of 8 halls, 6 toilets and 2 delay decay tanks. The ATD has provided financial assistance both for the PG hostel and the high dose radio nuclide therapy ward.

MCI President Dr Jayshree Mehta inaugurati... therapy facility at SVIMS in Tirupati on ... SVIMS Dr TS Ravikumar is also s...

SVIMS NEWS

Doctors should be committed to principles: Kunhikrishnan

- Satish Dhawan Space Centre Director Kunhikrishnan says empathy and compassion should be the principle throughout doctors' career
- SVIMS Vice Chancellor Dr TS Ravikumar says 348 students have received their degrees in the convocation

OUR BUREAU

Tirupati: "A qualified doctor should be fully committed to ethical principles and values for betterment of society. Doctoring is a lifelong commitment with learning and sharing knowledge," stressed P Kunhikrishnan, Director, Satish Dhawan Space Centre, (SHAR) Sriharikota.

In his address at the 8th Convocation of Sri Venkateswara Institute of Medical Sciences (SVIMS), Tirupati on Saturday, he underlined that. the word empathy and compassion should be the principle throughout doctors' career.

He added that the internet of things and big data are making serious impact on every industry and healthcare industry is no exception. It is a field, which is now being called the medical internet of things, he added.

"Artificial Intelligence is another area which is encompassing the medical care. We have seen the advent of surgical robots which assist the surgeons as well as expert systems for generating alerts and reminders, diagnostic assistance, image recognition and interpretation, agents for information retrieval and so on," he observed.

He added the space technology is always well ahead of their times and the research works carried out for access to space have resulted in spinoff benefits in many areas. Several spin-off technologies are either transferred or are being developed by ISRO in the medical field. He cited an example that the development of polyurethane (PU) foams for rocket motor applications has resulted in an important spin-off in the form of artificial foot prosthesis. ISRO has already transferred this technology for production after many field trials, he said and added the application of telemedicine through satellites has aided in improving the health environment, especially of poor in remote villages.

Director-cum-Vice Chancellor of SVIMS Dr TS Ravikumar, in his report, said the institution is scaling new heights and they have laid out a robust plan to mark the milestone of silver jubilee year. Presently, the institute has 1,763 students in its campus which is an all-time high. This year, 59 post-graduate students have joined the institute, he said and added in all, 348 students have received their degrees in the convocation. The Director mentioned their collaborations with 'Best of Breed' institutions across the globe. SVIMS is expanding its multi-organ transplant programme. As a novel initiative for women's health in Rayalaseema, a 'Pink Bus' will be commissioned soon. SVIMS has also launched a programme of 'Banking on Health' under the strategy of 'Hub to Hut' with the partnership of SBI. Medical Council of India president D Mehta

Satish Dhawan Space Centre, (SHAR) Sriharikota Director P Kunhikrishnan (third from left) presents doctorate to a student at SVIMS convocation in Tirupati on Saturday. SVIMS VC Dr TS Ravikumar is also seen

Dr Jayshree P Mehta, president of Medical Council of India (MCI), participating in the 8th convocation of Sri Venkateswara Institute of Medical Sciences in Tirupati on Saturday. (Right) Students taking a selfie at the graduation ceremony | EXPRESS

New modules in MBBS curriculum from next year

Revamp of Graduate Medical Education Regulations in the offing; MBBS syllabus to be common throughout the country for uniformit

SUCCESS COMES THROUGH MONTHS OF HARD WORK AND PERSEVERANCE: SHAR DIRECTOR

EXPRESS NEWS SERVICE @ Tirupati

"GRADUATION literally means finishing a course of study. But it is actually a beginning. It is the beginning of practical education. The word 'practical' is most relevant when talking to a group like yours. You are medical practitioners. Success does not happen all of a sudden. It comes through months and years of hard work and perseverance," said P Kunhikrishnan, SHAR Director, at the 8th Convocation of Sri Venkateswara Institute of Medical Sciences (SVIMS) here on Saturday.

Being the chief guest, he was giving the convocation address at the event. "Among institutes that are grooming these professionals, the name of SVIMS stands out because of the high levels of quality and professionalism it maintains in whatever field you are in, be it in education, providing advanced medical technology, infrastructure development and so on," he said.

"This is an institute which provides an entire gamut of medical courses right from the MBBS to super specialties, fellowship and certificate courses, post graduate courses in basic medical sciences, nursing, physiotherapy and paramedical areas as well as in biotechnology, bioinformatics and PhD. It is heartening to note that 2017-18 is silver jubilee year of SVIMS and seeing the road map gives me immense confidence that this institute is set to become one of its kind in India.

"This is very much true for a career of yours. There is a long way for you to go, to become a successful practitioner," he said and switched over to his organization. "Let us consider the growth of our organization - ISRO. The Indian Space programme has grown from its modest beginning with rockets to a full-fledged operational programme capable of building its own state-of-the-art satellites and launch vehicles," he said.

"Its present status is the culmination of hard work and determination aided with dedicated teamwork. It is a tenet of ISRO to make available frontier space technologies for making lives better. The research carried out for access to space has resulted in spin-off benefits in a multitude of areas.

"Such spin-off technologies are transferred to industry which contributes towards technological self-reliance, societal benefits, indu trial growth and natio development. Several techno are either transferred or a developed by ISRO in t field. The application cine through our s nitely aided health envir the poor medic in

> It is a tenet of ISRO to make available frontier space technologies for making lives better. The research carried out for access to space has resulted in spin-off benefits in a multitude of areas
>
> P Kunhikrishnan, SHAR Director

SVIMS NEWS

Soumya Swaminathan unveils 5-pronged strategy to strengthen public health

'Vision 2030' released at roundtable of V-Cs of health sciences universities

STAFF REPORTER
TIRUPATI

World Health Organisation (WHO) Deputy Director-General and Indian Council of Medical Research (ICMR) Director-General Soumya Swaminathan has unveiled a five-pronged strategy to improve public health status and also enhance research capabilities of health universities in the country. She was delivering the keynote address at the roundtable of Vice-Chancellors of Health Sciences Universities, conducted by the Association of Indian Universities (AIU) and hosted by Sri Venkateswara Institute of Medical Sciences (SVIMS) here on Tuesday. She released her 'Vision 2030.'

Dr. Swaminathan laid emphasis on strengthening biomedical research capabilities, which she referred to as the first pillar, by encouraging medical students to take up short term research and also incentivising higher studies like M.D., Ph.D. (which is not recognised by the MCI). On data warehousing, she wanted effective utilisation of the large quantum of data collected through surveys. She equally regretted that several ICMR-funded studies had never seen the light of the day.

WHO Deputy Director-General Soumya Swaminathan receives a memento from SVIMS Vice-Chancellor T.S. Ravikumar at the roundtable of Vice-Chancellors of health sciences universities in Tirupati on Tuesday. Association of Indian Universities president P.B. Sharma is seen.

Her third pillar indicated implementation research, i.e., public health practice and policy. "It is better to train ASHA workers in conducting preliminary screening of rural women for cervical cancer, though some prefer ANMs," she observed. Apart from evidence policy translation as the fourth pillar, she stressed the need to leverage traditional knowledge, which included the ilk of folk healers and herbal medical practitioners, by scientific validation of the practice.

While appealing to the state for higher investment into Health R&D, Dr. Swaminathan also urged the Vice-Chancellors to ally with their peer social scientists from anthropology, psychology and social work to take the fruits of research to the grassroots.

Need for more focus on medical research stressed

- **India's contribution in the field is negligible, says ICMR chief Soumya Swaminathan**
- **Stresses need to prepare strong database on viral diseases prevalent in the country**

OUR BUREAU

Tirupati: The newly-appointed deputy director general of World Health Organisation and director general of Indian Council of Medical Research (ICMR) Soumya Swaminathan said the country is lags far behind many countries in the area of medical research, including some developing nations like China and Brazil. "Indian contribution to world medical research is about four percent," she said. Dr Soumya delivered the keynote address at the Association of Indian Universities (AIU) roundtable conclave of Vice-Chancellors of Health Sciences Universities here on Tirupati on Tuesday. Sri Venkateswara Institute of Medical Sciences (SVIMS) is hosting the conference.

Dr Soumya said that ICMR had allocated Rs.249 crores for medical research this year. "Though the amount was small, it will take up the research further. It is the responsibility of V-Cs to initiate steps for good research, both qualitative and quantitative. Many are under the impression that publishing articles in a journal by paying some amount, which is circulated among about 20 people or so, is research. There is no use for such articles. They don't have any recognition. The application part of research is more important," she added.

Dr Soumya Swaminathan lighting the lamp to mark the inauguration of AIU round-table of Vice-Chancellors of Health Science Universities Conference at SVIMS in Tirupati on Tuesday

Even from under graduate level, the paradigm of learning should be changed and students should be encouraged to question so that research would be spurred. Stating that there were several research and diagnostic labs, she questioned where was the research output. "There are thousands and thousands of dengue positive cases, H1N1, H3N2, Hepatitis and chikungunya cases. Let us at least have a data base of these diseases. What is the geographic spread of these diseases, what about the seasonal spread?," she said adding that all viral diseases were going to be critical in future.

In his presidential address, Prof P.B.Sharma, President of AIU, said that the country was getting increasingly burdened with rising non-communicable diseases like cardiovascular diseases, cancer, chronic respiratory diseases, diabetes, etc., which account for nearly 60 per cent of the main causes of deaths in India. Stating that these diseases are causing potential loss in productive lives, he warned that if these causes were unattended, the very demographic dividend that is being touted as a boon for the nation would be lost as that would reduce India to unhealthy youth population.

The organising secretary of the conference Dr T S Ravi Kumar said that the new funding paradigm for overall development of health universities and strategies to solve the shortage of physician and other health care personnel and the mismatch would be discussed in the conclave. The Director Research of AIU Dr Amarendra Pani, Prof V Suresh also spoke.

India has to go a long way in medical research -ICMR Director General

Tirupati, Oct 10

It is indeed concerning that India is lagging far behind in medical research despite the presence of a large number of medical institutions said Indian Council of Medical Research (ICMR) Director General Soumya Swaminathan while addressing the two day meeting of vice chancellors of Health Universities, here on Tuesday.

Stating that India's medical research output was only a meager 4 percent in the world medical research, giving the telltale picture of the sorry state of the country in medical research , Soumya said even the more populous China is far ahead of us in medical research. Further, China has in a better position in English language also as per as medical research is concerned compared to India, though the later has the established supremacy in English language.

Soumya who was recently appointed to the coveted post of World Health Organization "(WHO) deputy general, participated in the inauguration of the two day 'Roundtable of Vice Chancellors of Health Sciences Universities', jointly organized by Association of Indian Universities, (AIU) and Sri Venkateswara Institute of Medical Sciences (SVIMS) here on Tuesday. Soumya delivering the key note address in the meet, without mincing words said that India has to shed its apathy and make concerted and strong efforts to progress in medical research. She said that 57 percent of Institution of Health Sciences in the country has not even a sing medical research, in the last ten years which speaks volumes on the apathy in medical research.

Against the gloomy back drop, she said that the vice chancellors of the health universities in the country have a crucial role to see that the medical institutions take up research in a big way. In this connection she wanted to promote research from undergraduate level by ensuring congenial environment including facilities which she said would go a long way in boosting medical research in the country.

With regard to ICMR support to research, she said that as many as 45 Multidisciplinary Units (MRU) were set up including in SV Medical College, Tirupati, so far against 80 proposed across the country and added that quantum of assistance from ICMR to research in medical sciences was Rs 249 core. The idea behind setting up MRU is to lend the infrastructure, equipment and staff supports to those taking up medical research, she said adding that 12 Rural Medical Research Units were also set up including the one at Chandragiri near Tirupati to undertake research in the subject pertaining to rural health.

SVIMS Director and Vice Chancellor TS Ravikumar in his welcome address said that it is propitious time for us to form cooperative research groups across universities for clinical trials (RCT, Comparative, Effectiveness, Research) health services and outcome research, not to mention collaborations in basic and translation. He stressed on finding common solution and new paradigms for achieving durable excellence in education, clinical care, patient oriented discoveries, and community benefit and population wellness.

Ravikumar said that the meet will discuss on the topics including governance and regulation in medical education, quality assurance and accreditation in health care, curriculum development, pedagogy, assessment and application technology in medical education and trends and issues in health science research. He took the occasion to dwell at length on the research activities being taken up by SVIMS and also its efforts to improve health care facilities benefitting scores of poor in the backward Rayalseema region with the support of state government and Tirumala, Tirupati Devasthanams (TTD).

AIU president PB Sharma in his address said that it is high time that the vice chancellors of medical universities focus their attention on the dire need to create vital synergy between education and research, synergy between medical science and ever advancing frontiers of biological sciences and biotechnology, integration of medical science and engineering and promotion of integrative sciences and interdisciplinary education and research.

AIU Director Research Amarendra Pani, SVIMS Professor and the conference coordinator V Suresh and others were also spoke.

SVIMS NEWS

CfAR donors release SVIMS Chronicle News

Tirupati, December 25

By Our Staff Reporter

CfAR building giant donors Rajiv Gopal Bajaj and Gopal Bajaj released SVIMS Chronicle News first edition, here on Monday.

The duo visited the CfAR building under final stage of completion in SVIMS premises and has a detailed discussion with the SVIMS Director TS Ravikumar on the progress of the construction of the building take up with their financial support to house the avaced laboratory coming up in SVIIMS.

SVIMS Director Ravikumar after having discussions with the duo said the two donors have donated Rs 25. 50 crore so far for the development of the SVIMS and added that Rs 12 crore in the total amount were donated to only for the construction of CfAR building and the remaining to acquire latest facilities.

He revealed that the building construction work is almost completed and the interior works and equipment installation would be completed with in short time.

Explaining about the CfAR building, he said research works, clinical tiles infrastructure, data management center, Biostatics, Epidemiology will be accommodated in the ground floor of the building where as research projects, infection, inflammation and immunity department will set up [illegible] the second floor of [illegible] as they would [illegible] Regenerat[illegible] Isolate[illegible] and St[illegible] the second floor.

Coming to the SVIMS Chronicle released by duo donors, the Director said many topics on various developments in different departments in the hospital were incorporated in the Chronicle and added that this yearly book will continue pub[illegible]hing development in every com[illegible] Doctors Sachin, mantha, faculty, naiah, were

Progress of CfAR buildings at SVIMS reviewed

OUR BUREAU

Tirupati: Rajiv Shrigopal Bajaj and Shrigopal Bajaj of Vital laboratories Private Limited, Mumbai visited SVIMS on Monday to review progress of the building "Centre for Advanced Research (CfAR) constructed at an estimated cost of Rs.12 crores. These donors have contributed a total of about Rs.25.50 crores to SVIMS over the last decade. They, and the allocation of Rs.12 crores during this year alone for CfAr project. The civil works are nearing completion, to be followed by interiors and equipment installation. SVIMS Director cum V-C Dr TS Ravikumar held wide ranging discussions with the donors. He outlined the allocation of Rs.6 crores to civil works and the balance Rs.6 crores for internal design, equipment and support services.

In this building, population health research, clinical trials infrastructure, data management centre, Biostatistics/Epidemiology etc will be housed on ground floor and the Research projects under the theme "Infect[illegible] flammation an[illegible] be on the first fl[illegible]

The second flo[illegible] cated to Regenera[illegible] Islet cell transpla[illegible] stem cell biology.

SVIMS VC announ[illegible] lease of first edition of [illegible] Chronicle" that brings [illegible] nual achievements in v[illegible] domains. The Bajajs release[illegible] Chronicle on this occasion.

SRI VENKATESWARA INSTITUTE OF MEDICAL SCIENCES
(A University established by an Act of A.P. State Legislature)
Tirumala-Tirupati Devasthanams

SVIMS CHRONICLE

A Publication for Friends and Colleagues of SVIMS

Volume-1 Number-1

8th CONVOCATION HELD IN SVIMS

INSIDE THIS ISSUE

SVIMS NEWS

SVIMS launches Mega CPR Programmes to contain deaths due to cardiac arrest

Tirupati, December 10.

(By Our Staff Reporter)

Sri Venkateswara Institute of Medical Sciences (SVIMS) is aiming to train all the citizens of Tirupati in Cardio Pulmonary Resuscitation (CPR) by conducting a " Mega CPR Programme " in Tirupati. SVIMS is aiming to train around 25000 people to mark its silver jubilee celebrations and to continue the community training thereafter is performed when a person is suffering from respiratory and cardiac arrest due to heart attack, heart equipment and manikins to train the people in large numbers. All the doctors and nurses will be part of this ambitious project of SVIMS.

SVIMS mission of " Saving Lives in the Community " is shared by Laerdal medical company who has come forward to provide 225 community CPR mainkinsas part of Corporate Social Responsibility. Balaganesh Mahendrathas of Laerdal was on site at S3 (SVIMS Simulation System) to instruct all the

SVIMS AIMS TO TRAIN CITIZENS WITH CPR

DC CORRESPONDENT
TIRUPATI, DEC. 10

Sri Venkateswara Institute of Medical Sciences (SVIMS) aims to train citizens of Tirupati in Cardio Pulmonary Resuscitation (CPR) by conducting "Mega CPR Programme." To start this, SVIMS is aiming to train up to 25,000 people in observance of its silver jubilee celebrations.

The institute initiated 'training the trainers' for Community CPR last month and completed training 400 of its doctors, nurses, students and staff. A core group of 30 instructors underwent CPR training and were familiarised in the use of CPR. By next week, 3,000 SVIMS personnel will be trained in community CPR. This will be followed by a training for TTD staff.

The aim of the institute is to make every citizen be first responder, competent to provide CPR during the first few 'Platinum Minutes' until professional medical care arrives.

"By equipping people with this emergency first aid technique the number of deaths caused due to heart attack can be reduced," says the Director and Vice Chancellor SVIMS Dr. T.S. Ravikumar.

ఏఐయూ గవర్నింగ్ కౌన్సిల్ సభ్యులుగా రవికుమార్

స్విమ్స్ సంచాలకునికి అరుదైన గౌరవం

తిరుపతి(స్విమ్స్), న్యూస్‌టుడే: అసోసియేషన్ ఆఫ్ ఇండియన్ యూనివర్సిటీస్ (ఎఐయూ) గవర్నింగ్ కౌన్సిల్ సభ్యులుగా తితిదే ఆధ్వర్యంలోని శ్రీ వేంకటేశ్వర వైద్యవిజ్ఞాన సంస్థ(స్విమ్స్) వర్సిటీ ఉపకులపతి డాక్టర్ టి.ఎస్.రవికుమార్‌ను నియమించారు. ఎఐయూ అధ్యక్షులు ప్రొఫెసర్ పి.బి.శర్మ ఆధ్వర్యంలో ఏర్పాటైన నూతన గవర్నింగ్ కౌన్సిల్‌లో తనను నియమిస్తూ ఉత్తర్వులు జారీ చేసినట్లు వెల్లడించారు. గతేడాది అక్టోబర్‌లో స్విమ్స్ వర్సిటీలో ఎఐయూ సమావేశాన్ని నిర్వహించిన సంగతి విదితమే. ఈ సందర్భంగా స్విమ్స్ సంచాలకులు హెల్త్‌సైన్సెస్, వైద్యవిద్య, పరిశోధన, నూతన వైద్యపరికరాలను కనుగొనడం.. వైద్యవిద్య అభివృద్ధికి సంబంధించి పలు అంశాలపై పలు సూచనలను చేశారు. ఇందుకు అనుగుణంగా ప్రస్తుతం పై రంగాల్లో చేపట్టే వినూత్న కార్యక్రమాలను ఎఐయూ గవర్నింగ్ కౌన్సిల్ సభ్యులుగా స్విమ్స్ సంచాలకులు మిగిలిన వర్సిటీల ఉపకులపతులతో సమన్వయంతో పనిచేయనున్నారు. ఈ సందర్భంగా సంచాలకులు స్విమ్స్ విభాగాధిపతులు, అధికారులు, ఉద్యోగులు అభినందించారు.

డాక్టర్ రవికుమార్‌ను అభినందిస్తున్న ప్రొఫెసర్ పి.బి.శర్మ

SVIMS Director cum Vice Chancellor Dr T.S.Ravikumar appointed as a Governing Council Member, Association of Indian Universities (AIU)

SVIMS NEWS

Union Minister Venkaiah Naidu interacts with a patient at SVIMS in Tirupati on Wednesday | EXPRESS

Become agents of change & digitisation: Venkaiah

Union Minster launches Dialysis Block with 100 beds at SVIMS

Kidney treatment

Diabetes & BP common factors

Patients need 3 sessions of therapy of 4 hours each in a week

2Lk hit by chronic kidney disease in R'seema area

1,200 added to the list every year

53 % of India's wealth is with 1 % people, while 5 % are holding 58.6 % wealth. BJP govt will end this financial discrimination among the people

Venkaiah Naidu, Union Minister

EXPRESS NEWS SERVICE @Tirupati

UNION Minister M Venkaiah Naidu has called upon the youth to become the agents of 'change' and 'digitisation'. He also appealed to political leaders to participate in building a healthy nation, by cutting across ideological views and party lines.

Inaugurating the Dialysis Block with 100 beds at Sri Venkateswara Institute of Medical Sciences (SVIMS) here on Wednesday, Venkaiah said that a wealthy nation cannot be a healthy nation, but a healthy nation can be a wealthy nation. Hence, the Central government is working towards creating a healthy nation. As part of this, several health projects will be allotted to Andhra Pradesh and every district will get around three dialysis centres soon, he announced.

The Union government is working with the motto of 'reform, perform and transform'. Similarly, all the ministries are working with the motto of 'Making of Development of India' (MODI), he reiterated and paid salute to the common man for welcoming the demonetisation move.

"According to the latest reports, 53 per cent of India's wealth is with 1 per cent people, while 5 per cent people are holding 68.6 per cent wealth. Meanwhile, all the banks in the country gave 45 per cent funds to just 350 companies. However, the BJP government would end this financial discrimination among the people," he asserted.

Earlier, the Union Minister interacted

Minister Kamineni Srinivas, TTD Chairman Chadalawada Krishnamurthy, Executive Officer D Sambasiva Rao and SVIMS Director-cum-Vice-Chancellor TS Ravikumar were present.

Over 1 L affected every year in India

The Dialysis Block is meant to provide services to patients with End Stage Renal Disease (ESRD), an advanced stage of chronic kidney disease (CKD). Approximately 1,00,000 patients are suffering from ESRD in India every year.

In Rayalaseema region, about 24,000 patients are suffering from CKD and another 1,200 new patients get added to the list every year. Meanwhile, Acute Kidney Injury is another form of kidney disease, which is potentially reversible. These patients can recover with proper medical care and dialysis.

Common causes for CKD include diabetes and hypertension (high blood pressure). Patients with ESRD require renal replacement therapy (dialysis) to survive. These patients usually require 3 sessions of therapy of four hours each in a week. They can also be treated free of cost under the State government's schemes like Dr NTR Vaidya Seva Scheme. The Dialysis Block at SVIMS has 80 dialysis machines for ESRD patients and another 20 machines for patients suffering from Acute Kidney Injury. Once fully functional, it will be largest unit of its kind in India. Block has been constructed by at a cost of ₹6.6 crore. It is be on Public-Private Partn Nephroplus.

SVIMS NEWS

Awareness rallies mark World AIDS Day

OUR BUREAU

Tirupati: Awareness rallies marked World AIDS Day in the district on Friday. Students belonging to Sri Padmavathi Medical College for Women(SPMC-W), SVIMS Nursing, Paramedical and Physiotherapy organised a rally from SVIMS to Mahati Auditorium. Students were administered an oath on the occasion. Prizes were distributed to the winners of poster presentation and Essay writing contest. Speaking on the occasion, the SVIMS Director Dr TS Ravikumar said that SVIMS and SPMC-W will chalk out an action plan to bring awareness among people on AIDS and the precautions to be taken. Dr Sreenivasa Rao, Dr M Hanumantha Rao, Dr Anju Ade, Dr Sudha Rani were among those present.

The District AIDS and Prevention Control Unit (DAPCU) organised rallies in Tirupati and Chittoor. In Tirupati a rally was held from SV High School ground to NaluguKalla Mandapam. Hundreds of school and college students, members of various NGOs participated. They organised a human chain at the end of therally. Junior Judge P Vijaya participated as Chief Guest. Dr Perol Yadav from DM&HO (AIDS & Leprosy) office, PODTT Dr Vijaya Kumari, DPMOs, APMOs and others took part.

In Chittoor, after the rally, a meeting was held in Ambedkar Bhavan in which the ZP Chairperson S Geervani participated

స్వేమ్స్ ఆధ్వర్యంలో ప్రపంచ ఎయిడ్స్ దినోత్సవంపై ర్యాలీ

SVIMS NEWS

Minister launches slew of facilities at SVIMS

Power supply infrastructure improved

All smiles: Minister for Medical and Health Kamineni Srinivas interacting with medical students during his visit to SVIMS in Tirupati on Thursday.

STAFF REPORTER
TIRUPATI

Minister for Medical and Health Kamineni Srinivas inaugurated a slew of facilities at the Sri Venkateswara Institute of Medical Sciences (SVIMS), the TTD-run super-specialty hospital, here on Thursday.

Accompanied by SVIMS Director and Vice-Chancellor Dr. Tanjavur S. Ravikumar, the Minister inaugurated SVIMS Clinic, green generator extension building, indoor 33/11kv sub-station building, and a new website. The generator room extension was taken up at a cost of ₹1.22 crore, meant to house two generators and panel boards and to provide standby supply to dialysis block. Similarly, the indoor substation developed at a cost of ₹2.58 cr. will replace the three 11kv substations existing on the SVIMS premises, thus providing power at a ch

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Minister inaugurates SVIMS new initiatives

EXPRESS NEWS SERVICE
@ Tirupati

HEALTH Minister Kamineni Srinivas on Thursday evening inaugurated an indoor 33/11 KV substation and green generator room in SVIMS Super Specialty Hospital, Rs 3.8-crore constructions for effective and uninterrupted power supply to the hospitals both SVIMS and New Women Medical College Hospitalsalong with new initiatives of

SVIMS clinic and new website portal.

Speaking on the oc
minister said all per
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స్విమ్స అభివృద్ధికి మరింత కృషి

SVIMS medical services excellent in the country

Tirupati, December 21

By Our Staff Reporter

Health Minister Kamineni Srinivas said SVIMS has been emerged one of the best hospital in the country with its excellent medical services.

Minister participated in series of development initiatives on Thursday in Sri Venkateswara Institute of Medical Sciences (SVIMS) including construction of generator room (Rs 122 lakh), construction of indoor 33kv electrical sub station(Rs 258 lakh) . SVIMS OP block and hospital website on portal on quality.

Speaking after the SVIMS board meeting, Minister said SVIMS has already acquired a special place in the history of medical services in the country and added that the government also supporting SVIMS for expanding and improving medical facilities and quality of service for the benefit of the poor.

Listing out the facilities being provided in the SVIMS, Srinivas said the hospital equipped with latest machinery, 100 bedded dialysis unit, latest treatment facilities for ca
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SVIMS NEWS

సమిష్టి వైద్య నిపుణుల ప్రక్రియ ద్వారా వ్యాధి నిర్ధారణ

'Pink Bus' to reach out to women of Rayalaseema

A novel initiative to reduce incidence of breast, cervix and oral cancer

A.D. RANGARAJAN
TIRUPATI

For those worried about the rising incidence of cancer among rural women, here's some good news on the occasion of the 'International Women's Day'.

In a novel initiative, the Sri Venkateswara Institute of Medical Sciences (SVIMS) has tied up with the Rotary Club of Tirupati to ply a vehicle to the remote villages of Rayalaseema to screen the women for breast, oral and cervical cancer. The objective is to reduce incidence of cancer in the region. For early detection and timely intervention, the SVIMS decided to ply the state-of-the-art vehicle fitted with mammography equipment to the villages and screen the women, especially those the Below Poverty Line (BPL).

A model of the Pink Bus proposed to be launched by SVIMS and Rotary Club of Tirupati.

Specialist review

As the name suggests, the 'Pink Bus' will have a custom-designed pink chassis, with a mammogram, examination tables for screening of cervix and oral cancer, lab equipment for conducting blood test, blood pressure etc., besides the apparatus for providing counselling to the women.

It will have wireless connectivity and tele-medicine system to offer specialist review and remote consultation.

"The idea is to reach out in phases to the 1.8 million population in and around Tirupati initially, then the 4 million in Chittoor district and finally the 15 million women of Rayalaseema districts," SVIMS Director and Vice-Chancellor T.S. Ravi Kumar told *The Hindu*.

The SVIMS offers manpower support through its doctors, nurses, medical students and supporting staff for the basic intervention. The medical, nursing and physiotherapy students will visit the villages in the allotted clusters to monitor the health status on continuous basis. "Our 1,000 students will act as soldiers in the mammoth task," Dr. Ravi Kumar added.

Funding pattern

The Rotary Club is raising funds for the ₹1.15-crore project, while it will don a bigger role of creating public awareness in the villages by acting as the 'messaging partner'. It will raise one-third funds, while the remaining is expected to be met by the Rotary Foundation Trust and foreign partners through the District Governor.

"With 4,000 Rotarians across Rayalaseema, pooling up our share of ₹42 lakh will not be a problem," says a confident C. Balagurappa, President, Rotary Club of Tirupati.

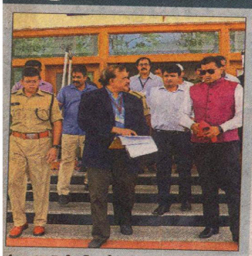
On its part, the S... approached the D... General of Healt... (DGHS) and is ... to tap funds ... Council of ... (ICMR), ... Arogya... sche...

SVIMS NEWS

Shri **RAM NATH KOVIND**, Hon'ble President of India inaugurating of Hospital of SVIMS - SRI PADMAVATHI MEDICAL COLLEGE FOR WOMEN in SVIMS Campus

Shri **RAM NATH KOVIND**, Hon'ble President of India unveiling the plaque of Hospital of SVIMS - SRI PADMAVATHI MEDICAL COLLEGE FOR WOMEN in SVIMS Campus

రాష్ట్రపతి నేడు రాక

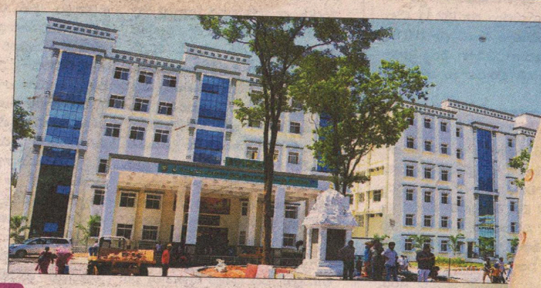


పద్మావతి మెడికల్ కాలేజీ భవనం వద్ద ఏర్పాట్లను పర్యవేక్షిస్తున్న ఏపీ ఎస్ఎస్ వినేష్‌కుమార్

- తిరుపతిలో నేడు పౌరసన్మానం
- రేపు తిరుమలేశుని దర్శనం
- జల్లెడ పడుతున్న భద్రతా సిబ్బంది
- నగరంలో ట్రాఫిక్ ఆంక్షలు
- పర్యటనకు సర్వసన్నద్ధం

- వివరాలు 2లో

వైద్య రంగంలో తిరుపతి వేగంగా అడుగులు వేస్తోంది. దక్షిణాది జిల్లాలకు మెడికల్ హబ్‌గా మారే దిశగా అభివృద్ధి చెందుతోంది. తాజాగా మరో అత్యాధునిక ప్రభుత్వ ఆస్పత్రిని సిద్ధం చేసుకుని నిరుపేద రోగులకు అన్ని రకాల వైద్య సేవలనందించేందుకు సమాయత్తమవుతోంది. పద్మావతీ వైద్య కళాశాలకు అనుబంధంగా రూ.139.40 కోట్లతో నిర్మించిన బోధనాస్పత్రిని శుక్రవారం రాష్ట్రపతి రామ్‌నాథ్ కోవింద్ ప్రారంభించనున్నారు. ఈ ఆస్పత్రి పర్యాటుతో రాయలసీమ ప్రాంత జిల్లాలోని నిరుపేద రోగులకు మరింత నాణ్యమైన వైద్య సేవలు అందనున్నాయి.



పేదల కోసం పెద్దాస్పత్రి

- 650 బెడ్లతో అత్యాధునిక రీతిలో నిర్మాణం
- మొత్తం అంచనా వ్యయం రూ.139.40 కోట్లు
- నేడు రాష్ట్రపతి చేతుల మీదుగా ప్రారంభం
- రాయలసీమ రోగులకు ప్రయోజనం

తిరుపతి మెడికల్ : ప్రస్తుతం శ్రీవారి పాదాల చెంత టీటీడీ ఆర్థిక సాయంతో శ్రీవేంకటేశ్వర వైద్య విజ్ఞాన సంస్థ (స్విమ్స్)లో 800 పడకలతో రోగులకు సూపర్ స్పెషాలిటీ వైద్య సేవలు [illegible] న్నారు. దీనికి తోడు మరింత నాణ్యమైన [illegible] చాలన్న లక్ష్యంతో తిరుపతి [illegible]

Shri **RAM NATH KOVIND**, Hon'ble P[illegible] watching the Hospital video along w[illegible] **Sri Narasimhan** & with Hon'ble [illegible] **Sri Nara Chandra[illegible]**

President to open SVIMS new hospita[illegible]

Dates of his maiden visit as the first citizen yet to be confirmed

STAFF REPORTER
TIRUPATI

The general hospital attached to the Sri Padmavathi Medical College for Women (SPMCW), functioning under the SVIMS management, is all set to be inaugurated by President of India Ram Nath Kovind, during his tentative visit to Tirupati on September 1 and 2.

This will be the maiden visit of Mr. Kovind to the abode of Lord Venkateswara, in his capacity as the President of India. Though the visit is yet to be officially confirmed, the district administration zeroed in on the places likely to be visited by the first citizen and reviewed the arrangements.

Collector P.S. Pradyumna, SVIMS Director-cum-Vice-Chancellor T.S. Ravikumar, Sub-Collector Nishanth Kumar and MCT Commissioner in charge M. Bhagyalakshmi visited the teaching hospital complex at Alipiri and inspected the entry and exit routes and escort protocols.

The general hospital is a major facility that is all set to be inaugurated by Mr. Kovind. The huge building complex with seven floors (including the cellar) will have 42 blocks at the rate of six per floor. "Thirty-four blocks are ready now and work is on to complete the rest at the earliest," says principal M. Hanumantha Rao.

Originally conceived as a [illegible] bedded hospital, [illegible] immediately accommodate patients after its formal i[illegible] tion. Mr. Kovind is ex[illegible] augurate the faci[illegible] ing his Tirup[illegible] with Gov[illegible] and [illegible]

Almost ready: The general hospital building attached to the SVIMS-run Sri Padmavathi Medical College for Women (SPMCW).

SVIMS NEWS

Inauguration of First program of SPMC(W) Hostel buildings by Shri **M. VENKAIAH NAIDU** as Vice - President elect

Shri **M. VENKAIAH NAIDU** Vice - President elect unveiling the plaque SPMC(W) Hostel Buildings along with Dr. Kamineni Srinivas, Hon'ble Health Minister of Andhra Pradesh

HANS EXCLUSIVE

Dr Charlotte Roberts tying the Rakhi to Vice-President elect Venkaiah Naidu at SVIMS in Tirupati on Monday. Minister K Srinivas and SVIMS Director Dr TS Ravi Kumar are also seen

Hans Photo: Kalakata Radhakrishna

US doc ties rakhi to Venkaiah

Tirupati: Dr Charlotte Roberts of USA tied Rakhi to Vice-President elect M Venkaiah Naidu at SVIMS here on Monday. He visited SVIMS to participate in the inaugurations and laying foundation stones for various development works. As the day being celebrated as Raksha Bandhan which falls on Sravana Poornima Day every year, Charlotte Roberts came on to the stage and tied Rakhi to Venkaiah. She is working in VCU Medical Centre, Richmond, Virginia. She was in SVIMS along with a team of doctors to attend the cardiology workshop. Venk... iah conveyed his greetings to the women and yo... medical students on the occasion saying that ... very pious day in Indian history and cultur... dians always take care of their sisters a... take care of their brothers. "I will take ... you take care of me and let's both t... country is the thinking and philos... try," he described. Local MLA ... the Rakhi to Venkaiah.

SVIMS NEWS

III ACADEMIC ACTIVITIES

III Academic Activities

INTRODUCTION

Sri Venkateswara Institute of Medical Sciences (SVIMS), Tirupati, established in the year1993, 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 36 super/broad speciality medical departments, three colleges and two inter-disciplinary departments and is developing into a centre of excellence for 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-specialities.

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 (MCI) granted permission and later recognition to start MBBS, MD, DM/M.Ch. courses in various specialities.

At present, the institute is offering 67 academic programmes. The total student's strength in the campus is 1765.

1.1 Courses offered

Faculty	Courses	No. of seats	Duration (Yrs)
Modern Medicine	**MBBS**	150	5 ½
	Broad-specialties		
	MD-Medicine	9	
	- Pathology	2	
	- Biochemistry	1	
	- Microbiology	1	3
	- Anaesthesiology	9	
	- Transfusion Medicine	1	
	- Radiotherapy	3	
	- Radio diagnosis	7	
	- Nuclear Medicine	4	
	- Emergency Medicine	2	
	Super-specialties		
	DM-Cardiology	4	
	- Nephrology	2	
	- Endocrinology	2	
	- Medical Oncology	2	
	- Neurology	3	3
	MCh- Cardiothoracic Surgery	4	
	- Neurosurgery	3	
	- Urology	4	
	- Surgical Oncology	2	
	- Surgical Gastroenterology	1	
	Fellowship Certificate Courses		
	- Nephrology	1	
	- Endocrinology	1	1
	- CT Surgery	1	
	- Surgical Gastroenterology	3	

	Anaesthesiology -sub specialities - Cardiac Anaesthesia - Neuro Anaesthesia - Critical Care **Certificate Courses for Medical Graduates** - Emergency Medicine - Basics of Dialysis Management	 2 2 2 4 2	
PhD	**PhD Programmes in** Anatomy, Anesthesiology , Biochemistry, Biotechnology, Bioinformatics, Cardiology, Cardiothoracic Surgery, Medicine, Endocrinology, Microbiology, Nephrology, Neurology, Neurosurgery, Nursing, Physiology, Radiotherapy, Surgical Oncology	No. of seats depends upon the availability of vacancies	3-5
Basic Medical Sciences	**Postgraduate courses - MSc (Medical) in** - Anatomy - Physiology - Microbiology - Biochemistry	 2 2 3 3	 3
Nursing	**BSc Nursing** **MSc Nursing** **Post Basic Diploma in Nursing** - Cardiac Intensive Care and Catheterization Laboratory Nursing - Cardiothoracic Surgery - Peritoneal Dialysis - Hemo Dialysis - Renal Transplantation	100 30 5 5 2 2 2	4 2 1
Physiotherapy	**BPT** **MPT**	50 12	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)	 20 12 2 9 6 2 6 2 4	 4
	PG Degree (MSc) - Cardiovascular Technology - Dialysis Technology **PG Diploma** - Medical Records Science - Dialysis Technology **Diploma** - Radiotherapy Technology (DRT)	 2 2 8 8 4	 2
Life Sciences	**MSc** - Biotechnology - Bioinformatics	 15 15	 2

1.2 SVIMS, Sri Padmavathi Medical College for Women

SVIMS-Sri Padmavathi Medical College for Women in its fourth year of functioning with intake of 150 students for every year is one of the premier institutions in Andhra Pradesh with good teaching faculty, infrastructure and latest equipments and imparting well organized and advanced teaching and training to the students. The college building was formally inaugurated by the Hon'ble Chief Minister of Andhra Pradesh on 16-12-2016. The present student's strength is 600.

The Hon'ble President of India is seen inaugurating SVIMS, Sri Padmavathi Medical College hosptial on 01.09.2017. The Hon'ble Chief Minister, Govt. of AP, the Hon'ble Governor of Govt. of AP and Telangana are also seen.

The Hon'ble Chief Minister during the inaugural function appreciated the management of the college for its efforts in maintaining a good college building with all the facilities needed for a standard medical college to impart the best knowledge to the students. He interacted with some of the students and also invited suggestions from the teaching staff of the college. He advised the students to come out with innovative ideas in cohesion with latest developments in the medical field and to excel in service to the people.

Sri Padmavathi Medical College Hospital

The newly constructed Sri Padmavathi Medical College hospital with 650 bed strength was inaugurated by the Hon'ble President of India, Sri Ram Nath Kovind on 01-09-2017. The Hon'ble Chief Minister of Govt. of Andhra Pradesh Sri Nara Chandrababu Naidu and the Hon'ble Governor of Govt. of Andhra Pradesh and Telangana, Sri E.S.L. Narasimhan also attended the inaugural function.

The OP & IP services in the specialties of General Medicine, General Surgery, Obstetrics & Gynecology, Pediatrics, Ophthalmology, E.N.T, Dermatology, Dental Surgery, TB & Chest and Psychiatry are presently being run in the new hospital building developed by APMSIDC with an estimated cost of Rs.98.86 crores.

The Govt., of Andhra Pradesh, Health, Medical and Family welfare (C2) department has sanctioned 182.11 Crores for development of additional infrastructure, equipments etc., vide G.O.Rt.No.337 and 338 dated 24-05-2017 for SPMC (W) College.

Girls Hostel:

The newly constructed MBBS girl's hostel was inaugurated by Hon'ble Vice-President of India, Sri M. Venkaiah Naidu on 07-08-2017.

The new girls hostel for MBBS women students is equipped with 144 rooms (72 rooms single occupancy and 72 rooms triple occupancy) and supporting facilities. The hostel building was constructed with an amount of Rs.16.4 Crores.

College council:

The college council was constituted comprising the heads of the departments as members and Principal as Chairperson. The objectives of the college council is to draw up the details of curriculum and training programme, enforcement of discipline, other academic matters and welfare of the students. The council plans to organize interdepartmental meetings like grand rounds, statistical meetings and clinico pathological meetings, periodical research review in the institution regularly.

Following are the college council members

1. Principal	-	Chairman
2. All the Professors of & Heads of the Departments	-	Member
3. One Official from the administration	-	Member
4. Chief Warden	-	Member
5. Physical Director	-	Member
6. Member from Library Committee Dr H. Narendra	-	Member

Meetings of the college council

For the year 2017, the College council meetings were held and the following subjects were discussed / approved

1. 13th January 2017 – Student timetable related subjects
2. 13th May 2017 – MCI requirements
3. 24th August 2017 – Student related subjects
4. 21st October 2017 – Vertical Integration module

Anti ragging Committee

The Anti ragging committee was constituted as per the guide lines of Supreme Court of India, MCI and UGC norms.

Committee members:

1. Principal	– Chairman
2. Prof. & HoD of Pharmacology	– Member
3. Vice-principal (Clinical)	– Member
4. Vice-principal (Pre-clinical)	– Member
5. Prof. & HoD of Anatomy	– Member
6. Prof. & HoD of Forensic Medicine	– Member
7. Ms. V. Pranitha, 3rd MBBS	– Member
8. Ms. K. Meghasri, 3rd MBBS	– Member
9. Ms. Allu Pallavi, 2nd MBBS	– Member
10. Ms. V. Indu Sree, 2nd MBBS	– Member
11. Mr. T. Pooja Sree, 1st MBBS	– Member
12. Ms. V. Sushrutha, 1st MBBS	– Member

The above committee conducted awareness programme on ragging for 2015-16 and 2017-18 batch students on 05-10-2017. The following dignitaries spoke on the awareness campaign and guided the students.

1. Sri. M. Muniramaiah, DSP (East Sub division Urban Police)
2. Smt. M. Subhashini – Advocate, Tirupati
3. Sri. V. Srikanth Reddy, Psychologist

Pharmaco Vigilance Committee

The Pharmaco vigilance 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. Principal	- Chairman
2. Medical Superintendent	- Member
3. Professor & HoD of Pharmacology	- Co-ordinator
4. Dr B. Siddartha Kumar, Professor of Medicine	- Member
5. Professor & HoD Surgery	- Member
6. Professor & HoD of Pediatrics	- Member
7. Dr K.R. Subhash, Assoc. Professor of Pharmacology	- Member
8. Dr K Vijaya Chandra Reddy, Asst. Prof. of Pharmacology	- Member
9. Dr A Surekha, Asst. Professor of Dermatology	- Member
10. Smt. C. Suneetha, Nursing Superintendent Gr. I	- Member

Institutional Animal Ethics Committee

Animal Ethics Committee is one of the prerequisite for the university/institution/college running UG and PG programme in medical education. Further in terms of rule 3 and 4 of the breeding of experimental animals (control and supervision) rules, 1998, every establishment involved with handling (Education, Research, Breeding Trading and Production of Hyper-immune serum etc.,) of laboratory (small and large) animals is required to register with CPCSEA with required members.

The members of the committee are:

1. Principal	- Chairman
2. Prof. & HoD of Pharmacology	- Member

3. Dr K.R. Subhash, Assoc. Professor of Pharmacology - Member Secretary
4. Dr PVGK. Sarma, Assoc. Prof. of Bio-technology - Scientist in charge of Animal House
5. Dr Abhijit Chaudhury, Prof. of Microbiology - Member
6. Dr RV. Suresh Kumar, Prof. S.V. Vet. Univ. - Veterinarian
7. External Scientist – 3 members to be nominated by CPCSEA

The registration of the committee under the name of the SVIMS University with CPCSEA is under process.

Curriculum committee:

This committee is constituted as per the MCI guidelines with the specialists from the following fields as members for implementation of attitudinal & communication competencies (ATCOM module) for Indian medical graduate.

1. Principal - Chairman
2. Dr V. Subhadra Devi, Prof. & HoD of Anatomy - Member
3. Dr D.S. Sujith Kumar, Assoc. Prof. of Community Medicine - Member
4. Dr Alladi Mohan - Professor of Medicine - Member
5. Dr R. Arun, Associate Professor of Transfusion Medicine - Member
6. Dr Y. Mutheeswaraiah, Professor of Surgery - Member
7. Dr B.Sreehari Rao - MEU Coordinator - Member
8. Dr Sharan B. Singh M., Professor of Physiology - Member
9. Dr Aparna R. Bitla, Professor of Bio-chemistry - Member
10. Dr Arpana Bhide, Assistant Professor of Physiology - Member

Dr Abhijit Chaudhury, Professor of Microbiology is nominated as 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 being collected at the end of each programme and also test the student grasping on the specific topic is being tested by conduction MCQ test.

Medical Education Unit

The Medical Education Unit (MEU) was created with an objective to enable the faculty to improve their knowledge and skills in teaching, educational research and educational administration and to sensitize, equip and empower teachers for discharging their professional responsibilities. To co-ordinate and organize the faculty development workshops in medical education.

The MEU is constituted with the following members:

Advisors: Director cum VC, Dean, SVIMS and Professor & HoD of Anatomy

1. Principal - Chairman
2. Dr B. Srihari Rao, Professor of General Surgery - Co-ordinator
3. Dr Alladi Mohan, Vice-Principal (Clinical) - Convener
4. Dr Sharan B. Singh. M, Professor & HoD of Physiology - Member
5. Dr K. Umamaheswara Rao, Professor & HoD of Pharmacology - Member
6. Dr Amith Kumar Chowhan, Associate Professor of Pathology - Member
7. Dr R. Arun, Associate Professor of IHBT - Member
8. Dr Silpa Kadiyala, Assoc. Prof. of Radio Diagnosis - Member
9. Dr Arpana Bhide, Asst. Prof. of Physiology - Member
10. Dr D.S. Sujith Kumar, Dept. of Community Medicine - Member

Details of faculty who have undergone training in Medical Education Technology at CMCH, Vellore during the year 2017 are:

1. **Advanced course in Medical Education (ACME):** Dr M. Hanumantha Rao, Principal, attended the ACME module at CMC Vellore during 5-9 September 2017.

2. **ATCOM Module :** Dr Sujith Kumar, Dept. of Community Medicine also attended the ATCOM module at CMC, Vellore on 28th July 2017.

3. **Revised Basic Course :** Dr Sujith Kumar, Asst..Prof of Community Medicine also attended the Revised Basic course workshop at CMC vellore during 25 - 27 July 2017.

4. **ATCOM Module :** Dr Amit Kumar Chowhan, Asst..Prof of Pathology also attended the ATCOM module at CMC vellore on 28th July 2017.

5. **Revised Basic Course :** Dr Amit Kumar Chowhan, Asst..Prof of Pathology also attended the Revised basic course workshop at CMC vellore during 25th to 27th July 2017.

Student Awards and achievements

1. **Sadam Haripriya,** III MBBS Student, was awarded First Prize from SRMC Equinox 2017 for Poster Research titled Computational Analysis and Insilco Drug Optimization of Non Selective Beta Blockers on Beta 3 Receptors under the guidance of Dr K.R.Subhash, Associate Professor of Pharmacology. The poster was selected for ICMR SPS 2017.

2. **Ushasree Sadana,** III MBBS Student, was awarded First Prize from OSMECON 2017,12 August, Osmania Medical College for Case Presentation on Papilary Carcinoma in Thyroglossal Cyst under the guidance of Dr R.Mutheeswaraiah, Professor of General Surgery.

3. **Rishita Rayala,** III MBBS student, was awarded first prize from OSMECON 2017, 12th August, by Osmania medical college for INVICTUS (poetry competition) on adolescent and reproductive health theme.

4. **Samhitha Reddy Akepati,** MBBS III Year student was awarded second prize for presenting a case of glomus tumour in subungual region at SMARC 2017, Konaseema Institute of Medical Sciences, Amalaapuram on 9.9.2017.

Various programmes conducted during 2017

The 1st A.P. State Level Quiz in Physiology "HAYAGREEVA - 2017" was organized by Dept. of Physiology on 21-04-2017 for 1st year MBBS students participated from 13 Colleges in AP.

The Principal & faculty are seen participated in Nava Nirmana Diksha Prathigna on 02-06-2017

A Orientation Programme was organized for 4th batch of MBBS students on 09-08-2017. The Director-cum-VC i/c, Principal & HoD's addressed on the occasion

1.3 College of Nursing

The College of Nursing was established in the year 1996 with the 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 100 and MSc (N) is 30 in each academic year.

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 50 and MPT is 12 in each academic year. 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.

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 15 in each academic year.

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, as a 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 15 in each academic year.

1.6 Permission and recognition for the courses by MCI

i) MCI inspections were held for the following academic programmes:

S.No	Name of the course	Purpose	Date	Result
1.	MD General Medicine	Increase of seats	28.03.2017	Permitted from 04 to 09
2.	MD Radio-diagnosis	do	do	Permitted from 02 to 07
3.	MD Radiotherapy	do	do	Permitted from 02 to 03
4.	MD Nuclear Medicine	do	do	Permitted from 02 to 04
5.	MD Anaesthesia	do	do	Permitted from 08 to 09
6.	MD Emergency Medicine	Recognition of 02 (two) seats	16.06.2017	Recognized
7.	MD Nuclear Medicine	Recognition of 02 (two) seats	30.06.2017	Recognized
8.	MD Transfusion Medicine	Renewal of Recognition of 01 (one) seat	23.06.2017	Recognized
9.	MD Anaesthesia	Recognition of 08 (eight) seats	10.07.2017	Recognized

1.7 Student enrollment for the academic year 2017-18

Admission procedure:

MBBS course: The 4th batch (2017-18) of 150 students -127 merit (85%) & 23 NRI (15%) category from the eligible candidates of A.P / Telangana got admitted by Dr NTR UHS, based on NEET - UG ranks declared by CBSE on All India basis.

PG courses (MD): For 39 seats in 10 broad specialties, admissions were made by Dr NTR UHS from the eligible candidates of AP / Telangana based on NEET - PG ranks declared by NBE on All India basis.

PG super speciality courses (DM/ MCh): For 27 seats in 10 specialities, admissions are made by Medical Counseling Committee, DGHS, Govt. of India based on NEET- Super Specialty (SS) ranks declared by NBE on All India basis.

For rest of the courses i.e. UG, PG in Nursing, Physiotherapy, Paramedical, Life sciences, Fellowship / Certificate courses, PhD Programme admissions were made by SVIMS by inviting applications from the eligible candidates of A.P/ Telangana. The University received 2490 applications for various courses and admissions were made on the basis of marks secured in the qualifying examination except MSc Nursing basing on merit in the entrance test conducted by SVIMS.

The academic calendar started in August, 2017 for all the courses except PG Medical (MD) courses in June 2017, MBBS in September 2017 and Nursing programmes in October 2017.

For the academic year 2017-18, 540 students were admitted against 582 seats offered in various academic programmes with enrollment of 93%. The details of students admitted in each course is as follows:

1. Modern Medicine

S. No.	Course	In take	OC		BC		SC		ST		PHC		Minority		Total		Total No. of students admitted
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1	**MBBS**	150	-	56	-	56	-	19	-	9	-	-	-	10	-	150	150
2	**PG courses**	39	5	10	7	6	5	-	2	1	-	-	-	-	19	17	36
	Anaesthesiology	09	1	3	1	2	1	-	-	1	-	-	-	-	3	6	09
	Biochemistry	01	-	-	-	-	1	-	-	-	-	-	-	-	1	-	01
	Microbiology	01	-	1	-	-	-	-	-	-	-	-	-	-	-	1	01
	Medicine	09	1	1	3	2	1	-	1	-	-	-	-	-	6	3	09
	Pathology	02	-	1	-	1	-	-	-	-	-	-	-	-	-	2	02
	Transfusion Medicine	01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Radiotherapy	03	-	1	-	1	-	-	-	-	-	-	-	-	-	2	02
	Radio-diagnosis	07	1	2	2	-	1	-	1	-	-	-	-	-	5	2	07
	Nuclear Medicine	04	1	1	-	-	1	-	-	-	-	-	-	-	2	1	03
	Emergency Medicine	02	1	-	1	-	-	-	-	-	-	-	-	-	2	-	02
3	**DM courses**	13	7	2	4	-	-	-	-	-	-	-	-	-	11	2	13
	Cardiology	04	3	-	1	-	-	-	-	-	-	-	-	-	4	-	04
	Neurology	03	-	1	2	-	-	-	-	-	-	-	-	-	2	1	03
	Nephrology	02	1	-	1	-	-	-	-	-	-	-	-	-	2	-	02
	Endocrinology	02	2	-	-	-	-	-	-	-	-	-	-	-	2	-	02
	Medical Oncology	02	1	1	-	-	-	-	-	-	-	-	-	-	1	1	02
4	**MCh courses**	14	6	-	2	2	-	-	-	-	-	-	-	-	8	2	10
	Cardiothoracic Surgery	04	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Neurosurgery	03	3	-	-	-	-	-	-	-	-	-	-	-	3	-	03
	Urology	04	3	-	1	-	-	-	-	-	-	-	-	-	4	-	04
	Surgical Oncology	02	-	-	1	1	-	-	-	-	-	-	-	-	1	1	02
	Surgical GE	01	-	-	-	1	-	-	-	-	-	-	-	-	1	1	02
5	**Fellowship Certificate courses**	09	1	-	1	-	-	-	1	-	-	-	-	-	3	-	03
	Critical care	02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cardiac anesthesia	02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Neuro Anaesthesia	02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Surgical GE	03	1	-	1	-	-	-	1	-	-	-	-	-	3	-	03
6	**Certificate course for Medical graduates**	06	-	1	-	-	-	-	-	-	-	-	-	-	-	1	01
	Emergency Medicine	04	-	1	-	-	-	-	-	-	-	-	-	-	-	1	01
	Basics of Dialysis Management	02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total Students:	**231**	**19**	**69**	**14**	**64**	**5**	**19**	**3**	**10**	**-**	**-**	**-**	**10**	**41**	**172**	**213**

2. Ph.D Programmes

S. No.	Course	In take	OC		BC		SC		ST		PHC		Minority		Total		Total No. of students admitted
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	
7	**PhD**	16	2	-	2	2	1	-	-	-	-	-	-	-	5	2	07
	Anaesthesia	01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Anatomy	02	1	-	-	-	1	-	-	-	-	-	-	-	2	-	02
	Biotechnology	04	1	-	-	1	-	-	-	-	-	-	-	-	1	1	02
	Bioinformatics	01	-	-	-	1	-	-	-	-	-	-	-	-	-	1	01
	Cardiology	01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	CT Surgery	02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Microbiology	01	-	-	1	-	-	-	-	-	-	-	-	-	1	-	01
	Nephrology	01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Physiology	01	-	-	1	-	-	-	-	-	-	-	-	-	1	-	01
	Radiotherapy	01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Surgical Oncology	01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total students:	**16**	**2**	**-**	**2**	**2**	**1**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**5**	**2**	**07**

3. Life sciences, paramedical and allied health sciences courses

S. No.	Course	In take	OC		BC		SC		ST		PHC		Minority		Total		Total No. of students admitted
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	
8	**BSc (N)**	100	5	12	4	38	2	27	2	4	-	1	1	4	14	86	100
9	**BPT**	50	4	11	-	17	3	6	-	5	-	-	-	4	7	43	50
10	**BSc (Para medical)**	63	1	10	6	26	1	11	1	3	-	-	1	3	10	53	63
	AT	12	1	2	2	3	-	2	-	1	-	-	-	1	3	9	12
	MLT	20	-	3	-	9	-	5	-	1	-	-	-	2	-	20	20
	CVT	06	-	1	-	4	-	1	-	-	-	-	-	-	-	6	06
	NPT	02	-	-	-	2	-	-	-	-	-	-	-	-	-	2	02
	RIT	09	-	1	1	2	-	2	1	1	-	-	1	-	3	6	09
	NMT	02	-	-	2	-	-	-	-	-	-	-	-	-	2	-	02
	DT	06	-	2	1	2	-	1	-	-	-	-	-	-	1	5	06
	CPPT	02	-	-	-	2	-	-	-	-	-	-	-	-	-	2	02
	EMST	04	-	1	-	2	1	-	-	-	-	-	-	-	1	3	04
11	**MSc (N)**	30	1	8	3	6	-	7	-	3	-	-	1	-	5	24	29
12	**MPT**	12	1	5	1	2	1	1	-	-	-	-	-	1	3	9	12
13	**MSc**	34	4	6	1	5	2	1	-	1	-	-	-	1	7	14	21
	Biotechnology	15	3	5	-	3	1	1	-	1	-	-	-	1	4	11	15
	Bioinformatics	15	-	1	-	1	1	-	-	-	-	-	-	-	1	2	03

	Cardiovascular Technology	02	1	-	-	-	-	-	-	-	-	-	-	-	1	-	01
	Dialysis Technology	02	-	-	1	1	-	-	-	-	-	-	-	-	1	1	02
14	**MSc Medical**	10	-	4	-	4	-	1	-	1	-	-	-	-	-	10	10
	Anatomy	02	-	1	-	1	-	-	-	-	-	-	-	-	-	2	02
	Physiology	02	-	-	-	1	-	-	-	1	-	-	-	-	-	2	02
	Biochemistry	03	-	2	-	1	-	-	-	-	-	-	-	-	-	3	03
	Microbiology	03	-	1	-	1	-	1	-	-	-	-	-	-	-	3	03
15	**Post Basic Diploma in Nursing**	16	-	1	5	5	1	1	-	1	-	-	1	-	7	8	15
	Cardiac Intensive Care & Catheterization Lab.	05	-	1	1	1	1	-	-	-	-	-	1	-	3	2	05
	Cardiothoracic surgery	05	-	-	2	1	-	1	-	1	-	-	-	-	2	3	05
	Peritoneal Dialysis	02	-	-	-	1	-	-	-	-	-	-	-	-	-	1	01
	Hemo Dialysis	02	-	-	-	2	-	-	-	-	-	-	-	-	-	2	02
	Renal Transplantation	02	-	-	2	-	-	-	-	-	-	-	-	-	2	-	02
16	**PG Dip. in Para medical courses**	16	-	-	3	2	6	3	1	-	-	-	1	-	11	5	16
	Dialysis Technology	08	-	-	2	1	4	-	1	-	-	-	-	-	7	1	08
	Medical Records Science	08	-	-	1	1	2	3	-	-	-	-	1	-	4	4	08
17	**Diploma in Para medical disciplines**	04	1	-	-	-	1	-	1	-	-	-	-	1	3	1	04
	Radiotherapy Technology	04	1	-	-	-	1	-	1	-	-	-	-	1	3	1	04
	Total Students:	**335**	**17**	**57**	**23**	**105**	**17**	**58**	**5**	**18**	**-**	**1**	**5**	**14**	**67**	**253**	**320**
	GRAND TOTAL (1+2+3)	**582**	**38**	**126**	**39**	**171**	**23**	**77**	**8**	**28**	**-**	**1**	**5**	**24**	**113**	**427**	**540**

1.8 Scholarships

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 2016-17, an amount of 2,63,06,396 was released to the beneficiaries as detailed bellow:

S. No.	Student Category	No. of students benefited	Amount sanctioned (`)
01.	SC	162	60,16,148
02.	ST	45	16,75,131
03.	BC	308	1,16,39,362
04.	EBC	149	44,43,724
05.	Minority	69	25,32,031
	TOTAL	**733**	**2,63,06,396**

For the year 2015-16, the Government fixed the ceiling limit of the annual parental income to Rs. 2,00,000/- for SC, ST categories and Rs. 1,00,000/- for BC, EBC & Minority 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 Hostels

The University provides hostel facility for boys, girls and resident doctors. The accommodation available and occupied for the year 2017 is furnished below:

S. No.	Name of the Hostel Block	No. of Rooms	
		available	Allotted
1	P.G. Doctors Hostel – I	44	44
2	P.G. Doctors Hostel – II	47	46
3	Boys Hostel	47	47
4	Girls Hostel – I (BIRRD)	26	26
5	Girls Hostel – II	55	55
6	Girls Hostel (New) – III	61	61
7	Girls Hostel (New) – III for MBBS students	67	58
8	SPMC (W) Hostel	144	123
	Total:	**491**	**460**

1.10 Quarters

The Institute provides accommodation for teaching and non-teaching staff within the campus. The accommodation available and occupied for the year 2017 is furnished below:

S. No.	Name of the Quarters	No. of Rooms	
		Total	Allotted
1	Faculty Quarters (Blocks- I, II, III)	17	17
2	Professors Quarters – South (Vedadri block)	12	12
3	Asst. Professors Quarters – Middle (Srinivasa block)	16	16
4	Asst. Professors Quarters- North (Sudharshanam Block)	16	16
5	BIRRD Faculty Quarters	02	02
6	Nursing / Non-Teaching staff Quarters, (4 blocks of 12 each)	48	46
	Total	**111**	**109**

2.0 Examination Activities

The Examination Section is responsible for making all the arrangements necessary for holding examinations and timely declaration of results. During 2016-17 academic year, the university conducted examinations for various courses i.e. DM, MCh, MD, MSc Medical, MSc Life Sciences, MPT, MSc Nursing, BPT, BSc Nursing , BSc Allied Health Sciences. The institute is also running the PhD programme. The functions of examination section include preparation of mark lists, awarding degrees etc.

The department also actively participates in organizing the convocation of the Institute every year.

The details of University examinations, M.Sc. Nursing Entrance examination, Ph.Ds awarded and the best outgoing students for the academic year 2016-17 are as follows:

2.1 Examination results (Regular and Supplementary)

The final year examinations which were conducted for the period from January- August, 2017 are as follows:

Name of the course	Number of students appeared		Number of students passed		Percentage of pass	
	Jan/Feb 2017	July/Aug 2017	Jan/Feb 2017	Jun/July 2017	Jan/Feb 2017	July/Aug 2017
D.M./M.Ch. Courses	1	23	1	22	100	95.65
M.D. Courses	-	20	-	20	-	100
Post Graduate						
Master of Physiotherapy	-	12	-	12	-	100
M.Sc. Nursing	-	30	-	30	-	100
M.Sc. Medical courses	-	7	-	6	-	85.71
M.Sc. Biotechnology & Bioinformatics	-	19	-	18	-	94.73
Under Graduate Bachelor of Physiotherapy	-	42	-	42	-	100
B.Sc. Nursing	3	89	3	88	100	98.87
B.Sc. Paramedical Technical courses	2	60	2	56	100	93.33
Diploma/Certificate courses						
P.G. Diploma in Para Medical Technical courses	-	16	-	16	-	100
Post Basic Diploma in nursing	-	11	-	11	-	100
BPT Condensed course	-	5	-	5	-	100
Diploma in Radiotherapy Technology	-	3	-	2	-	66.66

2.2 Best outgoing students (2016-17)

Course	Name
D.M. courses	Dr G.Praveen Kumar, D.M. Endocrinology
M.Ch. courses	Dr S.Vekata Chiathanya, M.Ch, Genito Urinary Surgery
M.D. courses	Dr Poonam Agarwal, M.D Radio-diagnosis
M.D. Medicine	Dr M.Aruna, MD Medicine
M.Sc. Nursing	Ms.S.Girijamma, Ms. V.Kusuma
Master of Physiotherapy	Ms. B.Harika
M.Sc. Medical courses	Ms.P.Gowthami
M.Sc. Biotechnology	Ms.E.Samundeswari
M.Sc. Bioinformatics	Ms.P.Sivaranjani
B.Sc. Nursing	Ms.M.Hemalatha
Bachelor of Physiotherapy	Ms.K.Anusha
B.Sc. Paramedical technical courses (2013 Batch)	Mr.R.Manjunath
B.Sc. Paramedical technical courses (2014 Batch)	Ms.K.Swetha

2.3 Medals awarded

1. Dr Nyapathi Ramachandra Rao Gold Medal – Dr M. Aruna, M.D. (Medicine)
2. Dr G. Subramanyam & Dr Sunitha Subramanyam Medals -
   - Dr Poonam Agarwal, M.D Radio-diagnosis - First among the students of all M.D. courses
   - Dr G.Praveen Kumar, D.M Endocrinology - First among the students of all D.M. courses
   - Dr S.Venkata Chiathanya, M.Ch, Genito Urinary Surgery – First among the students of all M.Ch. courses
   - Ms. M.Hemalatha, B.Sc. Nursing
   - Ms. K.Anusha, Bachelor of Physiotherapy for the year – 2016
3. Late Dr P.Subrahmanyam, IAS Medal - Ms.P.Sivaranjani, M.Sc. Bioinformatics (First among the students of Life Sciences)
4. Faculty, College of Physiotherapy Medal - Ms. B.Harika, Master of Physiotherapy
5. Merit Certificates
   - Ms.P.Gowthami, Medical Biochemistry- First among the students of all M.Sc. Medical courses
   - Ms.S.Girijamma – M.Sc. Nursing
   - Ms.V.Kusuma – M.Sc. Nursing
   - Ms.E.Samundeswari – M.Sc. Biotechnology
   - Mr. R.Manjunath – B.Sc. Nuclear Medicine Technology - First among the students of all Paramedical courses for the year 2016
   - Ms. K.Swetha – B.Sc. Cardiac Pulmonary Perfusion Technology - First among the students of all Paramedical courses for the year 2017
6. Medals awarded for 1st MBBS

   Dr V.Jayaram and Mrs. Lalitha Jayaram Medal for the year 2016 – Ms. S.Sonica, Topper in (1st M.B.B.S)

Entrance Examination

S. No	Name of the entrance examination	Date	No. of candidate appeared
1	M.Sc. Nursing	08.08.2017	64

PhD Degree awarded

For the year 2016-17 the Institute has awarded 6 PhD degrees in Medical and Allied Health Sciences.

3.0 Enhanced services at SVIMS

1. **C-fAR:** Centre For Advanced Research building is nearing completion and will be inaugurated shortly. This is made possible by a large donation of Rs. 12 Crores by Ms. Vital Laboratories Pvt. Ltd. under SBAVPS. This facility spans 36,000 sq. ft. built as G + 3 floors with potential to add 2 more floors. The programs on each of the floors are thematically designed, in keeping with the cross cutting research themes envisioned in the roadmap.

2. **Construction of New PG Residents Hostel:** With an estimated cost of Rs.5.65 Crores was constructed with 89 rooms, dining hall, recreation hall & kitchen facility in G+2 floors and is ready for occupation.

3. **High Dose Therapy unit in Nuclear Medicine:** The construction work with an estimated cost of Rs.1.02 Crores was completed and the Unit is functional since October 2017.

4. **3rd floor over OPD block:** The construction work with estimated cost of Rs.4.80 Crores was started for establishing Male medicine ward, Faculty rooms, Surgical GE- OTs, Ward and Faculty rooms. The work will be completed by Jan 2018.

5. **Radiology extension block:** For establishing Ultrasonography, Doppler, Mammography and Digital Subtraction Angiography. Construction work was completed with an estimated cost of Rs.70.5 lakhs and is ready for occupation.

4.0 Recognitions for SVIMS contributions

4.1 Awards

1. Dr PVLN Srinivasa Rao, Senior Professor and Head released a book entitled ***"Mathematical Computations in Medical Biochemistry"*** which has been published and awarded by AMBICON 2017 at the 25th National Conference of AMBI held at Mysuru, Karnataka during 17-19 November 2017.

2. Prof. Abha Chandra, Professor & Head was awarded the ***Dr A.K.Basu Visiting Professor 2016*** by the Indian Association of Cardiovascular and Thoracic Surgeons, India at the IACTSCON 2017, Bangaluru in February 2017.

3. Dr Alok Sachan, Professor and Head was awarded with ***"Andhra Pradesh State Best Teacher Award"*** at University Level from Govt. of AP during Teachers Day celebration held at Vijayawada on 5th September 2017.

4. Dr R Ram, Professor& Head was awarded ***Fellow of Royal College of Physicians,*** London for his committed Patient service, Research & Publication work in International Journals on 17th June 2017.

5. Dr B. Vengamma, Senior Professor and Head was awarded

- ***"Neurology Expert award 2017"*** under category of Neurology at 4th Annual National Health Award -2017 function at India International Centre New Delhi by Nutrition and Natural Health Science Association on 27th December 2017.
- ***"Visishta Ratna and Shiromani"*** on the eve of the 107th Chittoor District Formation Day Celebrations by Academy of Grassroots Studies and Research of India (AGRASRI) at Hotel Bliss, Tirupati on on 1st April 2017.

6. Dr B.C.M. Prasad, Senior Professor & Head was awarded by ***Andhra Pradesh Science Congress (APSC 2017)*** at Visakhapatnam during 7-9 November 2017.

7. Dr B.C.M. Prasad, Senior Professor & Head and Dr V.V. Ramesh Chandra, Professor received prestigious international award ***BMJ (British Medical Journal) South Asia awards*** for the year 2017 project titled "Development of the surgical program for spinal deformity at a tertiary center –challenges and outcomes" which stood as a finalist in the "Surgical team of the year" category of the at New Delhi on 18th November 2017.

8. Dr T.Padma Sudhakar, Professor & Head was awarded prestigious ***Dr D.S.Raju*** oration on Antenatal factors of Psychiatric Disorders in July 2017.

9. Dr H.Narendra, Professor & Head was awarded ***FRCS (Glasg)*** by Royal college of Physicians and Surgeons, Glasgow UK on 26th May 2017 and ***Detroit Visiting fellowship*** of Indian association of surgical oncology under Prof. Donald Weaver, Chief, Department of Surgery and Surgical Oncology, Detroit Medical Centre, Wayne State University, Detroit, Michigan during 22-27 May 2017.

10. Dr V.V. Ramesh Chandra, Professor received the ***International fellowship in spinal deformity (Indo American Spine Alliance -IASA)*** under Dr Munish Gupta, at Washington University, in St. Louis, MO - in September 2017.

11. Dr K. R. Subash, Associate Professor was awarded **Best Paper** in IPTCON 2017 at Sri Padmavathi Mahila University, Tirupati a UGC-Sponsored National Conference during 6-7 February 2017 .

12. Dr Naveen T, Associate Professor, was awarded ***Fellowship in Parkinson's disease and other movement disorders*** at NIMHANS during July 2016 to June 2017.

13. Dr K.Madhavi, Professor and Principal i/c received ***"State Best Teacher Award"*** from State Government of Andhra Pradesh at Vijayawada on 5th September 2017.

14. Dr P.V.G.K. Sarma, Associate Professor and Head, Department of Biotechnology received ***A.P. State Best Teacher award on 5th September 2017.***

15. Dr A. Umamaheswari, Associate Professor & Head was awarded with ***DBT-Incentive Award - 2016*** under BIF University category by DBT, Govt. of India at ACTREC, Mumbai during 3-4 February 2017.

16. Dr Silpa Kadiyala, Assistant Professor received

- ***"Dr Ashok Mukharjee Award"*** from Indian Radiological Imaging Association (IRIA) presented a paper at 70th Annual conference, Jaipur in January 2017

- Award of ***"Fellow of Royal College of Radiology (FRCR)"*** Degree by the Royal College, London in April 2017 .

17. Dr G.Siva Rama Krishna, Assistant Professor received Fellowship (FACRSI) from the Association of Colon and Rectal Surgeons of India at Coimbatore on 15th September 2017.

18. Dr C.Chandramaliteeswaran, Assistant Professor has received Fellowship (FIAGES) from the Indian Association of Gastro Endo Surgeons at Hyderabad on 10th February 2017.

19. Dr D.Varun, Assistant Professor was awarded ***"Best paper"*** at the 14th annual conference of Indian Chapter of International Hepato-pancreato-biliary association (IHPBA 2017) for a paper on "Clinical Relevance of Day 3 amylase in predicting outcomes following Pancreaticoduodenectomy" at Bengaluru during 27-29 January 2017.

20. Dr S.V.Chaitanya, Assistant Professor was awarded ***Gold medal*** for the best outgoing in MCh Surgical Superspeciality (Dr Suneetha & Dr Subramanyam Gold medal) of SVIMS for the year 2017.

21. Mrs M. Sreelatha, Assistant Professor received award for ***Best Women teacher*** from Vidya Parirakshana Samithi at Sri Padmavathi Women Degree & PG College, Tirupati on 31st December 2017.

22. Dr C.Shanthi, Assistant Professor received ***"Significant Contribution Award"*** by 55th Annual Conference of Indian Association of Physiotherapy at Ranchi, Jharkhand during 3-5 February 2017.

23. Dushyanth Babu J, Assistant Professor was awarded **"Best paper Award"** with cash prize of Rs. 5000 and presented a paper on "Sleep in Parkinsonism: A polysomnography based study" at 24th Annual Conference of AP. Neuro Scientists' Association AP NEUROCON – 2017, Nellore during 10-11 June 2017.

24. Dr Praveen Kumar.G, Assistant Professor was awarded ***"Dr G.Subramanyam & Dr Smt.Sunitha Subramanyam medal"*** for the year 2017 at the 8th Convocation on 2nd December 2017 for securing ***First Rank*** in DM. Degree Examination among the students of all D.M. Courses.

25. Dr P.Nitesh Naga Balaji, MCh Senior Resident was awarded :

- ***"Vyagreswarudu"*** Best paper award at the 40th Annual conference of Association of Surgeons of India – AP state chapter (APASICON 2017) for a paper on "Better predictor of outcomes following pancreaticoduodenectomy: Day 3 Versus Day 5 amylase measurements" at Guntur during 18-20 August 2017

- ***"Best paper"*** under state chapter categories at the ASICON 2017 for a paper on "Better predictor of outcomes following pancreaticoduodenectomy: Day 3 Versus Day 5 amylase measurements" at Jaipur during 26-30 December 2017.

26. Dr Poonam Agarwal, Senior Resident was awarded ***Gold Medal*** for the best outgoing MD Resident (Dr Suneetha & Dr Subramanyam Gold medal) of SVIMS for the year 2017.

27. Dr Sunnesh Reddy, DM Senior Resident won ***Second prize*** in ISNSCCON 2017 national conference held at Pondicherry, JIPMER during 10-12 February 2017.

28. Dr Sai Sameera, DM Senior Resident won ***Second prize*** in ISNCON 2017 national conference held at Delhi during 14-17 December 2017.

29. Sai Krishna Chaitanya, DM Senior Resident won the ***First Prize*** and was awarded ***"Best Paper Award"*** for presenting paper on "A rare case of 46XY DSD with cardiac conduction defect." in Assam Endocrine Society Conference (AESCON) 2017, Guwahati during 9-10 September 2017.

30. B.Sree Divya, DM Senior Resident won the ***First Prize*** and was awarded Gold Medal in ***"Dr Subhasini and Dr Kamalakar Reddy Endowment Quiz"*** held at host institute, Tirupati on 28th February 2017.

31. Dr R. Ramya Priya, Senior Resident was short listed for Arcot Gajraj Award in the category of ***Best Paper Presentation.***

32. Dr D. Sreenivasa Reddy, DM Senior Resident was awarded

- ***First prize*** in Poster Presentation held in ICCCON-2017 for his paper titled "Determinants of total Ischemic Time in primary percutaneous Coronary Interventions - a prospective analysis" at Bhubaneshwar during 15-17 September 2017.

- Dr G. Subramanyam ***Gold Medal*** for best research paper presentation at APCSI-2017 conference for his paper titled "Determinants of total Ischemic Time in primary percutaneous Coronary Interventions - a prospective analysis at Nellore during 7-8 October 2017.

33. Dr K. Kiran Kumar, DM Senior Resident won ***Second Prize*** for free paper presentation at APCSI-2017 conference for his paper titled " Gene variations in cardiac Cytochrome P450 epoxygenases and its association with endothelial dysfunction in patients with coronary artery disease" at Nellore during 7-8 October 2017.

34. Dr K.Shilpa, Dr V.Praveena and Dr V.Santhosh., DM Senior Residents were attended "INDO-UK Oncology summit" participated in IBHS ground Oncology quiz and won ***2nd prize*** at Chennai during 15 -16 December, 2017.

35. Dr G.P. Venkat Chowdary, MD Junior Resident was awarded

- ***2nd Prize*** in quiz in Andhra Pradesh Radiology physics course held in NRI Medical college on 24th June 2017.
- ***Dr Mandapal Gold Medal*** in Telangana State Annual conference at Hyderabad on 14th October 2017.
- ***2nd place*** in spotter session in Telangana state IRIA conference at Hyderabad during 13-15 October 2017.

36. Dr S.Muneendra Kumar, MD Junior Resident has secured the Bursary Award for ***Best Poster Presentation.***

37. Dr D. Neeharika, MD Junior Resident won ***Best paper Award*** (Platform Presentation) (Cash Prize of Rs 5000/-) for the paper on "Effect of nutritional status at the time of initial presentation on outcome in critically ill patients admitted to medical intensive care unit (MICU): a prospective study" .

38. Dr M. Soumya, MD Junior Resident won the ***II Best Paper Award*** (Cash Prize of Rs 3000/-) for the poster on "Swine-flu [influenza A (H1N1 PDM09)] presenting with air leak syndrome".

39. Dr B. Sreevidya, MD Junior Resident won ***II Best Paper Award*** for Poster Presentation on "Sensorineural deafness following tacrolimus use" at the Annual Conference of the Indian Society of Nephrology, Southern Chapter ISNSCCON 2017, at Pondicherry during 10-12 February 2017.

40. P. Santhosh Kumar, Ph. D. Scholar in the Department of Biotechnology won the ***Best First oral paper presentation award*** in a National Conference on "Trends in cancer research under one health concept". On the occasion of World Cancer Day held at Department of Veterinary Surgery and Radiology, College of Veterinary Science, Sri Venkateswara Veterinary University, Tirupati during 04th to 06th February, 2017.

41. Dr B.Soumina, Tutor won ***2nd prize*** for paper presentation in CYTOCON title "Hydatid Cyst : Unusual site, unusual presentation" at Shillong, Meghalaya during 10-13 November 2017.

42. Mrs. P. Sumalatha, Tutor was awarded ***Best paper presenter*** on National Seminar on Trends in Nursing Research and Bio ethics for "A study to assess the knowledge and knowledge on practices regarding periodontal disease among antenatal mother attending MCH Centre, Tirupati" at Seminar Hall, Sri Padmavathi Mahila Visvavyalayam, Tirupati during 27-28 March 2017.

43. S. Ushasree, III MBBS student was awarded ***first prize*** for the case presentation of a rare care of papillary carcinoma in thyroglossal cyst at OSMECON, Hyderabad on 13th August 2017.

44. A. Samhita, III MBBS student was awarded ***first prize*** for the case presentation of a rare case of Glomus tumour at subungual region, at KIMS, Amalapuram on 9th September 2017.

45. Ms. K. Priyanka, B.Sc., (NMT) Internship Student has secured the Bursary Award for ***Best Poster Presentation***.

46. Ms. S. Hari Priya, MBBS student won the ***Best Paper award*** at EQUINOX-2017 at Sri Ramachandra University Chennai on 8th July 2017 (Guide: Dr K.R.Subash)

47. K.Meghana Reddy, 4th semester, MBBS student was awarded ***ICMR short term studentship (STS) 2017*** under the guidance of Dr D.Ravi Sankar. Topic- Assessment of Nutritional Status in Adolescent Girls residing in Social Welfare Hostels in Tirupati Town- A cross sectional Study.

48. Ms P. Vijay Kiranmai, MPT 2nd year (Neuro) got ***best poster award*** for a poster presented in P.G.student category in International Seminar – ISHPSY-2017 Organised by Department of Psychology at S.V.University, Tirupati on 25th September 2017.

49. D. Jayaram, II Year B.Sc (N) student got ***Ist Prize*** in XXVII SNA Bennial State Conference of Student Nurses Association at Sri Padmavathamma College of Nursing, Tirupati.

5.0 Visitors to SVIMS

1. The Hon'ble Minister for Health and Medical Education unveiled the photo exhibition on "Hall of Fame" at SVIMS, SPMC(W) on 06.01.2017.

2. Hon'ble Union Minister for Urban Development, Sri M. Venkaiah Naidu inaugurated one of the largest dialysis units newly built by TTD with 6.6 crores in SVIMS. It is commissioned with 60 machines and will be expanded to 100 sequentially by Nephro plus under PPP mode on 18.01.2017

3. Dr Rao Ivatury, MD FACS, Visiting Professor, visited SVIMS on 25.2.17 to review our Trauma programme, conducted gap analysis study

4. Hon'ble Chief Minister Sri Nara Chandrababu Naidu visited on 21.05.2017 to see the patient namely Sri K. Doraswamy Naidu who got admitted in Nephrology ward and expressed satisfaction over the treatment follow up.

5. Sri Nara Lokesh, Minister for IT and Pachayath Raj, Sri Amarnadha Reddy, Minister for Industries, Sri Dr Narayana, Minister for Municipal Administration,; Sri Manikyalarao, Minister for Endowment and Smt Sugunamma, MLA, Tirupati visited SVIMS and enquired about the health status of victims of Yerpedu in April 2017.

6. The Hon'ble Vice President of India-Elect Sri M.Venkaiah Naidu and Sri Kamineni Srinivas Hon'ble Health Minister visited on 07.08.2017 for inauguration of Sri Padmavathi Medical College Women's Hostel, Indo –US National Cardiac Electro Physiology Workshop, SVIMS Institute of Cardiac Sciences and laid foundation stone for 07 building projects and launching of various programmes at SVIMS.

7. Hon'ble Minister for Health, Govt. of AP Sri Kamineni Srinivas visited on 14.08.2017 to oversee Disaster drill, convened a meeting with Faculty, Staff and Inaugurated online Web portal on patient safety

8. Dr Jayshree Mehta, President, Medical Council of India inaugurated 02.12.2017 the new PG hostel building constructed in 3 floors at a cost of Rs. 7 crores with 89 rooms, dining hall, recreation & reading hall facilities. Further, she inaugurated the High dose radio nuclide therapy ward to treat patients suffering from thyroid cancer and other cancers using different radioisotopes. It is first of its kind among the public sector organizations in AP and is biggest in South India. The facility was established at a cost of Rs.1.05 crores. It has 8 halls, 6 toilets and 2 delay decay tanks

9. Hon'ble Minister of Health and Medical Education, Dr Kamineni Srinivas inaugurated on 21.12.2017 an indoor 33/11KV substation building and a new website. The Green generator room extension was taken up at a cost of 1.22 crores meant to house two generators and panel boards and indoor substation at a cost of 2.58 crores housing three 11 KV substations for effective and uninterrupted power supply to the hospital. Further, he inaugurated new outpatient block for TTD employees and paying patients.

10. Rajiv Shri Gopal Bajaj , Director, Vital Laboratories who donated Rs. 12 crores construction of center for advanced research (CfAR) visited on 25.12.2017 to review the progress of the works. The Director-cum-VC explained that Rs. 6 crores was spent on civil works and the balance will be spent for interior design, equipment and supporting services . Further, the donor released the first issue of SVIMS chronicle.

6.0 Activities at SVIMS

6.1 8th Convocation

The 8th Convocation of the Institute was held on 2nd December 2017 at Mahati Auditorium, Tirupati. Sri P. Kunhikrishnan, Director, Satish Dhawan Space Centre, SHAR, Sriharikota delivered the convocation address. The Director cum VC, SVIMS was authorized to chair the convocation. Dr Jayshree Mehta, President, MCI was the Guest of Honour and Dr CV Rao, Dr Raghunadha Rao, Dr Damodaram, Dr PVLN Srinivasa Rao, Dr V. Siva Kumar, Dr M Hanumantha Rao, Dr TC Kalawat members of Governing council shared the dais. 342 students were conferred degrees in different disciplines.

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

The Dignitaries are seen participating in lighting the lamp ceremony

The Inaguration of 8th convocation. Seen from left to right are Dean, SVIMS; Dr D. Raghunatha Rao, Director, Vizag; Principal, SVIMS, SPMC-W; Dr Jayshree Mehta, President, MCI; Director cum Vice Chancellor, SVIMS; Sri P. Kunhikrishnan, Director, Satish Dhawan Space Centre, SHAR, Sriharikota; Dr V. Sivakumar, SVIMS; Vice Chancellor, NTRUHS; Vice chancellor, S.V University and Registrar, SVIMS.

Dr Jayshree Mehta, President, MCI, New Delhi is seen delivering the address

Sri P. Kunhikrishnan is seen delivering the convocation address.

6.2 Institute day celebrations

The 24th Anniversary day and UNIFEST celebrations of SVIMS were held on 26.02.2017. The Vice Chancellor, SPMVV, Prof. V.Durga Bhavani attended as Chief guest. The staff members, their children and students who participated and excelled in various sports and cultural activities were awarded with trophies and mementos. The students and staff members participated in cultural events to mark the occasion.

The Vice Chancellor, SPMVV is seen addressing the gathering and releasing of Annual Report 2016 and Akanksha 2017.

The students of college of Nursing are seen receiving overall championship trophy of UNIFEST- 2017

The students are seen participating in the cultural activities during the occasion

6.3 Orations organized:

The orations are instituted in the name of the donor or as 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 2017.

1. The 9th Annual Balaji Gold Medal Nephrology Chair Oration was delivered by Dr Ravi Raju, Vice Chancellor, Dr NTRUHS, Vijayawada on 21st January, 2017 on the topic "Non-Invasive Detection of Allograft Rejection – Primetime for Gene Profiling". The oration was organized by the Dept. of Nephrology.

2. The 1st Dr Kalpalatha and Dr Jayarama Guntupalli Medicine Chair Oration was delivered by Dr Narasimhan, Director, Sri Satya Sai Mobile Hospital, Puttaparthi on 24th January, 2017 on the topic "Ideal rural Healthcare Delivery System". The oration was organized by the Dept. of Medicine.

3. The 3rd Annual Radiation Oncology Gold Medal Chair oration was delivered by Dr B.K. Mohanti, Executive Director & Head, Radiation Oncology, Fortis Memorial Research Institute, Gurgaon and Former Professor AIIMS on 10th February, 2017 on the topic 'The Landscape of Cancer'. The oration was organized by the Dept. of Radiation Oncology.

4. The 7th Dr Y. Subhashini & Dr Kamalakar Reddy Endowment Oration was delivered by Dr G.R. Sridhar, Director, Endocrine and Diabetes Center, Visakhapatnam on 28th February, 2017 on the topic "Role of information Technology in Medical Practice". The oration was organized by the Dept. of Endocrinology.

5. The 5th Annual Cherukuri Narasimham and Subhadra Devi Neurosurgery Chair Oration was held on 8th March 2017. Dr Vedantam Rajasekhar, Prof. of Neurosurgery, Christian Medical College, Vellore delivered the oration on the topic "Daily Clinical Practice : An Area for Research". The oration was organized by the Dept. of Neurosurgery.

6. The 1st Annual Balaji Gold Medal Chair Oration in Pathology was delivered by Dr Kumara Swamy Reddy M., Former Dean, SVIMS& Director, Sri Sathya Sai Institute of Higher Medical Sciences, Prasanthigram on 18th March, 2017 on the topic "My Experience with Lymphnodes". The oration was organized by the Dept. of Pathology.

7. The 3rd Annual Radiology Gold Medal Oration was delivered by Dr Niranjan Khandelwal, HoD, Department of Radiodiagnosis, PGIMER, Chandigarh on 14th October, 2017 on the topic "Interventional Oncology present and future". The oration was organized by the Dept. of Radiology.

8. The 2nd Srinivasa Neurosurgery Endowment Oration was held on 17th October, 2017. Dr D. Raja Reddy, FRCS, Senior Consultant, Neurosurgeon, Apollo Hospital, Hyderabad, delivered the oration on the topic " Management of High Grade Gliomas with GLA Molecule". The oration was organized by the Dept. of Neurosurgery

9. The 7th IEA, Tirupati Oration was held on 18th November, 2017. Dr Sanjeev V. Thomas, Professor & Head, department of Neurology, Sree Chitra Tirunal Institute of Medical Sciences and Technology, Trivandrum, delivered the oration on the topic "Epilepsy Care Tailored to Women". The oration was organized by the Dept. of Neurology

6.4 Guest lectures & Seminars organized

S. No	Date	Topic	Speaker	Department
1	19.01.2017	Echocardiography in ischemic heart disease	Dr Navin C Nanda, Prof. of Cardiology, University of Alabama, USA	Cardiology
2	06.02.2017	Role of physiotherapy in diabetic foot management	Dr G. Arun Maiya, Assoc. Dean, Manipal	College of Physiotherapy
3	28.02.2017	Adequacy of Perfusion	Mr John B.Ravi, Clinical Perfusionist, Hartford Hospital, Hartford, CT, USA	CT Surgery
4	28.03.2017	Approach to Cerebrovascular diseases	Dr P.N. Sylaja, Prof. of Neurology, SCTIMST, Trivandrum	Neurology
5	10.08.2017	Status and scope for Cardiac Electrophysiology today	Dr Jay Koneru, Asst. Prof. of Medicine, Division of Cardiac Electro physiology, Medical College of Virginia, VCU School of Medicine, Richmond, VA, USA	Cardiology
6	21.09.2017	Bharatheeya Abharanalu – Arogyam - Yogam	Gangavaram Sri Devi, Rushi Peetam Satsangh, Tirupati	College of physiotherapy
7	30.11.2017	Role of tissue culture in virus isolation and characterization	Dr Gajanam Sapkal, Scientist Eand Head, Diagnostic Virology Group, RCVDL, NIV	Microbiology
8	09.12.2017	Sample size determination in a clinical setting-an over view	Prof. K.V.S. Sarma, Bio statistics and Research Co-ordinator, Dept. of Community Medicine, SPMCW, SVIMS	Biotechnology

6.5 Academic programme calendar for the year 2018

The academic schedule proposed for the year 2018 for conduct of clinical meetings, CPC, CME, spotters presentations, capsule on investigations, quiz programmes is as detailed below:

[1] SATURDAY'S CLINICAL MEETING			[2] THURSDAY'S CLINICAL MEETING		
Date	**Research Presentation 8:00 to 8:45 am**	**Spotters Presentation 8:45 to 9:00 am**	**Date**	**Case / Topic Presentation 3:00 to 3:45 pm**	**Capsule on an Investigation/ procedure 3:45 to 4:00 pm**
06/01/18	CT Surgery	Microbiology	04/01/18	Oncology (Medical)	Paediatrics
13/01/18	Community Medicine	Nephrology	11/01/18	Ophthalmology	Plastic Surgery
20/01/18	Dentistry	Neurology	18/01/18	Pathology	Radio Diagnosis
03/02/18	Dermatology	Neurosurgery	25/01/18	Pharmacology	Radiotherapy
10/02/18	Emergency Medicine	Nuclear Medicine	01/02/18	Psychiatry	Rheumatology
17/02/18	Endocrinology	OBG	08/02/18	Physiology	Transfusion Medicine
03/03/18	ENT	Oncology (Surgical)	15/02/18	Paediatrics	TB & RD
10/03/18	Forensic Medicine	Oncology (Medical)	22/02/18	Plastic Surgery	Urology
17/03/18	GE (Surgical)	Ophthalmology	01/03/18	Radio Diagnosis	Anaesthesiology
24/03/18	General Surgery	Pathology	08/03/18	Radiotherapy	Anatomy
07/04/18	Haematology	Pharmacology	15/03/18	Rheumatology	Biochemistry
14/04/18	Medicine	Psychiatry	22/03/18	Transfusion Medicine	Cardiology
21/04/18	Microbiology	Physiology	29/03/18	TB & RD	CT Surgery
05/05/18	Nephrology	Paediatrics	05/04/18	Urology	Community Medicine
12/05/18	Neurology	Plastic Surgery	12/04/18	Anaesthesiology	Dentistry
19/05/18	Neurosurgery	Radio Diagnosis	19/04/18	Anatomy	Dermatology
02/06/18	Nuclear Medicine	Radiotherapy	26/04/18	Biochemistry	Emergency Medicine
09/06/18	OBG	Rheumatology	03/05/18	Cardiology	Endocrinology
16/06/18	Oncology (Surgical)	Transfusion Medicine	10/05/18	CT Surgery	ENT
23/06/18	Oncology (Medical)	TB & RD	17/05/18	Community Medicine	Forensic Medicine
07/07/18	Ophthalmology	Urology	24/05/18	Dentistry	GE (Surgical)
14/07/18	Pathology	Anaesthesiology	31/05/18	Dermatology	General Surgery
21/07/18	Pharmacology	Anatomy	07/06/18	Emergency Medicine	Haematology
04/08/18	Psychiatry	Biochemistry	14/06/18	Endocrinology	Medicine
11/08/18	Physiology	Cardiology	21/06/18	ENT	Microbiology
18/08/18	Paediatrics	CT Surgery	28/06/18	Forensic Medicine	Nephrology
01/09/18	Plastic Surgery	Community Medicine	05/07/18	GE (Surgical)	Neurology
08/09/18	Radio Diagnosis	Dentistry	12/07/18	General Surgery	Neurosurgery
15/09/18	Radiotherapy	Dermatology	19/07/18	Haematology	Nuclear Medicine
22/09/18	Rheumatology	Emergency Medicine	26/07/18	Medicine	OBG
06/10/18	Transfusion Medicine	Endocrinology	02/08/18	Microbiology	Oncology (Surgical)
13/10/18	TB & RD	ENT	09/08/18	Nephrology	Oncology (Medical)
20/10/18	Urology	Forensic Medicine	16/08/18	Neurology	Ophthalmology
03/11/18	Anaesthesiology	GE (Surgical)	23/08/18	Neurosurgery	Pathology
10/11/18	Anatomy	General Surgery	30/08/18	Nuclear Medicine	Pharmacology
17/11/18	Biochemistry	Haematology	06/09/18	OBG	Psychiatry

01/12/18	Cardiology	Medicine	20/09/18	Oncology (Surgical)	Physiology
08/12/18	CT Surgery	Microbiology	27/09/18	Oncology (Medical)	Paediatrics
15/12/18	Community Medicine	Nephrology	04/10/18	Ophthalmology	Plastic Surgery
22/12/18	Dentistry	Neurology	11/10/18	Pathology	Radio Diagnosis
**	**	**	18/10/18	Pharmacology	Radiotherapy
**	**	**	25/10/18	Psychiatry	Rheumatology
**	**	**	01/11/18	Physiology	Transfusion Medicine
**	**	**	08/11/18	Paediatrics	TB & RD
**	**	**	15/11/18	Plastic Surgery	Urology
**	**	**	22/11/18	Radio Diagnosis	Anaesthesiology
**	**	**	29/11/18	Radiotherapy	Anatomy
**	**	**	06/12/18	Rheumatology	Biochemistry
**	**	**	13/12/18	Transfusion Medicine	Cardiology
**	**	**	20/12/18	TB & RD	CT Surgery
**	**	**	27/12/18	Urology	Community Medicine

[3] CLINICAL PATHOLGOICAL CORRELATION (CPC)/ CLINICO RADIOLOGICAL CORRELATION (CRC)

Last Saturday between 08:00 & 9:00 AM
Co-ordinators: For Medical Cases : Dr R. Ram, Prof. & HoD, Dept. of Nephrology.
For Surgical Cases: Dr V.V.Ramesh Chandra, Professor of Neurosurgery.

27/01/18	Cardiology	28/07/18	Neurology
24/02/18	CT Surgery	25/08/18	Surgical Oncology
31/03/18	Medicine	29/9/18	Medical Oncology
28/04/18	General Surgery	27/10/18	Urology
26/05/18	Endocrinology	24/11/18	Nephrology
30/06/18	Surgical GE	29/12/18	Neurosurgery

[4] CME's : First Saturday between 02:00 & 04:00 PM

06/01/18	Pathology & Forensic Medicine
03/02/18	ENT, Dentristy & Ophthalmology
03/03/18	Endocrinology, Biochemistry & Pharmacology
07/04/18	Haematology ,Emergency Medicine & Transfusion Medicine
05/05/18	Microbiology, Community Medicine & Rheumatology
02/06/18	Nephrology, Urology & OBG
07/07/18	Medical Oncology, Surgical Oncology & Radiotherapy
04/08/18	Medicine, Paediatric & TB & RD
01/09/18	Neurology, Neurosurgery & Psyciatry
06/10/18	Anaesthesia, Cardiology & CT Surgery
03/11/18	Anatomy, Surgical Gastroenterology & General Surgery
01/12/18	Physiology, Nuclear medicine & Radiology

[5] QUIZ
Annual Medical Quiz will be held every year in the month of February

Organizers
Dr Alok Sachan, Dr Mutheeswaraiah, Dr M. Ranadheer Gupta under the co-ordination of Dr A. Mohan

6.6 Academic committees

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

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	
The Dean	Chairman
The Registrar	Member
Dr P.V.L.N.Srinivasa Rao Prof. & HoD of Biochemistry	Member
Dr M. Hanumantha Rao Sr. Prof. of Anaesthesiology & Principal (SPMC-W)	Member
Dr Alladi Mohan Prof. & HoD of Medicine	Member
Dr A.Y. Lakshmi Prof. & HoD of Radiology	Member
Controller of Examinations	Special Invitee

Super Specialties	
The Dean	Chairman
Dr D. Rajasekhar Prof. & HoD of Cardiology	Member
Dr Alok Sachan Prof. & HoD of Endocrinology	Member
Dr Abha Chandra Prof. & HoD of CT Surgery	Member
Dr T. Kannan Prof. & HoD of Medical Oncology	Member
Dr H.Narendra Addl. Prof. of Surgical Oncology	Member
Controller of Examinations	Member

meetings for the thesis protocols of the Post graduates admitted during 2016-17 academic year for Broad speciality (S.No. 359 to 377) was held on 10th January, 2017 and for Super speciality (Sl.No.378 to 400) was held on 11th April, 2017 and were cleared by the respective Committees.

Institutional Ethics Committee (IEC)

The committee is constituted with the following members. For the year 2017, 105 proposals (Sl.Nos. 585 to 689) were assessed which are received from the Postgraduate and faculty. The IEC was reregistered by the Drug Controller General, India (Ref. no. ECR/488/Inst/AP/2013/RR-16, dt: 06-03-2017)

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

Research committee (RC)

The Research Committee was constituted to assess the research proposals of the faculty prior to their submission to IEC. The research proposals forwarded to the funding agencies are scrutinized. The drug trails to be carried out by the faculty are also assessed periodically. The research proposals of external researchers under the supervision of a co-guide of the Institute who shall be the faculty of SVIMS, are also assessed before granting permission. For the year 2017, 48 proposals (Sl.Nos. 292 to 341) were assessed. The committee is constituted with following members and meetings were held regularly on every 4th Thursday of each month and the agenda assessed is as detailed below:

1.	Dean	Chairman
2.	Dr Alladi Mohan, Prof. & HoD of Medicine	Member
3.	Dr Alok Sachan, Prof. & HoD of Endocrinology	Member
4.	Dr V. Suresh, Prof. of Endocrinology	Member

Post Graduate students (MD/DM/MCh)

TPAC No.	Title	Submitted by	Guide	IEC No.	RC. No. No.
359	Novel urinary biomarkers for early detection of diabetic nephropathy in patients with type 2 diabetes mellitus	Dr N. Lakshmanna MD (Biochemistry)	Dr PVLN Srinivasa Rao	590	311 310
360	Clinical presentation, precipitating factors and biochemical profile in relation to the in hospital clinical course and outcomes of DKA	Dr J. Sowjanya MD (Emergency Medicine)	Dr V. Satyanarayana	591	-
361	Clinical profile and outcomes in patients with acute intra-cerebral hemorrhage presenting to emergency department in SVIMS	Dr P. Subramanyam MD (Emergency Medicine)	Dr V. Satyanarayana	592	-
362	Burden of drug-resistant tuberculosis in previously treated patients with pulmonary tuberculosis	Dr Anjali Praveen MD (Medicine)	Dr A. Mohan	593	-
363	Study of burden, clinical characteristics, method of confirmation of diagnosis and treatment outcome in patients with extra pulmonary tuberculosis	Dr G. Niveditha MD (Medicine)	Dr A. Mohan	594	-
364	Demographic characteristics, clinical presentation, risk factors and pathological types of lung cancer: a prospective study	Dr M. Soumya MD (Medicine)	Dr A. Mohan	595	-
365	Study of microbiological profile, antimicrobial susceptibility patterns related to central line associated blood stream infections in respiratory intensive care unit setting in a tertiary care hospital, SVIMS, Tirupati, Andhra Pradesh	Dr S. Noble Ujesh MD (Microbiology)	Dr K.K. Sharma	596	-

366	Role of dual point F-18 FDG PET/CT in the initial staging and management of locally advanced carcinoma cervix	Dr S. Muneendra Kumar MD (Nuclear Medicine)	Dr T.C. Kalawat	597	-
367	Utility of 18-F FDG PET/CT scan in further management of locally advanced head and neck squamous cell carcinoma patients in post definitive chemoradiation setting	Dr LCND Praveen MD (Nuclear Medicine)	Dr T.C. Kalawat	598	-
368	A study of clinical presentation and outcome of patients with Guillain-Barre syndrome- a prospective observational study at a tertiary care teaching hospital	Dr Bhargavi Thota MD (Anaesthesiology)	Dr Aloka Samantaray	599	-
369	Comparison of the effect of additional epidural nalbuphine vs dexmedetomidine on the characteristics of spinal anaesthesia in patients undergoing lower limb orthopedic surgeries- A randomized, double blind and placebo controlled study	Dr E. Adilakshmi MD (Anaesthesiology)	Dr P. Janaki Subhadra	600	-
370	Comparison of intravenous magnesium sulphate and clonidine in attenuating hemodynamic responses during laryngoscopy and tracheal intubation in patients undergoing elective open abdominal surgeries – A prospective Randomized double blind study	Dr U. Swetha Silpa MD (Anaesthesiology)	Dr M. Hanumantha Rao	601	-
371	A comparative study between dexmedeto medine- Propofol and propofol –Fentanyl on perioperative hemodynamics, propofol requriment and postoperative recovery profile in patients undergoing elective abdominal surgeries – A Prospective randomized double blind study.	Dr K. Jasmitha MD (Anaesthesiology)	Dr N. Hemanth	602	-
372	Differential Expression of CK7,CK20, CDX2 in intestinal and pancreatobiliary types of periampullary carcinoma	Dr U. Divyasree MD (Pathology)	Dr Aruna K Prayaga	603	-
373	Study of immunohistochemical profile of Nodal Non Hodgkin Lymphoma in a tertiary care centre	Dr P. Architha MD (Pathology)	Dr N. Rukmangada	604	-
374	A prospective study on comparison of therapeutic efficacy between three dimensional conformal radiotherapy (3D-CRT) and intensity modulated radiotherapy (IMRT) in locally advanced head and neck cancers	Dr P. Masthan Basha MD (Radiotherapy)	Dr B.V. Subramanian	605	-

375	A comparative study between Anti Human Globulin (Coombs') cross match versus type & screen at the blood bank of a tertiary care referral teaching hospital in Tirupati, Andhra Pradesh, South India	Dr T.V.N. Sriranjitha MD (Transfusion Medicine)	Dr K.V. Sreedhar Babu	606	-
376	An observational study of pre and post contrast MRI features of invasive breast carcinoma	Dr K. Hari Kishore MD (Radio-Diagnosis)	Dr B. Vijayalakshmi Devi	607	-
377	The role of magnetic resonance imaging (MRI) in pre-operative assessment of rectal carcinoma with regard to local staging, circumferential resection margin and mesorectal fascia involvement	Dr K. Ashok Hussain MD (Radio-Diagnosis)	Dr A.Y. Lakshmi	608	-
378	Effect of Percutaneous balloon mitral valvuloplasty on six minute walk test and left ventricular performance by speckle tracking echocardiography in rheumatic severe mitral stenosis	Dr Palem Sumanth Reddy Postgraduate Senior Resident in D.M. (Cardiology)	Dr D. Rajasekhar	637	-
379	Value of ST-Segment elevation in lead aVR in non ST elevation myocardial infarction/unstable angina in predicting disease extent, severity and outcomes at 3 months	Dr Naga Narasimha Reddy M Postgraduate Senior Resident in DM (Cardiology)	Dr D. Rajasekhar	638	-
380	Right ventricular strain, strain rate and pulmonary function before and after percutaneous balloon mitral valvuloplasty in patients with severe mitral stenosis.	Dr Praveen Kumar Reddy Sakkuru Postgraduate Senior Resident in DM (Cardiology)	Dr D. Rajasekhar	639	312
381	Value of resting and stress myocardial deformation assessment by two dimensional speckle tracking echocardiography to predict the presence, extent and localization of coronary artery affection in patients with suspected stable coronary artery disease.	Dr Suresh Babu Tupakula Postgraduate Senior Resident in DM (Cardiology)	Dr D. Rajasekhar	640	314 313
382	Prevalence of Autonomic Neuropathy in patients with type 2 Diabetes Mellitus with special reference to cardiac Autonomic Neuropathy	K. Raghavendra Postgraduate Senior Resident in DM (Endocrinology)	Dr Alok Sachan	641	317
383	Effects of adequate treatment of hyperthyroidism on glycated hemoglobin levels in nondiabetic subjects with hyperthyroidism	Mani Deepthi Dasari Postgraduate Senior Resident in DM (Endocrinology)	Dr V. Suresh	642	321
384	To study the risk factor profile for thrombophilia in patients of ESRD on maintenance hemodialysis with failed AV fistulas	Dr A. Sunnesh Reddy Postgraduate Senior Resident in DM (Nephrology)	Dr Ram	643	-

385	A Study on Association of CYP2C9 Polymorphisms with phenytoin toxicity	Dr Rakesh Reddy Reddigari Postgraduate Senior Resident in DM (Neurology)	Dr B. Vengamma	644	-
386	A Study of prognostic significance of troponin I in patients with acute ischemic stroke.	Dr Pynam Pranuthi Postgraduate Senior Resident in DM (Neurology)	Dr B. Vengamma	645	-
387	Assessment of intracranial and extra cranial carotid vascular disease in patients presenting with acute ischaemic stroke: a prospective study.	Dr Poornasree Sesha Sai Neelima Ch Postgraduate Senior Resident in DM (Neurology)	Dr B. Vengamma	646	-
388	To Evaluate the role of circulating tumor DNA (CtDNA) for assessing tumor response to chemotherapy in Triple Negative Breast Carcinoma	Dr Ram Prahlad K.M Postgraduate Senior Resident in DM (Medical Oncology)	Dr T. Kannan	647	326
389	Role of serum Carcinoembryonic Antigen (CEA) as a predictive and prognostic marker of response to treatment in patients with advanced Non Small Cell Lung Cancer (NSCLC)- A Prospective observational study.	Dr B Sreekanth Postgraduate Senior Resident in DM (Medical Oncology)	Dr T. Kannan	648	-
390	Comparative study of open and minimally invasive lumbar fusion procedures for lumbar spondylolisthesis based on clinical outcome, muscle injury markers and imaging changes	Dr Rukmaji prakash jagtap Postgraduate Senior Resident in M.Ch (Neurosurgery)	Dr B.C.M. Prasad.	649	-
391	A Study on optimal timing of Cranioplasty for cases of decompressive craniectomy.	Dr Vivek Sharma Postgraduate Senior Resident in M.Ch (Neurosurgery)	Dr B.C.M. Prasad.	650	-
392	Measurement of intraoperative intracranial pressure and cerebral perfusion pressure for predicting surgical outcome in severe traumatic brain injury.	Dr Paradesi Rajesh Postgraduate Senior Resident in M.Ch (Neurosurgery)	Dr B.C.M. Prasad.	651	-
393	A Single blinded randomized controlled study of total thyroidectomy alone vs total thyroidectomy with prophylactic central compartment node dissection for clinically node negative differentiated thyroid carcinoma.	Dr V. Naresh Kumar Postgraduate Senior Resident in MCh (Surgical Oncology)	Dr H. Narendra	652	-
394	A randomized controlled study of drain versus no drain in patients undergoing pelvic lymph node dissections with or without paraaortic lymph node dissection in gynaecological malignancies	Dr Guru Raghavendra Naik M Postgraduate Senior Resident in MCh (Surgical Oncology)	Dr H. Narendra	653	-
395	Complications of Transrectal ultrasound guided prostate biopsy: A Prospective observational study at SVIMS	Dr Chilekampalli Konda Reddy Postgraduate Senior Resident in MCh (Urology)	Dr A. Tyagi	654	-

396	A Comparative study of Bipolar TURP versus monopolar TURP	Dr A. Jai Babu Postgraduate Senior Resident in MCh (Urology)	Dr A. Tyagi	655	-
397	Evaluation of Renal function after Percutaneous Nephrostomy or DJ stenting in calculus upper tract obstruction with renal failure.	Dr Manoj B Postgraduate Senior Resident in MCh (Urology)	Dr A. Tyagi	656	-
398	Role of Silodosin in Expulsion of Lower ureteric stones	Dr K. Ravi Shankar Postgraduate Senior Resident in MCh (Urology)	Dr A. Tyagi	657	-
399	A Prospective randomized controlled study comparing end to end versus end to side Anastomosis after low anterior resection for rectal cancers.	Dr D.V. Narayana Reddy Postgraduate Senior Resident in MCh (Surgical G.E)	Dr V. Venkatarami Reddy	658	-
400	A study of markers of oxidative stress, inflammation and endothelial dysfunction in diabetic and non-diabetic chromic kidney disease patients on peritoneal dialysis	Dr N. Sai Sameera Postgraduate Senior Resident in DM (Nephrology)	Dr R.Ram	-	-
-	Disturbed eating behaviours in patients with type 1 diabetes mellitus	Dr Sreedivya B Postgraduate Senior resident in DM Endocrinology		670	319

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

S. No.	Title	Submitted by	Guide	IEC No.	R.C. No.
1.	Study of serum adiponectin levels in type 2 diabetic mellitus patients with albuminuria	Mr. K. Chetan Kumar M.Sc Medical (Biochemistry)	Dr V.S. Kiranmayi	585	302
2	Association of serum adiponectin with disease activity in patients with rheumatoid arthritis	Mr. V. Ganesh M.Sc Medical (Biochemistry)	Dr V.S. Kiranmayi	586	303
3	Study of serum adiponectin levels in women with polycystic ovary syndrome	Ms. P. Gowthami M.Sc Medical (Biochemistry)	Dr V.S. Kiranmayi	587	304
4	To permit him to get the doctors help in processing CT, PET, MRI and Microscopic for better analysis evaluating their methods	M. Eswar Reddy Ph.D Scholar VIT University, Vellore	-	-	292
5	Invitation to the universities & institutions engaged in R&D in S&T in India for setting up innovation facililtation centre in our premises	National Research Development Corporation Govt. of India, New Delhi	-	-	293
6	In vitro differentiation and characterization of cultured human CD34 positive stem cells into hepatocytes, erythrocytes and platelets	Mr. P. Santhosh Kumar Ph.D. Scholar (Biotechnology)	Dr P.V.G.K. Sarma	-	294

7	Academic projects for Pharm.D students	Sree Vidyanikethan College of Pharmacy	-	-	296
8	Study of atypical pneumonia in a Tertiary care Teaching Hospital of Sri Venkateswar Insittute of Medical Sciences, Tirupati and Sri Venkateswara Ramnarain Ruia (SVRR) Government General Hospital, Tirupati with Molecular characterization of Pneumocystis jiroveci	Ms. K. Meenakshi PhD Scholar (Microbiology)	Dr Usha Kalawat	609	327
9	Severity and outcome assessment in patients with acute kidney injury admitted to intensive care unit- A prospective observational study in a teaching University hosp[ital	Dr Sunil Nanjarapalle PDF (Critical care)	Dr Aloka Samantaray	612	-
10	"The influence of G472A Polymorphism of membrane bound Catechol-O Methyltransferase gene on chronic persistent surgical pain in patients undergoing open heart surgeries with median sternotomy".	G.Dharaniprasad Ph.D. Scholar (Anesthesiology)	Dr Aloka Samantaray	614	308
11	Comparison of various prosthetic heart valve replacements and the effect of Nicoumalone on Embryogenesis – A Retrospective study.	1.N.Chaitanya kumar 2. Achuktla Kumar 3. B.Bhanu Prakash 4. Gurram Sree Veena (V-pharm-D) Sree Vidyanikethan College of Pharmacy	Mrs. P Latha Dr V. Vanajakshamma	615	-
12	"Anxiety, Depression and Quality of Life of Breast, Cervix and Head & Neck Cancer Patient's receiving Radiation Therapy: A Prospective Cross-sectional Study in a Tertiary Care Teaching Hospital."	1. Sudireddy Lokeswara Reddy 2. G. Srisatya (V-pharm-D) Sree Vidyanikethan College of Pharmacy	Ashok Thulluru Dr B.V. Subramanyam	616	-
13	"A Retrospective cross sectional study on the prescription patterns of sedative drugs, efficacy and daytime sedation in various psychiatric patients in a tertiary care teaching hospital. Sri Venkateswara Institute of Medical Sciences (SVIMS)"	1.Borelly Vishwas Vardhan Raj 2. T.Haritha 3. Porala Deepika (V-pharm-D) Sree Vidyanikethan College of Pharmacy	Dr Narahari Narayana Palei Dr Sivanadh	617	-
14	A Survey on concomitant use of complimentary and alternative medicines in addition to Allopathy for treatment of diabetes mellitus	1. A.Jahnavi 2. Hima Deepika 3. P. Alekya (V-pharm-D) Sree Vidyanikethan College of Pharmacy	Dr Santhivardhan Chinni Dr Alok Sachan	618	-
15	Monitoring, Reporting, Evaluating and Management of Adverse Cutaneous Drug Reaction in a Teritiary care Hospital: A Prospective Observational Study.	1. Sana Deepika 2. M. Muni Sankari 3. Papareddy Santhi (II – pharm-D) (PB)) Sree Vidyanikethan College of Pharmacy	Dr Sree Nagavalli K Dr T. Ram Sharan	619	-

16	"A study of adverse drug reaction (ADR's) associated with immunosuppressive agents in renal transplantation patients."	1. P.Bogeswara Reddy 2. T.Devi Priya 3. L. Maneesha (V-pharm-D) Sree Vidyanikethan College of Pharmacy	M. Pratap Dr R. Ram	620	-
17	Spontaneous reporting and Evaluation of Adverse Drug Reactions Associated with Cancer Chemotherapy – A Prospective Study	1. S. Kush Nimron 2. G.N. Jagadeesh Kumar (V-pharm-D) Sree Vidyanikethan College of Pharmacy	Mr Ramu Samineni M Dr T. Kannan	621	-
18	A Cross sectional prospective study on pill burden, drug class distribution and financial support in patients with various stages of Chronic Kidney Disease in a tertiary care teaching hospital.	1. Parlapalli Lalith Kumar 2. Cirevalli Pavithra 3. Nuthalapati Lakshmi Sowjanya (V-pharm-D) Sree Vidyanikethan College of Pharmacy	K. Anitha Dr R. Ram	622	-
19	Evaluation of adherence to drug therapy in patients at various stages of chronic kidney disease (CKD): A cross sectional prospective study.	1. Pooja Reddy Pattubala 2. Havilah Oddepogu (V-pharm-D) Sree Vidyanikethan College of Pharmacy	Dr R. Jayaraman Dr R. Ram	623	-
20	Evaluation of adherence to drug therapy in patients with coronary artery disease who underwent percutaneous transluminal coronary angioplasty: A cross sectional study	1. Chitteti Sandhya 2. Mavuduru Priyanka 3. Kalle Purushotham (V-pharm-D) Sree Vidyanikethan College of Pharmacy	Dr V.Vanajakshamma	624	-
21	Cost effective analysis in diabetic therapy supported with patient counseling in a tertiary care teaching hospital": A Prospective cross sectional study	1. Guduru Sreepriya 2. Yeddula Haritha 3. Yerukulla Nagaraj (V-pharm-D) Sree Vidyanikethan College of Pharmacy	Dr S. Vijay Raj M Dr Alok Sachan	625	-
22	Academic Projects for Pharm-D students	Seven Hills College of Pharmacy		-	300
23	Knowledge attitude and Practice of Breast Self Examination among Women survivors of breast cancer in Tertiary Care Teaching Hospital in Tirupati.	1.Duppala Sireesha 2.Mundlapati Akhila Priyadarshini 3.Nayaka Satish 4.Shaik Pedda Subahan (V-pharm-D) Seven Hills College of Pharmacy	Dr B. Narasimhulu Dr A. Ravisankar	628	-
24	A Study on Prescribing pattern in the management of Osteoarthritis and Rheumatoid Arthritis in a Teritiary Care Hospital	1.Kureti Harsh Vardhan Rao 2.Singaraju Ijitha 3.Mallu Sowmya (V-pharm-D) Seven Hills College of Pharmacy	Mrs. Raihana Begum Dr S. Aparna	629	-
25	Impact of Clinical Pharmacist mediated Patient Counselling on Health Related Quality of Life (HRQoL) in Hypertensive Patients in Tertiary Care Teaching Hospital.	1.M.Pavan Kumar 2.B.Rajesh Naik 3.Pulagura Roopika (V-pharm-D) Seven Hills College of Pharmacy	Dr B. Narasimhulu Dr M.V. Kalyan	630	-

26	An observational study on risk factors for stroke in hospitalized patients of tertiary care Hospital, Tirupati.	1.M.Aparana 2.S.Firdose Basha 3.M.Harika 4.M.Sravan (V-pharm-D) Seven Hills College of Pharmacy	Mrs. P. Rihana Begum Dr P. Nataraja	631	-
27	A Prospective study on potential drug-drug interactions in diabetes mellitus patients in a South Indian tertiary care hospital.	1.P.Maheswar i 2.B.L.Nissy haveela 3.S.Venkatakiran 4.P.Yamini (V-pharm-D) Seven Hills College of Pharmacy	Mr. R. Venkatesan Dr V. Ashok	632	-
28	A Prospective study on prescribing patterns and drug-drug interactions of anticancer agents in a tertiary care hospital, Tirupati.	1.Nallipalli Bhanu 2.Bondili Saipriyanka singh 3.Nallavula Soundarya (V-pharm-D) Seven Hills College of Pharmacy	Mrs. P. Rihana Begum Dr A. Ravisankar	633	-
29	Study of utilization of antimicrobial agents in surgical units at a tertiary care teaching hospital in Tirupati.	1.S.Sirisha 2.T.Charan Teja 3.P.Prasanthi (V-pharm-D) Seven Hills College of Pharmacy	Dr B. Narasimhulu Dr S. Nagesh Kumar	634	-
30	Computational analysis and insilico drug optimization of non selective beta blockers on beta-3 adrenergic receptors	Ms. Sadam Haripriya III year MBBS SVIMS, SPMC(W)	Dr K.R. Subash	660	-
31	Screening for thyroid disorders in medical undergraduate students	Ms. D. Nikhita II year MBBS SVIMS, SPMC(W)	Dr PVLN Srinivasa Rao	661	316
32	Patterns and prevalence of dyslipidemia in obese person in Chittoor district	Ms. K. Durga Mallika II year MBBS SVIMS, SPMC(W)	Dr MM Suchitra	662	-
33	Assessment of nutritional status in adolescent girls residing in social welfare hostels in tirupati town – A cross sectional study	K, Meghana Reddy MBBS, 4th Semester SPMC(W), SVIMS	Dr Ravi Sankar .D	663	-
34	Study of anti-atherogenic effects of rosu-vastatin in patients with type 2 diabetes mellitus	Mr. S. Naresh Research Scholar Dept. of Biochemistry	Dr Aparna R. Bitla	667	324
35	Disturbed eating behaviours in patients with type 1 diabetes mellitus	Dr Sreedivya B Postgraduate Senior resident in DM Endocrinology	Dr V. Suresh	670	-
36	A Retrospective study on use of misoprostol in the prevention of post partum hemorrhage after cesarean section	2. M. Nirmala, 3. J Priyanka, 4. K Hemalatha (V– Pharma D) Krishna Teja Pharmacy College	Dr V. Prabhakaran Dr M. Usha Brindhini	671	-

37	A observational study on the effectiveness of addition of montelukast to inhaled medication in controlled and party controlled asthma patients through questionnaires	1. Joseph Naveen Kumar 2. C. Anil Kumar 3. B. Vinod Kumar Naik (V-pharma D) Krishna Teja Pharmacy College	Dr P. Dharani Prasad Dr K. Preethi	672	-
38	A study on the pharmacological management of mineral-bone disease in chronic kidney disease patients in a tertiary care hospital, SVIMS	1. S.P. Srinivas Nayak 2. SD. Irfan Ali Ahmed 3. K.R. Madhuri (V-pharma D) Krishna Teja Pharmacy College	Dr B. Jyothi Dr V. Siva Kumar	673	-
39	A study on role of pharmacological interventions to retard the progression of disease in chronic kidney disease patients attending nephrology department	1. K. Tirumalesh 2. P. M. Rajitha 3. G.Divya V-Pharma D) Krishna Teja Pharmacy College	Dr K. Uma Sankar Dr V. Siva Kumar	674	-
40	A study on prescribing patterns of cardiovascular medications in congestive heart failure in a tertiary care hospital, SVIMS	1. S. Sathish Kumar 2. K. Meena 3. P. Surendra V-pharma D) Krishna Teja Pharmacy College	Dr K. Prasanna Lakshmi Dr V. Vanajakshamma	675	-
41	Assessment of prevalence and factors associated with poor sleep quality among type 2 diabetes mellitus patients in a tertiary care teaching hospital SVIMS at Tirupati	1. C. Pavan Kumar 2. D. Revathi 3. K. Renu Priyanka V-pharma D) Krishna Teja Pharmacy College	Y. Chandravadana Dr V. Suresh	676	-
42	Treatment and patient related factors affecting non-adherence among patient's on anti depressant therapy in the department of psychiatry	1. K. Indraja 2. Kailasam Gauathri 3. S. Madhuri V-pharma D) Krishna Teja Pharmacy College	Dr K.T. Naik Dr B. Sivanandh	677	-
43	Prevalence of anxiety, depression, sleep disorders and it's management in cardiovascular disease patients – A prospective study	1. K. Rani 2. Kunda Sireesha 3.N. Mahesh Kalyan Chakravarthi V-pharma D) Krishna Teja Pharmacy College	Dr K.T. Naik Dr V. Vanajakshamma	678	-
44	Assessment of inhalation techniques & its effect on the quality of life in asthma & COPD patients through authorized questionnaire	1. B. Deepika Reddy 2. C. Sonika 3. P.P. Ladhida V-pharma D) Krishna Teja Pharmacy College	Dr V. Jayasankar Reddy Dr K. Preethi	679	-
45	A study of prescribing pattern, drug utilization in acute coronary syndrome patients at a tertiary care hospital	1. S. Syfullah 2. M. Lasya V-P harma D) Krishna Teja Pharmacy College	Dr M. Alagu Sundaram Dr V. Vanajakshamma	680	-

46	Combined prospective and retrospective study on presentation and outcomes of urinary tract infection in type 2 diabetes mellitus patients	1. Kavuluri Haritha 2. Cheelapalli Likhitha 3.Vanjavakam Sree Lakshmi (V-Pharma D)Sree Vidyanikethan College of Pharmacy	S. Ramu Dr Nishitha	681	-
47	Impact of counseling on quality of life of cancer patients receiving radiation therapy in tertiary care centre	1. N. Devipriya 2. D. Harshitha 3. M. Tejaswini (V-Pharma D)Sree Vidyanikethan College of Pharmacy	Dr S. Vijayaraj Dr Pranabandhu Das	682	-
48	A comparative study on efficacy and safety of 5% benzoyl peroxide, 0.1% adapalene, 5% dapsone in the treatment of acne vulgaris	1. J. Amulya 2. K. Mounika Sai 3. L.M. Tarak Nath (V-Pharma D)Sree Vidyanikethan College of Pharmacy	Dr C.K. Ashok Kumar Dr A. Surekha	683	-
49	A cross-sectional study on spectrum of rheumatic heart disease and its prescribing patterns " in a tertiary care hospital	1. M. Akhila 2. P. Jayasri (V-Pharma D)Sree Vidyanikethan College of Pharmacy	Mrs. K. Anitha Dr V. Vanajakshamma	684	-
50	Factors affecting compliance of capecitabine in India population and its toxicity profile – An observational study	1. Badimela Gayathri 2. Chilla Sai Jyothi Chandana 3. Edagotti Uma Maheswari (V-Pharma D)Sree Vidyanikethan College of Pharmacy	Mr. Ashok Thulluru Dr Ravi sankar. A	685	-
51	Monitoring for adverse drug reactions and improving adherence by patient counseling in patients receiving anti-tuberculosis treatment: A prospective study	1. P. Harika 2. GS. Priya Darshini 3. P. Shalu Reddy (V-Pharma D)Sree Vidyanikethan College of Pharmacy	Dr Santhivardhan Chinni Dr Manolasya .V	686	-
52	A cross-sectional study on drug prescription and drug utilization pattern in pediatric patients in a tertiary care hospital	1. S. Nagamani 2. M. Pavan Kumar 3. B. Roshitha (V-Pharma D)Sree Vidyanikethan College of Pharmacy	P. Latha Dr P. Sudha Priya	687	-
53	Relation between pill burden sleep quality, anxiety and depression in pre-dialysis chronic kidney diseases patients (Diabetic and non diabetic): A prospective study	1. SK. Khaja Shanawaz Basha 2. T. Mahendra Reddy 3. D. Shakir 4. S.Shiva Prasad (V-Pharma D)Sree Vidyanikethan College of Pharmacy	Dr R. Jayaraman Dr Ram	688	-
54	A cross sectional study to evaluate distress and medication adherence in patients with type 2 diabetes mellitus	1. Lekkala Haindavi 2. C. Sailahari 3. T.M. Shalini 4. Srujana. J (V-Pharma D)Sree Vidyanikethan College of Pharmacy	M. Pratap Dr V. Suresh	689	-

55	Factors affecting levothyroxine replacement doses in patients with primary hypothyroidism	1.L. Bhargavi 2. A. Mounika 3. T. Suneetha V-P harma D Sree Vidyanikethan College of Pharmacy	Dr Narahari Narayan Palei Dr G. Praveen Kumar	693	-
56	A Prospective study on rational antibiotic and analgesic utilization patterns in surgical unit at a tertiary care teaching hospital	1.M. Nagarjuna 2. S.M. Kokila 3. M. Neeraja 4. M. Poojitha V-P harma D Seven Hills College of Pharmacy	Dr M. Manasa Dr G. Kishore Babu	694	-
57	Antibiogram and management outcomes of culture positive peritonitis in patients of end stage renal disease on chronic peritoneal dialysis programme	1. M. Chandu 2. K. Chandana 3. M.D. Priyanka 4. Y. Mounika V-P harma D Seven Hills College of Pharmacy	Dr I Binnish Dr V. Siva Kuamr	695	-
58	A retrospective study on anti-psychotic prescribing patterns in elderly patients with psychiatric disorders in a tertiary care hospital	1. K. Mansekhar 2. S. Chethana 3. S. Disha Rani 4. G. Roop Sai V-P harma D Seven Hills College of Pharmacy	Dr M. Manasa Dr B. Sivanandh	696	-
59	A retrospective study on management of poly cystic ovarian syndrome in tertiary care hospital	1. A. Navitha 2. G. Sowjanya 3. G. Nagarjuna 4. SK. Kousar Haniefa V-P harma D Seven Hills College of Pharmacy	Dr I. Binnish Dr E. Jahnavi	697	-
60	A retrospective study on drug prescribing patterns of antifungal drugs in dermatology OPD of a tertiary care hospital	1. B. Sandeep Kumar Naik 2. A. Narasimhulu 3. T. Sankar Reddy 4. S. Manusha V-Pharma D Seven Hills College of Pharmacy	Mrs. P. Rihana Begum Dr A. Surekha	698	-
61	A clinical comparison of topical ciprofloxacin versus neomycin in chronic suppurative otitis media (CSOM) patients presenting to SVIMS-SPMC(W) hospital, Tirupati	1. P. Sarvani 2.D. Roopa 3. N. Pavan Kumar V-Pharma Seven Hills College of Pharmacy	Mrs. P. Rihana Begum Dr M. Lakshmi Prathima	699	-
62	A retrospective study on adverse events of thionamide therapy in grave's disease and toxic multinodular goiter	1. G. Jaydeep sundar 2. S. Thazammul Ferdous 3. N. Lakshmi Likhitha Reddy V-Pharma D Seven Hills College of Pharmacy	Dr I. Binnish Dr Bharath Bachimanchi	700	-
63	A retrospective study on risk factors, incidence rate and management of urinary tract infections in paediatrics in a tertiary care hospital	1. Talari Sunanda 2. Bande Shareef 3. Manchooru Venu 4. Thota Maduri V-Pharma D Seven Hills College of Pharmacy	Mrs. P. Rihana Begum Dr Rinu Dwivedi	701	-

The faculty of SVIMS have submitted their protocols for clearance in the IEC/RC

IEC No.	Title	Principal Investigator	Res. Com. No.
221	A randomized, double-blind, placebo-controlled, event-driven trial of quarterly subcutaneous canakinumab in the prevention of recurrent cardiovascular events among stable post-myocardial infarction patients with elevated hsCRP	Dr D. Rajasekahar Sr. Professor & HoD Cardiology	-
	A pilot study on celiac disease in type 1 diabetes mellitus	Dr V. Ashok Asst. Professor Endocrinology	295
	Dr Subhashini Yaturu Gold Medal for medical faculty to the medical faculty of SVIMS for the best published scientific paper for the year 2016	Dean Academic Section, SVIMS	297
	Proposal for giving Tablet (ipad type), loaded with educational material for full MBBS course to all the MBBS students of SPMC(W) on par with all the MBBS students of Govt. Medical Colleges in the state of Andhra Pradesh	Dr M. Hanumantha Rao Principal, SPMC(W) Tirupati	298
589	Adenosine deaminase activity in type2 diabetes mellitus	Dr MM. Suchitra Assoc. Professor, Biochemistry	-
610	Trends in Dengue NSI positivity during 2011-2015 at Sri Venkateswara Institute of Medical Sciences, Tirupati, a tertiary care teaching hospital in South India	Dr Usha Kalawat Assoc. Professor Microbiology	-
611	Effects of 'Heartfulness' meditation on mental well-being in healthcare students of a medical University in South India	Dr Vijaya Chandra Reddy. K Asst. Professor, Pharmacology	-
613	Assessment of health promoting life style among the under graduate students of Sri Venkateswara Institute of Medical Sciences University, Tirupati, Andhra Pradesh	Dr Ravi Sankar .D Asst. Professor Community Medicine	-
626	A comparative analysis of three different dose fraction regimes of high dose rate intracavitary brachy-therapy in treatment of carcinoma of uterine cervix	Dr B.V. Subramanyam Assoc. Preofessor, Radiotherapy	276
-	To compare the incidence of radiation induced hypothyroidism after exposure to more than vs less than 50% of total thyroid volume to 45 Gy following external beam radiation therapy in patients with head and neck cancer	Dr Pranabandhu Das Asst. Professor Radiotherpay	289
627	Recurrent spinal meningeal melanocoytoma – a case report with brief literature review	Dr Amith Kumar Chowhan Assoc. Professor, Pathology	300
635	A Pilot study on celiac disease in type 1 diabetes mellitus	Dr Alok Sachan Professor & HoD, Endocrinology	299
636	Impact of various prognostic factors on overall survival, disease free survival and patterns of failure in carcinoma cervix- a tertiary care center experience from South India	Dr Archana Prathipati Asst. Professor Radiotherapy	-
659	Anatomico neuro physiological study of urdwasakha marmas with special reference to manibandha marma	Dr B. Vengamma Sr. Professor & HoD, Neurology	-
664	Assessment of intensity of cholesterol lowering by HMG- COA reductase inhibitors (Statins) in patients with type2 diabetes mellitus	Dr Ashok Venkatanarasu Asst. Professor, Endocrinology	306
665	A study of non-traditional biochemical markers of cardiovascular risk in relation to the level of fasting glycemia in patients with type 2 diabetes mellitus.	Dr N. Harini Devi Asst. Professor Biochemistry	307
666	Influence of aerobics versus indoor cycling on body composition and lung function in over weight and obese female subjects	Dr A. Viswanath Reddy Assoc. Professor College of Physiotherapy	305

	A Study on optimal timing of Cranioplasty for cases of decompressive craniectomy.	Dr V.V. Ramesh Chandra Assoc. Professor, Neurosurgery	309
	Patterns and prevalence of dyslipidemia in obese persons in Chittoor District	Dr M.M. Suchitra Assoc. Professor, Biochemistry	315
	Screening for thyroid disorders in medical undergraduate students	Dr PVLN. Srinivasa Rao Sr. Professor & HoD, Biochemistry	316
	Prevalence of Autonomic Neuropathy in patients with type 2 Diabetes Mellitus with special reference to cardiac Autonomic Neuropathy	Dr Alok Sachan Prof. & HoD, Endocrinology	317
	A study of BMD and factors affecting BMD in type 1 diabetes mellitus	Dr Alok Sachan Prof. & HoD, Endocrinology	318
	Effects of adequate treatment of hyperthyroidism on glycated hemoglobin levels in nondiabetic subjects with hyperthyroidism	Dr V. Suresh Professor of Endocrinology	321
	A study of Non-Traditional Biochemical markers of cardiovascular risk in relation to the level of fasting glycemia in patients with type 2 diabetes mellitus.	Dr PVLN. Srinivasa Rao Sr. Professor & HoD Biochemistry	322
	Academic projects for Pharma-D students of Krishna Teja Pharmacy college, Tirupati	The Dean SVIMS	323
668	Etilogy and predictors of outcome in patients presenting with acute respiratory failure requiring mechanical ventilation I oa medical intensive care unit	Dr A. Mohan Professpr & HoD Medicine	-
	Study of anti-atherogenic effects of rosuvastatin in patients with type 2 diabetes mellitus	Dr Aparna R Bitla Assoc. Professor Dept. of Biochemistry	325
	Effect of adequate thyroid hormone replacement on the hypothalamo-pituitary gonadal axis in premenopausal women with primary hypothyroidism	Dr V. Suresh Prof. of Endocrinology	328
	Influence of aerobics versus indoor cycling on body composition and lung function in over weight and obese female subjects	Dr A. Mohan Prof& HoD Medicine	329
	Association of Indian Universities Round table of VCs of Health Sciences Universities.	Programme coordinator SVIMS	337
	A study of 2017 influenza outbreak with detection and molecular characterization of various respiratory viruses in respiratory samples of patients with Influenza Like Illness (ILI)	Dr Usha Kalawat Assoc. Professor Microbiology	338
	The role of magnetic resonance imaging (MRI) in pre-operative assessment of rectal carcinoma with regard to local staging, circumferential resection margin and mesorectal fascia involvement	Dr B. Silpa Kadiyala Asst. Professor Radiology	339
	An observational study of pre and post contrast MRI features of invasive breast carcinoma	Dr B. Vijayalakshmi Devi Addl. Professor, Radiology	340
669	A comparative study of two small group teaching methods i.e. tutorials and seminar as a supplement to lecture classes for 1st year MBBS students	Dr Arpana Bhide Asst. Professor, Physiology	341
690	A study of Directly Observed Procedural Skill (DOPS) as an assessment tool for evaluation of first year MD (Anaesthesiaology) and MD (Medicine) postgraduate students after a training programme for tracheal intubation.	Dr M. Hanumantha Rao Sr. Professor & Principal SPMC (W)	-
691	Using journal articles to teach Epidemiological methods and Biostatistics to medical undergraduates as part of Community Medicine Curriculum: A Mixed Problem Based Teaching Approach	Dr D. S. Sujith Kumar Assoc. Professor Community Medicine	-
692	Efficacy of Neutrophil/Lymphocyte & Platelet/Lymphocyte Ratios in predicting malignant potential of an ovarian mass	Dr Sivanath Reddy Gajjala Asst. Professor, Surgical Oncology	-

6.7 Events at SVIMS

1. **68th Republic Day celebrations** were held in SVIMS campus on 26.01.2017. The Director-cum-VC addressed the gathering. The employees who rendered good services were honored with merit certificates and cash prizes.

2. **World Cancer Day** was observed on 04.02.2017. A Public awareness programme was organized. The Director cum Vice Chancellor Dr T.S.Ravikumar inaugurated the programme and distributed Cancer awareness pamphlets to the patients

3. **The sports day** was conducted on 19.02.2017 in connection with the 24th anniversary celebrations of the University. The event was inaugurated by Smt. R.Jayalakshmi, IPS, Supdt of Police, Tirupati urban attended as a Chief guest and inaugurated the programme.

4. **The International Women's day** was celebrated on 08.03.2017. In this connection the Director-cum-VC addressed the women gathering and measures to be taken on prevention of cancer. Prof. Dr Ranganath and Dr Kala from Rastriya Sanskrit Vidyapeet were felicitated.

5. **World Kidney Day** was observed on 09.03.2017. A public awareness programme was organized. Dr T.S.Ravikumar, Director-cum-VC released awareness posters.

6. **World Tuberculosis Day** was observed on 24.03.2017. The Professor & HoD of Medicine addressed on current update on TB control.

7. **World Health Day** was observed on 07.04.2017. A public awareness programme was organized by the Dept. of Community Medicine

8. **The 107th International nurses' day** was celebrated on 12.5.2017. The Director cum Vice Chancellor inaugurating the function and addressing the Nurses Staff, faculty Doctors and Administration Staff.

9. **World Anti Tobacco Day** was observed and public awareness programme was organized by the Dept. of Medicine on 31.05.2017. The Director cum Vice Chancellor Dr T.S.Ravikumar inaugurated the programme and addressed the public. Dr Alladi Mohan, Professor & HoD of Medicine spoke on the Health Hazards of Tobacco smoking.

10. **World Voluntary blood donor day** was celebrated on 14.06.2017. Sri P. Pola Bhaskar, JEO, TTD, Tirupati was invited as Chief Guest and addressed the gathering.

11. **SVIMS Conducted 3rd International Yoga Day** celebrations at (SPMCW) on 21-6-2017 as per the guidelines of UGC and MHRD Govt. of India and Govt. of AP.

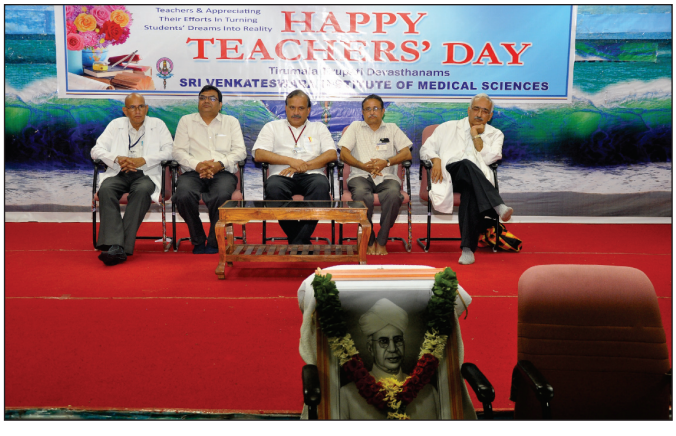
12. **PG Orientation programme** was held on 24.06.2017 for 2017-18 batch of PG Residents. The Director-cum-VC, HoDs, Faculty Doctors and Administrative heads made a presentation on facilities, procedures available in their departments. The Resident manual was released and distributed to all fresher PGs.

13. **The National Doctor's Day** was observed on 02.07.2017 in memory of Dr B.C. Roy. The speakers highlighted the services of Dr B.C Roy to the community.

14. **UG Orientation Programme** was organized for 4th batch of MBBS students (2017-18 batch) on 09-08-2017. The Director-cum-VC i/c, Principal & HoD's addressed on importance of Medical education Do's and Don't's in the premises etc.

15. **SVIMS conducted 71st Independence Day Celebrations** on 15.08.2017. Dr T.S. Ravikumar garu as given message for the faculty, Staff and Students stating that everybody should work hard for the development of their organization as well as for the country.

16. **Teachers day** was celebrated on 05.09.2017. The Director-cum-VC, faculty are seen garlanding the photo of Dr Sarvya Palli Radhakrishna. The Director and Sr. Faculty addressed on the importance of the occasion.



17. **World Physiotherapy Day** was observed on 08.09.2017. The Director-cum-VC and Chairman, TUDA launched the poster explaining the importance of physiotherapy.

18. **World Heart Day** was organized and an awareness programme was conducted on the topic "Heart disease – Prevention" on 24.09.2017. The speakers advised everyone should protect their own heart. The Director-cum-VC distributed fruits among patients on the occasion.

19. **Antiragging Awareness Programme** was conducted on 05.10.2017 for MBBS students. Sri. M. Muniramaiah, DSP, East Sub division Urban Police, Smt. M. Subhashini, Advocate and Sri. V. Srikanth Reddy, Psychologist addressed the students.

20. **The Fresher's Day** was celebrated on 14.10.17. The Director-cum-VC addressed the students and took the pledge from fresher's. The winners in sports and cultural events were awarded with prizes.

21. **National Breast Cancer Awareness Programme:** On the eve of the programme SVIMS and Dr. NTR Vaidyaseva jointly organised Medical Camp on Breast screening and awareness program for women on 31.10.2017

22. **Vigilance Awareness Week Programme** was organized on 4.11.2017. The Director-cum-VC i/c took "Integrity Pledge" from the employees.

23. **Fire Safety Mock Drill program** on 6.11.2017 and explaining to the staff, patients, public and members of the fire safety regarding how to shift the patients during the rescue hours at the time of fire accidents

24. **World diabetes day:** On the occasion of world diabetes day an awareness programme was organized on 14.11.17. The Director-cum-VC, explained various initiatives SVIMS proposed to contain the disease and also creating awareness against the disease. It was also planned to study a defined sub set of population and follow up group for a period to observe the development and behavior of diabetes, which will provide useful insights into the evaluation.

25. **World AIDS day** was observed on 01.12.2017. The Director –cum-VC i/c, Principal, SPMC (W), Faculty & Students of the University are seen participating the rally from SVIMS to NTR circle

26. **MEGA CPR Programme in Tirupati :** The Director-cum-VC, with the support of the faculty of Dept. of Anaesthesiology, Cardiology initiated mega CPR programme aiming to train up to 25000 people in Hands only CPR in observance of its silver jubilee celebrations, and to continue the community training thereafter. The goal is to make every citizen in Tirupati to be first responder, competent to provide CPR during the first few "Platinum Minutes" until professional medical care arrives

6.8 Sports Report

The University Sports Board was very active in organizing various sports and games activities and participating in Inter University, National and State level competitions for the year 2017.

Inter University Sports & Games events

The students participated at various All India, South Zone Inter University National Level competitions. The Physical Director, Team managers and Coaches of Neighboring Universities helped in training and accompanied the students to participate in the tournaments. The list of events participated by students of SVIMS for the year 2017 is as follows:

Event	Organized by	Date	Result
Kho –Kho (Women) South zone	University of Mysore, Mysore, Karnataka	4-10-17	Participation
Volley ball (Women) South zone	Kannur University, Kannur, Kerala	20-10-17	Participation
Hand Ball (Men) South zone	Krishna University, Vijayawada(AP)	20-10-17	Participation
Badminton (Women) South zone	Andhra University, Visakha Pattanam (AP) at Eluru.	12-11-17	Participation
Kabaddi (Men) South zone	Sathyabama University, Chennai	19-11-17	Participation
Badminton (Men) South zone	K.L University, Vijayawada (AP)	6-12-17	Participation
All India athletics (Men & Women)	Acharya Nagarjuna University, Gunturu (AP)	12-12-17	Participation
Volley ball (Men) South zone	SRM University, Chennai	24-12-17	Participation
Kho-Kho (Men) South zone	University of Mysore, Mysore, Karnataka	26-12-17	Participation
Cricket (Men) South zone	Andhra University, Visakha Pattanam (AP)	28-12-17	Participation

UNIFEST -2017

On the occasion of 24th Anniversary and Unifest celebrations, Sports and Games competitions were held during Jan-Feb 2017. During the competitions, the staff, their children and students actively participated. The winners of the competitions are as follows:

Champions in various sports and games:

S.No	Event Name	Category	Winner Champion	Runners Champion
1	Throw Ball (Women)	Staff	Mrs. Sarada Devi, HN & Team.	Mrs. Sunitha Devi, Chief Dietician & Team.
2	Badminton Doubles (Men)	Staff	Dr Sai Krishna, NM & Dr Rathanakar, EM	Mr.NSR.Murali Krishna, AMRO Asst. & Mr. Chandra Mohan, Out sousing, GM section.
3	Cricket (Men)	staff	Dialysis Team Captain Mr. Sankar and Team	Security Team, Captain Mr. Chandra & Team
4	Cricket (Men)	Students	College of Nursing, Captain-V.Sreenu, Final Yr. & team players.	PMTC team, Captain -Mr.G.Mukesh, Dial.Tech. Final Yr. & team Players.
5	Cricket (Women)	Students	College of Nursing -captain- Ms. Swapna, IV yr. & Team Players	College of Physiotherapy – captain – Ms. Sajida, BPT IV yr. & team Players.
6	Volleyball (Men)	Students & Staff	College of Physiotherapy – captain-S.Md.Ali,BPT Final yr. & team players	PMTC team, SVIMS – Captain – Mr.Manjunath,MLT & team Players.
7	Volleyball (Women)	students	College of Nursing - Captain- Ms K.Rekha, M.Sc.(N) & team Players.	College of Nursing –captain- Sai Mounika, B.Sc.(N) & team players
8	Badminton Doubles	(Men&Women) Students	College of Physiotherapy Boys:S.Mohammed Ali & K. Noheeth BPT Final yr. College of Physiotherapy Girls:Mrs.Aruna Priya, MPT & Mis.Karshma, BPT, final yr.	College of Physiotherapy Boys:N.Jagadeesh & G.Lokesh BPT III yr. College of Nursing Girls: N.Lokeswari & P.Harathi, B.Sc.(Nur) II yr.
9	Kho-Kho (Men& Women)	Students	College of Nursing – Boys:Mr.T.Chandranna, B.Sc(N) F.YR.& Team Players Girls:Mis.Bhargavi,B.Sc.(N) & Team Players.	PMTC team Boys: Mr.Subhash, PMTC(AT) & Team Players. Girls: College of Nursing-svims- Ms.Leelavathi, B.Sc (N) & team players.
10	Kabaddi (Men)	Staff & Students	College of Nursing: Mr.K.Vamsi Krishna, B.Sc(N), & team players.	College of Physiotherapy Boys:Mr.Prasad, MPT I yr. & team players

UNIFEST–2017 Students Individual champions

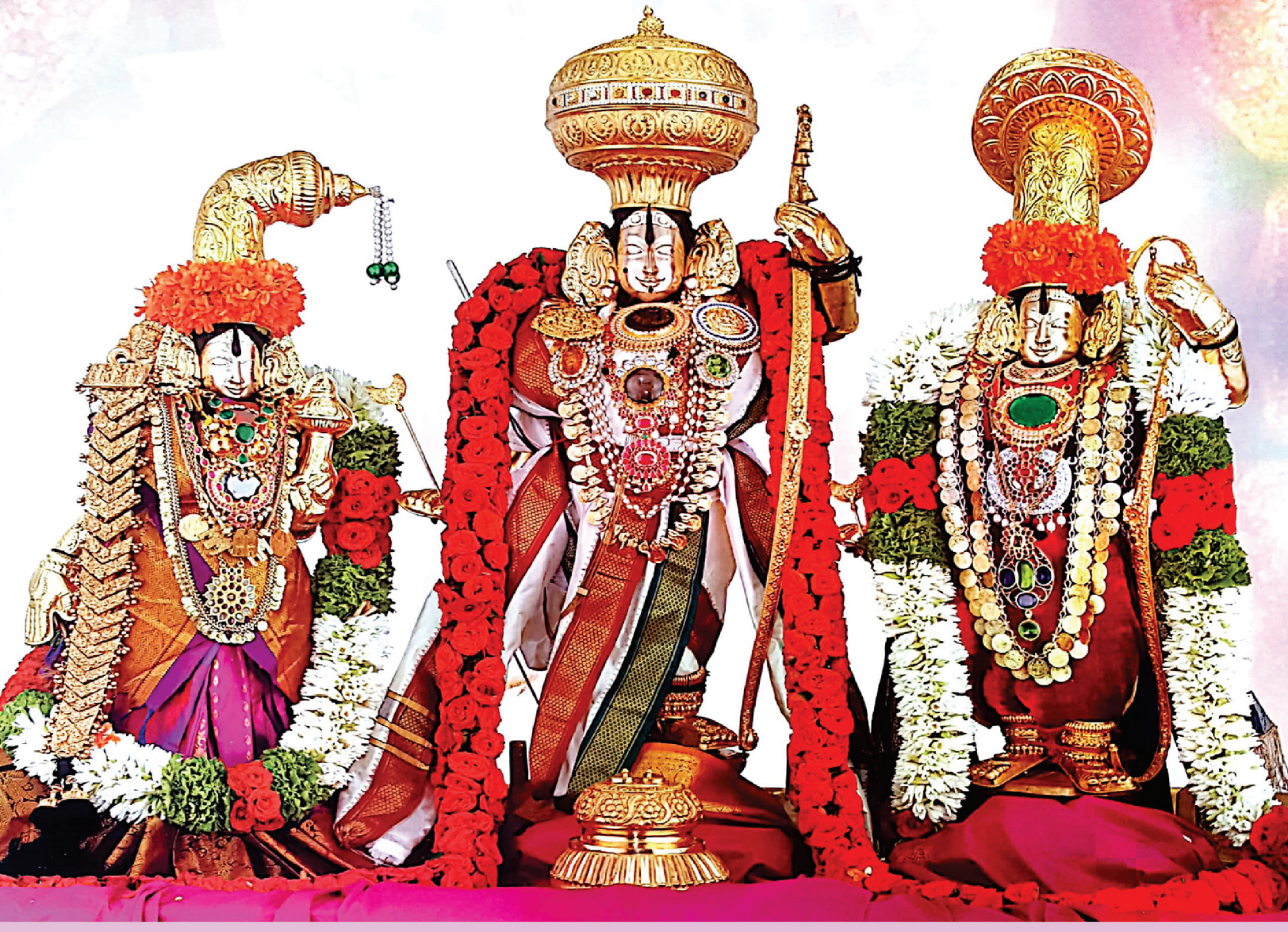
Men: Mr S.Mohammed Ali, BPT Final Yr. with 17 points (100 mtr. 1st place, 200 mtrs. 3rd place, Long Jump 1st place, High Jump 1st place)

Women : Ms.B.Sravani, B.Sc.(N) 2nd yr. with 13 points (100 mtrs. 1st place, 200 mtrs. 1st place, 400 mtrs 2nd place)

Overall championship: Bagged by College of Nursing

The staff and students participated in local tournaments as follows:

S.No	Tournament	Date	Name of the staff & students	Result
1.	Senior Inter District State level Volley Ball Champ-17	16-11-17	Mr.S.Mohammed Ali, BPT, Final Yr.	Participation
2.	Invitational Inter State Volley Ball Champ-2017 (In memory of ARIF)	26-11-17	Mr.S.Mohammed Ali, BPT, Final Yr.	Runners up
3.	XXVII SNA BIENNIAUL State Nursing Conference & Sports (Athletics) Meet-17	18-8-17	Mr. D.Jayaram, B.Sc (Nursing),IIyr.	First Place in 100 mtr. Run.



IV PATIENT CARE SERVICES

IV Patient Care Services

1.0 Out-patient and in-patient services

The out-patient services are provided on all days (except Sunday) 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 patients.

The Medical Records Department (MRD) facilitates the registration of patients to enable them to avail of 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. The 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)

Departments	Days	Room No.
Cardiology	Monday to Saturday	18, 19
C.T.Surgery	Monday to Saturday	16, 17
Endocrinology	Monday to Saturday	39, 40
Medicine - I	Monday, Thursday	25, 26
Medicine - II	Tuesday, Friday	
Medicine – III	Wednesday, Saturday	
Medicine - IV	Monday, Wednesday, Friday	SPMC (W), Hospital
Medicine - V		
Gastroenterology - Medical	Wednesday, Saturday	26
Gastroenterology - Surgical	Monday to Saturday	41, 42
General Surgery - I	Monday, 1st Saturday	SPMC (W), Hospital
General Surgery – II	Tuesday, 2nd Saturday	
General Surgery - III	Wednesday, 3rd Saturday	
General Surgery - IV	Thursday, 4th Saturday	
General Surgery - V	Friday	

Departments	Days	Room No.
Oncology-Surgical	Tuesday, Thursday, Saturday	30
Nephrology	Monday, Wednesday, Friday	35, 36, 37
Urology	Monday, Wednesday, Friday	45
	Tuesday, Thursday, Saturday	35, 36, 45
Haematology	Monday to Saturday	Gr floor New stores block
Obstetrics & Gynaecology	Monday to Saturday	SPMC (W), Hospital
Paediatrics	Monday to Saturday	
Ophthalmology	Monday to Saturday	
E.N.T	Monday to Saturday	
Dermatology	Monday to Saturday	
Dental	Monday to Saturday	
Plastic Surgery	Mon ,Wed, Fri	30
TB & RD	Monday to Saturday	SPMC (W), Hospital
Sunday Holiday		

SPECIAL CLINICS

Departments	Days	Room No.	Timings
Breast Clinic	Monday	29	7.00 -11.00 am
Chest Clinic	Monday, Thursday	25, 26	7.00 -11.00 am
Juvenile Diabetic Clinic	2nd Saturday	39, 40	7.00 -11.00 am
Paed. Endocrinology	Tuesday	39, 40	2.00 - 2.30 pm
Rheumatology Clinic	Monday, Wednesday, Friday	31	7.00 -11.00 am
Speech Therapy	Monday to Saturday	24	8.00 - 4.00 pm
Master Health Check-up	Monday to Saturday	25	7.00 -11.00 am
Psychiatry	Monday to Saturday	24	8.00 - 4.00 pm
Geriatric	Wednesday, Saturday	25, 26	7.00 -11.00 am
Vascular Clinic (Arterial Disease)	Wednesday	16	12.00 pm
Deep Venous Thrombosis	Friday	16	12.00 pm
Evening Special clinics			
Cardiology	Monday to Saturday	18, 19	3.00 - 4.00 pm

Sunday Free Clinics

Departments	Days	Room No.	Timings
Psoriasis & Pemphigus	1st Sunday	SPMC (W), Hospital	9 a.m.- 11 a.m.
Routine Dental Checkup			
Oral Hygine Cilinic			
Well Baby Clinic			
Deafness			
Thyroid & Varicose Veins	2nd Sunday	SPMC (W), Hospital	
Glaucoma, Paediatric			
Ophthalmology & Squint			
Carcinoma Breast			
Carcinoma Cervix			
Endocrinology	2nd Sunday	39, 40	7-00 a.m. - 11-00 a.m.
Epilepsy	3rd Sunday	21, 22	
Hypertension Clinic	Last Sunday	18, 19	
Prosthetic Valve Clinic	Last Sunday	18, 19	

No Queue system

No Queue system was introduced for facilitating repeat patients to get their registrations and appointments on priority basis by sending SMS through mobile phone to regulate the overcrowding of patients and reduce the waiting time for services. About 60% of patients are utilizing this facility effectively (repeat cases only).

No Queue system:

Procedure for Registration

1. *Send sms to 9248080250*
2. *Type noq<space>department name<space>hospital number/UHID (6 digit number)*

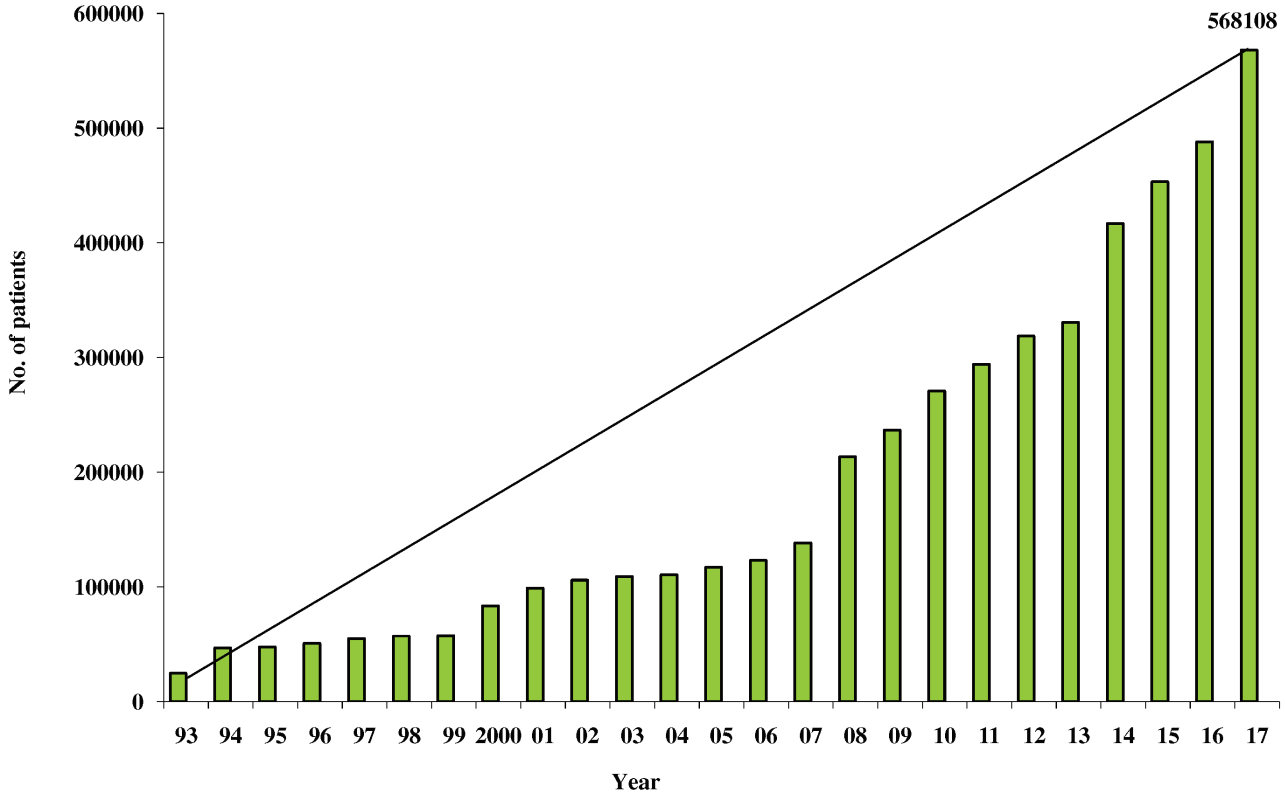
Example: noq card 545676 (for registration under cardiology)

Note: 1. This facility can be availed within 15 days from the date of first consultation / renewal for repeat registration patients.

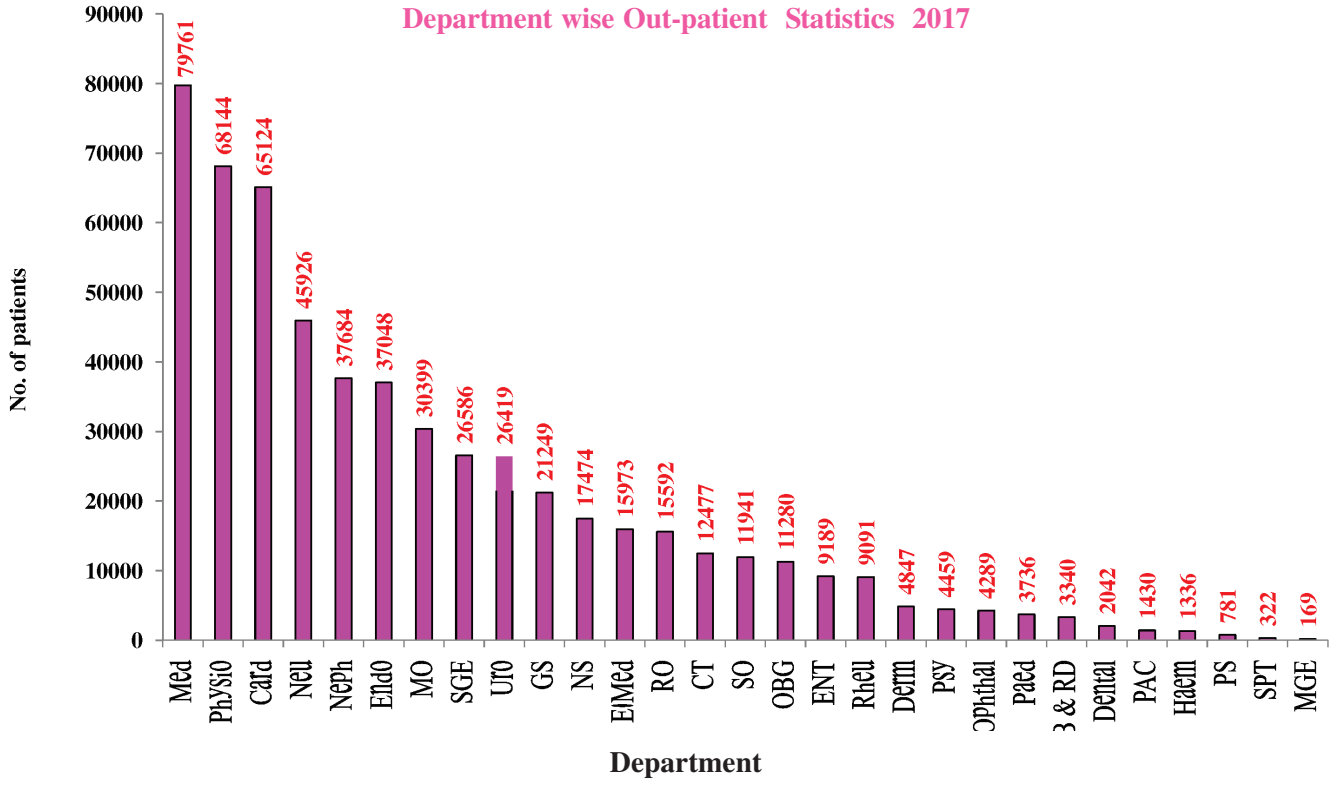
2. This facility can be used for current registration only & not for fixing appointment for future date.

Cardiology	-card	Neurosurgery	-ns	Surgical Oncology	-so
CT Surgery	-ct	Nephrology	-neph	Radiation Oncology	-ro
Endocrinology	-endo	Urology	-uro	Haematology	-haem
Gastroenterology	-ge	Medicine	-med	Breast Clinic	-bc
Neurology	-neuro	Rheumatology	-rhu	Medical Oncology	-mo

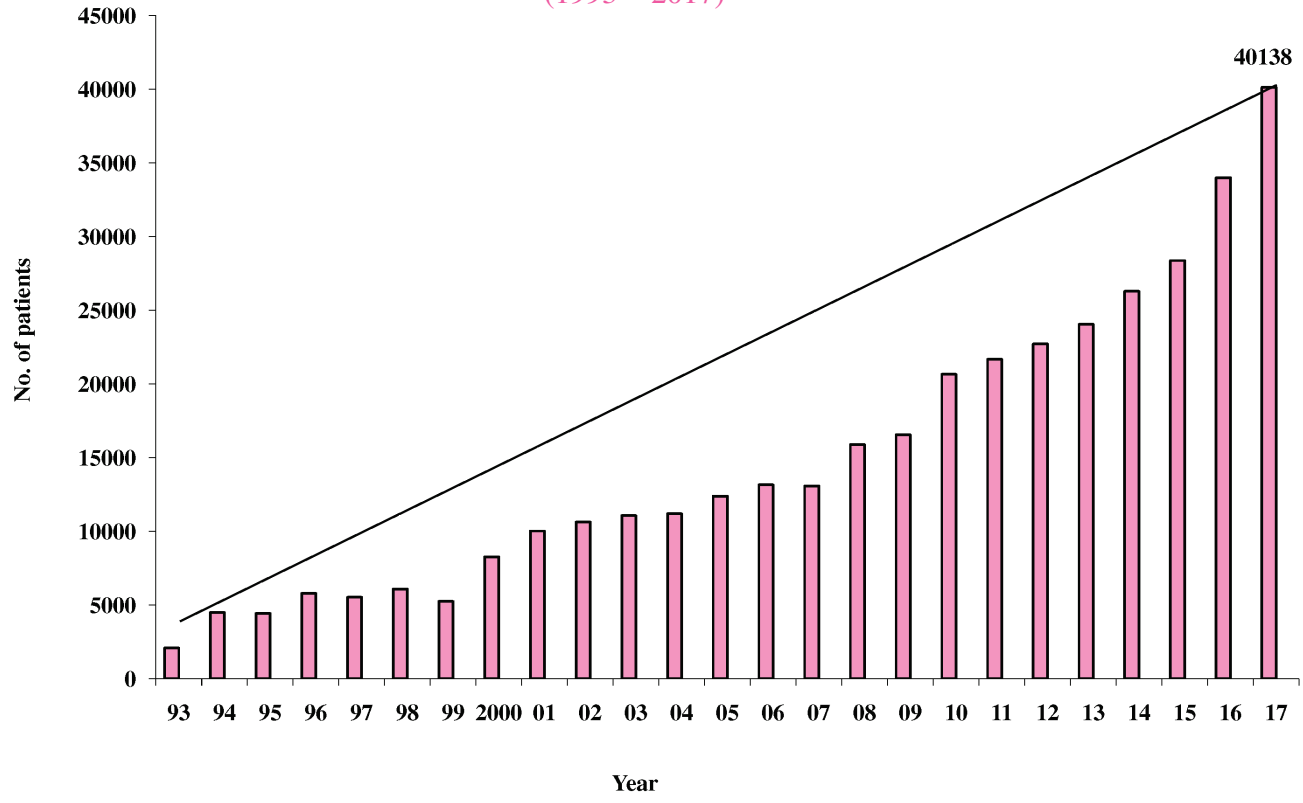
Yearly flow of out-patients
(1993 - 2017)



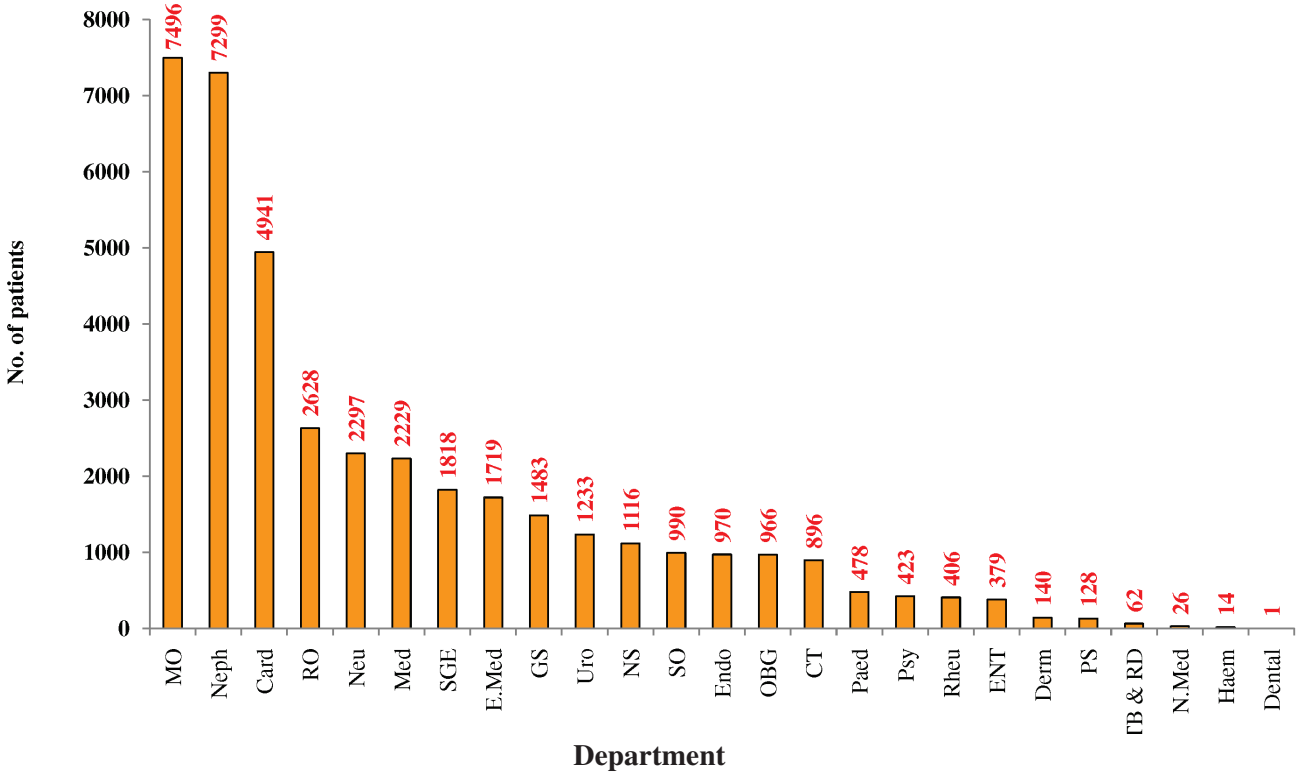
Department wise Out-patient Statistics 2017



Yearly flow of in-patients
(1993 – 2017)



Department wise in-patient statistics 2017



Laboratory – wise investigation statistics (1993-2017)

S. No.	Department	No. of Investigations
1	Biochemistry	74,26,050
2	Haematology	64,28,505
3	Microbiology	14,33,873
4	Radiology	14,00,293
5	Clinical Pathology	11,89,143
6	Blood bank	11,43,238
7	Cardiology	10,49,997
8	Endocrinology	56,35,32
9	Dialysis	2,66,693
10	Pathology	2,11,699
11	Neurology	73,938
12	G.E	50,909
13	Nuclear Medicine	38,921
14	PFT	32,641
15	HIC (MB)	20,985
16	Urology	18,470
17	C.T.Surgery	13,792
	Total	**2,13,62,679**

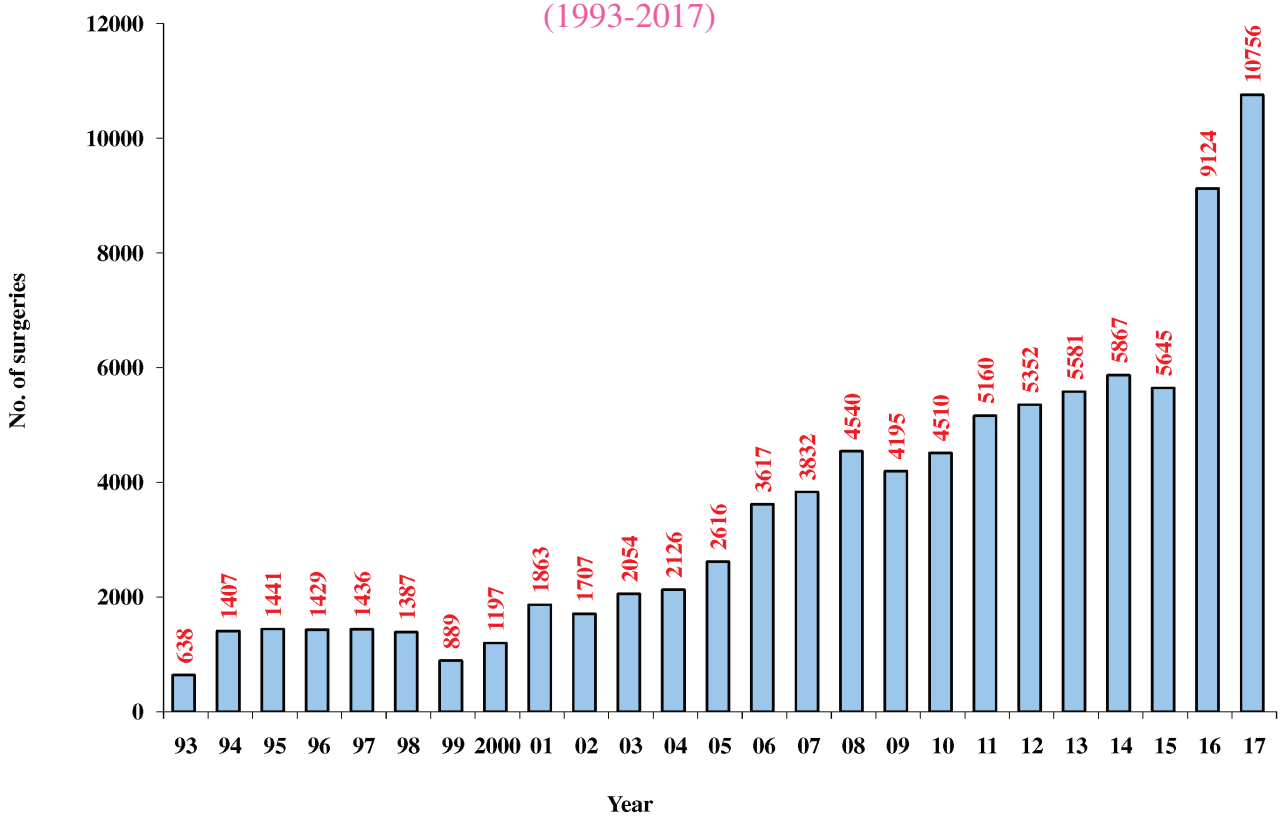
Laboratory – wise investigation statistics (2017)

S. No.	Department	No. of Investigations
1	Biochemistry	6,69,011
2	Haematology	6,30,103
3	Microbiology	1,76,862
4	Radiology	1,24,434
5	Blood bank	1,08,582
6	Cardiology	1,06,535
7	Clinical Pathology	1,04,093
8	Endocrinology	69,515
9	Dialysis	53,233
10	HIC (MB)	20,985
11	Pathology	17,768
12	P.F.T	4,870
13	Neurology	4,787
14	Nuclear Medicine	4,681
15	GE	2,794
16	Urology	743
	Total	**2,09,89,96**

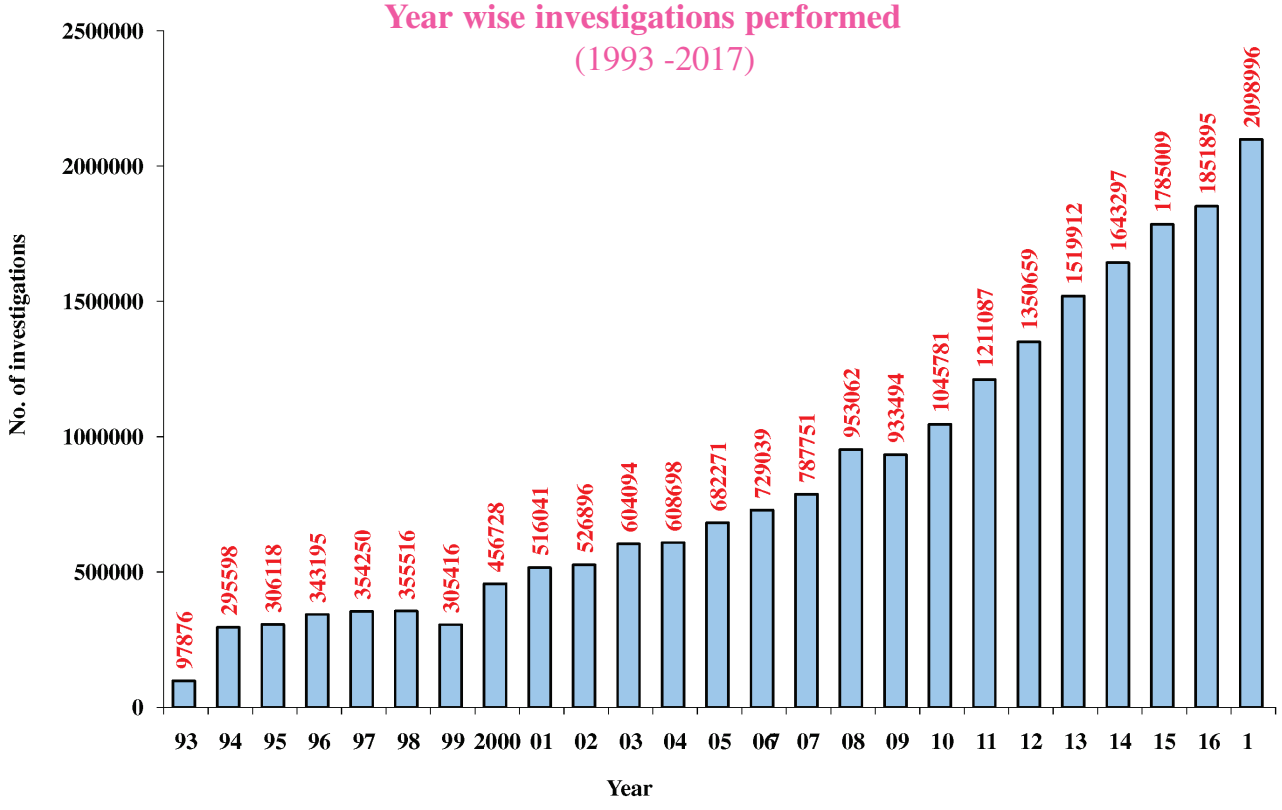
Vital statistics
Comparision with 2016 & 2017

No	Vital statistics	2016	2017	%
1	Bed occupancy rate	75.87	79.79	5
2	Average length of stay	7.20	7.21	0.1
3	Gross death rate	4.10	3.89	5
4	Net death rate	1.97	2.03	3
5	Monthly Average Bed Turnover rate	3.66	3.87	6
6	Daily Average Inpatient census	585	690	18

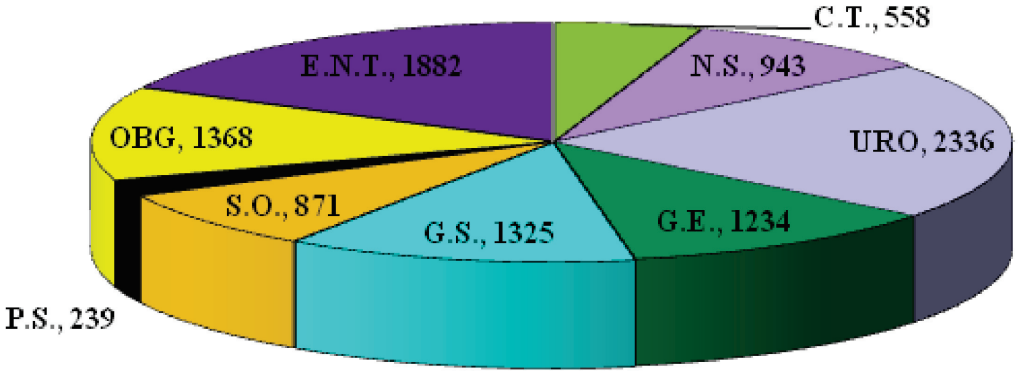
Year wise surgeries No.of patients
(1993-2017)



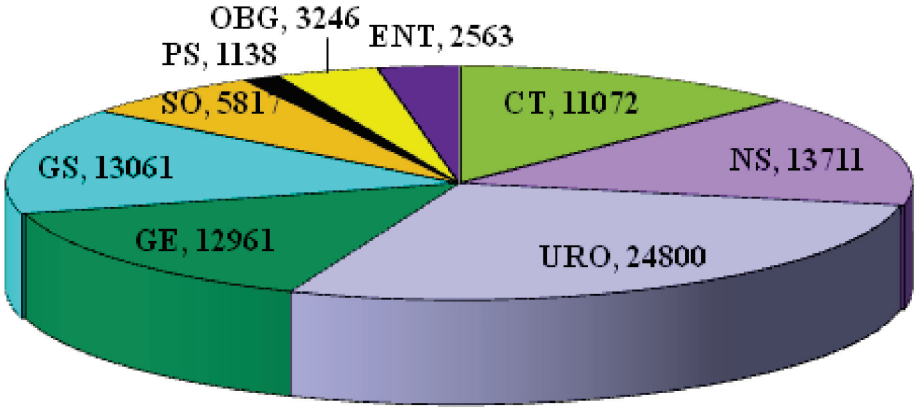
Year wise investigations performed
(1993 -2017)



Total No. of Surgeries Performed 2017



Department wise surgery statistics 1993 – 2017



1.1 Emergency services

The 30-bedded emergency medicine department is well-equipped with monitors, ventilators etc, and works round-the-clock under the supervision of the HOD, Dept. of Emergency Medicine. All the emergency patients are admitted into emergency medicine and later transferred to the ICU/specialty care.

A 'Triage' system is implemented in the Emergency services adopting emergency severity index (ESI) scoring system.

Resuscitation and Trauma bay:

A multi dimensional programme for the prevention and treatment of trauma called SVIMS Institute of Trauma and Emergency Care (SITEC) was launched in SVIMS on 22nd August 2016. Prof. Michel B. Aboutanos, President of PanAmerican Trauma Society (PTS) was the visiting professor and delivered keynote address in the programme.

SVIMS signed an MoU with PanAmerican Trauma Society to develop integrated Trauma Systems of Care in Rayalaseema region.

Prof. Michel B. Aboutanos gave an overview of the PanAmerican Trauma Society (PTS), its functioning, academic programmes, facilities etc., and secondly on how they are dealing with mass trauma cases. He assured the support of PTS to develop the Trauma Care System in SVIMS.

All stakeholders - doctors, nurses, police, civil administration, revenue authorities, air/ road/rail transport authorities, all first responders like Fire department, industry leaders, ambulance authorities, disaster nodal personnel will be engaged to establish "Trauma System of care". Pre-hospital care, hospital care and post hospital management were integrated for effective trauma care system.

SVIMS conducts regular drills on Fire, Trauma, Mass casualty and Disaster management.

1.2 Dr NTR Vaidya Seva Scheme

Through the Dr. NTR Vaidya Seva 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 seperation of Andhra Pradesh & Telangana states, the name of the scheme has been changed to Dr NTR Vaidya Seva Scheme as per the abstract from Health, Medical & Family Welfare (I.1) dept. dt: 17.12.2014. Now the scheme covers around 1040 procedures.

Dr NTR Vaidya Seva 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-I	- Member
5.	Resident Medical Officer-II	- Member
6.	Chief MEDCO	- Member
7.	Accounts Officer	- Member

For effective implementation of Dr NTR Vaidya Seva Scheme and for timely delivery of health care services to the poor, the Institute has established a separate office with Chief Medical Coordinator [Chief MEDCO], 5 Medical Coordinators [MEDCO], 1 Superintendent, 03 Pharmacists, 37 Data entry operators and 02 Bed side assistants apart from the Vaidya Mithras of the NTRVST.

The Dr NTR Vaidya Seva Scheme review committee meetings are held regularly on every 1st and 3rd Thursday of each month.

The institution is regularly conducting camps as per the schedule. The public relations department of SVIMS in consultation with district Co-ordinator of the NTRVST 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 NTR Vaidya Seva Scheme camps conducted

(Aug' 2007 – Dec' 2017)

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	1,307
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	2852	71
	Total	**460**	**1,11,935**	**5,619**

Surgeries conducted under Dr NTR Vaidya Seva Scheme

(Aug' 2007 – Dec' 2017)

Period	C.T. Surgery	Neuro surgery	Urology	Surgical oncology	Surgical GE	General 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	13	3,066
2017	521	656	836	599	916	534	18	4,080
Total	**5302**	**4504**	**4735**	**4417**	**6330**	**2146**	**237**	**27,671**

OP & IP statistics (Unit-wise flow)

(Aug' 2007 – Dec' 2017)

Unclaimed (Cashless Transactions)

Unit	Unclaims			
	OP Total (New & repeat)	Inpatients		Grand total OP&IP
		Total	Ex-pired	
Cardiology	85357	6114	38	91471
CT Surgery	18541	819	25	19360
Dermatology Emergency	02	0	0	2
Medicine	619	23	0	642
Endocrinology	10	2		12
ENT surgery	07	5		12
General Medicine	26	0	9	26
General Surgery	7954	162	0	8116
Haematology Medical	02	0	0	2
oncology	51432	252	9	51684
Nephrology	66718	24	2	66742
Neurology	8007	14	10	8021
Neurosurgery	10879	314	16	11193
Obstetrics	11	3		14
Opthalmalogy	03	0		3
Plastic surgery	303	36	1	339
Radiation oncology	16407	374	10	16781
Rheumtology	05	0		5
Surgical GE	40196	279	11	40475
Surgical oncology	25186	190	1	25376
TBCD	02	0	0	2
Urology	34319	182	0	34501
Grand Total	**3,65,986**	**8793**	**132**	**3,74,779**

Medical Cases conducted under Dr. NTR Vaidya Seva Scheme

(Aug' 2007 – Dec' 2017)

Period	Cardiology	Nephrology	Medical Oncology	Neurology	Emergency Medicine	Radiation Oncology	Endocrinology	General Medicine	Rheumatology	Anaesthesiology	Paaediatrics	TB & RD	Anaesthesiology	ENT Surgery	Obstetrics	Dermatolog	Total
2007	7	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	1033	81	3783	150	122	17	34	6	67	--	34	73	--	12,960
2017	1,926	3,174	5,957	1372	218	4352	193	132	43	36	37	19	01	133	73	08	17,674
Total	**14,484**	**7,626**	**31340**	**10857**	**1700**	**17669**	**343**	**254**	**60**	**70**	**43**	**86**	**01**	**167**	**146**	**08**	**84,854**

OP & IP Statistics (Unit-wise flow) (Aug' 2007 – Dec' 2017) - Claim

S. No.	Unit	Claims			
		IP		OP follow-up for medicines	Grand total
		Total	Expired		
1	Anesthesiology	70	16	0	70
2	C T Surgery	5302	485	6160	11462
3	Cardiology	14484	407	24488	38972
4	Dermatology	08	0	1	9
5	Emergency Medicine	1700	499	77	1777
6	Endocrinology	343	2	6	349
7	ENT	167	0	0	167
8	General Surgery	2146	47	331	2477
9	Medical Oncology	31340	68	0	31340
10	General Medicine	254	9	0	254
11	Nephrology	7626	176	580	8206
12	Neurosurgery	4504	293	2500	7004
13	Neurology	10857	546	11912	22769
14	Plastic Surgery	237	2	0	237
15	Radiation Oncology	17669	113	0	17669
16	Surgical GE	6330	284	67	6397
17	Surgical Oncology	4417	60	0	4417
18	TB & RD	86	1	0	86
19	Urology	4735	29	310	5045
20	Obstetrics	146	0	0	146
21	Rheumatology	60	0	0	60
22	Paediatrics	43	0	0	43
23	Opthalmology	01	0	0	1
	Grand total	**112525**	**3037**	**46432**	**158957**

SVIMS continued to be in the first place under Dr. NTR Vaidya Seva Programme in the entire state under "Best Performance Government Hospital" category.

1.3 Sri Venkateswara Pranadana Scheme

This scheme which was launched in November 2001 by Tirumala Tirupati Devasthanams, aims at providing succour 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, haemophilia, 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 2017

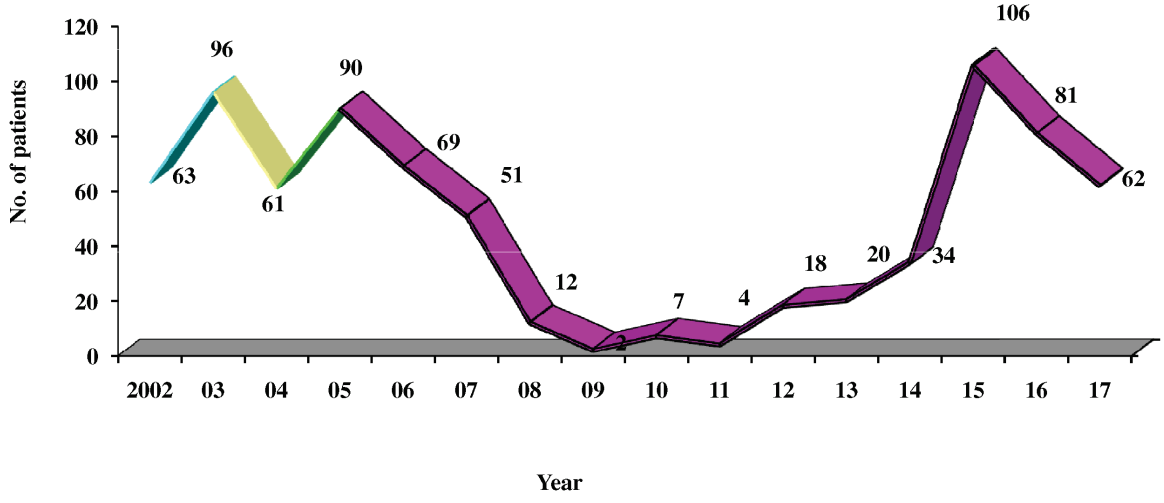
S. No	Unit	New admns.	Repeat admns	OP (N)	OP (R)	Total admissions	Total expired	Mortality rate (%)
1	Cardiology	15	0	0	0	15	0	0.00
2	CT Surgery	81	0	10	0	91	5	5.49
3	Surgical GE	27	0	7	0	34	6	17.65
4	Neurology	57	0	0	0	57	4	7.02
5	Neurosurgery	337	0	0	1	338	0	0.00
6	Nephrology	107	365	0	0	472	15	3.18
7	Medical Oncology	9	109	53	15	186	0	0.00
8	Radiation Oncology	1	0	127	1	129	0	0.00
9	Surg.Oncology	25	0	63	0	88	1	1.14
10	Haematology	0	14	0	0	14	0	0.00
11	Urology	17	1	0	0	18	0	0.00
12	Medicine	22	0	0	0	22	5	22.73
13	G.Surgery	2	0	0	0	2	0	0.00
14	Anaesthesiology	12	0	0	0	12	0	0.00
15	Plastic Surgery	1	0	0	0	1	0	0.00
Patients referred from other hospitals								
16	BIRRD Hospital	3	0	0	0	3	0	0.00
17	SVRRGG Hospital	0	0	0	0	0	0	0.00
18	Govt. Maternity Hospital	6	0	0	0	6	2	33.33
	Total	**722**	**489**	**260**	**17**	**1488**	**38**	**2.55**

No. of Patients benefited under Sri Venkateswara Pranadana Scheme

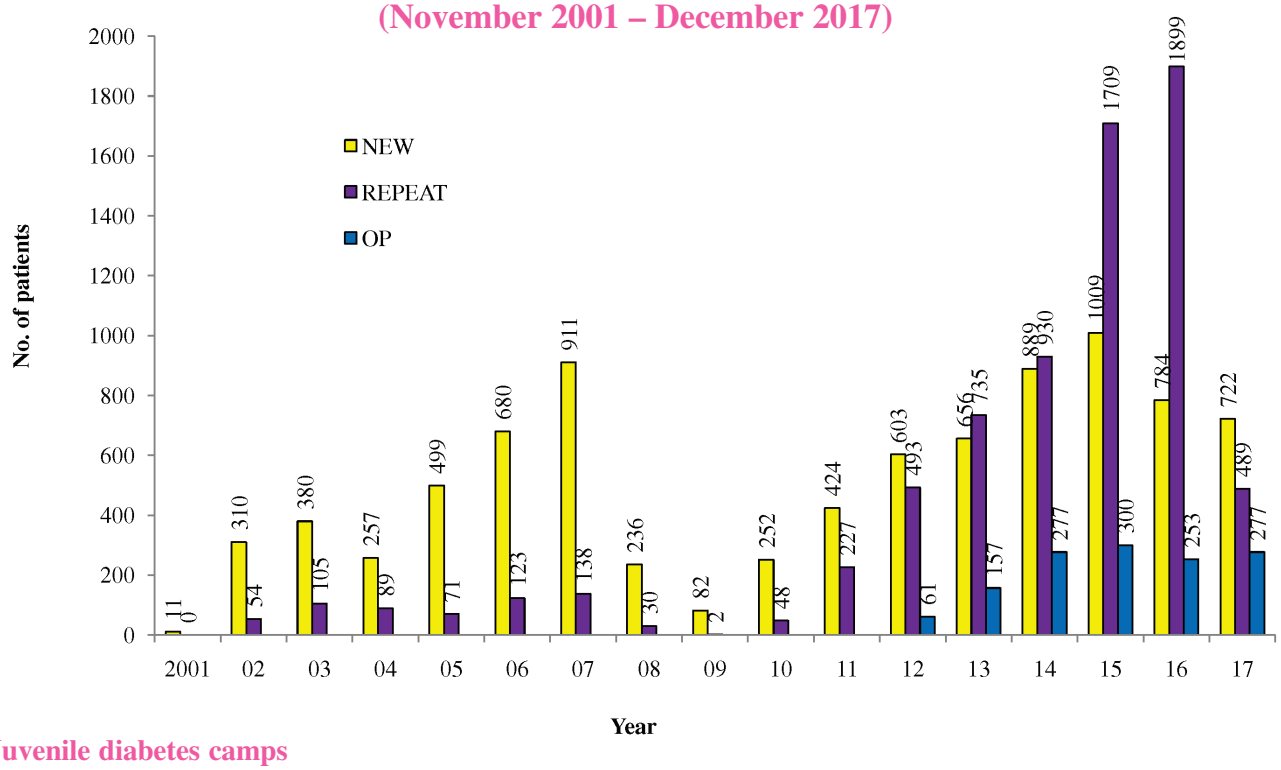
(November 2001 – December 2017)

S. No	Unit	New admns.	Repeat admns	OP (N)	OP (R)	Total admissions	Total expired	Mortality rate (%)
1	Cardiology	1153	25	0	0	1178	6	0.51
2	C.T.Surgery	1911	119	37	1	2068	115	5.56
3	Surgical G.E.	217	29	37	1	284	35	12.32
4	Neurology	392	0	1	0	393	47	11.96
5	Neurosurgery	2943	96	2	1	3042	25	0.82
6	Nephrology	1045	1890	1	0	2936	87	2.96
7	Med.Oncology	291	4326	388	83	5088	9	0.18
8	Rad.Oncology	61	255	378	4	698	0	0.00
9	Surg. Oncology	79	0	355	25	459	6	1.31
10	Haematology	13	378	0	0	391	1	0.26
11	Urology	325	23	1	0	349	9	2.58
12	Medicine	116	0	9	0	125	20	16.00
13	G.Surgery	11	0	1	0	12	0	0.00
14	Anaesthesiology	21	0	0	0	21	2	19.52
15	Plastic Surgery	1	0	0	0	1	0	0.00
Patients referred from other hospitals								
16	BIRRD Hospital	38	1	0	0	39	1	2.56
17	SVRRGG Hospital	12	0	0	0	12	1	8.33
18	Govt. Maternity Hospital	76	0	0	0	76	16	21.05
	Total	**8705**	**7142**	**1210**	**115**	**17172**	**380**	**2.21**

Paediatric Pranadana cases (2002 - 2017)



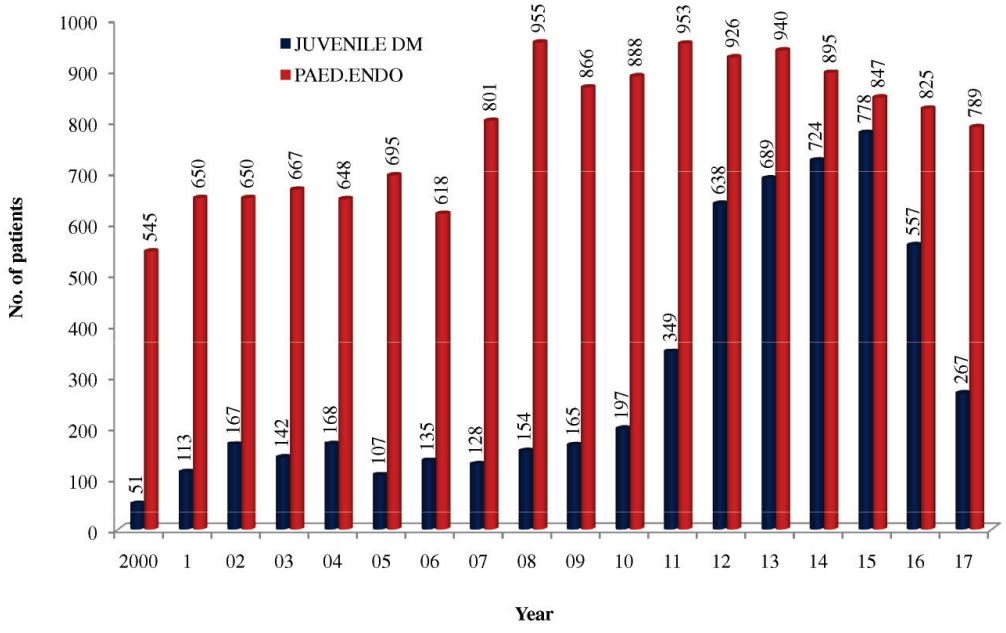
Sri Venkateswara Pranadana cases
(November 2001 – December 2017)



1.4 Juvenile diabetes camps

The Department of Endocrinology, SVIMS started free Juvenile diabetes camps: on 2nd Saturday of each month from the year 2000 till December 2017, 196 camps have been conducted . The patients are provided free medicines with the financial assistance of 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 diabetes cases
(2000 – 2017)



1.5 Rural health camps

The 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- 2017 is furnished below:

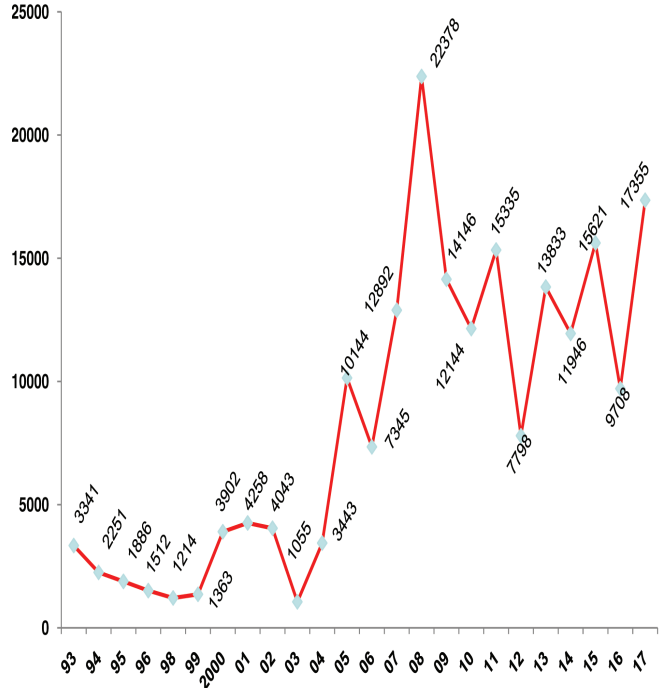
Rural Health Camps (1993 - 2017)

Year	General	NVSS*	Total camps	Patients
1993	7	0	7	3341
1994	6	0	6	2251
1995	5	0	5	1886
1996	3	0	3	1512
1997	0	0	0	0
1998	4	0	4	1214
1999	5	0	5	1363
2000	5	0	5	3902
2001	7	0	7	4258
2002	12	0	12	4043
2003	4	0	4	1055
2004	5	0	5	3443
2005	24	0	24	10144
2006	19	0	19	7345
2007	18	19	37	12892
2008	3	85	88	22378
2009	5	65	70	14146
2010	12	48	60	12144
2011	9	49	58	15335
2012	4	16	20	7798
2013	4	35	39	13833
2014	4	39	43	11946
2015	7	41	48	15621
2016	6	17	23	9708
2017	10	13	23	17355
TOTAL	**188**	**427**	**615**	**198913**

1.6 Medical Camps

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 2017 are as follows:

Rural Health Camps
(1993 - 2017)

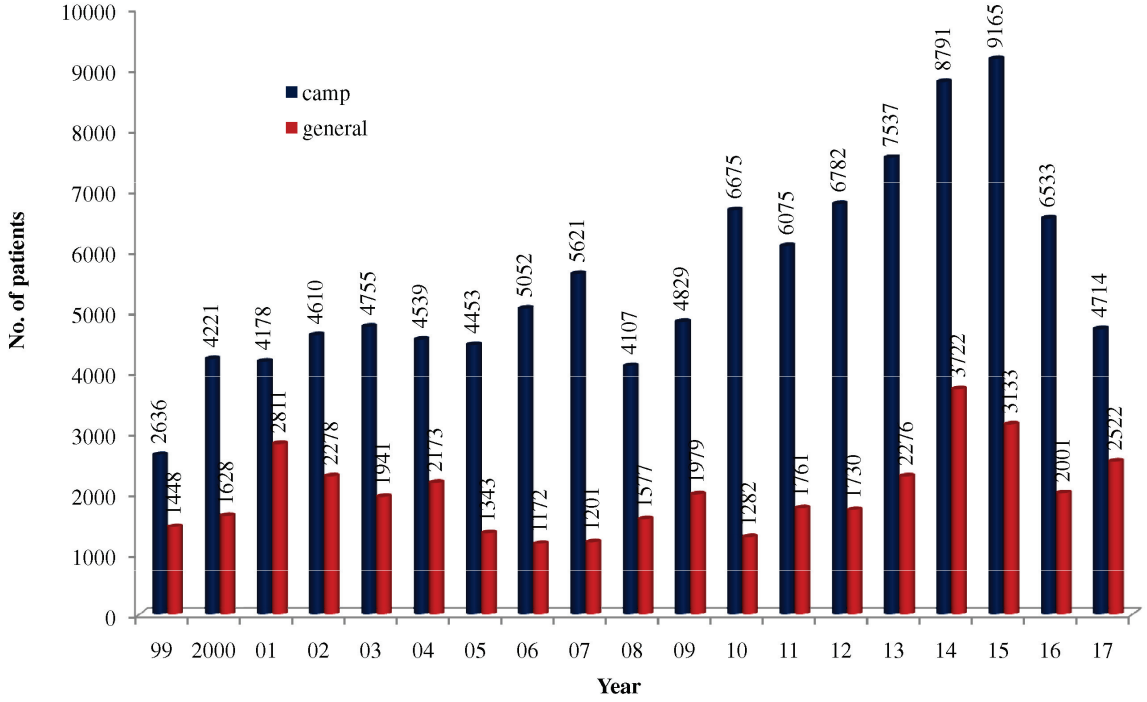


1.7 Epilepsy Camps

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 December 2017, 228 camps have been conducted and 108099 patients have been treated. The patients are provided free medicines with the financial assistance of Americares, USA, SVIMS & Tirumala Tirupati Devasthanams though Sri Venkateswara Pranadana Scheme. So far, the medicines worth of Rs.2,04,26,579/- have been distributed. In the year 2017, 14,073 patients were treated.

Medical Camps - 2017

S. No.	Camp	Day	No. of camps	No. of patients treated
1	Epilepsy Camps	3rd Sunday	12	4714
2	Diabetic Camps	2nd Sunday	12	1697
3	Hypertension & PVC Camps	Last Sunday	12	6717
4	Juvenile Diabetic Camps	2nd Saturday	12	267
5	Well Baby Clinic	1st Sunday	12	21
6	Psoriasis & Pemphigus	1st Sunday	3	4
7	Carcinoma Cervix	2nd Sunday	9	26
8	Ophthalmology & Squint	2nd Sunday	6	17
9	Deafness	1st Sunday	2	3
10	Oral Hygine Clinic	1st Sunday	1	2
11	Rural Camps		23	17355



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 31.12.2017, 5590 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 31-12-2017, 47052 persons were tested.

1.10 Infection Control Committee

The Infection Control Committee was constituted in the year 2010 and has been operating from January 2010. This has had a definite impact on the prevention and control of Health Care Associated Infections. The committee meets once a month on the first Tuesday in the presence of Director-cum-VC. The committee reviews the monthly surveillance reports and receives suggestions and opinion from the personnel and take decisions to solve the problems.

Infection Control Rate

Total Infection rate for the year 2017 is ranging between 50-61%. In the year 2017, there had been marked variation in overall Ventilator Associated Pneumonia (VAP) rates ranges between 25.6/ 1000 and 84/1000 ventilator days, peaked in the months of September & November. Catheter Associated Infection Rate (CAUTI) is maintained below 30/ 1000 catheterized days. Central line Associated Infection Rate (CLABSI) varies between 0- 26/ 1000 central line days. Surgical Site Infection Rate (SSI) being 0.4 to 1.1/100 surgeries. Multi Drug Resistance increased from 44% in January to 75% in November, 2017 and there is a gradual reduction in Methicillin Resistant Staphylococcus strains from 61% in the year 2010 to a low of 8% in 2017. But there is an emergence of MRCONS attributing 12% of total drug resistance. Emergence of Imipenem resistance in month of October contributing 19.6% of total drug resistance is alarming. There is a marked decrease in Standardized infection ratio (SIR) from 2.1 to 0.9 (VAP) and 1.1 (CAUTI) till November 2017.

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. Dr.Alok Sachan, Medical Superintendent acts as co-ordinator. The expired cases and patients who developed complications are identified and the medical care are given to them reviewed by Dr.Alok Sachan, Professor, Department of Endocrinology, Dr.D.Prabhath Kumar, Associate Professor, Department of Medicine, Dr.J.Hari Krishna, Assistant Professor, Department of Medicine and Dr.V.Vanajakshamma, Professor, Department of Cardiology(from January-2018). Surgical cases required discussion are identity by Dr.V.Venkatrami Reddy, Associate Professor, Department of Surgical Gastroenterology. 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.

Sl.No.	Nature of the meeting	Schedule
1.	Grand Rounds Review meeting	Every Tuesday (9-11 AM)
2.	Infection Control Committee	1st Tuesday (2-3 PM)
3.	NTR Vaidya Seva review meeting	1st & 3rd Thursday (4-5 PM)
4.	Monthly meeting Administrative Heads	2nd Wednesday (3-4 PM)
5.	Monthly meeting Faculty Heads	2nd Friday (3-4 PM)
6.	Sri Venkateswara Pranadana Meeting	4th Thursday (11 to 12 Noon)
7.	Institute Ethics Committee meeting	2nd Monday (3-4 PM)
8.	Hospital Blood Transfusion Committee meeting	1st Friday of every month (3-4 PM)
9.	Mortality Review meeting	1st Tuesday & 3rd Wednesday (3-4 PM)
10.	SVIMS Quality Council Meeting	Last Friday of Every month (3-4 PM)
11.	Leadership meeting	Once in a week

V WORKSHOPS/CMEs/CLINICAL MEETINGS/ CLINICO PATHOLOGICAL CORRELATION

V. Workshops/ CMEs/ Clinical meetings/ Clinico Pathological Correlation Organized at SVIMS

1.0 Workshops

1. The Director-cum-VC conducted a workshop on Fire safety mechanism to the staff of SVIMS on 17.03.2017
2. The College of Physiotherapy organized a Workshop on "PNF technique - Advanced Neuro Physiotherapeutic Techniques" on 18.03.2017.
3. The Director-cum-VC conducted the Mock Drill on Disaster Management in case of Fire accident at Airport Authority of India, Renigunta on 24.03.2017.
4. The College of Physiotherapy organized a Workshop on "Manipulation techniques" during 20-25 March 2017.
5. The Dept. of Cardiology organized a Workshop on "Electrophysiology" during 6-11 August 2017.
6. The Depts. of Biochemistry, Pathology, Microbiology and Endocrinology jointly organized a Workshop on "Laboratory safety" on 22.10.2017.
7. The Dept. of Microbiology organized a Workshop on 2nd Annual Hands - On training on virus Diagnostic Methods during 10-11 November 2017.
8. The Dept. of Cardiology organized Eight (8) workshops by inviting:
   i. Dr Yogesh Kothari, Bangalore on EP & RFA on 18-02-2017, 25.03.2017, 03.06.2017, 23-09-2017 & 18.11.2017.
   ii. Dr Siva Kumar, Madras Medical Mission, Chennai on ASD, VSD & PDA device closures during 7-8 April 2017.
   iii. Dr Edwin Francis, AIMS, Kochi on ASD, VSD & PDA device closures during 11-12 July 2017 & 8-9 December 2017.
9. A workshop was conducted for all the faulty, residents and staff on "Escape fire and the Artful science of patient safety" by Director-cum-VC, quoting two decades of progress in patient safety in Global arena, especially in USA

2.0 CME Programmes

CME Programmes are organized by the departments regularly on the first Saturday of each month. The programmes conducted for the year 2017 are furnished below:

S. No.	Topic	Speaker
1.	**Depts. of Nuclear Medicine & Radiology on 21.01.2017, on the topic: Symposium on Differentiated Thyroid Cancer**	
	Imaging in Thyroid Malignancy	Dr Pavan Kumar G Kale, Asst. Prof., SVIMS
	Current practice in surgical management of differentiated thyroid cancers	Dr H. Narendra, Addl. Professor of Surgical Oncology, SVIMS
	Post surgery management of Differentiated Thyroid Carcinoma in Nuclear Medicine	Dr V.V.S. Prabhakar Rao, Sr. Consultant in Nuclear Medicine, Omega Hospital, Hyderabad

2.	**Depts. of Cardiology & CT Surgery on 04.02.2017, on the Topic: Cardiac Transplantation**	
	Donor Selection	Dr G. Obul Reddy, Asst. Professor of Cardiology, SVIMS
	Recipient Selection	Dr Kranthi Chaitanya, Asst. Professor of Cardiology, SVIMS
	Surgical aspects of heart transplantation	Dr Abha Chandra, Prof. & HoD, Dept. of CT Surgery, SVIMS
	Post-op Complication	Dr K. Sridhar Babu, Asst. Professor of Cardiology, SVIMS
	Immunosuppression	Dr M.V. Kalyan, Asst. Professor of Cardiology, SVIMS
	Long term outcomes	Dr R. Madhavi, Asst. Professor of Cardiology, SVIMS
3.	**Depts. of Biochemistry, Endocrinology & Pharmacology on 04.03.2017, on the Topic: Glucocorticoids in Clinical Practice: A Critical Appraisal**	
	Impact of Glucocorticoids on carbohydrate, protein, lipid and mineral metabolism	Dr N. Harini Devi, Asst. Professor of Biochemistry, SVIMS
	Hypothalamo – Pituitary – Adrenal Axis Suppression: Incidence, diagnosis and management	Dr Sri Nagesh, Consultant Endocrinologist, Care Hospital, Hyderabad.
	Glucocorticoid as an anti- inflammatory and immunosuppressive agent: special issues regarding use in pediatric practice	Dr P. Amaresh Reddy, Prof. of Endocrinology, Narayana Medical College, Nellore.
	Management of adrenal crisis	Dr B. Ganapathi Mallya, Prof. & Head, Dept. of Endocrinology, St. Johns Medical College, Bangalore.
	Glucocorticoid replacement therapy in adrenal insufficiency and in congenital adrenal hyperplasia	Dr A. Sailaja, Consultant Endocrinologist, Tirupati
	Glucocorticoid induced osteoporosis	Dr Thomas V Paul, Prof. of Endocrinology, CMC, Vellore
	Impact of glucocorticoids on inflammation & immunity : the biochemical aspects	Dr N. Harini Devi, Asst. Prof. of Biochemistry, SVIMS
	Distinguishing Endogenous from Exogenous Cushing's Syndrome	Dr V. Ashok, Asst. Prof. of Endocrinology, SVIMS
	Over view of steroid therapy in disorders of rheumatology	Dr K. Sirisha, Asst. Professor of Rheumatology, SVIMS
	Pharmacology of glucocorticoids-available drugs and their formulations	Dr G. Bhanu Prakash, Asst. Professor of Pharmacology, SVIMS
	2 (Two) credit hours were sanctioned by Andhra Pradesh Medical Council for the participants.	
4.	**Depts. of Nephrology, Urology & Gynaecology on 01.04.2017**	
	Acute Kidney Injury in Pregnancy	Dr B. Sangeetha Lakshmi, Asst. Professor of Nephrology, SVIMS
	Renal Stones in Pregnancy	Dr V. Suryaprakash, Professor, Virinchi Hospital, Hyderabad

	Pregnancy Issues Related to Urology	Dr P.V. Chandrasekharan, Prof. & HoD. Govt. Maternity Hospital, Tirupati
5.	**Depts. of Physiology, Medicine & Haematology on 01.07.2017, on the Topic: Anaemia**	
	Physiological basis of anaemia	Dr B. Sharan Singh, Prof. & HoD, Dept. of Physiology, SVIMS
	Megaloblastic anaemia	Dr V. Manolasya, Asst. Professor of Medicine, SVIMS
	Iron deficiency anaemia	Dr J. Harikrishna, Asst. Professor of Medicine, SVIMS
	Diagnostic approach to a patient with anaemia	Dr C. Chandrasekhar, Assoc. Professor of Haematology, SVIMS
6.	**Depts. of Pathology & Forensic Medicine on 05.08.2017**	
	Medical Negligence	Dr P. Subba Reddy, Prof. & HoD, Dept. of Forensic Medicine, Apollo Medical College, Chittoor
	Autopsy Vs Virtual Autopsy	Dr Siva Kumar Vulava, Asst. Professor of Pathology, SVIMS
	New Markers in Lung malignancies & Automation in IHC	Mr Leela Ram, Roche
7.	**Depts. of Anaesthesiology & Emergency Medicine during 17-18 September 2017**	
	Perioperative bleedings: Pharmacological intervention	Dr Subhasree, BIRRD, T.T.D, Tirupati.
	Enhanced recovery after Colorectal surgery; Concept and Challenges	Dr Narashima Reddy Narayana Medical College, Nellore.
	Non invasive ventilation : When and how to start	Dr Ashok Badhe, JIPMER, Pondicherry
	Bariatric surgery: Challenges and solution	Dr Sandeep, JIPMER, Pondicherry
	Recent advances in Emergency Medicine	Dr Ramakrishna, SRMC, Chennai
	Low ejection fraction and non-cardiac surgery	Dr Mahesh Vakamudi, SRMC, Chennai
	Activation of Code Blue in Hospital	Dr Srinivas, NMC, Nellore.
	Fluid Management in Abdominal Surgery: What, When, and When Not to Administer	Dr Narmadha, NIMS, Hyderabad.
	Cardiac shunts :Implication for Anaesthesiologist	Dr Kanchi Muralidhar, Narayana Hrudayalaya, Bangalore
	Anaesthetic concern for removing foreign body from a paediatric bronchus	Dr Andal Venkatraman, SVIMS
	Massive haemorrhage in obstetrics - prevention & management of DIC	Dr Radha, SVRRGGH, Tirupati
	Interpretation and relevance of Pulmonary function test in the pre-anaesthesia clinic	Dr Shankar Dr PSIMS & RF, Vijayawada
	Laparoscopic Anaesthesia: Clinical pearls	Dr Y.Ashok Dr PSIMS & RF, Vijayawada
	Shock in Emergency Department: an overview	Dr Karthikeyan, Vydehi Institute of Medical Sciences, Bangalore

	Practical approach to arterial blood gas analysis	Dr Madan Mohan Reddy, Mother Hospital, Tirupati
8.	**Dept. of Microbiology on 09.11.2017 on the topic: Emerging Viral Infections in India**	
	Acute meningo encephalitis -I	Dr K.K. Sharma, Prof. & HoD, Dept. of Microbiology, SVIMS
	Acute meningo encephalitis -II	Dr Sathyanarayana, Prof. of Microbiology, SVMC
	Viral haemorrhagic fever in India	Dr B. Sreekanth Reddy, Asst. Prof. of Microbiology, KMC
	Respiratory tract Infections in Adults	Dr D.T. Katyarmal, Assoc. Prof. of Medicine, SVIMS
	Respiratory tract Infections in children	Dr B. Manohar, Prof. of Paediatrics, SVRRGH
	Experience of Influenza	Dr Usha Kalawat, Assoc. Prof. of Microbiology, SVIMS
	Conventional PCR	Mr Rishi Gowtham R. Research Assistant, SVIMS
	Real Time PCR	Mr M. Nagaraja, Research Scientist I, SVIMS
9.	**Dept. of Pharmacology, SVIMS, SPMC (W) & Sree Vidyanikethan College of Pharmacy during 24-25 November 2017.**	
	Precision personalized medicine in drug evaluation and development: Pharmacogenomics to IPSCs	Dr M. Natesh Prabu, President, Indian Medical Pharmacologists, Association, Trichy
	Basic skills in patients care for Pharmacy Practice	Dr K.R. Subhash, Assoc. Prof. of Pharmacology, SVIMS, SPMC-W
	Emerging scope of pharmacy practice in the world of pharmaceutical industry	Dr Amarnath S, Sanofi Diabetic, Chennai
	Clinical pharmacokinetics – Concepts & applications	Dr K. Vijaya Chandra Reddy, Asst. Prof. of Pharmacology, SVIMS, SPMC-W
	The transition of pharmacy practice from dispensing to pharmaceutical care	Dr Karthik Rakan, Tychee Innovations, Hyderabad.
10	**Depts. of Biotechnology & Bioinformatics, SVIMS on 30th December 2017 on the topic: "Revisiting of Mycobacterium tuberculosis".**	
	Pathogenesis of Mycobacterium tuberculosis	Dr Abhijit Chaudhary, Dept. of Microbiology, SVIMS
	Clinical aspects of Mycobacterium tuberculosis and its management – the present scenario	Dr Alladi Mohan, Professor & Head Dept. of Medicine, SVIMS
	The beauty of Mycobacterium tuberculosis genome	Dr PVGK Sarma Assoc. Prof. & Head of Biotechnology

Coverage of CME's

A CME was organised by the Dept. of Nuclear Medicine & Radiology on 21.01.2017. Prof. V.V.S. Prabhakar Rao is seen delivering the lecture.

A CME was jointly organised by the Depts. of Biochemistry, Endocrinology & Pharmacology on 04.03.2017.

A CME was jointly organised by the Depts. of Cardiology & CT Surgery on 04.02.2017. Dr D. Rajasekhar, Prof. & HoD of Cardiology & Dr Abha Chandra, Prof. & HoD of CT Surgery are seen delivering the lectures.

Dr. T.S.Ravikumar, Director-cum-VC is seen leading the Mock Drill on Disaster Management in case of Fire accident conducted at Airport Authority of India, Renigunta on 24.03.2017

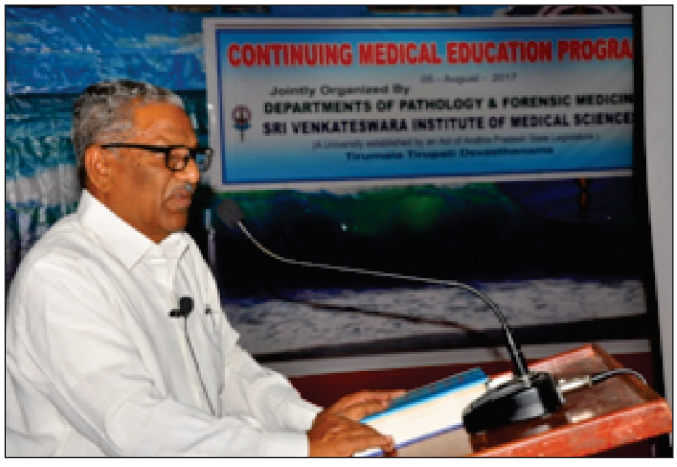
Dr T.S.Ravikumar, Director-cum-VC is seen demonstrating the Fire safety mechanism to the staff of SVIMS on 17.03.2017.

Dr Sunil Kumar Reddy is seen addressing the gathering during the workshop organized by College of Physiotherapy on 18.03.2017

Dr Pearlson, Prof., College of Physiotherapy, Bangalore is demonstrating on "Manipulation techniques" in the workshop during 20-25 March 2017

A CME was jointly organised by the Dept. of Nephrology, Urology & Gynaecology on 01.04.2017. Dr V. Surya Prakash, Professor, Hyderabad is seen delivering the lecture.

A CME was jointly organised by the Depts. Physiology, Medicine & Haematology on 01.07.2017. The dignitaries are seen during lamp lighting ceremony



A CME was jointly organised by the Depts. of Pathology & Forensic Medicine on 05.08.2017. Dr P. Subba Reddy, Prof. & HoD of Forensic Medicine, Apollo Medical College, Chittoor is seen delivering the lecture.

The Director-cum-VC i/c is seen during the inaugural address of the workshop jointly organized by the Dept. of Pharmacology & Sri Vidyanikethan college of Pharmacy on 21.09.2017.

A CME was organised by the dept. of Cardiology on "Status and Scope for Cardiac Electrophysiology With Today" on 10.08.2017. Dr Jay Koneru and Charles Robert, Medical College of Virgina University, USA were facilitated.

BAPU – A National CME was organized by the Department of Anaesthesiology during 17th & 18th September 2017. Dr P.V.L.N. Srinivasa Rao, Director-cum-VC i/c & Dr M. Hanumantha Rao, Sr. Prof. of Anaesthesiology are seen delivering the inaugural address.

The Depts. of Biochemistry, Pathology, Microbiology & Endocrinology, SVIMS jointly organized a Workshop on "Laboratory safety" on 22.10.2017. The dignitaries are seen participating in lighting the lamp.

A CME was organised by the dept. of Microbiology on 09.11 2017. The dignitaries are seen during lamp lighting ceremony

The Dept of Pharmacology and Sri Vidyanikethan Pharmacology jointly organized National Symposium on Pharmacology on 24.11.2017. Dr T.S.Ravikumar, Director cum Vice Chancellor is delivering the inaugural address.

Dr T.S. Ravikumar, Director-cum-VC is seen addressing the faculty, residents and staff during the workshop on "Escape fire and the Artful science of patient safety " on 20.12.2017

The dignitaries are seen during the lamp lighting ceremony of the CME organised by Depts. of Biotechnology & Bioinformatics on 30.12.2017 on the topic: "Revisiting of Mycobacterium tuberculosis

3.0 Clinical Meetings

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 2017 are furnished below:

S. No.	Date	Research presentation (Saturday)/ Case presentation (Thursday)			Spotters Presentation (Saturday) / Capsule on an investigation (Thursday)		
		Topic	Speaker	Department	Topic	Speaker	Department
02.	12-01-2017 (Thursday)	An unusual presentation of paediatric lymphoma – Challenges in management	Dr V. Praveena	Medical Oncology	Transtubular potassium gradient (TTKG)	Dr V. Sarat Chandra	Nephrology
03.	21-01-2017 (Saturday)	Analysis of adverse drug reactions in SVIMS	Dr G. Ravindra Kumar	Pharmacology	Spotter	Dr P. Rajesh	Neurosurgery
04.	02-02-2017 (Thursday)	Xanthoma presenting as thyroid swelling – A case report	Dr B. Suguna	Pathology	Balloon Kyphoplasty	Dr Vivek sharma	Neurosurgery
05.	04-02-2017 (Saturday)	Comparative study of learning outcomes of Didactic lecture and jigsaw method of teaching in 1st year MBBS students in physiology subject	Dr N. Sharvani	Physiology	Spotter	Dr G. Niveditha	Medicine
06.	09-02-2017 (Thursday)	Antibody - Based immunoconjugates	Dr K.Vijayachandra reddy	Pharmacology	Somatostatin receptor scinti graphy in NET: 68 Gallium dotatate PET-CT scan	Dr S. Muneendra kumar	Nuclear Medicine
07.	11-02-2017 (Saturday)	Accuracy of pre operative ultrasonography in measuring tumour thickness and predicting the incidence of cervical lymphnode metastasis in oral cancers	Dr N. Hareesh Babu	Radiology	Spotter	Dr Noble Ujesh	Microbiology
08.	16-02-2017 (Thursday)	Tendon repair – Clean cut Vs crushed	Dr C.V. Praveen Kumar reddy	Plastic Surgery	Cardiotoco graphy	Dr D. Rajani Devi	OBG
09.	18-02-2017 (Saturday)	Dosimetric comparison of deep inspirational breath hold with active breathing co-ordinator versus free breathing in carcinoma left breast patients receiving adjuvant radiotherapy	Dr M. Ravi krishna	Radiotherapy	Spotter	Dr N. Praveen	Nephrology
10.	23-02-2017 (Thursday)	Digital revolution and mental health	Dr B. Shivanandh	Psychiatry	Sentinel lymphnode Biopsy in breast cancer	Dr V.V. Vijaya Lakshmi	Surgical Oncology

11.	02-03-2017 (Thursday)	Understanding pain physiology for better pain management	Dr Sharan B Singh	Physiology	MRD	Dr V. Praveena	Medical Oncology
12.	04-03-2017 (Saturday)	Relevance of Day 3 Amylase in defining clinically relevant postoperative pancreatic fistula following Pancreaticoduodenectomy	Dr D. Varun	Surgical GE	Spotter	Dr A. Appa Rao	Neurology
13.	10-03-2017 (Friday)	Rational antibiotic therapy in paediatrics	Dr S. Kiran kumar	Paediatrics	Digitalizing yoga	Dr B. Shivanandh	Psychiatry
14.	11-03-2017 (Saturday)	Complications of TURP : An institutional study at SVIMS	Dr K. Krishna Karthik	Urology	Spotter	Dr Jagtap Rukmaji	Neurosurgery
15.	16-03-2017 (Thursday)	Case of multiple aortic dissections	Dr K. Ashok hussain	Radiology	Cell block	Dr B.Vishnu Priya	Pathology
16.	18-03-2017 (Saturday)	Comparison of performance of APACHE II & SOFA scoring systems in critically ill patients admitted in intensive care unit	Dr R. Nagadivya	Anaesthesiology	Spotter	Dr M. Ranadheer Gupta	Nuclear Medicine
17.	23-03-2017 (Thursday)	Hyper fractionated radiation in a case of Lung cancer	Dr Masthan Basha	Radiotherapy	Platelet Aggregation test	Dr K.G. Bhanu Prakash	Pharmacology
18.	30-03-2017 (Thursday)	A case report on a rare and unusual clinically significant antibody	Dr TVN Sri Ranjitha	Transfusion Medicine	C T Scan in facial trauma	Dr C.V. Praveen Kumar reddy	Plastic Surgery
19.	01-04-2017 (Saturday)	Analysis of observations on normal and abnormal development of neural tube in aborted embryos & fetuses	Dr V. Subhadra Devi	Anatomy	Spotter	Dr S.R. Sree Gowri	OBG
20.	06-04-2017 (Thursday)	All that wheeze's is not asthma case report on ABPA	Dr K. Preethi	TB & RD	Tonometry	Dr K. Swathi	Ophthalmology
21.	08-04-2017 (Saturday)	Study on role of gut derived uremic toxins on oxidative stress and inflammation in patients with chronic kidney disease	Dr V.S. Kiranmayi	Biochemistry	Spotter	Dr MD. Basheeruddin	Surgical Oncology
22.	13-04-2017 (Thursday)	Morbid obesity: Anaesthetic implications	Dr K. Chethana	Anaesthesiology	Differential Leucocyte Count	Dr Arpana Bhide	Physiology
23.	15-04-2017 (Saturday)	Assessment of On-Clopidogrel platelet reactivity, coronary artery disease severity (Syntax score) and Genetic Polymorphisms in redicting one year clinical outcomes in patients with STEMI undergoing PCI with stent Implantation	Dr E.V. Harshavardhan	Cardiology	Spotter	Dr B. Sreekanth	Medical Oncology

24.	20-04-2017 (Thursday)	Renal Angiomyolipoma	Dr S. Suresh Goud	Urology	Umbilical vascular catheterization	Dr Rinu Dwivedi	Paediatrics
25.	22-04-2017 (Saturday)	Effectiveness of early mobilization and structured Cardiac Rehabilitation on functional outcome and quality of life following Coronary Artery Bypass Graft – A randomized controlled trail	Dr K. Senthil Kumar	C T Surgery	Interesting fundus presentation	Dr K. Swathi	Ophthalmology
26.	27-04-2017 (Thursday)	Analysis of clinical features of BRAIN STEM LESIONS on Anatomical Basis	Dr J. Vasudeva Reddy	Anatomy	C T angiography of Brain	Dr K. Hari Kishore	Radiology
27.	04-05-2017 (Thursday)	Central diabetes insipidus	Dr N. Lakshmanna	Biochemistry	PAP smear	Dr M. Hemanth	Radiotherapy
28.	06-05-2017 (Saturday)	Assessment of health promoting lifestyles among the under graduate students of SVIMS, Tirupati, A.P.	Dr D. Ravi Sankar	Community Medicine	Spotter	Dr V. Siva Kumar	Pathology
29.	11-05-2017 (Thursday)	Congenital atrial septal defect with interrupted inferior Venacava	Dr D. Sreenivasa Reddy	Cardiology	Elution	Dr TVN. Sri Ranjitha	Transfusion Medicine
30.	13-05-2017 (Saturday)	To study the clinical profile and outcomes in patients presenting with Acute abdomen to Emergency department of SVIMS, a Tertiary hospital in AP	Dr N. Ratna Kumar	Emergency Medicine	Spotter	Ms T. Hemapriya	Pharmacology
31.	18-05-2017 (Thursday)	Ebstein's Anamoly	Dr D. Kalyani Rama	C T Surgery	Medical Thoracoscopy	Dr K. Preethi	TB & RD
32.	20-05-2017 (Saturday)	Effect of adequate Thyroid Hormone replacement on the Hypothalamo Pituitary Gonadal Axis in premenopausal women with Primary Hypothyroidism	Dr B. Bharath	Endocrinology	Spotter	Dr C. V. Praveen Kumar Reddy	Plastic Surgery
33.	25-05-2017 (Thursday)	Mendelian Randomization study: An observational (natural) Randomized control trial	Dr D. S. Sujith Kumar	Community Medicine	Retrograde pyelogram	Dr B. Manoj	Urology
34.	01-06-2017 (Thursday)	Oral Hygiene and Pregnancy outcome: Is there any relationship?	Dr D. S. Madhu Babu	Dentistry	Bedside PFTs	Dr I.S.D. Prasad	Anaesthesia
35.	03-06-2017 (Saturday)	Role of radiofrequency in the management of Inferior Turbinate Hypertrophy	Dr B. Amarnath	ENT	-	-	-

36.	08-06-2017 (Thursday)	Rapidly progressing leg ulcer The non-recurrent laryngeal nerve	Dr A. Surekha	Dermatology		Dr U. Sunil Kumar	Anatomy
37.	10-06-2017 (Saturday)	Analysis of reasons for discarding whole blood and blood components at our blood bank – An observational study	Dr MD. Praveen	Transfusion Medicine	Spotter	Dr N. sharvani	Physiology
38.	15-06-2017 (Thursday)	Advanced airway support for trauma patients in Emergency Medicine	Dr Subramanyam	Emergency Medicine	Microalbumin	Dr N. Lakshmanna	Biochemistry
39.	17-06-2017 (Saturday)	Chemical seton application in various types of fistula in ano	Dr V. Srikarthik	General Surgery	Low birth weight babies	Dr Rinu Dwivedi	Paediatrics
40.	22-06-2017 (Thursday)	Rare cause of Hypoglycemia in a diabetic patient	Dr K. Raghavendra	Endocrinology	Signal average ECG	Dr Ch. Narendra	Cardiology
41.	29-06-2017 (Thursday)	Fungal infection in Ear, Nose and Throat	Dr V. Venkateswarlu	ENT	Activated clotting time	Dr V.N. Durga Prasad	C T Surgery
42.	01-07-2017 (Saturday)	Diagnostic analysis of absolute erythrocytosis – A study of 54 cases	Dr C. Chandra Sekhar	Hematology	Spotter	Dr Pavan Kumar G. Kale	Radiology
43.	06-07-2017 (Thursday)	Consent in medical practice	Dr K. Bhaskar Reddy	Forensic Medicine	Investigation of epidemic	Dr Anju D Ade	Community Medicine
44.	08-07-2017 (Saturday)	Epidemiology of health care associated infections in the medical intensive care unit (MICU) at a tertiary care teaching hospital in South Inda: A prospective study	Dr M. Aruna	Medicine	Spotter	Dr M. Hemanth	Radiotherapy
45.	13-07-2017 (Thursday)	Solid pseudopapillary epithelial neoplasm of pancreas	Dr Nitesh Naga Balaji	Surgical GE	An intro for root canal procedure	Dr D.S. Madhu Babu	Dentistry
46.	15-07-2017 (Saturday)	Current outbreak of Influenza in Andhra Pradesh, India	Mr R. Rishi Gowtham	Microbiology	Spotter	Dr R. Arun	Transfusion Medicine
47.	20-07-2017 (Thursday)	A rare presentation of obstructed inguinal hernia on right side	Dr T. Hemachandra	General Surgery	Slit skin smear	Dr A. Surekha	Dermatology
48.	22-07-2017 (Saturday)	Utility of short acting I.V. Insulin therapy in preparation of F18 FDG PET CT scan in cancer patients incidentally detected with High-Blood glucose levels on the day of test	Dr R. Ramyapriya	Nuclear Medicine	Pleural biopsy (Abram's Needle)	Dr K. Chengareddy	TB & RD

49.	27-07-2017 (Thursday)	Subgroup of 'A' – A case report	Dr TVN. Sri Ranjitha	Transfusion Medicine	Use of USG chest in Emergency Med.	Dr Sowjanya	Emergency Medicine
50.	03-08-2017 (Thursday)	Case Presentation	Dr K. Rajeshwari	Medicine	Thyroid Profile	Dr K. Raghavendra	Endocrinology
51.	05-08-2017 (Saturday)	A clinical and electrophysiological study of peripheral neuropathy in chronic kidney disease patients with respect to dialysis: Our experience from a teriary care centre	Dr M.Sarat	Neurology	Spotter	Dr D. Rakesh	Urology
52.	10-08-2017 (Thursday)	Non-Tuberculus mycobacteria infection following Laparoscopic hernia – A case report	Dr S. Noble UjeshS	Microbiology	Diagnostic nasal Endoscopy	Dr M. Lakshmi Prathima	ENT
53.	12-08-2017 (Saturday)	Correlation between clinical presentation, imaging, pathology and gene mutations in meningioma	Dr A. Sudarsan	Neurosurgery	Spotter	Dr K. Hima Bindu	Anaesthesia
54.	17-08-2017 (Thursday)	An emerging non renal indication of peritoneal Dialysis: MNGIE Case report	Dr Sarat Chandra	Nephrology	Medical Records	Dr K. Bhaskar Reddy	Forensic Medicine
55.	19-08-2017 (Saturday)	Employment status of patients receiving maintenance dialysis – Peritoneal and Hemodialysis : A cross sectional study	Dr V. Sarat Chandra	Nephrology	Struther's ligament – A case report	Dr K. Prathiba	Anatomy
56.	24-08-2017 (Thursday)	Actinomycosis presenting as calvarial osteomyelitis	Dr A. Appa Rao	Neurology	Enteroscopy	Dr P. Nitesh Naga Balaji	Surgical GE
57.	31-08-2017 (Thursday)	Oblique lumbar interbody fusion (OLIF)	Dr Jagtap Rukmaji	Neurosurgery	Intra operative PTH monitoring	Dr Jhansi	General Surgery
58.	02-09-2017 (Saturday)	A prospective study of sentinel lymph node biopsy followed by bilateral pelvic nodal dissection using methylene blue dye alone in clinically node negative early stage, operable cervical cancer	Dr V.V. Vijaya Lakshmi	Surgical Oncology	Spotter	Dr Keerthi Thej	Biochemistry
59.	07-09-2017 (Thursday)	Role of functional imaging in histological classification of metastatic neuro – Endocrine tumor	Dr S. Muneendra Kumar	Nuclear Medicine	-	-	-

60.	09-09-2017 (Saturday)	Estimation of plasma Epidermal Growth Factor Receptor (EGFR) mutation status and its correlation with tumor tissue EGFR mutation status in advanced Non-Small Cell Lung Cancer Patients	Dr Praveena Voona	Medical Oncology	Spotter	Dr P. Sumanth Reddy	Cardiology
61.	14-09-2017 (Thursday)	Ectopic Pregnancy	Dr Veronica	OBG	Fibroscan	Dr D. Neeharika	Medicine
62.	16-09-2017 (Saturday)	Utility of intra operative squash cytology in the diagnosis of CNS lesions	Dr B. Suguna	Pathology	Spotter	Dr V.N. Durga Prasad	C T Surgery
63.	21-09-2017 (Thursday)	Mandibular reconstructions in intraoral tumors	Dr M. Guru Raghavendra Naik	Surgical Oncology	Immuno-fluorescence microscopy	Dr N. Ramakrishna	Microbiology
64.	23-09-2017 (Saturday)	Analysis of cutaneous adverse drug reactions in SVIMS	Dr G. Ravindra Kumar	Pharmacology	MR Vaccine	Dr Y. Bhavani	Community Medicine
65.	28-09-2017 (Thursday)	Primary Ovarian Lymphoma	Dr B. Sreekanth	Medical Oncology	Urine protein creatinine ratio	Dr N. Sai Sameera	Nephrology
66.	05-10-2017 (Thursday)	Approach to red Eye	Dr K. Swathi	Opthalmology	VEP	Dr P. Pranuthi	Neurology
67.	07-10-2017 (Saturday)	Study on Perinatal & maternal out come in term singleton breech presentation	Dr T. Pallavi	OBG	Dentistry then and now	Dr D.S. Madhu Babu	Dental Surgery
68.	12-10-2017 (Thursday)	Malakoplakia testis	Dr B. Mallikarjun	Pathology	Intra operative monitoring nerve	Dr Vivek Sharma	Neurosurgery
69.	14-10-2017 (Saturday)	Effects of Tobacco Smoking on innate Immunity	Dr Arpana Bhide	Physiology	Spotter	Dr J. Indirakshi	Dermatology
70.	21-10-2017 (Saturday)	Perfusion weighted imaging and diffusion weighted imaging in differentiating ring enhancing lesions in brain	Dr G.P. Venkat Choudary	Radiology	Spotter	Dr N. Ratna Kumar	Emergency Medicine
71.	26-10-2017 (Thursday)	Alternatives to animal experimentation in research	Dr K.R. Subash	Pharmacology	EC renal scintigraphy	Dr R. Ramyapriya	Nuclear Medicine
72.	02-11-2017 (Thursday)	Fat grafting – A volume substitute	Dr C.V. Praveen Kumar Reddy	Plastic Surgery	LNG IUS	Dr Jahnavi	OBG
73.	04-11-2017 (Saturday)	A prospective study of comparison of conventional fractionation versus Accelerated Fractionation Radiotherapy in head & neck cancer	Dr M. Hemanth	Radiotherapy	Spotter	Dr G. Praveen Kumar	Endocrinology

74.	09-11-2017 (Thursday)	Mental health at work place : World mental health day 2017 theme	Dr B. Sivanandh	Psychiatry	Nasopharyngo Scopy	Dr V. Naresh	Surgical Oncology
75.	11-11-2017 (Saturday)	Phenotypic frequency of certain clinically significant blood group antigens (Kell, Kidd and Duffy) in blood donors of the blood bank at a tertiary care referral teaching hospital in Tirupati, Andhra Pradesh, South India	Dr M.D. Praveen	Transfusion Medicine	Spotter	Dr P. Bhanu Pradeep	ENT
76.	16-11-2017 (Thursday)	Physiological Effects of Yoga	Dr N. Sharvani	Physiology	Liquid Biopsy	Dr V. Santosh	Medical Oncology
77.	18-11-2017 (Saturday)	Donor site morbidity of oral mucosa graft urethroplasty for urethral stricture disease	Dr P. Prasad	Urology	Spotter	Dr G. Chandra Sekhar	Forensic Medicine
78.	23-11-2017 (Thursday)	Case presentation – A 3day old neonate presenting with seizures	Dr G. Sai Prasanna	Paediatrics	Fundus fluorescein angiography	Dr P. Prabhanjan Kumar	Ophthalmology
79.	30-11-2017 (Thursday)	Unusual presentation of chondroblastoma in temporal bone	Dr K. Ashok Hussain	Radiology	Liquid Based Cytology	Dr A. Sreelekha	Pathology
80.	07-12-2017 (Thursday)	Spinal cord compression in a 3- year young girl	Dr C. Praneetha	Radiotherapy	Photopharma -cology	Mr Manjunath	Pharmacology
81.	09-12-2017 (Saturday)	Study on coronary predominance in population of Rayalaseema zone	Dr J. Vasudeva Reddy	Anatomy	Spotter	Dr M.C. Narendra	General Surgery
82.	14-02-2017 (Thursday)	A rare case of B12 deficiency	Dr C. Chandra Sekhar	Hematology	Spotter	Dr C.V. Praveen Kumar reddy	Plastic Surgery
83.	16-12-2017 (Saturday)	Association between non alcoholic fatty liver disease and type 2 diabetes: Role of adipokines and endotoxins	M. Pallavi	Biochemistry	Spotter	Dr C. Chandra Sekhar	Hematology
84.	22-12-2017 (Thursday)	Silico Tuberculosis	Dr S. Anusha Rao	TB & RD	-	-	-
85.	23-12-2017 (Saturday)	Determinants of total ischemic time in primary percutaneous coronary interventions a prospective analysis	Dr D. Sreenivasa Reddy	Cardiology	Spotter	Dr C. Rahul	Medicine
86.	28-12-2017 (Thursday)	UPJ Obstruction	Dr D. Rakesh	Urology	Platelet Count	Mrs K. Swathi	Physiology

4.0 Clinico Pathological Correlation (CPC)

The Academic programme on Clinico Pathological Correlation (CPC) was introduced with effect from January, 2012. Every 4th Saturday, the programme is arranged between 8.00 am to 9.00 am. Dr R. Ram, Prof. & HoD, Dept. of Nephrology, Dr H Narendra, Professor & HoD, Dept. of Surgical Oncology and Dr VV Ramesh Chandra, Assoc. Prof., Dept. of Neurosurgery acted as coordinators for Medical & Surgical cases respectively. The programmes conducted for the year 2017 are as given below:

S. No.	Date	Topic	Discussant
1	28.01.2017	A 7-year-old girl was brought with the complaints of macroscopic haematuria	Dr R. Madhavi Dept. of Cardiology
2	25.02.2017	A 70 year old male presented with complaints of swelling in the right side of scrotum for 6 months – which was insidious in onset, progressive and associated with pain on prolonged standing. No h/o fever, burning micturition. No h/o symptoms of LUTS. No h/o loss of appetite and loss of weight. No h/o backache. Bowel and bladder habits were normal. No h/o diabetes, hypertension, asthma, CAD or thyroid disorders. No previous history of surgeries in the past. No h/o malignancy in the family. No h/o smoking/alcoholism	Dr P. Nitesh Naga Balaji Dept. of Surgical GE
3	25.03.2017	A 21-year-old gentleman came to this hospital with persistent vomiting of about 20 days duration. The vomiting was associated with nausea. The vomitus used to be small in quantity, nonbilious and contained particles of food that was previously ingested. There was no haematemesis or haematochezia	Dr M. Aruna Dept. of Medicine
4	29.04.2017	A 65 -year-old elderly female from Thimmapura, Thondur Mandal, Kadapa presented with the complaint of painful left lower abdominal mass of 1 month duration. The mass was insidious in onset, and slowly increasing in size. The pain is mild, dull aching and continuous. There was no history of vomiting, fever or alteration in bowel habbits. There was history of burning micturition, but no hematuria, or urgency or urge incontinence. There was no history of cough, haemoptysis or breathlessness. She was diagnosed with hypertension 2 years back and is on regular treatment. She had undergone LSCS, 30 years back, tubectomy 28 years back and hysterectomy about 15 years back for uterine fibroids. There was no history of TB, epilepsy or diabetes mellitus	Dr V. Bala Balaji Dept. of Neurosurgery
5	27.05.2017	A 64-year-old gentleman presented with complaints of generalised weakness and fatigue for the past one month	Dr V. Ashok Dept. of Endocrinology
6	24.06.2017	A 36 -year-old female presented with the complaint of abdominal mass of 2 months duration. The mass was insidious in onset, and slowly increasing in size. Pain abdomen for 2 months, pain is located in the right upper abdomen, it is dull aching and continuous. There was no history of vomiting, fever or alteration in bowel habits.	Dr V.N. Durga Prasad Dept. of CT Surgery

		Bladder habits regular. There was no history of cough, haemoptysis or breathlessness. No h/o hematemesis, malena, jaundice or pruritis. She has undergone tubectomy 6 years back. There was no history of TB, epilepsy or diabetes mellitus. Known tobacco chewer for 20 years	
7	29.07.2017	A 38-years-old lady presented with excessive weight gain for 10 years.	Dr N. Ratna Kumar Dept. of Emergency Medicine
8	26.08.2017	A 45 -year-old lady from Kadapa district presented with a weeklong complaints of pain abdomen and burning micturition. The pain was in the right lower abdomen and flank, associated with burring micturition. The pain was insidious in onset, constant and dull aching in nature relieved by taking pain medications. She had also noticed reduction in quantity of urine passed per day and bilateral swelling of the feet from past 4 days. There was no history of any fever with chills and rigor, vomiting or loose stools. There was no history of hematuria, pyuria or calcuria. She had no history of hypertension or diabetes mellitus. There was no past history of pulmonary TB. She gave a history of psychiatric illness for which she was taking some tablets (stopped 3 year back) details of which are not known. She was diagnosed 2 years back with right vesico-ureteric junction calculus for which she was treated with ureteroscopic intervention. There was history of tubectomy 20 years back. She was a regular beetel nut chewer. Her menstrual history was normal, she was Para 4 live 3	Dr Basheeruddin Inamdhar Dept. of Surgical Oncology
9	28.10.2017	A 66-year-old presented with complaints of pedal edema for past one year duration and loss of appetite for the past two months and easy fatigability for the past one month	Dr K.M. Ram Prahlad Dept. of Medical Oncology
10	25.11.2017	A 48 -year-old male patient with pain right iliac fossa since 1 year	Dr K. Krishna Karthik Dept. of Urology
11	30.12.2017	A 67 -year-old lady had presented with complaints of easy fatigability and body pains.	Dr N. Sai Sameera Dept. of Nephrology

VI RESEARCH

VI Research

As per the act No.12 of 1995 under sec. 4 Objects of the act, institute is required 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 institutions like Department of Biotechnology (DBT), Department of Science and Technology (DST), Director General of Health Services (DGHS), Indian Council for Medical Research (ICMR), Central TB Division, Science & Engineering Research Board (SERB), European Union and Sri Balaji Aarogya Varaprasadini (SBAVP) scheme of SVIMS, TTD.

1.0 Abstract of Publications

1. Positioning of a patient with scoliotic spine deformity for induction of anaesthesia.

Madhusudan M, Aruna P, Naga Divya R, Rao MH, Samantaray A, Prasad BCM.

J Clin Sci Res 2017;6:193-5.

Positioning of a patient with irregular contour of spinal curvature is a common problem faced by anaesthesiologists for surgical procedures. Here we would like to describe how to use routine materials available in the operating room efficiently to accomplish successful endotracheal intubation.

2. Comparison of two different doses of magnesium sulphate for spinal anaesthesia: a prospective, randomized double-blind study.

Hemalatha P, Banu N, Rao MH, Samantaray A, Venkatraman A, Hemanth N.

J Clin Sci Res 2017;6:18-24.

Background: The present study aim was designed to compare and evaluate the efficacy of adding two different doses of magnesium sulphate to 0.5% hyperbaric levobupivacaine for spinal anaesthesia in terms of block characteristics, haemodynamic and safety profile. **Methods:** Ninety American Society of Anaesthesiologist (ASA) grade I–II patients undergoing elective infra-umbilical surgeries under spinal anaesthesia were randomly allocated into three groups. Group C (n=30, control group) received 3 mL (15 mg) of 0.5% hyperbaric levobupivacaine; Group M50 (n=30): received 3 mL (15 mg) of 0.5% hyperbaric levobupivacaine + 50 mg of magnesium sulphate. Group M100 (n=30) received 3 mL (15 mg) of 0.5% hyperbaric levobupivacaine + 100 mg of magnesium sulphate. A standard protocol was followed after which a blinded observer assessed the sensory and motor blocks. The onset and duration of sensory (pin-prick) block, onset, intensity and duration of motor block were recorded. **Results:** All the subarachnoid blocks were adequate. The addition of magnesium sulphate to intrathecal levobupivacaine had not only increased the time to onset of sensory block ($p=0.007$) but also prolonged the duration of sensory ($p<0.001$) and motor block ($p<0.001$) to statistically significant level in a dose dependent manner. **Conclusions:** Addition of magnesium sulphate does not offer any further advantage in terms of haemodynamic stability. However, it certainly increases the duration of sensory block to a significant level.

3. Unanticipated difficult airway in male hypogonadism.

Hemalatha P, Aparna B, Samantaray A, Rao MH.

J Neuroanaesthesiol Crit Care 2017;4:181-2.

Difficulty in endotracheal intubation (ETI) is not very uncommon in patients with endocrine abnormality such as dwarfism and acromegaly. However, a difficult airway in a case of hypogonadism with no obvious body deformity is very much unanticipated and also scarcely reported in Indian literature. Here, we present a case of an

unanticipated difficult intubation in a young boy with hypogonadism posted for an elective surgery. An 18-year-old boy of height/weight 26.5 kg/136 cm (<3rd percentile) presented with chief complaints of headache and vomiting. Further examination showed left superior quadrant hemianopia and absent secondary sexual characters. Airway examination showed Mallampatti Grade II (MPG-II). Hormonal assay showed decreased levels of gonadotrophin releasing hormone. Computed tomography (CT) and magnetic resonance imaging (MRI) showed craniopharyngioma with mass effect on third ventricle. The patient was posted for excision of the tumour. After induction of general anaesthesia, ETI was tried with an age appropriate sized (8.0 mm ID) cuffed oral endotracheal tube (ETT). However, to our surprise the ETT could not be passed below the vocal cords, further attempts to pass 7.5 and 6.5 mm ID ETT also failed and finally a 6.0 mm ETT was passed snugly (Cormack–Lehane Grade I). As there was no air leak cuff was not inflated. At the end of the surgery, neuromuscular paralysis was reversed with neostigmine, glycopyrrolate and extubated. Immediately after extubation patient developed inspiratory stridor, which was treated with 100% oxygen, jaw thrust, adrenaline nebulization and subsided within 10 min. We encountered intubation difficulty when age appropriate ETT was used in an otherwise easy airway (MPG-II). The patient's airway was re-evaluated in the post-operative period. The CT scan showed tracheal diameter at cricoid ring was 11 mm × 10 mm and at the thyroid cartilage was 12 mm × 9 mm (anteroposterior/transverse). MRI could not give us any information as it was confined to cranium. We tried intubating the patient with 8.0 mm (outer diameter [OD] 10.7 mm), 7.5 mm (OD 10.0 mm), 6.5 mm (OD 8.7 mm) ETT but finally, could pass a 6.0 mm ID ETT (OD 8.2 mm). In all these attempts, there was difficulty in negotiating the ETT below the vocal cords. This difficulty may be due to the small cricoid diameter compared to tracheal diameter at the level of thyroid. Before puberty larynx of boys and girls are equally small, but with attainment of puberty larynx grows in both sexes, more in boys, causing twice increase in the length of the vocal cords. By puberty vocal cords reach their adult size and clear sexual dimorphism is evident with significantly larger linear height, weight and prominent thyroid prominence in male larynx which precedes the development of facial hair by several months. Beckford et al. in their animal experiment demonstrated androgens play a major role in development of male larynx. Similarly, high-affinity androgen receptors have been demonstrated in human larynx. Our patient has not attained puberty due to hypogonadism and his larynx resembled a 10-12 year old child's pre-pubertal larynx. Moreover, repeated attempts at tracheal intubation have resulted in sub-glottis oedema and hence we could pass only 6.0 mm ETT. The sub-glottis oedema could also have been the possible cause for post extubation stridor. We strongly feel that, a closer and detailed look at the imaging study before anaesthetizing the patients could have averted the problems of repeat tracheal intubation and its complications. We opine that in male hypogonadism difficult airway should be anticipated. CT and MRI sections should also involve the larynx along with the cranium for information on the airway to prevent morbidity and mortality.

4. Gross Morphological Study of Gestational Diabetes mellitus Placenta From South Indian Mothers Comparedwith Control Placenta.

Sharmila Bhanu P, Devi Sankar K, Sujatha Kiran, Subhadra Devi V

Int Anat Res 2017;5(1):3521-6

Introduction: Gestational diabetes mellitus (GDM) is an ever increasing threat in Indian women, is found up to 10% of the total pregnancies and is mainly due to diet, obesity and sedentary life style. Placenta, considered being the vital organ of intrauterine life, form the representation of whole pregnancy. The present study has undertaken to observe the morphological changes of the GDM and control placenta. **Material and Methods:** Total number of 96 placentas, out of which 48 are GDM and 48 from control were procured for the present study along with mother's age, gestational age and baby's weight. All samples were studied morphologically. **Result:** The morphological aspects of GDM were found be more significant when compared to normal. In GDM placentas, mean placental weight was 537.27±131.97 with a range of 330 to 890g, mean placental volume was 482.61±142.17 ml3 in GDM with a range of 144.12-700 ml3, and mean placental diameter was 168.2±13.23mm with a range of 147- 186 mm. Thickness in GDM was 23.69±5.08mm. The average number of placental cotyledons was 19.38±3.4 in GDM, which was significantly higher, revealed its excessiveness. In GDM feto-placental ratio calculated from dividing baby birth weight by placental weight was 5.96±1.06. **Conclusion:** Significant placental morphological changes of GDM observed in the present

study may be considered as a clinical importance. The impact of these changes may reflect on the perinatal outcome of the pregnancy, resulting in macrosomia, congenital malformations and intrauterine growth retardation.

5. Morphology and Morphometry of Bicuspid Valve in Human fetal cadavers

Kishore ND, Velichety SD, Thyagaraju K

MOJ Anat & Physiol 2017;3(4):103.

A preliminary study of certain morphometric parameters of Bicuspid valve was undertaken in 40 aborted fetuses of 16 weeks to full term to provide a database that will be of help to cardiac surgeons to rule out abnormal measurements. AV circumference, frontal and sagittal dimensions, width of anterior cusp and AV circumference increased significantly in males. Width of posterior cusp increased significantly in both sexes. A correlation coefficient of all fetal bicuspid parameters positively correlated

6. Microscopic Study of Human Pituitary Gland from birth to old age.

Babu Rao S, Geetha Vani G, Subhadra Devi A

Int J Biol Med Res.2017;8(3):6075-8

The histology of pituitary gland undergoes several changes with increase in age. A total of 68 cadavers were utilised to observe the histological changes in pituitary from birth to 70 years of age. The pituitary glands were removed and subjected to routine Haematoxylin & Eosin procedure. At birth, acidophils are comparatively greater than basophils indicating probably lactotroph hyperplasia due to high maternal estrogen levels. At 19 years of age (pregnant), increase in the distribution of acidophils was again observed indicating probably lactotroph hyperplasia in pregnancy. In the middle age, no major histological changes were observed in the pituitary gland. At 65 years increased amount of connective tissue forming interstitial septa was observed due to fibrosis, an age related change. At 70 years increased amount of colloid deposition was noted in the intermediate lobe cysts, an age related change. The knowledge of histological changes in pituitary with increasing age helps in understanding various endocrine and metabolic disorders.

7. Histogenesis of Human Foetal Pituitary at Various Gestational Ages.

Babu Rao, Geethavani G, Subhadra Devi V. Int J Anat Res 2017;5(4):4469-73.

Introduction: Pituitary gland is the master endocrine gland known for its cellular diversity. The different cells of pituitary will control different endocrine glands through their secretions. The differential cellular study of pituitary is important in understanding various diseases that result from hypo or hyper secretion. This study aims to observe various histological aspects of pituitary at different gestational ages. Materials and Methods: A total of 100 apparently normal dead aborted embryos and fetuses of both sexes of 12 to 40 weeks gestational age were utilised for the histological study. The pituitary glands were removed and subjected to routine Haematoxylin& Eosin procedure. The specimen were categorised and observed for histogenesis of pituitary at various gestational ages. Results and Conclusion: All the cell types of anterior lobe except lactotrophs are observed at 14 weeks of gestation. Incompletely formed portal vessels are also seen. At 19 weeks, acidophils predominate in lateral region whereas basophils predominated in middle region. At 24 weeks, the cells of anterior lobe are fully differentiated with the appearance of lactotrophs. Well developed portal vessels are observed. At term, acidophils are comparatively greater than basophils indicating probably lactotroph hyperplasia due to high maternal oestrogen levels.

8. Cadaveric study of coronary arteries in Rayalaseema population in Andhra Pradesh.

Vasudeva Reddy J, Sreekanth C

Indian J Clin Anat Physiology 2017

Background: Majority of the sudden cardiac deaths were due to anomalous origin and distribution of the coronary arteries Aim: To study the arterial vascular pattern of the human heart by using dissection method in Rayalaseema population **Materials and Methods:** A total of 80 human fresh heart specimens were obtained from the Department of Forensic Medicine, S.V. Medical College, Tirupati for the present study **Results:** We have observed the right and left coronary arteries arising from the single coronary ostia (Left-80, right-76) and the two coronary ostia have noted in 4 specimens of right coronary artery. Right and left dominance circulation was noted more in males than

females. We have also observed double posterior interventricular branches arising from the right and left coronary arteries showing the balanced type of coronary circulation in 2 (Male-1; Female-1) hearts **Conclusion:** Arterial pattern and its variations are important to prevent false interpretation of the arterial angiograms in management of coronary artery diseases.

9. Postmortem arteriogram.

Vasudeva Reddy J.

Italian Journal of anatomy and embryology 2017

Background: The impact of post-mortem angiography increases because of the rapid evaluation of organ-specific vascular patterns, vascular alteration under pathologic and physiologic conditions and tissue changes induced by artificial and unnatural causes. **Aim:**Tostudy the human heart arterial patterns and their variation by using post-mortem arteriogram. **Materials and Methods:** Eighty human fresh heart specimens were obtained from the Forensic Department, S.V. Medical College, Tirupati. The hearts were perfused with normal saline followed by injection of barium sulphate suspension and ligated at the proximal end of coronary arteries. Skiagrams were taken in different views and studied. **Results:** we have observed all the branches of right and left coronary arteries. The right and left dominance pattern, Vieussens annulus, anastomosis between the great blood vessels and posterior interventricular branches, AV nodal, SA nodal branches and variations of branches were noted in our study **Conclusion:** Our study will be useful in analysing the arterial system of the heart and gives valuable supplement to conventional autopsy procedures

10. Risk Factors for Cardiovascular Disease in Obese Children.

Chandrasekhar T, Suchitra MM, Pallavi M, Srinivasa Rao PVLN, Sachan A.

Indian Pediatr 2017;54(9):752-5.

Objective: To study the prevalence of cardiovascular risk factors in pediatric obesity. **Methods:** 50 obese children (age 5-17y) and 50 apparently healthy non-obese children (body mass index of over 95th percentile and between 5th to 95th percentiles, respectively) using Centre for Disease Control growth charts were included. Fasting blood sugar, lipid profile, insulin, homeostasis model assessment of insulin resistance, uric acid, fibrinogen, lipoprotein (a), homocysteine, malondialdehyde, ferric reducing ability of plasma and nitric oxide were measured. **Results:** Insulin, insulin resistance, triglycerides, uric acid, fibrinogen, malondialdehyde, ferric reducing ability of plasma and nitric oxide were significantly higher ($P < 0.001$) in obese children. Body mass index showed significant positive correlation with insulin $r=0.519$, $P<0.001$; insulin resistance $r=0.479$, $P<0.001$; uric acid $r= 0.289$, $P=0.005$; fibrinogen $r=0.461$, $P<0.001$; and nitric oxide $r=0.235$, $P=0.012$. **Conclusion:** Pediatric obesity is associated with dyslipidemia, oxidative stress, insulin resistance and endothelial dysfunction, which are cardiovascular risk factors and components of metabolic syndrome. These children must be targeted for lifestyle and dietary modification.

11. Myeloperoxidase, protein carbonyls and oxidative stress in coronary artery disease.

Tejaswi G, Suchitra MM, Rajasekhar D, Kiranmayia VS, Srinivasa Rao PVLN.

J Indian Coll Cardiol 2017;7:149-52.

Objective: Oxidative stress and inflammation play important roles in the pathogenesis of coronary artery disease (CAD). Myeloperoxidase (MPO) produced by circulating neutrophils plays an important role in both processes of inflammation and oxidative stress. MPO generates reactive oxygen species which cause oxidative damage to cellular lipids and proteins. Generation and accumulation of oxidative damage plays an proatherogenic role initiating a cascade of damaging cellular changes. This study was designed to evaluate the association of MPO with oxidative stress and to assess MPO as a predictor of CAD. **Methods and results:** Thirty patients diagnosed with CAD following angiography along with thirty age matched healthy controls were taken into the study. CAD cases had significantly higher triglyceride ($p = 0.012$), lower HDL cholesterol, higher oxidative stress markers malondialdehyde (MDA), protein carbonyl content (PCO), and MPO levels and lower antioxidant ferric reducing ability of plasma (FRAP) levels in CAD patients when compared to controls ($p < 0.001$). The oxidant markers were found to have good sensitivity and specificity at cut off values of MPO 106.25 IU/L, PCO 0.250 nmol/mg of protein and MDA 1.8 µmol/L. MPO was found to be a significant predictor of CAD. **Conclusion:** Our study shows that an increase in MPO levels is associated with

oxidative stress and MPO is also observed to be a significant predictor of CAD.

12. Biomarker response to contrast administration in diabetic and nondiabetic patients following coronary angiography.

Ashalatha VL, Bitla AR, Kumar VS, Rajasekhar D, Suchitra MM, Lakshmi AY, Rao PVLNS

Indian J Nephrol 2017; 27(1):20-7.

Neutrophil gelatinase-associated lipocalin (NGAL) and cystatin C represent early renal injury markers for contrast-induced nephropathy (CIN). Baseline parameters such as type and quantity of contrast, patient preparation, renal function status, and diabetes mellitus (DM) are known to affect the response of the kidney to contrast-induced injury. This study was taken up to know the biomarker response to contrast administration in 58 diabetic and 59 nondiabetic male patients with same baseline parameters and baseline serum creatinine <1.2 mg/dl undergoing coronary angiography and their role in predicting the development of CIN. Serum creatinine, serum cystatin C, and urinary-NGAL (u-NGAL) were analyzed at baseline (0 h), 4 h, and 24 h after the administration of contrast medium. CIN was defined as a 25% increase in serum creatinine concentration from the baseline value or an absolute increase of at least 0.5 mg/dl within 48 h after the administration of contrast media. Serum creatinine rose 24 h after contrast administration in the diabetic group compared to 48 h in the nondiabetic group. Serum cystatin C levels rose 24 h after contrast administration in both the groups. The earliest marker to rise in both the groups was u-NGAL at 4 h. Diabetic patients had significantly higher u-NGAL (P = 0.005), and serum creatinine levels (P = 0.008) 4 h, and 24 h after contrast administration, respectively. Serum creatinine and u-NGAL/creatinine at 4 h were found to be the best predictors of CIN in the DM and non-DM patients, respectively. Biomarker response to contrast administration is different in diabetic and nondiabetic patients following contrast administration. Diabetic patients exhibit early and greater degree of renal impairment compared to the nondiabetic patients irrespective of the outcome. We propose the use of serum creatinine in patients with DM and u-NGAL/creatinine in non-DM patients to identify CIN as early as 4 h after contrast administration.

13. Disseminated strongyloidiasis with acute kidney injury.

Sridhar AVSSN, Harini Devi N, Usha Kalawat T, Sri Ram Naveen P, Krishna Kishore Ch, Siva Kumar V.

J Clin Sci Res 2017;6:190-2.

Strongyloides stercoralis, an intestinal parasitic nematode, infects more than 100 million people worldwide. Strongyloides are unique in their ability to exist as a free-living and autoinfective cycle. Strongyloidiasis infection usually remains symptomatic, but in immune compromised hosts hyper infection and dissemination can occur, which has a high mortality. We report a 30-year-old male patient with membranous nephropathy who was receiving oral corticosteroids and cyclophosphamide who presented with disseminated strongyloidiasis. Larvae of S. stercoralis were isolated from the stool and the sputum specimens. Seven days later despite anti-helminthic therapy and intensive care support the patient died. Early detection and diagnosis of this condition is based on a high index of clinical suspicion, especially in immune compromised hosts. Screening for Strongyloidiasis infection before the initiation of immunosuppressive therapy can be considered.

14. Automation of Ischemia Modified Albumin on Beckman Analyser.

Ramesh Babu M, Bitla AR.

Nat J Lab Med 2017;6(1):9-14.

Introduction: Early markers for the diagnosis of acute myocardial ischemia are required before necrosis sets in. Ischemia-Modified Albumin (IMA) is one marker which has been shown to rise early before cell necrosis and has been found to be useful in the diagnosis of acute myocardial ischemia. **Aim:** The present study was taken up to evaluate the assay of IMA level susing albumin cobaltbinding method and to automate the method on Beckman Synchron DxC600 analyser. **Materials and Methods:** Seventy patient samples received in the clinical laboratory for biochemical analysis were used after analysis of the required parameters. Cobalt chloride (CoCl2) and Dithiothrietol (DTT) solutions in various concentrations were tested keeping one parameter constant at a time. Spectrum scan was performed, ? max was noted and absorbance measured at 5 min, 10 min, 15 min, 20 min, 25 min. After the method was established, within run, day to day precision, recovery and interference experiments were performed to test the method performance

Results: Experiments showed that CoCl2, corresponding to a concentration of 0.641 mmol/l and DTT corresponding to a concentration of 1.6207 mmol/l in the final reaction mixture gave the maximum absorbance at 470nm. The method was found to be linear upto an albumin concentration of 5.5g/dl. Intra-assay coefficient of variation (CV) and Inter-assay CV were 1% and 2.5% respectively. IMA test showed no interference for triglyceride concentration upto 443mg/dl, bilirubin concentrations upto 7.9mg/dl and haemoglobin upto 3g/dl. IMA analysis in paired serum and plasma showed values to be higher in serum compared to heparinised plasma. **Conclusion:** IMA assay can be performed on Beckman DxC 600 analyser. The sample analysis time is 10 minutes and the turn around time is short and thus acceptable. It can therefore be useful in patients with acute chest pain.

15. Simultaneous determination of arginine, citrulline, and asymmetric dimethylarginine in plasma by reverse-phase high-performance liquid chromatography.

Srinivasa Rao PVLN, Aparna R. Bitla,

J Lab Physicians 2017;9(4):243–8.

Background: Arginine, citrulline and asymmetric dimethylarginine (ADMA) are three molecules in the nitric oxide (NO) pathway which provide useful information about vascular endothelial function. ADMA accumulates with patients with chronic kidney disease (CKD) and inhibits NO synthesis. We describe the modification of a previously established method for the measurement of amino acids analysis for simultaneous detection of arginine, citrulline, and ADMA in plasma and to validate its performance in patients with CKD. **Materials and Methods:** Arginine, citrulline, and ADMA were simultaneously separated by reverse-phase high-performance liquid chromatography by precolumn derivatization with O-phthalaldehyde using the modified method. It was then applied for analysis in thirty patients with CKD and thirty healthy controls so as to cover the entire measuring range, i.e., normal and uremic range. Results: The method showed a good performance in terms of linearity, precision, and recovery. The detection limit of the assay for ADMA was found to be 0.05 µmol/L at a signal-to-noise ratio of 3:1. The average within run coefficient of variation for ADMA using this method was 4.7% in the normal range and 1.9% in the uremic range, while the average between-day precision in the normal and uremic range was 6.5% and 5.2%, respectively. Patients with CKD were found to have higher concentration of ADMA compared to controls. **Conclusion:** This method can be useful in assessing the baseline cardiovascular risk in an individual as well as in the follow-up of the patients who are receiving L-arginine, and thus, assess the response to treatment by simultaneous measurement of arginine and ADMA.

16. Role of Gut-derived Uremic Toxins on Oxidative Stress and Inflammation in Patients with Chronic Kidney Disease.

Gouroju S, Rao PVLNS, Bitla AR, Vinapamula KS, Manohar SM, Vishnubhotla S.

Indian J Nephrol 2017;27(5):359-64.

Several cardiovascular disease (CVD) risk factors have been identified among patients with chronic kidney disease (CKD). Gut-derived uremic toxins (GDUT) are important modifiable contributors in this respect. There are very few Indian studies on GDUT changes in CKD. One hundred and twenty patients older than 18 years diagnosed with CKD were enrolled along with forty healthy subjects. The patients were classified into three groups of forty patients based on stage of CKD. Indoxyl sulfate (IS), para cresyl sulfate (p-CS), indole acetic acid (IAA), and phenol were estimated along with the assessment of oxidative stress (OS), inflammatory state, and bone mineral disturbance. All the GDUT increased across the three groups of CKD. All patients had higher levels of malondialdehyde (MDA), ferric reducing ability of plasma (FRAP), high-sensitivity C-reactive protein (hsCRP), and interleukin-6 (IL-6) as compared to controls. IS and IAA showed positive association with MDA/FRAP corrected for uric acid, whereas IS and p-CS showed positive association with IL-6. IS, IAA, and phenol showed a positive association with calcium × phosphorus product. GDUT increase OS and inflammatory state in CKD and may contribute to CVD risk.

17. A Multi Marker Evaluation of Cardiovascular Disease Risk in Patients with Rheumatoid Arthritis.

Krishna Barla, Kiranmayi S. Vinapamula, Siddhartha kumar Bhattaram, Aparna R. Bitla, Suchitra M. Manohar.

Int J Clin Biochem Res 2017;4(2):140-4.

Background: Rheumatoid arthritis (RA), an inflammatory joint disease, is also associated with systemic effects.

Patients with RA have an increased risk of morbidity and mortality that is mainly attributable to cardiovascular disease (CVD). Both traditional and novel risk factors are implicated in causing the increased CVD risk in RA patients. **Materials and Method:** Forty six RA patients, diagnosed with RA as per 1987 revised ARA criteria and forty six age and sex matched healthy controls were studied. Fasting lipid profile (Total cholesterol, triglycerides, HDL cholesterol), inflammatory markers (high sensitivity C reactive protein [hsCRP] and fibrinogen), oxidant and antioxidant markers (malondialdehyde [MDA] and ferric reducing ability of plasma [FRAP]), uric acid, homocysteine and Nitric oxide (NO) were measured in all subjects. **Results:** Among the traditional lipid parameters studied, triglycerides were increased in RA patients compared to controls (p=0.023). Both hsCRP (p<0.001) and fibrinogen (p=0.006) were elevated in RA patients than in controls. MDA levels were increased (p<0.001) and FRAP levels decreased (p<0.001) in patients with RA compared to controls. Uric acid and homocysteine levels showed no significant difference between RA patients and controls. Nitric oxide levels were increased in RA patients when compared with controls (p=0.030). **Conclusion:** Patients with rheumatoid arthritis were found to have an increased risk of CVD as evidenced by increased triglyceride levels, increased inflammatory markers, presence of oxidative stress. Hence, management of these patients should also include evaluation of CVD risk besides treatment of joint symptoms.

18. MicroRNAs in health and disease.

Rama K, Srinivasa Rao PVLN, Bitla AR.

J Clin Sci Res 2017;6:25-34.

MicroRNAs (miRNAs) are a class of endogenous small non-coding RNAs about 21-25 nucleotides in length and account for 1%-5% of the genome. Ever since its discovery in 1993, these molecules have attracted researchers due to their crucial role in regulating gene expression. Dysregulation in miRNA expression profile could serve as molecular signatures for identifying diseases. These have found applications in a number of diseases including cancer, wherein they may be useful for as biomarkers in cancer diagnosis as well as serve as therapeutic targets. This review provides an update on the evolution of miRNAs in the field of medicine and its future therapeutic applications.

19. Mehran risk score for predicting contrast-induced nephropathy: Relevance to Indian population.

Bitla AR, Sandeep P, Ashalatha VL, Lakshmi AY, Srinivasa Rao PVLN, Rajasekhar D, Siva Kumar V.

J Clin Sci Res 2017;6:133-7. (Special feature)

With the increasing use of contrast media for both diagnostic and interventional procedures, the development of procedure related contrast-induced nephropathy (CIN) is becoming a subject of concern. CIN is defined as greater than 25% or 0.5 mg/dL increase in serum creatinine from baseline within 48 hours after contrast administration. The reported incidence varies depending on the definition used, the dose and type of contrast administered as well as the presence of risk factors like chronic renal insufficiency, diabetes mellitus, and contrast volume administered. The cumulative risk of several variables on renal function is thus unknown. Mehran risk score, is a simple risk score that could be readily used by clinicians to evaluate individual patient risk to develop CIN after percutaneous coronary interventions (PCI). The risk score for predicting CIN was calculated according to the following algorithm: hypotension (integer score 5), intra-aortic balloon pump support (integer score 5), congestive heart failure (integer score 5), age greater than 75 years (integer score 4), diabetes mellitus (integer score 3), estimated glomerular function rate (eGFR) less than 60 (integer score 2 to 6), pre-existing anaemia (integer score 3), and contrast media volume (integer score 1 for each 100 mL). The scores less than or equal to 5, 6-10, 11-16 and greater than or equal to 16 predicted a CIN risk of 7.5%, 14%, 26.1% and 57.3%, respectively. Keeping the utility of the above score, we prospectively applied the same to our patient population who underwent PCI in our study. One hundred and twenty patients scheduled to undergo diagnostic coronary angiography and/or angioplasty in the Department of Cardiology with baseline serum creatinine less than or equal to 1.2 mg/dL, were recruited. Patients with pre-existing renal disease, hypotension, hyperthyroidism, hypothyroidism, those on glucocorticoid therapy, cardiogenic shock, or allergy to contrast media and patients not willing to participate in the study were excluded. Patients with normal renal function (?1.2 mg/dL) were recommended liberal intake of oral fluid before the procedure and a record of the input and output was maintained to monitor fluid status. They received low-osmolal contrast agent, iohexol (320mg iodine/ml, Ominipaque®, Jaya Pharmaceutical, Hyderabad, India).

Patients with levated serum creatinine or chronic kidney disease (CKD) received 1 ml/kg/hour I.V. fluids starting 12 hours prior to and continued 12 hours after the procedure, along with N-acetyl cysteine 600mg BD, 3 days before and after the procedure and received iso-osmolar contrast medium (IOCM) Iodixonol (VISIPAQUE, from Cipla India).

20. Design and validation of novel antagonists of stromelysin-1 (MMP-3) through core hopping, ROC metrics and molecular dynamics simulations.

Sudheer Kumar K, Chiranjeevi P, Ravina Madhulitha N and Umamaheswari A.

Journal of Proteins and Proteomics.2017;8(3):22-3.

Matrix metalloproteinase-3 (MMP-3) or stromelysin-1 is a zinc dependent endopeptidase involved in tumor metastasis and malignancies of breast, lung and pancreas etc. Hyper activated human stromelysin- 1 was involved in tumor microenvironment niches and metastasis. MMP-3 proteinase activates other MMP pro-enzymes (GelatinaseA-MMP-2, Matrilysin-MMP-7 and GelatinaseB-MMP-9) which degrade ECM, mainly II, III, IV, IX, X collagens, proteoglycans, fibronectins, laminins and elastins. Thirty one crystal structures of MMP-3 are available in the protein data bank, among which twenty four have diverse co-crystal ligands are retrieved for structure based rational drug design. Twenty four diverse cocrystal ligands were docked by rigid receptor docking (RRD) and quantum polarized ligand docking (QPLD) and binding free energies were calculated by Prime-MM/GBSA approach (Madhulitha et al., 2017) with the best resolute structure (1HY7). Core hopping technique was applied to L04, the best docked co-crystal ligand to generate novel compounds from the available 4 core libraries using Phase Shape's efficient algorithm. Three compounds have better binding affinities in multiple docking strategies (RRD and QPLD) and binding free energy calculations compared to the twenty four co-crystal ligands. Further the three compounds were validated with parent compound and three compounds with the 24 co-crystal ligands by receiver operative characteristic curve metrics (ROC: 0.9995 and ROC: 0.849056) in the presence of thousand decoy molecules obtained from directory of useful decoys (DUD) dataset. Thus, three compounds were validated as leads. Lead1 and L04 have QPLD XP GScore of - 15.169 kcal/mol and -13.588 kcal/mol; ?GScore of -114.418 kcal/mol and -72.734 kcal/mol respectively. Stability of MMP-3-lead1 and MMP-3-L04 complex in natural physiological conditions were analyzed by molecular dynamics simulations using Desmond v4.3 for 50 ns (Katari et al., 2016). Lead 1 is forming ionic bonds with catalytic residues His701, Glu702, His705, His711 and Zn. Hence, lead1 ceases the catalysis of MMP-3 by inhibiting the protease activity which in turn inactivates other MMP zymogens involved in metastatic progression of various cancers.

21. E-Pharmacophore Model Assisted Discovery of Novel Antagonists of nNOS

Ravina Madhulitha N, Pradeep N, Sandeep S, Hema K, Chiranjeevi P, Sudheer Kumar K and Umamaheswari A.

Biochemistry and Analytical Biochemistry 2017;6(1):1-9.

The nitric oxide (NO) synthesized by neuronal nitric oxide synthase (nNOS) acts as a neurotransmitter and plays a crucial role in a series of neurobiological functions. In diseased condition, activated nNOS induces nitrosylation as well as phosphorylation of tau protein and glycogen synthase kinase 3 beta (GSK-3ß) respectively. Hyper phosphorylation of tau accelerates tau oligomerization resulting in formation of neurofibrillary tangles (NFT), ensuring the neuronal cell death in hippocampus region; a hallmark of Alzheimer's disease (AD). Thus, designing inhibitor towards nNOS may reduce the neuronal loss caused by nNOS. Hence nNOS has been one of the revitalizing targets for AD. In the present work, one energetically optimized structure-based pharmacophore (e-pharmacophore) was generated using nNOS co-crystal structure (4D1N) to map important pharmacophoric features of nNOS. Shape based similarity screening performed using e-pharmacophore against in-house library of more than one million compounds resulted 2701 library of compounds. Rigid receptor docking (RRD) was applied and followed by molecular mechanics and generalized Born and surface area (MM-GBSA) calculation which results 22 nNOS ligands. To define the leads, dock complexes were subjected to quantum-polarized ligand docking (QPLD) followed by free energy calculations revealed 3 leads. On comparison with 1 existing inhibitor,it concealed three best leads with lower binding energy and better binding affinity. The best lead was subjected to induced fit docking (IFD) with MM-GBSA calculation and further molecular dynamics (MD) simulations for 50 ns in solvated model system. Potential energy, root mean square deviation (RMSD) and root mean square fluctuations

(RMSF) results disclosed constancy of lead 1 interactions throughout 50 ns MD simulations run. Thus proposed three leads are having favorable absorption distribution metabolism excretion toxicity (ADME/T) properties and provide a scaffold for designing nNOS antagonists.

22. Effect of 4-methoxy 1-methyl 2-oxopyridine 3-carbamide on Staphylococcus aureus by inhibiting UDP-MurNAc-pentapeptide, peptidyl deformylase and uridine monophosphate kinase.

Swarupa V, Chaudhury A, Sarma PVGK.

J Appl Microbiol 2017;122(3):663-75.

Aims: The present study aimed to investigate the anti-Staphylococcus aureus and anti-biofilm properties of 4-methoxy-1-methyl-2-oxopyridine-3-carbamide (MMOXC) on S. aureus UDP-MurNAc-pentapeptide (MurF), peptidyl deformylase (PDF) and uridine monophosphate kinase (UMPK). **Methods and Results:** The in vitro efficacy of MMOXC was evaluated using quantitative polymerase chain reaction, in vitro assays and broth microdilution methods. Further, the minimum inhibitory concentration (MIC), IC50 and zone of inhibition were recorded in addition to the anti-biofilm property. MMOXC inhibited pure recombinant UMPK and PDF enzymes with a Ki of 0•37 and 0•49 μmol l-1. However Ki was altered for MurF with varying substrates. The MurF Ki for UMT, d-Ala-d-Ala and ATP as substrates was 0•3, 0•25 and 1•4 μmol l-1, respectively. Real-time PCR analysis showed a significant reduction in PDF and MurF expression which correlated with the MIC90 at 100 μmol l-1 and IC50 in the range 42 ± 1•5 to 50 ± 1 μmol l-1 against all strains tested. At 5 μmol l-1 MMOXC was able completely to remove preformed biofilms of S. aureus and other drug resistant strains.**Conclusions:** MMOXC was able to kill S. aureus and drug resistant strains tested by inhibiting MurF, UMPK and PDF enzymes and completely obliterated preformed biofilms. **Significance and Impact of the study:Growth** reduction and biofilm removal are prerequisites for controlling S. aureus infections. In this study MMOXC exhibited prominent anti-S. aureus and anti-biofilm properties by blocking cell wall formation, RNA biosynthesis and protein maturation.

23. Down-regulation of PAX2 promotes in vitro differentiation of podocytes from human CD34+ cells.

Sunitha MM, Srikanth L, Santhosh Kumar P, Chandrasekhar C, Sarma PVGK.

Cell Tissue Res. 2017;370(3):477-88.

Podocytes are major kidney cells that help in glomerular filtration and any damage or loss is a major event in the progression of kidney diseases. Understanding podocytes development will help in designing therapeutic strategies against these renal diseases. Therefore, in vitro generation of podocytes from adult hematopoietic CD34+ stem cells is explored in the present study. Apheretically, isolated human HSCs from peripheral blood showed the presence of CD34 surface glycoprotein through immunocytochemistry (ICC) and flowcytometry. Initially, these HSCs were induced with activin-A (10 ng/ml), retinoic acid (RA) (10 ng/ml) and bone morphogenic protein (BMP-7) (2.5 ng/ml) for 5 days. Transdifferentiation of HSCs to podocytes through intermediate mesoderm was studied with positive selection of Osr1+ cells. Subsequently, thus-obtained Osr1+ cells were induced further with activin-A (10 ng/ml), RA (10 ng/ml), BMP-7 (2.5 ng/ml), EGF (30 ng/ml) and bFGF (30 ng/ml) for 9 days. Distinct cobblestone morphological changes were observed on staining with Leishman's stain. Consequently, differentiated cells were immunopositive for anti-podocin, anti-synaptopodin and anti-GLEPP1 monoclonal antibodies. These cells showed expression of early podocyte markers PAX2 and Wt1 at day 3 followed by day 6 and mature podocyte markers NPHS1, SULT1B1, NPHS2 and Synaptopodin at day 9. Interestingly, on day 9, diminished expression of PAX2 was noted. Differentiated cells showed high tyrosine kinase activity signifying that phosphorylation controls slit diaphragm proteins. Synaptopodin regulates the integrity of cytoskeleton and cell motility of podocytes and this phenomenon was confirmed through scratch assay using agarose molds that showed high cell mobility and migration. These findings establish HSCs as ideal candidates for regenerative therapies of damaged podocytes.

24. Novel mutations in the exon 5, intron 2 and 3' UTR regions of IL-12B gene were observed in clinically proven tuberculosis patients of south India.

Babu PP, Santhosh Kumar P, Mohan A, Kumar BS, Sarma PVGK.

Cytokine 2017;99:50-8.

Interleukin-12 (IL-12) is formed by the interaction of IL-12p35 and IL-12p40 expressed independently from IL-12A and IL-12B genes. This interleukin plays prominent role

in the T-helper type-1 (Th1) response against intracellular pathogens. Variations in IL-12B gene causes disruption of various activities one of them is suppression of Th1 response and is one of the characteristic features observed in patients with active tuberculosis. Hence, in the present study IL-12B gene status was evaluated in 50 new sputum smear-positive pulmonary tuberculosis patients (NSP-PTB) as identified by Ziehl-Nielsen (ZN) staining and 50 apparently healthy control subjects (HCS) who were sputum smear-negative. The sequence analysis showed novel missense mutations p.Ser205Ile, p.Leu206Glu, p.Pro207Ser, p.Glu209Lys, p.Val210Ser, p.(Ser205_Cys327delinsIleGlu) and p.(Lys217_Leu218delinsIle) were found in exon 5 of the IL-12B gene in nine patients resulting formation of inactive IL-12 and three patients showed novel frame shift mutations p.(Asn222Leufs*23) in exon 5 of causing the formation of truncated protein. Several mutations were noted in intron 2 of the IL-12B gene in 5 patients and in 13 patients mutations were observed in 3' UTR region. All together 30/50 patients (60%) showed mutations in IL-12B gene. Decreased levels of interferon-gamma (IFN-?) and IL-12 as determined by ELISA and flow cytometry were observed in the peripheral blood mononuclear cell culture supernatants in TB patients having mutations compared with control subjects. Further, in silico analysis revealed due to frame shift mutations in exon 5 at Asn222 resulted in deletion of functional fibronectin type-III (FN3) domain which leads to formation of inactive IL-12 in these patients.

25. Phosphorylation of Staphylococcus aureus Protein-Tyrosine Kinase Affects the Function of Glucokinase and Biofilm Formation.

Vasu D, Santhosh Kumar P, Prasad UV, Swarupa V, Yeswanth S, Srikanth L, Sunitha MM, Choudhary A, Sarma PVGK.

Iran Biomed J. 2017;21(2):94-105.

Background: When Staphylococcus aureus is grown in the presence of high concentration of external glucose, this sugar is phosphorylated by glucokinase (glkA) to form glucose-6-phosphate. This product subsequently enters into anabolic phase, which favors biofilm formation. The presence of ROK (repressor protein, open reading frame, sugar kinase) motif, phosphate-1 and -2 sites, and tyrosine kinase sites in glkA of S. aureus indicates that phosphorylation must regulate the glkA activity. The aim of the present study was to identify the effect of phosphorylation on the function of S. aureusglkA and biofilm formation. **Methods:** Pure glkA and protein-tyrosine kinase (BYK) of S. aureus ATCC 12600 were obtained by fractionating the cytosolic fractions of glkA1 and BYK-1 expressing recombinant clones through nickel metal chelate column. The pure glkA was used as a substrate for BYK and the phosphorylation of glkA was confirmed by treating with reagent A and resolving in SDS-PAGE, as well as staining with reagent A. The kinetic parameters of glkA and phosphorylated glkA were determined spectrophotometrically, and in silico tools were used for validation. S. aureus was grown in brain heart infusion broth, which was supplemented with glucose, and then biofilm units were calculated. **Results:** Fourfold elevated glkA activity was observed upon the phosphorylation by BYK. Protein-protein docking analysis revealed that glkA structure docked close to the adenosine triphosphate-binding site of BYK structure corroborating the kinetic results. Further, S. aureus grown in the presence of elevated glucose concentration exhibited an increase in the rate of biofilm formation. **Conclusion:**The elevated function of glkA is an essential requirement for increased biofilm units in S. aureus, a key pathogenic factor that helps its survival and spread the infection.

26. In vitro differentiation and characterization of Human hematopoietic CD34+ stem cells into Erythrocytes.

Santhosh Kumar P, Chandrasekhar C, Srikanth L, Sunitha MM, Sarma PVGK.

J Stem Cells 2017;12(2):63-70.

The differentiation capabilities of human CD34+ stem cells can be exploited in understanding the development of erythrocytes and its related erythroid lineage disorders. Hence, in the present study, human CD34+ stem cells were isolated from a donor and cultured in DMEM medium. Immunocytochemistry (ICC), Scanning electron microscopy (SEM) and flow cytometry were used to assess the purity and characteristic features of CD34+ stem cells. This pure culture was induced with erythrocyte differentiating medium (EDM) containing erythropoietin (EPO), stem cell factor (SCF), interleukin 3 (IL-3) and Granulocyte-macrophage colony-stimulating factor (GM-CSF) for 21 days, the morphological changes of erythrocytes were assessed with Leishman's stain and hematopoietic colony forming unit (CFU) assay. The expression of erythrocytes-specific markers ??-globin, ??-

globin, ??-globin, Glycophorin A (GPA) and BGP1 genes were evaluated by quantitative Real-time PCR. The ICC and FACS results showed (12×105 cells/mL) purity of the culture expressing CD34 marker. These pure cells on culturing with EPO, SCF, IL-3 and GM-CSF for 21 days showed conspicuous biconcave morphology when stained with the Leishman's stain. The results of the CFU-E assay indicated majority of the differentiated cells are erythroid progenitors. The qRT-PCR analysis showed distinct expression with ??-globin, ??-globin, ??-globin, GPA and BGP1 genes in differentiated erythrocytes compared to CD34+ cells. Further, GPA+ expression was also confirmedby ICC. All these results conclusively elucidate that the CD34+ stem cells were successfully differentiated into erythrocytes and these differentiated cells may be useful in the treatment of various erythrocytosis and erythroid lineage disorders.

27. Cloning, Expression and Characterization of NAD Kinase from Staphylococcus aureus Involved in the Formation of NADP (H): A Key Molecule in the Maintaining of Redox Status and Biofilm Formation.

Prasad UV, Vasu D, Gowtham RR, Pradeep CK, Swarupa V, Yeswanth S, Choudhary A, Sarma PVGK.

Adv Biomed Res. 2017;6:97.

Background: Staphylococcus aureus has the ability to form biofilms on any niches, a key pathogenic factor of this organism and this phenomenon is directly related to the concentration of NADPH. The formation of NADP is catalyzed by NAD kinase (NADK) and this gene of S. aureus ATCC 12600 was cloned, sequenced, expressed and characterized. **Materials and Methods:**The NADK gene was polymerase chain reaction amplified from the chromosomal DNA of S. aureus ATCC 12600 and cloned in pQE 30 vector, sequenced and expressed in Escherichia coli DH5a. The pure protein was obtained by passing through nickel metal chelate agarose column. The enzyme kinetics of the enzyme and biofilm assay of the S. aureus was carried out in both aerobic and anaerobic conditions. The kinetics was further confirmed by the ability of the substrates to dock to the NADK structure. **Results:** The recombinant NADK exhibited single band with a molecular weight of 31kDa in sodium dodecyl sulfate-polyacrylamide gel electrophoresis and the gene sequence (GenBank: JN645814) revealed presence of only one kind of NADK in all S. aureus strains. The enzyme exhibited very high affinity for NAD compared to adenosine triphosphate concurring with the docking results. A root-mean-square deviation value 14.039Å observed when NADK structure was superimposed with its human counterpart suggesting very low homology. In anaerobic conditions, higher biofilm units were found with decreased NADK activity. **Conclusion:**The results of this study suggest increased NADPH concentration in S. aureus plays a vital role in the biofilm formation and survival of this pathogen in any environmental conditions.

28. Quantitative Expression Analysis of SpA, FnbA and Rsp Genes in Staphylococcus aureus: Actively Associated in the Formation of Biofilms.

Yeswanth S, Chaudhury A, Sarma PVGK.

Curr Microbiol 2017;74(12):1394-403.

In Staphylococcus aureus, adherence and secretory proteins play chief role in the formation of biofilms. This mode of growth exhibits resistance to a variety of antibiotics and spreads its infections. In the present study, secretary and adherence proteins, Protein-A, Fibronectin-binding protein-A (FnbA) and Rsp (a transcription regulator encoding proteolytic property) expression levels were evaluated at different stages of growth in S. aureus ATCC12600 a drug-sensitive strain and multidrug-resistant strains of S. aureus. Initially, the SpA, FnbA and Rsp genes of S. aureus ATCC12600 were cloned, sequenced, expressed and characterized. The proteolytic property of recombinant Rsp was conspicuously shown when this pathogen was grown in aerobic conditions correlating with reduced biofilm units. In anaerobic mode of growth, S. aureus exhibited a higher expression of SpA and FnbA in early and mid adherence phases and finally stabilized at 48 h of incubation. This expression was more pronounced in methicillin-resistant strains (LMV1-8 and D1-4) of S. aureus. In all these stages, Rsp gene expression was at the lowest level and these results concur with the increased biofilm units. The results of the present study explain proteins chiefly contribute in the formation of biofilms.

29. Anti-microbial and Anti-biofilm activity of a novel Dibenzyl (benzo[d] thiazol-2-yl (hydroxy) methyl) phosphonate by inducing protease expression in Staphylococcus aureus.

Yeswanth S, Sekhar KC, Chaudhary A, Sarma PVGK.

Med Chem Res. 2017. doi.org/10.1007/s00044-017-2102-8.

In the present study a novel Dibenzyl (benzo[d]thiazol-2-yl(hydroxy)methyl) phosphonate (3b) derived from a-Hydroxyphosphonate exhibited anti-Staphylococcus aureus and anti-biofilm properties against penicillin, ampicillin and methicillin-resistant strains of S. aureus. The compound 3b showed Minimum inhibitory concentration (MIC90) at 160?±?1?µg/ml and lethal dose (LD50) at 80?±?1?µg/ml. S. aureus growing as planktonic culture shows a formation of aggregates which is the prerequisite for the formation of biofilms, the compound 3b disrupted aggregates and cleared all the preformed planktonic biofilms and prevented their recurrence. The SDS-PAGE analysis of compound 3b treated S. aureus showed gradual lysis of total proteins. The zymogram analysis indicated overexpression of proteases which is the principle reason for lysis of total proteins of S. aureus on incubation with compound 3b. Further, the dot blot analysis indicated complete lysis of Protein-A in the culture filtrate of all the drug-resistant strains of S. aureus a prominent virulence factor and biofilm forming protein. All these features exhibited by compound 3b makes it as a potential therapeutic molecule in the treatment of S. aureus infections.

30. Structure based design, synthesis and biological evaluation of amino phosphonate derivatives as human glucokinase activators.

Yellapu NK, Kilaru RB, Chamarthi N, Sarma PV, Matcha B.

ComputBiol Chem. 2017;68:118-130.

Glucokinase (GK) is a potential therapeutic target of type 2 diabetes and GK activators (GKAs) represent a promising class of small organic molecules which enhance GK activity. Based on the configuration and conformation of the allosteric site of GK, we have designed a novel class of amino phosphonate derivatives in order to develop potent GKAs. The QSAR model developed using numerous descriptors revealed its potential with the best effective statistical values of RMSE=1.52 and r2=0.30. Moreover, application of this model on the present test set GKAs proved to be worthy to predict their activities as a better linear relationship was observed with RMSE=0.14 and r2=0.88. ADME studies and Lipinski filters encouraged them as safer therapeutics. The molecular dynamics and docking studies against the GK allosteric site revealed that all GKAs bind with best affinities and the complexes are strengthened by H-bonding, phosphonate salt bridges, hydrophobic and arene cat ionic interactions. Finally, in vitro evaluation with human liver GK revealed their potential to increase the GK activity by different folds. The results from QSAR, ADME, molecular docking and in vitro assays strongly suggested that the present molecules could be used as effective and safer therapeutics to control and manage type 2 diabetes.

31. Comparison of PESI, echocardiogram, CTPA, and NT-proBNP as risk stratification tools in patients with acute pulmonary embolism.

Vamsidhar A, Rajasekhar D, Vanajakshamma V, Lakshmi AY, Latheef K, Siva Sankara C, Obul Reddy G.

Indian Heart J 2017;69(1):68-74.

Objective: The aim of this study is to prospectively assess the diagnostic accuracy of pulmonary embolism severity index, echocardiogram, computed tomography pulmonary angiogram (CTPA), and N-terminal pro b-type natriuretic peptide (NT-proBNP) for predicting adverse events in acute pulmonary embolism patients. **Methods:** Thirty consecutive acute pulmonary embolism patients were included in this study. Combined adverse events consisted of in-hospital death or use of escalation of care including cardiopulmonary resuscitation, mechanical ventilation, vasopressor therapy, or secondary thrombolysis during hospital stay. **Results:** The outcomes were met in 30% of patients. Qanadli index (a measure of clot burden on CTPA) and NT-proBNP were significantly higher in patients with adverse events than those without (p=0.005 and p=0.009, respectively). PESI had moderate positive correlation with right ventricular dysfunction (RVD) (r=0.449, p=0.013) but there was no significant difference in PESI between patients with and without adverse events (p=0.7). Receiver operating characteristic analysis indicated that Qanadli index was the best predictor of adverse events with area under the curve (AUC) of 0.807 (95% CI: 0.651-0.963) with a negative predictive value (NPV) of 100% and positive predictive value (PPV) of 47.4% at cut-off value of 19. Right ventricle to left ventricle ratio on CTPA was found to predict RVD with AUC of 0.94 (95% CI: 0.842-1.000), NPV (77.8%), and PPV (95.2%) at cut-off value at 1.15. **Conclusion:** Qanadli index is more accurate predictor of adverse events than pulmonary embolism severity index, NT-proBNP, and RVD on echocardiogram and CTPA.

32. Oxidant and antioxidant status in patients undergoing percutaneous coronary interventions.

Vonteru Lakshmi Asha Latha, Musturu Manohar Suchitra, Aparna Rajeswara Rao Bitla, Pemmaraju Venkata Lakshmi Narasimha Srinivasa Rao, Durgaprasad Rajasekhar.

Asian Journal of Medical Sciences 2017:8(2):29-33.

Background: Coronary artery disease (CAD) is the major disease leading to cause mortality and morbidity. The imbalance between the generation of reactive oxygen species (ROS) and the intrinsic antioxidant defense system leading to the oxidative stress, has been implicated in the pathogenesis of the cardiovascular disease. The formed free radicals and subsequent lipid peroxidation may be responsible for myocardial damage in patients undergoing percutaneous coronary interventions. Therefore, the understanding of the pathophysiological role of ROS generated during or after coronary interventions is essential to improve the success rate of these procedures. **Aims and Objective:** The aim of this study was to evaluate the time course changes of oxidant and antioxidant status, in patients undergoing percutaneous coronary interventions (PCI). **Materials and Methods:** The study included 120 consecutive patients (117 males, 3 females; mean age 58.4 years) who underwent elective PCI. Coronary angiography and coronary angioplasty were performed according to the standard protocols. Blood samples were taken just before (0hrs) and at 4 hrs and 24 hrs after coronary interventions to determine the oxidative status i.e. plasma malondialdehyde (MDA) and for antioxidative status, erythrocyte glutathione peroxidase (GPx), erythrocyte glutathione (GSH) and plasma ferric reducing ability of plasma (FRAP). **Results:** There was significant increase in MDA levels (1.87±0.34, 1.90±0.46, p=0.000), at 4hrs and 24hrs after coronary interventions when compared to baseline levels. After coronary interventions, the GPx activity (12.96±8.37, 12.3±7.76, p=0.000) and FRAP levels (0.73±0.21, 0.70±0.23, p=0.001 respectively) were found to be increased significantly at 4hrs and 24hrs. However, the glutathione levels (2.40±0.57, 2.47±0.53, p=0.040) were decreased at 4hrs and 24hrs after coronary interventions. **Conclusion:** Our study demonstrates that presence of oxidative stress in coronary interventions. The increase in antioxidants in the present study may be due to paradoxical increase in oxidant levels in patients undergoing coronary interventions.

33. New integrated approach to percutaneous mitral valvuloplasty combining Wilkins score with commissural calcium score and commissural area ratio.

Obul Reddy Gajjala DM, record Rajasekhar Durgaprasad, Vanajakshamma Velam, Sridhar Babu Kayala, Latheef Kasala.

Echocardiography 2017:34(9):1284-91.

Background: Present echocardiographic scoring systems for percutaneous Mitral valvuloplasty (PMV) have limitations, and no scoring system is significant determinant of procedural outcome. In this study, we assess the relationship between various echocardiographic parameters and scoring systems with immediate outcomes and test an integrated approach by combining Wilkins score with other parameters. **Methods:** One hundred two patients who had undergone PMV were included in this prospective observational study. Preprocedural mitral valve morphology was assessed and categorized using Wilkins score, Sutaria scoring system, and Nunes quantitative scoring system. **Results:** Optimal PMV results were obtained in 84 patients (82.35%), and suboptimal PMV results were obtained in 18 patients (17.65%). Using Nunes scoring system, suboptimal PMV results were obtained in 9 (37.5%) patients of high-risk group (n=24), 8 (13.8%) of intermediate-risk group (n=58), and one (5%) patient of low-risk group (n=20). Using Wilkins scoring system, in patients having score>8 (n=16) suboptimal results were obtained in 5 (31.7%) and in patients having score<8 (n=86) suboptimal results were obtained in 13 (15.1%). Using Sutaria scoring system, in patients having score 3 to 4 (low risk, n=68) suboptimal results were obtained in 6 (8.8%), and in patients having score 0-2 (high risk, n=34) suboptimal results were obtained in 12 (35.3%) patients. **Conclusion:** All echocardiographic scores have significant limitations, and an integrative approach is mandatory. Combining traditional Wilkins score with Sutaria score and commissural area ratio better predicts procedural outcomes.

34. Genetic Polymorphisms of ABCB1 Gene in Patients Having Resistance to Clopidogrel.

Madhavi R, Rajasekhar D, Sarma P, Vanajakshamma V, Sowjenya G, Sreedhar K, Kapil C.

World Journal of Cardiovascular Diseases 2017;7(11):390-8.

Objectives: We sought to study the genetic polymorphisms of ABCB1 gene in post percutaneous coronary intervention (PCI) patients with clopidogrel resistance. **Background:** Dual antiplatelet therapy (DAPT) is a guideline mandated therapy for patients who undergo PCI. However there exists interindividual variability in drug response to the antiplatelet agents leading to recurrent thrombotic events. Genetic polymorphisms of ABCB1 gene are one among the causes of this interindividual variability. **Methods:** It is a single center prospective trial and includes221 patients who underwent PCI and were given clopidogrel as a part of DAPT. Platelet reactivity was assessed by grading of platelet activity index (PAI) and considered as high on treatment platelet reactivity (HTPR), i.e., clopidogrel resistance if PAI > 5. Genetic analysis for ABCB1 C-T polymorphism was done by polymerase chain reaction (PCR) and single strand confirmation polymorphism (SSCP) analysis. **Results:** Amongst 221 patients, 37 (16.7%) patients had ABCB1 C-T polymorphisms. The mean PAI value in these patients was 5.1 ± 3.0, while it was 3.5 ± 2.5 in those patients without ABCB1 C-T polymorphisms (p = 0.004). Compared to patients without HTPR, the occurrence of primary endpoints was not significantly increased in patients with HTPR except for stent thrombosis which was significantly high in patients with HTPR. HTPR was also associated with ABCB1 C-T polymorphisms (p = 0.04), but these polymorphisms did not predict the clinical outcome. **Conclusions:** There was significant prevalence of ABCB1 C-T polymorphisms in patients with HTPR. However it was not an independent risk factor for clopidogrel resistance and also it did not influence adverse cardiovascular outcomes.

35. Clinical Profile and Outcome of Infective Endocarditis in a Tertiary Care Centre: Retrospective Study.

Tirumala Naresh A, Rajasekhar D, Vanajakshamma V, Sreedhar Naik K, Abha Chandra and Abhijit Chaudhury.

J Cardiol & Cardiovasc Ther 5(2): JOCCT.MS.ID.555659 (2017).

Objective: This study was conducted to outline the clinical profile and outcomes of infective endocarditic (IE). It provides a contemporary picture of the presentation, etiology and outcomes of IE. **Methods:** A total of 97 consecutive cases of definitive IE who met the modified Duke's definitive criteria were included in the study. We analysed their clinic-epidemiologic features and outcomes. Results: The mean age was 34.8±14.6 years with male preponderance (57.7%). Rheumatic heart disease (RHD) (29.8%) was the commonest underlying cause followed by congenital heart disease (CHD) (20.6%). Fever as the main clinical feature was seen in 95.8%. About 61.8% of patients were in New York Heart Association (NYHA) class II. Blood culture was positive in 44.3% with commonest organisms being Staphylococcus aureus (10.3%) and Streptococci viridians (9.3%). Most common valve involvement was mitral valve (50.5%) followed by aortic valve (38.14%). Eleven (11.33%) patients had right-sided cardiac valve involvement. Complications were cardiovascular in 27 (27.8%) cases congestive heart failure in 24.7%, atrioventricular block in (3.1%), renal failure in 5 cases (5.2%) and neurological in 10 (10.30%) cases. In-hospital mortality was high (34.1%). Only 17 (17.5%) patients underwent surgery for IE. **Conclusion:** Morbidity as well as mortality is considerably high with IE. Staphylococcal infection is the most common etiologic agent. RHD is the commonest underlying heart disease in our population. Culture positivity rates and surgery for infective endocarditis is low. Early cardiac surgery may help to improve the outcomes in these patients

36. Spontaneous left atrial echo contrast, mitral annular systolic velocity, and left atrial appendage late emptying velocity in predicting improvement of left atrial function after percutaneous balloon mitral valvuloplasty.

Arava TN, Durgaprasad R, Velam V, Gajjala OR, Neelam VK, Manohar SN.

Echocardiography 2017 doi: 10.1111/echo.13759.

Background: Thromboembolic events are the major cause of morbidity and mortality in patients with mitral stenosis (MS). This study aims to investigate left atrial spontaneous echo contrast (LA SEC), mitral annular systolic velocity (Sa-wave), left atrial appendage (LAA) late emptying velocity (LAAEV), LAA filling velocity (LAAFV) pre- and postpercutaneous balloon mitral valvuloplasty (PBMV) for MS. This also aims to study the association of LA SEC with inflammatory marker, high-sensitivity C-reactive protein (hs-CRP) in MS**. Methods**:The study population consisted of 100 patients with symptomatic MS with sinus rhythm who underwent PBMV. Transthoracic echo (TTE), tissue Doppler imaging (TDI), and transesophageal echo (TEE) examinations were carried out before and 14 days following PBMV. High-sensitivity C-

reactive protein (hs-CRP) was measured at the time of admission. **Results:** The mean age was 33.2 ± 10.3 years with female preponderance (71%). There was a decrease in SEC grading, (pre-PBMV 2.8 ± 0.9 and post-PBMV 0.4 ± 0.1; P < .01), increase in LAAEV (pre-PBMV 23.0 ± 7.9 cm/s and post-PBMV 40.9 ± 8.4 cm/s; P < .01), and LAAFV (pre-PBMV 31.8 ± 9.3 cm/s and post-PBMV 51.2 ± 8.7 cm/s; P < .01).A significant positive correlation was present between LAAEV and Sa-wave (r = .52, P < .01). Correlation between hs-CRP and SEC was positive and significant (r = .33, P < .01). Optimal cutoff value of hs-CRP for prediction of moderate to dense SEC was >2.3 mg/dL, the cutoff value of Sa-wave was= 5.5 cm/s for prediction of the presence of inactive LAA (LAAEV < 25 cm/s). **Conclusion:** Mitral annular systolic velocity (Sa-wave) is an independent predictor of inactive LAA and a useful parameter in estimating inactive LAA in MS. Sa-wave and hs-CRP are independent predictors for SEC. PBMV improves LAA function in patients with MS

37. Evaluation of On-Clopidogrel platelet reactivity overtime, SYNTAX SCORE, genetic polymorphisms and their relationship to one year clinical outcomes in STEMI patients undergoing PCI.

Erathi HV, Durgaprasad R, Velam V, Sarma PVGK, Rodda M, Kapil C, Kanavath SN.

Minerva Cardioangiol. 2017 Jul 27. doi: 10.23736/S0026-4725.17.04438-3.

Objectives: To investigate the variability of On-clopidogrel platelet reactivity overtime, the association between HTPR, gene polymorphism and Syntax Score (SS) for risk prediction of MACE in patients with ST-Elevation Myocardial Infarction (STEMI) undergoing percutaneous coronary intervention (PCI).**Background:**Platelet function testing may be used to optimize antiplatelet therapy in high risk patients, but identification of this subset of patients remains a challenge. High On-Treatment Platelet Reactivity (HTPR) has emerged as a risk factor for Major Adverse Cardiovascular Events (MACE). Genetic polymorphisms play key role in clopidogrel hypo-responsiveness.**Methods:**This prospective, observational study includes 151 consecutive STEMI patients who underwent PCI and treated with clopidogrel. Platelet Activity Index (PAI) was measured at two different time points post-PCI. Patients were stratified by the presence of HTPR (PAI=5) and by upper SS (SS=15). Allele-specific polymerase chain reaction for identifying CYP2C19*2, CYP3A5*3, PON1, P2Y12 gene polymorphisms was done. The end point at one year follow up was MACE.**Results:**There was a significant increase in mean platelet reactivity and the total number of non-responders over a period of three months (9.9% vs. 23.8% p=0.05). Patients with SS=15 in the presence of HTPR during follow-up had highest rates of MACE, especially among diabetics compared to non-diabetics (p=0.024). The prevalence of CYP2C19*2 polymorphism was 49%%, was associated with HTPR during follow-up but unassociated with MACE.**Conclusion:**In STEMI patients undergoing PCI, the presence of SS=15, HTPR during follow-up were associated with high MACE rates especially among diabetics. Hence, such high risk groups shall require sequential testing for HTPR and optimize therapy accordingly.

38. Real time trans thoracic three dimensional echocardiography score (RT-TT3DE SCORE) in predicting the immediate outcomes of percutaneous transvenous mitral commissurotomy.

Narendra Chanda, D. Rajasekhar, V. Vanajakshamma, M.V. Kalyan, T. Suresh Babu

Indian Heart J 2017;69(2):5-6.

Objective: The aim of this study was to evaluate the mitral valve (MV) anatomy by RT-TT3DE score and its role in predicting the immediate outcomes of percutaneous transvenous mitral commissurotomy (PTMC). **Methods:** Forty-seven consecutive patients who underwent PTMC were included in this prospective observational study. Preprocedural mitral valve morphology was assessed using Wilkins score and RT3DE score. The RT3DE score was constructed by dividing each MV leaflet into 3 scallops and was composed of 31 points (indicating increasing abnormality), including 6 points for thickness, 6 for mobility, 10 for calcification, and 9 for subvalvular apparatus involvement. The total RT3DE score was calculated and defined as mild (<8), moderate (8–13), or severe (14). MV morphology was assessed using Wilkins's score and compared with the RT3DE score. Patients were categorized into two sub-groups based on procedural outcomes. **Results:** Optimal PTMC results were obtained in 41 patients and sub optimal PTMC results were obtained in 6 patients. RT3DE improved MV morphologic assessment, particularly for the detection of calcification and commissural splitting. Both scores were correlated for assessment of thickness and calcification (r = 0.66, P <

0.0001, and r = 0.48, P < 0.0001, respectively). Predictors of optimal PTMC success by Wilkins's score were leaflet calcification and subvalvular apparatus involvement, and those by RT3DE score were leaflet calcification, leaflet mobility and subvalvular apparatus involvement (P = 0.073, 0.032, and 0.004, respectively). The incidence and severity of mitral regurgitation were associated with high-calcification and severe subvalvular involvement by the RT3DE score. **Conclusions:** The RT3DE score for the morphologic evaluation of the MV in patients with MS are feasible and compares favorably with Wilkins's score. The RT3DE score does appear to provide additional valuable information beyond the standard Wilkins's score, and it can provide incremental prognostic information in addition to Wilkins's score.

39. Computed tomographic coronary angiography as a tool in diagnosis of coronary artery disease in patients with negative exercise stress test.

Sreenivasa Reddy D, Rajasekhar D, Vanajakshamma V, Vijayalakshmi Devi B, Obul Reddy G, Sreedhar Naik K, Praveen Kumar Reddy S.

Indian Heart J 2017;69(S2):S20

Background: Exercise treadmill testing (ETT) is a useful diagnostic tool for primary assessment of symptoms in patients with known or suspected coronary artery disease (CAD), but is limited by a moderate predictive accuracy of 70%. A major advantage of CT-coronary angiogram (CTCA) is its very high negative predictive value, which reliably permits the exclusion of CAD. It may be superior to physiologic testing and can avoid invasive coronary angiography. The present study is aimed to validate the usefulness of 128-slice multidetector computed tomography in diagnosis of CAD in patients with chest pain and negative or nondiagnostic exercise treadmill test result. **Methods:** This is a prospective, cross sectional study containing a cohort of patients (n = 71) with chest pain and negative or non diagnostic ETT result. CTCA was performed in these patients to diagnose CAD and coronary calcium score is correlated with degree of severity of coronary artery stenosis. Lumen diameter reduction of 30–49% was considered as moderate disease whereas =50% as significant stenosis for CTCA. Patients were divided into 2 subgroups, subgroup A included patients with normal coronaries and mild disease on CTCA and subgroup B included patients with moderate and significant disease. **Results:** The mean age of the cohort was 51.4 ± 9.4 years. Males were 66%. ETT was negative in 86% of the patients. CTCA was normal in 46% (n = 33). Non obstructive CAD was noticed in 40% (n = 28) of the patients whereas 11% (n = 7) had obstructive CAD. Patients in subgroup B (n = 21) had a higher mean Agatston calcium score (329 ± 10.60 vs 13.09 ± 206.92, p < 0.0001). Invasive coronary angiography confirmed CTCA findings in 6 of 8 patients (positive predictive value 75%). Coronary angioplasty was performed in 2 patients in view of >70% stenosis. There was no statistically significant difference in risk factors, body mass index (BMI), Cholesterol levels in both groups. There were no adverse clinical events during follow up. **Conclusions:** In patients with chest pain possibly ischemic in origin, without previously known CAD, and a negative or nondiagnostic ETT result, contrast-enhanced 128-slice CTCA is a useful tool to provide diagnostic triage. Concerns are related to risk of radiation dose against the benefits of correct disease stratification.

40. Correlation of CHA2DS2-Vasc score with carotid intima media thickness and SYNTAX score in patients with coronary artery disease.

Kiran kumar K, Rajasekhar D, Vanajakshamma V, Kranthi chaithanya D, Sumanth Reddy P.

Indian Heart J 2017;69(S2):S24

Background: CHA2DS2-VASc score is widely used in clinical practice to evaluate the risk of thromboembolism and as a guide to antithrombotic therapy in patients with nonvalvular atrial fibrillation (AF). This score includes similar risk factors for the development of coronary artery disease (CAD). Some recent studies showed CHA2DS2-VASc score can predict CAD severity using Gensini score in patients who underwent coronary angiography (CAG). This study aims to examine association of CHA2DS2-VASc score with carotid intima media thickness (CIMT) and SYNTAX score. **Methods:** A total of 300 patients with CAD who underwent CAG, in Sri Venkateswara Institute of Medical Sciences, Tirupati were included in the study. Each patient's CHA2DS2-VASc score was calculated as per standard scoring system. Each patient's CIMT and SYNTAX score was recorded as per standard guidelines. Study group was divided according to CHA2DS2-VASc score. ANNOVA and Pearson correlation was used for analysis. **Results:** Mean age of the cohort is 57.1 ± 10.6 years and 194 (65%) are males. There were 166 (55%) hypertensive and 90 (30%) diabetic patients. Sixty-eight (23%) presented with ST elevation myocardial infarction

(STEMI), 174 (58%) with non-ST elevation myocardial infarction (NSTEMI), 44 (15%) with unstable angina and 14 (4%) presented with chronic stable angina. Mean CHA2DS2-VASc score was 3.2 ± 1.2, mean CIMT was 0.8 ± 0.2 mm and mean SYNTAX score was 18.3 ± 10.9. Increase in CHA2DS2-VASc score was associated with increase in CIMT ($p < 0.001$) and increase in SYNTAX score ($p < 0.001$). CHA2DS2-VASc score is positively correlated with CIMT ($r = 73.9\%$, $p < 0.0001$) and SYNTAX score ($r = 51.34\%$, $p < 0.0001$). **Conclusion:** As CHA2DS2-VASc score has similar risk factors for the development of CAD, it can predict severity of CAD and atherosclerosis.

41. Right ventricular infarction in inferior wall myocardial infarction.

Vanajakshamma V, Vyshnavi K, Latheef K, Ramesh R, Damodara Rao K.

Indian Journal of Cardiovascular Disease in Women. 2017; 2:29-34.

Background: Right ventricular infarction (RVI) is common in patients with inferior wall myocardial infarction (IWMI). Right ventricular involvement increases mortality and morbidity in IWMI patients. Clinical presentation of RVI differs, and accordingly treatment and management of patients also differs. **Aim:**To find out the frequency of RVI among patients with acute IWMI and to determine the utility of clinical examination, electrocardiography (ECG), and echocardiography (ECHO) in the diagnosis of RVI and its severity. Also o study the frequency and complications with reference to sex. **Material and Methods:** One hundred patients with acute IWMI were recruited. Clinical examination, ECG with right precordial leads, and 2D ECHO (right ventricular end-systolic volume [RVESV] and right ventricular end-diastolic volume [RVEDV], right ventricular stroke volume [RVSV], RVESV index [RVESVI], RVEDV index [RVEDVI], RVSV index [RVSVI], and right ventricular ejection fraction [RVEF]) were done to diagnose RVI and its severity. RVI patients were divided into two groups basing on RVEF as severe RVI (EF?<?35%) and mild RVI (EF?>?35%). **Results:** Forty-three (43%) patients had RVI. Thirty-one (72%) patients had mild RVI (EF?>?35%) and 12 (28%) had severe RVI (EF?<?35%). Clinical examination had less sensitivity (35%) and high specificity (93%) in the diagnosis of RVI whereas it was highly sensitive (100%) and specific (90%) in detecting severe RVI. Total ST elevation of = 3?mm was highly sensitive (92%), and = 5?mm was highly specific (94%) in detecting severe RVI. RVEF (p?<?0.01), RVESVI (p?<?0.01), RVEDVI (p?<?0.01), RVSVI (p?<?0.05), and total ST elevation (p?<?0.01) were equally effective in detecting severe RVI. Case fatality rate in RVI was 7%. Proportional mortality rate in females was 67%, with higher mortality in females compared with males ($p = 0.05$).**Conclusion:** Right-sided leads should be taken in all cases of acute IWMI. Careful clinical examination, total ST elevation in V 1, V2, V3R, V4R, ECHO RVESV, RVEDV, RVSV, RVEF, RVESVI, RVEDVI, and RVSVI are useful in detecting severe RVI. Complications were significantly associated with the severity of RVI. Mortality is high in females compared with males.

42. Socio-demographic distribution of hypertension and its risk factors among urban slum adults of Tirupati: a cross sectional study

Ravi Sankar Deekala, Ravi Prabhu G, Altaf Hussain R, Saritha Kadari

Int J Community Med Public Health 2017;4(7):2297-302

Background: Some of the community surveys have documented that between three and six decades, prevalence of hypertension has increased by about 30 times in urban people and by about 10 times among the rural area people. Urban population of developing countries is showing similar prevalence to that of developed countries. Treating hypertension has been associated with 15% reduction in incidence of myocardial infarction and 40% reduction of stroke. The objectives of the study were to estimate the prevalence of hypertension among adults aged between 30-50 years in selected urban slum areas of Tirupati and to know the associated important risk factors with hypertension in the study subjects. **Methods:** A community based cross sectional study was conducted in urban slum community of Tirupati, to estimate the prevalence and its risk factors of Hypertension by using the JNC VII criteria. This study was conducted during January 2012 to February 2013, among 2136 subjects of 30-50 years age group. **Results:** The prevalence of hypertension was found 481 (22.5%), majority of them belongs to the age group of 45-50 years 212 (44.0%) and lowest in 30-35 years 45 (9.3%). Hypertension was predominant in males 186 (30.1%) than females 295 (19.4%). **Conclusions:** This study found that there is increasing trend of prevalence of hypertension in the urban community. This study suggests to health

planners to take remedial measures to address growing hypertension in the community through health education about lifestyle changes, dietary modification, and avoidance of stress.

43. Forensic Odontology-Awareness among Dental Practitioners in and around Tirupati-A Knowledge, Awareness and Practice Study.

Prasad K Jyothi, Prakash G Bhanu, Reddy K Bhaskar, Subash K R, Kumar D S Sujith.

Indian J Forensic Med Toxicology 2017;11(1):73-6.

Background: Forensic odontology though learned in the undergraduate curriculum but there is no separate postgraduate specialty in this area. In need of forensic expert advice, the law and enforcement department depends on the opinion of broad specialty dental practitioners. This study was designed to analyze the knowledge, attitude and awareness of forensic odontology among dental practitioners in Tirupati. **Method:** A cross-sectional study was conducted in a sample of 126 dental practitioners in Tirupati and data was collected by means of a questionnaire survey. Answers to a set of 15 relevant questions with demographic and clinical data were recorded. **Results:** 10% of the dental practitioners did not maintain dental records in their clinic/workplace and out of the 90% who maintained records, 60% were not aware of child abuse and the actions to be taken for it. Estimation of dental age and gender was known to 63% of them. 65% dentists knew the role of forensic odontology in mass disasters. About 81% knew the significance of teeth bite mark patterns and 59% knew that they can testify as an expert witness in the court of law while 41% lacked formal training in collecting, evaluating and presenting dental evidence. **Conclusion:** Our study revealed that the knowledge level was inadequate among dentists and lack of practice pertaining to clinical knowledge of forensic odontology is prevailing among the dental post graduates

44. Ligature Marks in Hanging – Gross and Histopathological Examination with Evaluation and Review.

Prasad K Jyothi, Prakash G Bhanu, Reddy K Bhaskar, Subash K R, Kumar D S Sujith.

Indian J Forensic Med Toxicology 2017;11(1):22-6.

Background: Hanging is one of the most common methods of approach in case of suicidal deaths in India. Virtually all hangings are suicides until otherwise it is proved contrary. The ligature mark plays a major role in deriving the important findings to lead investigation. The correlation of external, internal findings help to establishing the crucial facts in cases of hanging. **Aims & Objectives:** To study various patterns of ligature mark. To differentiate cases of antemortem hanging with postmortem. Materials & Methods: A study carried out in Departments of Forensic Medicine and Pathology, S.V. Medical College, Tirupati from January 2010 to December 2013 with 83 cases of asphyxial deaths due to hanging. A thorough external and internal examination of ligature mark was performed in all the cases. **Results:** A total of 83 cases were notified. Majority, 37(44.5%) of cases belong to 3rd decade (21 - 30 yrs). Males are common victims – 52(62.6%). Complete hanging was commonest type – 76(91.56%). Chunni was the commonest material – 25(31.12%). Single ligature mark was common – 80(96.3%). Gross examination revealed soft tissue changes in 23(27.71%) cases. Microscopic examination - breaking, wrinkling and compression of skin along with micro hemorrhages and inflammatory changes in subcutaneous tissues were notified. **Conclusion:** The examination of corpse in cases of hanging is made easy by correlating current observation with the following finding. The correlation of external, internal and microscopic findings leads to easy formulation of final opinion these cases. It also, to some extent helps to delineate antemortem cases of hanging with postmortem cases

45. A Study on the Effects of Anaemia on Pregnancy Outcome in an Urban Health Centre Practice Area of Tirupati.

Sujith Kumar DS, Keerthinmayee K.

Indian Journal of Public Health Research & Development 2017;8(1):215-20

Background: Anaemia is one of the most frequent complications related to pregnancy. Prematurity, spontaneous abortions, low birth weight, and foetal deaths are complications of severe maternal anaemia. Objective: To study the effect of anaemia on the outcome of pregnancy. **Materials and Method:** Haemoglobin levels of all the registered antenatal cases are measured during early and late pregnancies and followed till the outcome of pregnancy. The pregnancy outcome is measured in terms of maturity, spontaneous abortions, birth weight, APGAR score and any other complications. The outcome measured

is analyzed in relation to the haemoglobin status during early and late pregnancies. **Results:** Majority were in 20-29 years age group with mean age of 22.25 years. No pregnant woman was severely anaemic during early pregnancy. No pregnant woman was normal during late pregnancy. Majority of the women in the study were moderately anaemic during early and late pregnancy. Birth weight of the newborn was normal in 77 percent of the cases while the APGAR score was normal in 84 percent. **Conclusion:** The outcome of pregnancy was significantly related to the haemoglobin status in early pregnancy. Birth weight was significantly related to the haemoglobin status in early pregnancy. APGAR score was significantly associated with haemoglobin status in late pregnancy.

46. Estimation of – CCL2 /MCP-1 levels in serum and gingival crevicular fluid in periodontal health, disease and after treatment"- a clinico biochemical study.

Dandu S.M. Babu, Amrutha, Kotu Amrutha, Deepa Anumala, Nagireddy Ravindra Reddy.

J Orofac Sci 2017;9(2):85-90.

Background: the objective of the present study was to evaluate the role of Monocyte chemoattractant protein-1 (MCP-1), in periodontal disease progression and also to investigate the effect of periodontal therapy on MCP-1 concentration in serum & Gingival crevicular fluid.**Materials and methods:** clinical parameters including gingival index, pocket probing depth, clinical attachment level were recorded for sixty subjects divided into four groups. Group I (healthy, n = 20), Group II (gingivitis, n = 20), Group III (chronic periodontitis, n = 20) and Group IV (after treatment group, n = 20). SRP was performed and Gingival crevicular fluid and serum were collected initially and after 12 weeks of treatment. MCP-1 levels were estimated using enzyme linked immunosorbent assay. **Results:** The mean MCP-1 concentration in GCF and serum was found to be the highest in group III, and significantly defers from group-I, II, and IV. The results of present study also suggest that MCP-1 levels increased progressively in GCF & Serum from healthy to periodontitis subjects and levels decreased considerably after scaling and root planning.**Conclusion:** as the periodontal disease progresses, there is a substantial increase of MCP-1 concentrations in serum and GCF. The data indicates that high GCF and serum levels of MCP-1 are at significantly greater risk for progression of periodontitis However, controlled, longitudinal studies are needed to confirm this possibility.

47. Prevalence and Measurement of Anterior Nerve Loop of the Inferior Alveolar Nerve Using CBCT.

Vyasam Veerabhadra Rao, Harsha B GunaShekhar M, Dandu Subramanyam MadhuBabu, Gannamaneni Srinivas.

J Res Adv Dent 2016;5:3:196-9.

Background: The present study was aimed to identify and measure variations in the presence and extent of the anterior loop of the inferior alveolar nerve using CBCT. 46 CBCT scan images of subjects aged between 21-56 years were randomly selected from the database of zonal dental hospital, and evaluated for the presence of anterior loop using imaging software. The prevalence of anterior loop was found to be 65.2% and the longest loop length recorded was 5.7 mm. anterior loop should be evaluated on case-by-case basis using CBCT during pre-surgical treatment planning involving anterior implant placement and no fixed distance mesial to the mental foramen should be considered safe.

48. Toxic epidermal necrolysis and acute kidney injury due to glyphosate ingestion.

Indirakshi J, Sunnesh A, Aruna M, Reddy MH, Kumar AC, Chandra VS, Sangeetha, Katyarmal DT, Ram R, Kumar VS.

Indian J Crit Care Med 2017;21:167-9.

The literature, particularly from India, is scarce on the renal effects of glyphosate poisoning. Glyphosate causes toxicity not only after its ingestion but also after dermal exposure by inhalation route and on eye exposure. We present a patient report of glyphosate consumption which resulted in toxic epidermal necrolysis - the first report after glyphosate consumption and acute kidney injury.

49. Heterogenous origins of hyperandrogenism in the polycystic ovary syndrome in relation to body mass index and insulin resistance.

Patlolla S, Vaikkakara S, Sachan A, Venkatanarasu A, Bachimanchi B, Bitla A, Settipalli S, Pathiputturu S, Sugali RN, Chiri S.

Gynecol Endocrinol 2017;25:1-5.

Background: Insulin resistance and obesity are not universal features of polycystic ovary syndrome (PCOS). We planned to assess the differences between patients with nonobese /insulin-sensitive phenotype vs. obese/ insulin-resistant phenotype in terms of the potential mechanisms underlying their hyperandrogenism. **Materials and Methods:** A total of 52 women satisfying Androgen Excess Society (AES) criteria were included. Hormonal and metabolic profile including prolactin, dehydroepiandrosterone sulfate (DHEAS), free testosterone, sex hormone binding globulin (SHBG), fasting plasma glucose and insulin were measured in follicular phase. **Results:** DHEAS was found to be higher in the nonobese patients as compared to the obese (p?=?0.01). There was also a strong trend for a higher DHEAS among patients with lower insulin resistance by homeostatic model assessment (HOMA-IR<?2.3) (p?=?.06).While the total testosterone (p?=?.044) and SHBG (p?=?.007) were found to be lower in the more insulin-resistant group (HOMA-IR = 2.3), the free testosterone levels were similar. However, the percentage of free testosterone was higher in the more insulin-resistant group (p?=?.005). **Conclusions:** The hyperandrogenic state in PCOS appears to have heterogenous origins. Nonobese patients with PCOS have adrenal hyperandrogenism as the underlying mechanism while their obese/ insulin-resistant counterparts have low SHBG and hence an increased fraction of free testosterone.

50. Impact of Severity of Illness on the Function of the Hypothalamo-pituitary-gonadal Axis in Postmenopausal Women with Acute Severe Illness: Implications for Predicting Disease Outcome.

Vaikkakara S, Raj MN, Sachan A, Mohan A, Vengamma B, Rao PVLNS, Mukka A, Sravani C, Reddy AP.

Indian J Endocrinol Metab 2017;21:738-44.

Background: While elevated levels of estradiol were predictive of mortality in critically ill surgical and trauma patients, their ability to predict outcome in nonsurgical patients has not been studied. We aimed to study the determinants of gonadotropin levels in acutely ill postmenopausal women with nonsurgical disease and the impact of changes in the gonadal axis on the outcome of these patients. **Methods:** Thirty-five postmenopausal women admitted to medical intensive care with acute severe illness and having a Simplified Acute Physiology Score (SAPS II score) =30 (in-hospital mortality rate = 10%) were recruited. On the 5th day of hospitalization, fasting samples were collected at 8.00 am and tested for luteinizing hormone (LH), follicle-stimulating hormone (FSH), estradiol, free triiodothyronine, free thyroxine, thyrotropin, cortisol, prolactin, dehydroepiandrosterone, androstenedione, and sex hormone-binding globulin. Multiple linear regression analysis was performed to identify independent determinants if any of LH and FSH. Receiver operating characteristic (ROC) curves were drawn for different cutoffs of LH, FSH, and estradiol to diagnose mortality and prolonged hospitalization. **Results:** There was an independent negative association between the FSH and the SAPS II score (beta = -0.435; P = 0.014), but not with any of the other tested parameters (estradiol, prolactin, or cortisol). Among components of the SAPS II score, the total leukocyte count (TLC) was negatively associated with serum FSH (beta coefficient = -0.635, P = 0.013). None of these parameters were determinants of LH. On ROC analysis, neither estradiol nor gonadotropins were diagnostic for in-hospital mortality. However, among survivors, low estradiol was diagnostic for prolonged hospital stay (area under the curve = 0.785; P = 0.015). **Conclusion:** FSH, but not LH, is negatively associated with the severity of illness, particularly to its inflammatory component (TLC). Low estradiol in survivors was a predictor of prolonged hospital stay.

51. Correction of Hypothyroidism Leads to Change in Lean Body Mass without Altering Insulin Resistance.

Sirigiri S, Vaikkakara S, Sachan A, Srinivasarao PV, Epuri S, Anantarapu S, Mukka A, Chokkapu SR, Venkatanarasu A, Poojari R

Eur Thyroid J 2016;5:247-52

Background: Hypothyroidism is associated with insulin resistance, dyslipidemia, and abnormal body composition. This study assessed changes in body composition and insulin resistance after thyroxine (T4) replacement in overt hypothyroidism. **Methods:** In this prospective longitudinal study carried out in a tertiary care center, adult nondiabetic patients with overt hypothyroidism were rendered euthyroid on T4. Anthropometry including skinfold thickness (SFT) at the triceps and subscapularis was recorded. Patients underwent testing for fasting plasma glucose, creatinine, serum insulin, T4, thyrotropin (TSH) and body composition analysis by dual-energy X-ray absorptiometry (DEXA) both before and at 2 months after restoration to the euthyroid state. **Results:** Twenty-seven

patients (20 female and 7 male) aged 35.3 ± 11.0 years (min-max: 17-59 years) with overt hypothyroidism were recruited. Serum T4 at the time of recruitment was 48.9 ± 24.6 nmol/l (normal range = 64.4-142 nmol/l). All patients had TSH =50 µIU/l. Following treatment, there was a mean body weight reduction of 1.7 kg ($p = 0.01$). Waist circumference as well as triceps and subscapularis SFT decreased significantly ($p < 0.001$). There was no change in fat mass (FM), percentage of fat (%FM) or bone mineral content in any of the specified regions or in the body as a whole. In contrast, mean lean body mass (LBM) decreased significantly by 0.8 kg ($p < 0.01$) in the trunk and 1.3 kg ($p < 0.01$) in the whole body. Insulin resistance and level of glycemia were not affected by treatment with T4. **Conclusion:** LBM decreases significantly without affecting FM after correction of hypothyroidism. Insulin resistance was not influenced by T4 treatment.

52. Application of society of radiologists in ultrasound recommendations for fine needle aspiration of thyroid nodules.

Agarwal P, Kadiyala S, Suresh V, Chowhan A, Lakshmi AY, Vijayalakshmi B.

J Clin Sci Res 2017;6:10-7.

Background: The Society of Radiologists in Ultrasound (SRU) recommendations on thyroid nodules are intended to "diagnose thyroid cancers that have reached clinical significance,while avoiding unnecessary tests and surgery in patients with benign nodules." **Methods:**This prospective observational study was conducted on 193 consecutive patients undergoing ultrasonography (USG) guided thyroid FNA. Nodules were categorized as "SRU-positive"and "SRU-negative" based on USG features. The sensitivity and specificity of the SRU recommendations and of various US features for thyroid malignancy were calculated. **Results:** Of 193 patients subjected to FNA, 83 patients of Bethesda class I,III,IV,V were excluded. Among 110 nodules subjected to FNA, 79 were SRU positive and 31were SRU negative. There were 24 malignancies in 110 FNA (22% malignancy prevelance). There was significant difference between the malignancy rates of SRU positive and negative groups ($p=0.0192$). The sensitivity, specificity, PPV, NPV of thyroid malignancy in our cohort was 91.6%, 33.7%, 27.8% and 93.5% respectively. **Conclusions:** The application of SRU recommendations reduces the number of benign nodules that undergo workup. Potentially missed malignancies in SRU negative nodules are less aggressive by histologic type and stage compared to SRU-positive malignancies

53. Iatrogenic hypercalcaemia in an elderly lady

Ashok V, Suresh V, Sachan A, Vengamma B, Bitla AR, Shalini P, PraveenKumar G, Bharath B, Sugali RN, Kumar EGTV.

J Clin Sci Res 2017; 6:121-4.

An 83-year-old lady known to have type 2 diabetes mellitus, hypertension and primary hypothyroidism presented with the complaints of increased thirst of one month duration, diffuse abdominal pain, constipation and mild nausea of one week duration. She was found to have hypercalcaemia. Review of her treatment records revealed that she had received a high dose of vitamin D (average dose of 63,000 IU/day) over two months. Serum vitamin D was 347 ng/mL. Patient was advised to withhold all calcium and vitamin D preparations and further managed with intravenous 0.9% saline, diuretics and zoledronic acid. She improved clinically; her serum calcium levels became normal and she was subsequently discharged in stable condition. This case illustrates that inappropriate therapy with grossly excessive doses of vitamin D can result in intoxication leading on to hypercalcaemia.

54. A retrospective study of JAK-2 mutations, Endogenous Erythroid Colony formation assay in absolute erythrocytosis patients in a tertiary care centre, south India.

Chandrasekhar C, Santhosh Kumar P, Sumanth Kumar M, Sarma PVGK.

J Stem Cells 2017;12(2):71-81.

The Myeloproliferative disease that arises due to variationin the haematopoietic stem cell (HSC), and usuallyproliferates and dominates over normal HSC causingformation of enormous amount of erythrocytes (absoluteerythrocytosis) in the blood is called Polycythemiavera (PV). Idiopathic erythrocytosis (IE) is absoluteerythrocytosis of undefined etiology. In the present study,54 patients with primary absolute erythrocytosis werethoroughly worked up including Endogenous erythroidcolony forming assay (EEC), followed up for 2-4 years andanalyzed retrospectively. The diagnoses were based onBCSH guidelines (2007) and WHO revision criteria (2016).We diagnosed 33% (18/54) patients as

Polycythemia vera(PV) and 66.6% (36/54) patients as absolute erythrocytosis most probably Idiopathic Erythrocytosis (IE). Overall,hypertension (74%), dyslipidemia (55%), overweight(18%), consumption of alcohol (66.6%), smoking (55%)were seen and all these could have contributed to thepathology. Splenomegaly was seen in 14/18 (77.7%) in PV,6/36 (16.6%) in IE. Serum EPO levels were below normalrange 12/18 (66.6%) in PV, 14/36 (38.8%) in IE patients.EEC formation was observed 10/12 (83.3%) in PV, 14/22 (63.6%) in IE patients. Differences in WBC, plateletcounts, EPO levels between PV and IE were statisticallysignificant. In PV patients, JAK-2 exon 14 mutation(V617F) was seen in 17/18 patients (94.4%). Onlyone patient was JAK-2 (exon 12, 14) Negative and none were JAK2 exon 12 positive. IE was twice as commonas PV in our study group and interestingly, most of theIE patients were EEC positive. The number of EECcolonies was significantly high ($p < 0.001$) in PV patientswhen compared with IE patients and normal positivecontrols.

55. Index-TB guidelines: Guidelines on extrapulmonary tuberculosis for India.

Sharma SK, Ryan H, Khaparde S, Sachdeva KS, Singh AD, Mohan A, Sarin R, Paramasivan CN, Kumar P, Nischal N, Khatiwada S, Garner P, Tharyan P.

Indian J Med Res 2017;145:448-63.

Extrapulmonary tuberculosis (EPTB) is frequently a diagnostic and therapeutic challenge. It is a common opportunistic infection in people living with HIV/AIDS and other immunocompromised states such as diabetes mellitus and malnutrition. There is a paucity of data from clinical trials in EPTB and most of the information regarding diagnosis and management is extrapolated from pulmonary TB. Further, there are no formal national or international guidelines on EPTB. To address these concerns, Indian EPTB guidelines were developed under the auspices of Central TB Division and Directorate of Health Services, Ministry of Health and Family Welfare, Government of India. The objective was to provide guidance on uniform, evidence-informed practices for suspecting, diagnosing and managing EPTB at all levels of healthcare delivery. The guidelines describe agreed principles relevant to 10 key areas of EPTB which are complementary to the existing country standards of TB care and technical operational guidelines for pulmonary TB. These guidelines provide recommendations on three priority areas for EPTB: (i) use of Xpert MTB/RIF in diagnosis, (ii) use of adjunct corticosteroids in treatment, and (iii) duration of treatment. The guidelines were developed using the Grading of Recommendations Assessment, Development and Evaluation (GRADE) criteria, which were evidence based, and due consideration was given to various healthcare settings across India. Further, for those forms of EPTB in which evidence regarding best practice was lacking, clinical practice points were developed by consensus on accumulated knowledge and experience of specialists who participated in the working groups. This would also reflect the needs of healthcare providers and develop a platform for future research.

56. Outcome and management of spinal tuberculosis according to severity at a tertiary referral center.

Bodapati PC, Vemula RCV, Mohammad AA, Mohan A.

Asian J Neurosurg 2017;12:441-6.

Objective: Anti-tuberculosis (TB) treatment remains the mainstay of treatment of spinal TB. There is a lack of consensus regarding the timing of interventional procedures and surgery in the patients with spinal TB. This study aims to prospectively study the clinical outcome and management in patients presenting with spinal TB at our tertiary referral center and teaching hospital. **Methods:** Data were collected prospectively from 48 patients treated for spinal TB presenting to us from August 2011 to December 2012. All the patients were followed-up for the duration of anti-TB treatment. **Results:** The categorization of patients into different management groups was based on the clinical and radiological findings at the time of diagnosis. The patients with mild disease (n = 23) were successfully managed with anti-TB treatment alone. The other 25 patients needed an intervention either in the form of pigtail catheter drainage of the paravertebral collection (n = 18) or an extensive surgical debridement followed by the fusion techniques (n = 7). All the patients responded well to the treatment, and there were no significant complications in any of the patients. It had been observed that various stages of spinal TB demand different approaches for the treatment in the form of either chemotherapy alone, chemotherapy with pigtail drainage of the paravertebral collection, or surgery in conjunction with chemotherapy. **Conclusions:** Judicious use of pigtail drainage and surgical intervention in addition to anti TB treatment can be rewarding in the patients with spinal TB.

57. Miliary Tuberculosis.

Sharma SK, Mohan A.

Microbiol Spectr 2017;5(2): TNMI7-0013-2016.

Miliary tuberculosis (TB) results from a massive lymphohematogenous dissemination of Mycobacterium tuberculosis bacilli and is characterized by tiny tubercles evident on gross pathology resembling millet seeds in size and appearance. The global HIV/AIDS pandemic and widespread use of immunosuppressive drugs and biologicals have altered the epidemiology of miliary TB. Considered to be predominantly a disease of infants and children in the pre-antibiotic era, miliary TB is increasingly being encountered in adults as well. The clinical manifestations of miliary TB are protean and nonspecific. Atypical clinical presentation often delays the diagnosis. Clinicians, therefore, should have a low threshold for suspecting miliary TB. Focused, systematic physical examination helps in identifying the organ system(s) involved, particularly early in TB meningitis, as this has therapeutic significance. Fundus examination for detecting choroid tubercles offers a valuable clinical clue for early diagnosis, as their presence is pathognomonic of miliary TB. Imaging modalities help in recognizing the miliary pattern, defining the extent of organ system involvement. Examination of sputum, body fluids, image-guided fine-needle aspiration cytology or biopsy from various organ sites, needle biopsy of the liver, bone marrow aspiration, and biopsy should be done to confirm the diagnosis. Cytopathological, histopathological, and molecular testing (e.g., Xpert MTB/RIF and line probe assay), mycobacterial culture, and drug susceptibility testing must be carried out as appropriate and feasible. Miliary TB is uniformly fatal if untreated; therefore, early initiation of specific anti-TB treatment can be lifesaving. Monitoring for complications, such as acute kidney injury, air leak syndromes, acute respiratory distress syndrome, adverse drug reactions such as drug-induced liver injury, and drug-drug interactions (especially in patients coinfected with HIV/AIDS), is warranted.

58. In-hospital medical, neurological complications and outcome in patients with acute stroke: a prospective study.

Varadaraja J, Vengamma B, Mohan A, Usharani K.

J Clin Sci Res 2017;6:144-52.

Background: Sparse published data are available regarding the occurrence of medical and neurological complications in patients with acute stroke and their relation to outcome. **Methods:** In this prospective single centre study, done over one year period, 460 patients with acute stroke were studied. Stroke characteristics, severity, risk factors were documented. Predefined complications were monitored during in-hospital stay. The outcome was measured using modified Rankin scale (mRS) at the time of discharge. **Results:** Overall, 121 (26.3%) patients developed complications. Majority of patients (44/121,36.4%) developed complications in the first one week hospital stay. The prevalence of neurological and medical complications was 15% and 11.3% respectively. Raised intracranial pressure (ICP) [n=37 (8%)], and pneumonia [n=20 (4.3%)] were more frequently observed complications. Acute stroke patients with complications had a statistically significant poor outcome (mRS 3 to 6) than patients without complications [n=103/121 (85.1%) vs. n=219/339 (64.6%); p <0.001)]. On multivariable analysis, dyslipidaemia [odds ratio (OR) 5.128; p=0.001], hypertension (OR 2.037; p=0.002), age less than 45 years (OR 1.799; p=0.004), stroke severity with moderately severe to severe stroke (OR 4.067; p<0.001) were statistically significant predictors for the occurrence of complications. **Conclusions:** The mortality and morbidity were more within stroke patients with complications compared with those without complications. Efforts should be directed at preventing the occurrence of medical and surgical complications in patients with acute stroke by optimising the care of there patients.

59. The Looming Menace of Drug Resistant Tuberculosis and the Quest for the Elusive Vaccine.

Chaudhury Abhijit

J Clin Biomed Sci 2016; 6(3): 73-5.

The malady which took away the life of the protagonist in John Bunyan's book of 1680 "The life and death of Mr Badman" was con- sumption and it was described as "The captain of all these men of death". Tuberculosis (TB), which was a major killer in the mediaeval times, still remains a formidable disease to reckon with, causing substantial mortality in the economically less developed countries in the world. In 2015, there were an estimated 10.4 million new TB cases worldwide and six coun-tries, India, Indonesia, China, Nigeria, Pakistan, and South Africa, accounted for 60% of the new cases. [1] With this

huge burden, the additional menace of drug resistant tuberculosis is threat-ening to derail the gains already achieved till now in the control of TB. Multidrug drug re-sistant (MDR) TB refers to resistance to at least isoniazid and rifampicin and a shift of therapy to second line of agents. Extensively drug re-sistant (XDR) TB is MDR-TB which is also re-sistant to the fluroquinolones and second line injectables, thus signifying the failure of second line of treatment. Approximately 20% of iso-lates globally are estimated to be resistant to one or more major drugs and about 10% are isoniazid resistant. [2 According to the WHO report[1] , in 2015, there were an estimated 480,000 new cases of MDR-TB and an additional 100,000 with rifampicin resistant TB. India, China, and Russian Federation accounted for 45% of the combined total of 580,000. Sadly, only 20% of this total population with MDR-TB were en-rolled for second line treatment regimen, the gap being highest for India. Our country with its population of 1311 million as of 2015, had an incidence rate of 217/100,000 population, and a mortality rate of 36/100,000 with total death due to TB being 480,000 in 2015. In India, with treatment coverage of 59%, only 46% of the MDR TB cases were started on second line treatment as of 2013. The Global Pre-serving Effective TB Treatment Study investi-gators have done a mathematical modelling study to estimate the future burden of MDR and XDR-TB in India, the Philippines, Russia and South Africa, published recently in the May, 2017 issue of The Lancet Infectious Dis-eases.[3] Their model estimates that a third of tuberculosis cases in Russia (32.5%) would be multidrug resistant by 2040, as well as 12.4% of tuberculosis cases in India, 8.9% in the Phil-ippines, and 5.7% in South Africa; and an in-crease to 8.9% for XDR-TB in India. In effect, by 2040, a third of tuberculosis cases in Russia are predicted to be drug resistant; compared with one in ten in India and the Philippines, and one in 20 in South Africa. The availability of the new drugs bedaquiline and delaminid will have little impact since resistance to both the drugs have already been reported.

60. Plasmodium knowlesi: the fifth malaria parasite.

Chaudhury A, Venkataramana B.

J Clin Sci Res 2017;6:171-8.

In 2004, a large focus of human malaria infection in Malaysian Borneo alerted the world community about the emergence of Plasmodium knowlesi as a new threat to public health. It is a zoonotic disease transmitted primarily between nonhuman primate hosts by the Anopheles mosquitoes. At present it has become endemic in most of the South East Asian countries and human cases are being reported on a regular basis. The importance of this species lies in the fact that similar to P.falciparum, it can cause high parasitaemia and severe malaria which may require hospitalization. This review deals with the history, epidemiology, pathogenesis, clinical aspects, diagnosis, and treatment of P.knowlesi malaria, and the potential threat of this parasite for India.

61. Scrub typhus: clinical profile and laboratory investigations.

Meenakshi Kante,Rishi Gowtham R, Usha Kalawat, Padmalatha AM, Siddarth Kumar B.

Eur J Biomed Pharmaceut Sci 2017;4:793-6.

Background: Scrub typhus is an acute febrile illness caused by Orientia tsutsugamushi and is transmitted to humans by the bite of larva of trombiculid mites. The Aim of the present work was to study the changes associated in clinical profile and laboratory manifestations of scrub typhus patients. **Methods:** We conducted Retrospective study in Department Of Microbiology, Sri Venkateswara Institute of Medical Sciences (SVIMS), Tirupati over a period of Jan 2013 – Dec 2016. Detection IgM antibodies was done by ELISA using In Bios International TM IgM ELISA manufactured by (In BiOS International Inc.USA). Clinical features and laboratory findings of the patients were retrieved from hospital medical records. The Statistical software IBM SPSS for windows version 16.0 Armonk, NY IBM Corp. was used for data analysis. **Results:** In this study 857 patients were confirmed to have scrub typhus by serology. In Our study greatest number of scrub typhus were reported in the age group 18-49 (51.34%). Male and female ratio was 1.06:1. Fever was the most common symptom (100%). The most severe complication was Hepatic dysfunction (49.9%) followed by renal dysfunction paedal odema (14.5%), splenomegaly (5.3%), meingoencephalitis (4.2%), respiratoryfailure (4.08%), lymphadenopathy (2.33%), septic shock (1.8%) conjuctival congestion (1.4%),cerebral atrophy and pericardial effusion (1.28%) and jaundice (0.1%) in decreasing order. Laboratory findings noted were Erythrocyte Sedimentation Rate (67.6%) thrombocytopaenia (66.2%), Aspartate transaminase (61%), leucopaenia (52.5%), leucocytosis (32.5%), Alanine transaminase (28.2%) and thrombocytosis (1.1%).

Conclusion: We conclude that prompt clinical findings and confirmed diagnosis will be helpful for clinicians to initiate appropriate treatment without delay leading to reduction of morbidity and mortality.

62. Common fungal isolates from routine clinical specimens - A two-year study from a tertiary care hospital in South India.

Jayaprada R, Nagaraja M, Sumanth Kumar GLS, Venkataramana B, Kalawat U.

J Clin Sci Res 2017;6:2-9

Background: Fungal infections are gaining prominence in recent years and are becoming a cause of significant morbidity as well as mortality. Reliable data from India about the spectrum of pathogens causing fungal infection in various body systems, and particularly about the antifungal susceptibility pattern of Candida spp., which is the most common isolate worldwide is not available. **Methods:** We prospectively studied 48,155 clinical samples submitted for fungal work-up to the microbiology laboratory at our tertiary care teaching hospital. Standard procedures were followed for fungal identification. Candida isolates were differentiated into Candida albicans and non-albicans candida (NAC) by germ tube test. Antifungal susceptibility of Candidaisolates was determined by disc diffusion technique using amphotericin B (10µg), fluconazole (25 µg), and voriconazole (1 µg) discs. **Results:** A total of 555 fungal isolates were obtained of which 541 were Candida spp, while the others were filamentous fungi. Male gender and age over 50 years were found to be independent risk factors. Proportion of NAC isolates (n = 384, 69.2%) were greater compared to C. albicans (n = 157, 28.3%). Aspergillus spp. was the second most frequent isolate. Azole resistance was significantly more in NAC group as compared to C. albicans. For fluconazole, 57.5% of the NAC showed resistance compared to 24.8% seen in strains of C. albicans while the corresponding figure for voriconazole was 56.8% Vs 22.9%. Overall resistance for amphotericin B was low (8.9%). **Conclusions:** Our observations bring to light the spectrum of common fungal isolates and their susceptibility patterns. This information will be useful for health planners and policy makers, as early institution of appropriate antifungal treatment can be life saving.

63. Association of amelogenesis imperfecta and Bartter's syndrome.

Kumar A, Alekya V, Krishna M, Alekya K, Aruna M, Reddy M, Sangeetha B, Ram R, Kumar VS.

Indian J Nephrol 2017;27:399-401

Bartter's syndrome is an autosomal recessive renal tubular disorder characterized by hypokalemia, hypochloremia, metabolic alkalosis, and hyperreninemia with normal blood pressure. Bartter's syndrome is associated with hypercalciuria and nephrocalcinosis. Amelogenesis imperfecta (AI) is a group of hereditary disorders that affect dental enamel. AI could be part of several syndromes. The enamel renal syndrome is the association of AI and nephrocalcinosis. We report two patients of AI with Bartter's syndrome.

64. Employment Status of Patients Receiving Maintenance Dialysis - Peritoneal and Hemodialysis: A Cross-sectional Study.

Lakshmi BS, Kumar ACV, Reddy HK, Gopal J, Chaitanya V, Chandra VS, Sandeep P, Nagaraju RD, Ram R, Kumar VS.

Indian J Nephrol 2017; 27(5):384-8.

The long-term dialysis therapy for end-stage renal disease takes a heavy toll of quality of life of the patient. Several factors such as fatigue and decreased physical capability, impaired social and mental functioning, contribute to this forlorn state. To meld maintenance dialysis treatment with a regular employment can be a serious test. A cross-sectional study of employment of patients on hemodialysis and peritoneal dialysis in a state government tertiary institute in South India was performed between June 2015 and December 2015. Patients who completed 3 months of regular dialysis were only included in the study. The number of patients on hemodialysis was 157 and on peritoneal dialysis was 69. The employment status before the initiation of dialysis was 60% (93 out of 155) and 63.7% (44 out of 69) in hemodialysis and peritoneal dialysis, respectively. After initiation, the loss of employment was observed in 44% (41 out of 93) in hemodialysis and 51.2% (26 out of 44) in peritoneal dialysis (P = 0.2604). Even though there was fall of absolute number of job holders in both the blue and white collar jobs, the proportion of jobholders in the white collar job holders improved. On univariate analysis, the factors which influenced the loss

of employment were males, age between 50 and 60 years, number of comorbidities >2, illiteracy and blue collar versus white collar job before the initiation of dialysis. The majority of patients had the scores above 80 on Karnofsky performance scale and the majority belonged upper and middle classes than lower classes on modified Kuppuswamy's socioeconomic status scale; however, the loss of employment was also disproportionately high. There appeared a substantial difference in the attitude of the patients toward the employment. There was no difference between hemodialysis and peritoneal dialysis in the loss of employment of our patients.

65. Collagenofibrotic glomerulopathy.

Reddy M, Kumar A, Chandra V S, Praveen N, Kurien A A, Sangeetha B, Ram R.

Indian J Nephrol 2017;27:331-3.

A 54-year-old female had been a nondiabetic and hypertensive for the past 1 year. About 2 years ago, she had swelling of feet, facial puffiness, and abdominal distension over a period of 1 month. She was evaluated at another nephrology facility. The investigations performed then were urine albumin: 3+, urine protein-creatinine ratio: 9.5, and serum albumin: 1.9 g/dl. She then underwent a renal biopsy. There were 13 glomeruli, all were enlarged in size. There were a few pale eosinophilic acellular, weakly periodic acid–Schiff (PAS) positive material in mesangium. Similar material was found along the capillary loops. There were negative with silver stain. The Congo red stain does not show apple green birefringence. The negative Congo red confirmed even on thick section. There was no hypercellularity, necrotizing lesions, or crescents. Tubules and interstitium showed atrophy, fibrosis, or interstitial deposits. There was hyalinosis of small arterioles, tunica media hyperplasia, and no vasculitis. Immunofluorescence microscopy showed focal and segmental trapping of IgM, 1+, and C3 and trace positive in the areas of hyalinosis. C1q, IgA, IgG, C3, and fibrin were negative. It was reported as membranoproliferative glomerulonephritis. Prednisolone and angiotensin-converting enzyme inhibitors (ACEi) were given as the treatment. She presented to our institute with the history of worsening anasarca. The blood pressure was 150/100 mmHg. The investigations were serum creatinine: 2.3 mg/dl, blood urea: 54 mg/dl, hemoglobin: 6.3 g/dl, total serum proteins: 4.8 g/dl, serum albumin: 2.0 g/dl, and 24 h urine protein: 9.3 g. The peripheral smear revealed normocytic normochromic anemia with occasional macrocytes. She showed negative serologies for antinuclear antibody, hepatitis C, hepatitis B, and human immunodeficiency virus and had normal serum C3 and C4 levels. Antineutrophil cytoplasmic antibody serologies were negative. There was no previous family history of renal disease or signs/symptoms of nail–patella syndrome. A second renal biopsy was performed. The findings were there were ten glomeruli. One glomerulus was globally sclerotic. The remaining were enlarged with deposition of a pale PAS and silver negative material in the mesangium in a diffuse and nodular pattern and. This material is also focally deposited over the capillary loops. It was blue on trichrome stain . The Congo red stain for amyloid was negative. The capillary loops showed double contours. There was no endocapillary proliferation, necrotizing lesions, or crescent formation. The interstitial fibrosis and tubular atrophy involved 25% of the core. Prominent arteriolar hyalinosis was present. The electron microscopy displayed the expansion of the mesangium by curvilinear bands of collagen. The glomerular basement membrane was globally thickened. Visceral epithelial cells show severe foot process effacement. No immune type electron dense deposit was visible. The immunoperoxidase stain for collagen III was positive. She was started on prednisolone 1 mg/kg/day, ACEi, and angiotensin receptor blockers. During next 2 months, the serial serum creatinine values showed a declining trend, 2.2? 1.9? 1.5? 0.9 mg/dl

66. Nerve and vein preserving neck dissections for oral cancers: a prospective evaluation of spinal accessory nerve function and internal jugular vein patency following treatment.

Kumar Reddy GR, Hulikal N, Lakshmi AY, Vengamma B.

Acta Otorhinolaryngol Ital 2017; 33:184-8.

Nerve and vein preserving modification of the radical neck dissection is commonly used in the management of oral squamous cell cancers. There is limited literature addressing nerve function and vein patency following treatment. We prospectively analysed 65 patients with nerve conduction study using surface electromyography at baseline, 1 month and 6 months post-surgery and colour Doppler of the internal jugular vein at baseline and 1 month post-surgery. We also studied functional outcomes of nerve sparing with arm abduction test and Neck Dissection Quality of Life questionnaire. There was a statistically significant increase in mean latency of motor action

potential and decrease in the mean amplitude of the motor action potential following surgery, suggesting nerve dysfunction. Following surgery, there was a significant decrease in the diameter of the vein as well as an increase in the velocity of blood flow; there was partial thrombus in 5% of individuals. In conclusion, even though nerve dysfunction compromised shoulder abduction, vein dysfunction rarely resulted in any significant clinical impact.

67. A clinical and electrophysiological study of peripheral neuropathies in predialysis chronic kidney disease patients and relation of severity of peripheral neuropathy with degree of renal failure.

Jasti DB, Mallipeddi S, Apparao A, Vengamma B, Sivakumar V, Kolli S.

J Neurosci Rural Pract 2017;8:516-24.

Objective: To study the prevalence, clinical features, electrophysiological features, and severity of peripheral neuropathy in predialysis chronic kidney disease (CKD) patients with respect to severity of renal failure and presence of diabetes mellitus. **Materials and Methods:** Between May 2015 and December 2016, 200 predialysis CKD patients were assessed prospectively. **Results:** The prevalence of peripheral neuropathy in predialysis CKD patients in the present study was 45% based on clinical symptoms and 90% electrophysiologically. Mean age of 200 predialysis CKD patients who participated in the study was 53.2 ± 13.2 years. One hundred and thirty-six (68%) patients were male and 64 (32%) patients were female. Mean duration of disease was 2.2 ± 1.6 years. Nearly 45% patients of patients had asymptomatic peripheral neuropathy in the present study, which was more common in mild-to-moderate renal failure group. One hundred twenty-six patients (63%) had definite damage and 54 patients (27%) had early damage. In mild-to-moderate renal failure (n = 100) and severe renal failure patients (n = 100), 88% and 92% had significant peripheral neuropathy, respectively. Most common nerves involved were sural nerve, median sensory nerve, and ulnar sensory nerve. Diabetic patients (97%) showed more severe and high prevalence of peripheral neuropathy when compared to nondiabetic patients (83%). Most common patterns were pure axonal sensorimotor neuropathy and mixed sensorimotor neuropathy. **Conclusion:** Peripheral neuropathy is common in predialysis patients, prevalence and severity of which increases as renal failure worsens. Predialysis patients with diabetes show higher prevalence and severity of peripheral neuropathy when compared with nondiabetics.

68. Impaired frontal lobe functions in patients with Parkinson's disease and psychosis.

Thota N, Lenka A, George L, Hegde S, Arumugham SS, Prasad S, Stezin A, Kamble N, Yadav R, Pal PK.

Asian J Psychiatr 2017;30:192-5.

Background: Patients with Parkinson's disease (PD) may develop several non-motor symptoms (NMS). Psychosis is one of the debilitating NMS of PD. The neurobiology of psychosis is not fully understood. This study aims to compare the frontal lobe functions of PD patients with and without psychosis using the Frontal Assessment Battery (FAB). **Methodology:** This study included 69 patients with PD; 34 with psychosis (PD-P) and 35 without psychosis (PD-NP). Mini Mental Status Examination (MMSE) was used to screen for cognitive impairment. Unified Parkinson's disease Rating scale part-III (UPDRS-III) was used to measure the severity and Hoehn and Yahr score (H&Y) was used to measure the stage of PD. Frontal lobe functions were assessed by FAB. **Results:** The PD-P and PD-NP groups were comparable for age (58.7±8.4 vs 55.7±8.2, p=0.14), age at onset of symptoms (51.4±8.1 vs 50.0±8.8, p=0.48), gender distribution (men: 88%vs 80%, p=0.51), MMSE (28.2±1.9 vs 28.7±1.2 p=0.12), levodopa equivalent dose/day (736.0±376.3 vs 625.2±332.2, p=0.19), UPDRS-III OFF-score (36.7±8.8 vs 35.4±13.2, p=0.64), UPDRS-III ON-score (13.2±5.4 vs 12.4±6.6, p=0.44) and H&Y stage (2.3±0.3 vs 2.3±0.3, p=0.07). PD-P group had lower total FAB score compared to PD-NP group (13.9±2.2 vs 16.5±1.8, p<0.01). On the FAB, PD-P group had lower scores compared to PD-NP in lexical fluency (FAB-2), programming (FAB-3), sensitivity to interference (FAB-4) and inhibitory control (FAB-5). **Conclusion:** Patients with PD-P had significant frontal lobe dysfunction compared to PD-NP. FAB may be a simple and useful bedside tool to assess frontal dysfunction in patients with PD in a busy neurological set up.

69. Orofacial Involuntary Movements in Neurosyphilis: Beyond the Candy Sign.

Lenka A, Thota N, Stezin A, Pal PK, Yadav R.

Tremor Other Hyperkinet Mov (N Y) 2017, 7:499

Background: Involvement of the central nervous system in patients with syphilis (neurosyphilis) may result in several neuropsychiatric symptoms. Rarely, patients with neurosyphillis may develop movement disorders with different phenomenology. Subtle orofacial dyskinesias have been reported in patients with neurosyphilis, known as the candy sign. **Case Report:** We describe a patient with neurosyphilis who presented with severe orofacial involuntary movements. **Discussion:** Our patient had orofacial movements at presentation and severity of the movements was much higher than the candy sign that has been reported in patients with neurosyphilis. This report contributes towards the ever-expanding clinical spectrum of neurosyphilis.

70. Segmental polymethylmethacrylate-augmented fenestrated pedicle screw fixation for lumbar spondylolisthesis in patients with osteoporosis - A case series and review of literature.

Chandra VV, Prasad BC, Jagadeesh MA, Jayachandar V, Kumar SA, Kumar R.

Neurol India 2017;65(1):89-95.

Background: Instrumentation in patients with osteoporosis is challenging. Bone cement-augmented fenestrated pedicle screw fixation is a new procedure for fixation in osteoporotic bone. Very few studies related to this procedure are published in literature**. Aims:** To evaluate the clinical and radiological outcome of polymethylmethacrylate (PMMA)-augmented fenestrated pedicle screw fixation in patients with spondylolisthesis having significant osteoporosis. **Settings and Design:** This was a prospective, observational, single centre study. **Materials and Methods:** All the patients with lumbar spondylolisthesis and osteoporosis with symptomatic neural compression, managed surgically with PMMA-augmented fenestrated pedicle screws, were included in the study. Patients were evaluated preoperatively and postoperatively by means of Oswestry disability index (ODI), visual analog score (VAS); and, radiologically by plain radiography and computed tomography. **Statistical Analysis:** Wilcoxon nonparametric test for paired samples with a level of significance of 0.05 was performed. **Results:** A total of 25 patients of spondylolisthesis with osteoporosis (average T score of -3.0) were included in the study. The average age at presentation was 56.5 years. Females predominated with a female:male ratio of 3.16:1.Most of the patients had spondylolisthesis at the L4/L5 level followed by the L5/SI level. All the patients underwent spinal fusion with instrumentation and bone cement (PMMA)-augmentation through fenestrated cannulated pedicle screws. Preoperative and postoperative functional assessment done with VAS and ODI showed statistically significant improvement. All the patients had an evidence of bone fusion at follow-up. **Conclusion:** Fenestrated pedicle screw fixation with bone cement-augmentation in patients with lumbar spondylolisthesis and osteoporosis provided effective and lasting screw purchase

71. Differentiation of typical from atypical and malignant meningiomas using diffusion weighted magnetic resonance imaging.

Khaja Naseruddin VS, Vijaya lakshmi Devi B, Prasad BCM, Rukmangada N, Lakshmi AY

J Clin Sci Res 2017;6:80-8.

Background: Atypical and malignant meningiomas are associated with less favourable clinical outcome as they are more prone to recurrence and aggressive growth. Conventional magnetic resonance imaging (MRI) can reliably differentiate meningiomas from other extra-axial neoplasms, but grading of meningiomas as typical or atypical/malignant is not possible. Diffusion weighted MRI (DWMRI) has been used reliably for grading of gliomas. There are only few studies to investigate utility of DWMRI in grading of meningiomas. So we have planned in this study to investigate the utility of DWMRI parameters such as apparent diffusion coefficients (ADC) and normalized ADC (NADC) ratios in the preoperative characterization of meningiomas. **Methods:** Thirty patients with pathologically proven meningiomas [typical (n=25) atypical/malignant (n=5)] underwent MRI at 1.5 T. The signal intensity of lesions on DWI was evaluated. ADC values of lesion and NADC ratios from lesion and contralateral normal white matter were calculated. **Results:** The mean apparent diffusion constant (ADC) values (×10–3mm2/ s) were 0.92±0.2 and 0.66±0.08 in typical and atypical/malignant meningiomas respectively. The mean NADC ratios were 1.24±0.28 and 0.86±0.08 for typical and atypical/malignant meningiomas respectively. **Conclusions:** Atypical and malignant meningiomas have significantly lower ADC and NADC ratios compared to typical meningiomas

72. Interesting Skeletal Radiologic and Scintigraphic Outcomes and Their Logical Clinical Conclusions.

Ranadheer M, Tejonath G, Pathapati D, Prabhakar Rao VVS.

Indian J Nucl Med 2017;32(4):322–5.

Skeletal scintigraphy with 99mTc-methylene diphosphonate and 18-fluorine–fluoride the main stay in cancer follow-up for early detection of skeletal metastasis often reveal confusing and conflicting findings requiring proper interpretation in conjunction with clinical-radiological correlation. A series of commonly encountered findings are presented for elucidation.

73. Role of Samarium-153-ethylene diamine tetramethylene phosphonate radionuclide bone pain palliation in patients with metastatic bone disease.

Narayan R, Manthri RG, Thiruvengadaswamy K, Tyagi A, Kale PG, Kalawat T.

J Clin Sci Res 2017;6:89-94.

Background: Bone pain is the most common symptom in advanced stages of malignancy and requires multidisciplinary approach for its treatment. Localized sites of involvement can be treated with surgery or external beam radiation, whereas radiopharmaceuticals, hormones, and chemotherapy are used to treat more diffuse bone involvement. **Methods:** The present prospective study was undertaken to evaluate the efficacy of pain palliation achieved with samarium-153 (Sm-153) ethylene diamine tetra methylene phosphate (EDTMP) administration. During the period, June 2011 to June 2013, 30 patients with bone pain due to metastatic bone disease were treated with samarium-153 EDTMP. The patients were evaluated with visual analogue scale, Karnofsky performance score and analgesic score, before and after therapy, to assess extent of pain relief. **Results:** Twenty out of 30 patients (67%) showed response to Sm-153 EDTMP therapy. In this group of patients, statistically significant decrease in pain intensity and drug intake was noted along with improvement of quality of life, which persisted till three months after therapy. Mild myelotoxicity was noted in most patients. Only two patients developed Grade 3 myelotoxicity. **Conclusions:** Samarium-153 EDTMP is a safe, economical and well tolerated modality of treatment for patients with painful osteoblastic skeletal metastases and has a simple administration procedure. A single dose of Samarium-153 EDTMP provides good pain palliation lasting for several weeks

74. Atypical Parathyroid Adenoma with Multiple Brown Tumors as Initial Presentation: A Rare Entity.

Krishna Mohan VS, Narayan ML, Mukka A, Bachimanchi B, Chowhan AK, Devi BV, Vaikkakara S, Sachan A.

Indian J Nucl Med 2017;32:133-6.

Brown tumors seen in hyperparathyroidism are rare, non-neoplastic lesions because of abnormal bone metabolism, and they can mimic benign bone tumors or malignancy. Although biopsy is considered as the gold standard for diagnosis, it can be inconclusive. As the diagnosis of brown tumors is often challenging, a high index of suspicion is essential for diagnosis. We present a case of 21-year-old woman who presented with multiple painful bony lesions, which were initially misdiagnosed as fibrous dysplasia. Due to persistent bone pain and deterioration in her physical mobility, she was referred to tertiary care centre. After thorough clinical workup, she underwent Tc-99m methylene diphosphonate bone scintigraphy that raised strong clinical suspicion of hyperparathyroidism and brown tumors. Subsequently, Tc-99m-methoxy isobutyl isonitrile (MIBI) parathyroid scintigraphy revealed a solitary MIBI avid focal lesion, suggestive of left inferior parathyroid adenoma. Later parathyroidectomy was performed and histopathological examination confirmed it as atypical parathyroid adenoma.

75. Utility of hilson's perfusion index in the evaluation of suspected acute tubular necrosis.

Manthri RG, Shaik K M, Tek Chand K, Sivakumar V.

Indian J Transplant 2017;11:171-3.

Dynamic renal scintigraphy scores above other methods for evaluating grafts as it can demonstrate perfusion, function, and drainage pattern. A difficult scenario in evaluating delayed graft function is excluding rejection. Perfusion indices help in the diagnosis of delayed graft function and ruling out rejection. We report a case of renal transplant recipient presenting with delayed graft function. Renal scintigraphy was performed 2-day posttransplantation. Time-activity curves were obtained for 1st min images to evaluate the perfusion of graft and iliac artery. Normal perfusion index is considered as below 150. The results were suggestive of maintained perfusion, more

in favor of acute tubular necrosis. Hilson's perfusion index with appropriate modifications interpretation can rule out rejection.

76. Fetus papyraceus: a rare case report.

Jonna Malathi, M. Usha Brindhini, Poola Vanaja

Int J Contemp Med Res 2017;4(10):2064-5

Introduction: Fetus papyraceus is a rare condition which defines a mummified fetus occurring in multiple gestations where one fetus dies in utero and is incorperated between the uterine wall and the membranes of living fetus. Intrauterine fetal demise after eight weeks gestational age in a twin pregnancy, with retention of the fetus for more than 10 weeks will result in mechanical compression of the fetus, making it look like a parchment paper. Fetus papraceus is usually discovered among the placenta and membranes of its well-developed twin. **Case Report:** We present the case of 20 year old with monochorionic diamniotic twins, with one live and active fetus and other twin of fetus papyraceus at 16th week. Conclusion: Fetus papyraceus has direct effect on the surviving fetus and the mother. Serial ultrasound is to be done to follow the effects on the surviving fetus.

77. Prevalence of Psychological Stress in Allergic Rhinitis Patients Attending a Tertiary Care Hospital - A Cross Sectional Study.

Venkateswarlu V, Rachna Reddy B, Harihar Ch, Veena Kumari L

MRIMS J Health Sciences 2017;5(3):103-105.

Background: Allergic Rhinitis (AR) is a common disorder in patients attending Otorhinolaryngology (ENT) department. It has considerable impact on the life of affected individual. Many studies have linked certain psychological disorders to AR. **Objective:** To estimate the prevalence of psychological stress in AR patients and assess its relation to duration and severity of the disease. **Methods:** This is a cross-sectional study of AR patients attending ENT OPD during 6 months period. AR patients were diagnosed and classified as per ARIA guidelines. Then they were subjected to standard psychiatric interview and their psychological stress was measured using Perceived Stress Scale (PSS). **Results:** Of 1804 new patients attending ENT OPD, 58 were diagnosed as suffering from AR. Among them, 29 (50%) were found to have significant stress; 12(20.69%) have Anxiety Disorder and 3(5.17%) were found to have Depressive Disorder. Among AR patients, those with persistent moderate-severe type were found to have high prevalence rate which is statistically significant. There is no relation between intensity of symptoms and duration of illness to significant psychological stress in AR patients. **Conclusion:** Patients with AR have significant psychological stress which should not be overlooked during treatment. It may be related to inherent pathological factors like IgE level, psychological and social factors rather than intensity and duration of illness.

78. The effect of student centered pharmacology teaching in the form of clinical case scenario among M.B.B.S students

Francis Britto G, Subash KR.

Int J Basic Clin Pharmacol 2017;6(2):458-61.

Background: Pharmacology teaching by conventional method is by didactic lectures and practical sessions. To cultivate interest and motivate students towards self directed learning, the best tool in teaching learning methodology available is case based learning. Aims and objective of the study was to analyze the effectiveness and acceptance of case based learning (CBL) of pharmacology among M.B.B.S Students. **Methods:** The second year M.B.B.S Students of the academic year 2014 and 2015 were enrolled in the study. Clinical case scenario was formulated as modules based on the common clinical cases which the student observe and encounter in clinical postings in wards. The students were divided in to four groups, 30 in each group with one facilitator. Each module of case based learning was evaluated with pre test and post test. The student perception was recorded by a five point likert scale feedback questionnaire at the end of the study. **Results:** The post test scores in all modules revealed significant improvement in student's performance by CBL method when compared using "paired t test". Majority of the students preferred more CBL sessions for rest of the academic year. **Conclusions:** Students centred pharmacology teaching by CBL method creates self-directed learning environment to explore more for better understanding and application of the theoretical knowledge gained towards clinical practice.

79. Comparative study of Griseofulvin versus Terbinafine in treatment of TineaCorporis Patients.

Vijaya Chandra Reddy K, SomnathMotgi.

MRIMS J Health Sciences 2016;4(4):189-93

Background: Dermatophytosis is a superficial infection of keratinized tissue. It is the most common type of cutaneous fungal infection seen in human beings affecting skin, hair and nails. Tineacorporis is one of the most common clinical forms of dermatophytosis. **Objective:** To compare two oral antifungal drugs, Griseofulvin and Terbinafine in the treatment of Tineacorporis **Methods:** This is an open-label, randomized, parallel, comparative study which was carried out in 100. Patients with tineacorporis infection who attended the outpatient Department of Dermatology, Dr. PSIMS & RF, Chinaoutpalli, Krishna (Dist), between October 2009 and Aug 2011. This study was approved by the institutional Ethical Committee of Dr. PSIMS & RF. Written consent was taken from all the patients enrolled in the study. **Results:** tineacorporis in the present study was more common between 18-45 yrs of age group and it is more common in females. In the Griseofulvin group, I patient showed no clinical improvement, 13 showed partial improvement and 32 patients (69.57%) were completely cured. In the Terbinafine group, 5 patients showed partial improvement and 43 patients (89.58%) were completely cured by the end of 4th week. **Conclusion:** Terbinafine 250 mg tablet taken once daily for 2 weeks is more effective in complete cure (both clinical and mycological cure) and showed an early clinical response in treatment of tineacorporis compared to Griseofulvin 250 mg tablet taken twice daily for 4 weeks. There was no significant difference between the two drugs regarding tolerability. **Key words:** Griseofulvin, Terbinafine, TineaCorporis

80. Second year medical students' feedback on teaching-learning methodologies and evaluation methods in Pharmacology: a questionnaire based study

Vijaya Chandra Reddy Konda, Bhanu Prakash G, Subash KR, Umamaheswara Rao K.

Int J Basic ClinPharmacol 2017;6:1311-6.

Background: Pharmacology enables medical students with the art of rational prescriptions of drugs. It is one of the rapidly evolving subjects in medical sciences. The purpose of the study was to assess whether teaching-learning methodologies and evaluation methods are supporting the curriculum goals and what modifications can be made for the benefit of medical students. **Methods:** After approval by the Institutional Ethics Committee the study was carried out in January-February 2017. A total of 128 students of 2nd MBBS were administered a pre-validated questionnaire after explaining the purpose of the study. Descriptive statistics were used for analysis of data. Frequency was expressed as percentage. **Results:** A total response rate of 93.75% was observed. Most of the students mentioned cardiovascular system (20.8%) as the most interesting topic. 78.3% preferred teaching by use of combination of both audio-visual aids and chalk and board. Majority of the students rated practical classes as similar to theory (34.2%). 91.7% students mentioned that seminars are useful to them. 95% of students are interested in continuation of the integrated classes conducted at the end of each chapter. 98.3% of students for written tests and 90% for viva voce responded positively for the need of such periodic evaluation in addition to university prescribed evaluations. 95% students mentioned that field visits helps them in better understanding of pharmacology. **Conclusions:** The present study helped us to elicit student preferences regarding teaching and evaluation methods in pharmacology. Implementation of the same would be helpful for better outcome of students. **Keywords:** Curriculum, Integrated teaching, Feedback, Pharmacology, Seminars

81. Twelve-month prevalence and treatment gap for common mental disorders: Findings from a large-scale epidemiological survey in India.

Sagar R, Pattanayak RD, Chandrasekaran R, Chaudhury PK, Deswal BS, Lenin Singh R K, Malhotra S, Nizamie S H, Panchal BN, Sudhakar T P, Trivedi J K, Varghese M, Prasad J, Chatterji S.

Indian J Psychiatry 2017;59:46-55.

Background: Common mental disorders, such as mood, anxiety, and substance use disorders, are significant contributors to disability globally, including India. Available research is, however, limited by methodological issues and heterogeneities. **Aim:** The present paper focuses on the 12-month prevalence and 12-month treatment for anxiety, mood, and substance use disorders in India. **Materials and Methods:** As part of the World Health Organization World Mental Health (WMH) Survey Initiative, in India, the study was conducted at eleven sites.

However, the current study focuses on the household sample of 24,371 adults (=18 years) of eight districts of different states, covering rural and urban areas. Respondents were interviewed face-to-face using the WMH Composite International Diagnostic Interview after translation and country-specific adaptations. Diagnoses were generated as per the International Classification of Diseases, 10th edition, Diagnostic Criteria for Research. **Results:** Nearly 49.3% of the sample included males. The 12-month prevalence of common mental disorders was 5.52% - anxiety disorders (3.41%), mood disorders (1.44%), and substance use disorders (1.18%). Females had a relatively higher prevalence of anxiety and mood disorders, and lower prevalence of substance use disorders than males. The 12-month treatment for people with common mental disorders was 5.09% (range 1.66%–11.55% for individual disorders). The survey revealed a huge treatment gap of 95%, with only 5 out of 100 individuals with common mental disorders receiving any treatment over the past year. **Conclusion:** The survey provides valuable data to understand the mental health needs and treatment gaps in the Indian population. Despite the 12-month prevalence study being restricted to selected mental disorders, these estimates are likely to be conservative due to under-reporting or inadequate detection due to cultural factors.

82. A dosimetric comparision of IMRI versus 3D-C RT of chest wall in post Mastectomy breast cancer patients : A prospective study.

Jayasree Kuna, Pranabandhu Das, Jaganndha Rao Naidu KV, Swapna J, Sangeetha M, LAkshmi AY, Amit chowdary, Anusha kanakalla VL, Sreenivasa Rao B, Subramanyam BV.

Int J Sci Res 2017;6(9):27-9.

Back Ground: Evidence shows that intensity modulated radiotherapy (IMRT) leads to better dose Distribution than three dimensional conformal radiotherapy 3D – CRT for whole breast radiotherapy and for post mastectomy chest wall irradiation with internal mammary nodes. Data on the effect of IMRT of chest wall in post mastectomy breast cancer patients without internal mammary nodes IMN are scarce in literature **Methods and Material:** For 30 postmastectomy breast cancer patient, 7 field IMRT plan and tangential beam 3D – CRT plan were generated. The dose prescribed to PTV was 50 Gy in 25 fractions. The average values of the PTV parameters namely Dmean, H1, C2, D2, D50, D98 obtained by the two techniques (3D-CRT and IMRT) are compared. **Results:** On comparison, D95 (%) of PTV (3D-CRT47.26 Gy: IMRT 48.37 Gy ($p<0.01$), H1 and C1 were significantly improved with IMRT. In left chest wall irradiation, with IMRT V30 of heart was decreased from 23.31 % to 18.99% ($p=0.075$) and Dmean (14.05 Gy 3D-CRT,19.06 Gy IMRT) was increased ($p<0.01$), V5 of heart was increased from 6.55% (3D-CRT) to 92.35% (IMRT) ($p<0.001$). Ipsilateral lung Dmean (21.13 Gy 3D-CRT, 18.08 Gy IMRT, P=0.07) and V20 *38.22% 3D-CRT, 35.14% MRT p= 0.006) decreased with IMRT. Low dose volumes of lung is increased with IMRT. **Conclusions:** The benefit is marginal in sparing OAR in post mastectomy chest wall without IMN radiation Which is achieved at a cost of increase in low dose volumes of lungs and hear, IMRT can be used in situations where strict constraints to the heat and lungs are not satisfied.

83. The Importance of Comprehensive Surgical Staging Including Para aortic lymphnode dissection of presumed early stage epithelal ovarian cancer : A contemporary prospective evaluation

Naru RR, Narendra H, Rukmangadha N, Vijayalkshmidevi B.

J Gynecologic Surg 2017;33(5):184-8.,

Objective: It is the conventional belief that comprehensive staging of presumed early ovarian cancer results in upstaging of the disease in ~30% of patients. With the latest developments in modern technology and wider use of diagnostic imaging, the importance of such surgical staging needed prospective evaluation. **Materials and Methods:** This was a prospective cohort study. It was conducted in a tertiary cancer hospital over a period of 18 months, starting in June 2014. All willing women with clinically suspected early stage epithelial ovarian cancer, based on preoperative contrast-enhanced computerized tomography of the abdomen and pelvis and serum CA-125 levels, were included. At laparotomy, the diseased ovary was removed from each patient and sent for frozen-section confirmation for epithelial cancer. Patients with confirmation of epithelial cancer underwent comprehensive surgical staging, including systematic pelvic and para-aortic lymph node dissection (PAND) as prescribed by the International Federation of Gynecology and Obstetrics. **Results:** A total of 42 patients underwent complete surgical staging, of whom 4 were excluded at final analysis. On comprehensive staging, the disease was

upstaged in 8 (21%) patients: 4 had retroperitoneal nodal metastases (11%); 2 had paracolic peritoneal involvement (5%); and 2 patients had omental involvement (5%). A mean of 16 pelvic and 13.76 para-aortic nodes were removed. The para-aortic nodes were involved in 3 (75%) of the 4 patients with retroperitoneal nodal involvement. Of the parameters analyzed, no statistically significant factors were found that could have predicted the lymph nodal involvement. **Conclusions:** Comprehensive staging, including systematic PAND, is still the "gold standard" in the management of early stage ovarian cancer. (J GYNECOL SURG 33:184).

84. MRI in the Diagnosis and Pre-operative Classification of Perianal and Anal Fistulas.

BodagalaVijayalakshmidevi ,ChegireddySupraja, YootlaMutheeswaraiah , AY Lakshmi , SettipalliSarala , Kadiyala Silpa.

Int J Res Med. 2017; 6(1); 64-70.

Background: This study was conducted to assess the value of MRI in diagnosis and pre-operative staging of perianal and anal fistulas. **Materials and Methods:** Patients with perianal local pain and discharge were evaluated by pelvic MRI without any bowel preparation. Type of the fistula, location of the internal opening, presence or absence of secondary tracts, abscesses and a horseshoe component and supralevator extension were assessed. Cohen's Kappa coefficient is used to analyze the agreement between MRI and surgical findings. Diagnostic standard of reference in all cases was the surgical findings. **Result:** Type of fistula was identified by using the St James's University Hospital classification in 44 subjects with a mean of 38.9 years. The commonest type of ano-rectal fistula encountered in the study was Grade 1 seen in 37.5%. MRI showed sensitivity and specificity of 100% and 50% respectively in detecting internal opening, 100% and 93.33% respectively in detecting abscesses, 100% and 89.47% respectively in depicting secondary tracks, 85.71% and 100% respectively in detection of simple non branching tracks. MRI was 100% sensitive and specific in detecting horseshoe abscess and supralevator extensions. The concordance with surgery was 89.1%. Our results show that MRI findings were in substantial agreement (Cohen's Kappa coefficient of 0.67) with surgical findings. **Conclusion:** MRI is a valuable tool in pre-operative evaluation of the perianal and anal fistulas. It provides high resolution images of the anatomy of the anorectal region with delicate depiction of the fistulous tracts with their associated secondary ramifications and abscesses.

85. Applying blooms taxonomy in framing MCQs: An innovative method for formative assessment in medical students.

Kadiyala S, Gavini S, Kumar D S, Kiranmayi V, Rao PS.

J NTR Univ Health Sci 2017;6:86-91

Background: Assessment is a crucial step in the educational process and is the driving force behind learning. Formative assessment (FA) is a relatively new concept in assessment methods. By applying Blooms taxonomy (BT), which describes developmental progression for knowledge in FA, we can drive deeper learning. We were interested to know if by framing multiple choice questions (MCQ) using BT model and using it as a tool for FA will help to reinforce learning among first year MBBS students. **Materials and Methods:** All 150 MBBS students taking biochemistry classes were subjected to MCQ tests at the end of series of lectures and an internal exam (T3). MCQ s were framed by applying BT testing at all levels of cognition domain. Pearson's correlation coefficient of marks before and after the intervention was calculated. Mean scores were analyzed using students paired t-test. Feedback was analyzed for students' perception regarding the assessment method. **Results:** Comparison of mean scores in T3 with average of T1 and T2 showed P value of >0.0001. Only 28.7% students got <50% marks when assessed after FA as compared to 46% students before using FA. Analysis of students' perception indicated a high level of acceptability and motivation toward incorporation of formative assessment. **Conclusion:** Introduction of MCQs as a tool for formative assessment at the end of each lecture helps to reinforce learning in first year medical students. This study demonstrates the need for using the BT model, which tests knowledge at various levels of cognition in FA pattern.

86. Application of Society of Radiologists in Ultrasound recommendations for fine needle aspiration of thyroid nodules.

Agarwal P, Kadiyala S, Suresh V, Chowhan A, Lakshmi AY, Vijayalakshmi B.

J Clin Sci Res 2017;6:10-17.

Background: The Society of Radiologists in Ultrasound (SRU) recommendations on thyroid nodules are intended

to "diagnose thyroid cancers that have reached clinical significance,while avoiding unnecessary tests and surgery in patients with benign nodules." **Methods:** This prospective observational study was conducted on 193 consecutive patients undergoing ultrasonography (USG) guided thyroid FNA. Nodules were categorized as "SRU-positive"and "SRU-negative" based on USG features. The sensitivity and specificity of the SRU recommendations and of various US features for thyroid malignancy were calculated. Of 193 patients subjected to FNA, 83 patients of Bethesda class I,III,IV,V were excluded. Among 110 nodules subjected to FNA, 79 were SRU positive and 31were SRU negative. There were 24 malignancies in 110 FNA (22% malignancy prevelance). There was significant difference between the malignancy rates of SRU positive and negative groups (p=0.0192). The sensitivity, specificity, PPV, NPV of thyroid malignancy in our cohort was 91.6%, 33.7%, 27.8% and 93.5% respectively. **Conclusions**: The application of SRU recommendations reduces the number of benign nodules that undergo workup. Potentially missed malignancies in SRU negative nodules are less aggressive by histologic type and stage compared to SRU-positive malignancies

87. A Prospective Study Comparing Functional Imaging (18F-FDG PET) Versus Anatomical Imaging (Contrast Enhanced CT) in Dosimetric Planning for Non-small Cell Lung Cancer.

Prathipati A, Ranadheer M, Subramanian BV, Das P, Jilla S, Sangeetha M, AnithaKumari J, Sarala S, Kottu R, Kalawat TC, Jagannath Rao Naidu KV.

Asia Ocean J Nucl Med Biol. 2017; 5(2): 75-84.

Objective(s): 18F-fluorodeoxyglucose positron emission tomography/computed tomography (18F-FDG PET-CT) is a well-used and established technique for lung cancer staging. Radiation therapy requires accurate target volume delineation, which is difficult in most cases due to coexisting atelectasis. The present study was performed to compare the 18F-FDG PET-CT with contrast enhanced computed tomography (CECT) in target volume delineation and investigate their impacts on radiotherapy planning. **Methods:** Eighteen patients were subjected to 18F- FDG PET-CT and CECT in the same position. Subsequently, the target volumes were separately delineated on both image sets. In addition, the normal organ doses were compared and evaluated. **Results:** The comparison of the primary gross tumour volume (GTV) between the 18F-FDG PET-CT and CECT imaging revealed that 88.9% (16/18) of the patients had a quantitative change on the 18F-FDG PET-CT. Out of these patients, 77% (14/18) of the cases had a decrease in volume, while 11% (2/18) of them had an increase in volume on the 18F-FDG PET-CT. Additionally, 44.4% (8/18) of the patients showed a decrease by > 50 cm3 on the 18F-FDG PET-CT. The comparison of the GTV lymph node between the 18F-FDG PET-CT and CECT revealed that the volume changed in 89% (16/18) of the patients: it decreased and increased in 50% (9/18) and 39% (7/18) on the 18F-FDG PET-CT. New nodes were identified in 27% (5/18) of the patients on the 18F-FDG PET-CT. The decrease in the GTV lymph node on the 18F-FDG PET-CT was statistically significant. The decreased target volumes made radiotherapy planning easier with improved sparing of normal tissues Conclusion: GTV may either increase or decrease with the 18F-FDG PET-CT, compared to the CECT. However, the 18F-FDG PET-CT-based contouring facilitates the accurate delineation of tumour volumes, especially at margins, and detection of new lymph node volumes. The non-FDG avid nodes can be omitted to avoid elective nodal irradiation, which can spare the organs at risk and improve accurate staging and treatment.

88. Radiobiological qualitative evaluation of high dose rate intracavitary brachytherapy for gynecological cancers.

Pranabandhu Das, Manimaran S.

Int J Sci Res 2017;6(8):449-51.

The purpose of this study is to evaluate quality of high dose rate (HDR) intracavitary brachytherapy by adopting figure of merit (FOM) concept. The data of twenty patient's dose to the critical organ was evaluated; an ideal intracavitary application must have FOM value close to ten. FOM value higher or lower than ten correspond to treatments, which overall are likely to greater or lesser than reference. a graph has been plotted to extract abnormal values. FOM values are evaluated for all patients, we found all scored below tolerance value, but two patients scored more than tolerance value for rectum, in case of bladder one patient scored greater value

89. A Comparative Analysis of Two Different Dose Fractionation Regimens of High Dose Rate Intracavitary Brachytherapy in Treatment of Carcinoma of Uterine Cervix: A Prospective Randomized Study

Rao BS, Das P, Subramanian BV, Jena A, Rashmi P, Konakalla VLA, Jayasree K

J Clin Diagn Res 2017;11(4):6-10.

Introduction: High Dose Rate (HDR) intracavitary brachytherapy is an integral component in treatment of carcinoma uterine cervix. There is no consensus about optimal fractionation in HDR brachytherapy. **Aim:** To assess the feasibility, tolerability of high dose rate intracavitary brachytherapy schedule of 8 Gy per fraction per week for 3 fractions over 6Gy per fraction per week for 4 fractions with or without chemotherapy in the treatment of carcinoma of uterine cervix. **Materials and Methods:** From 2013 to 2014 total 80 patients with carcinoma of the uterine cervix (Stages IIB and IIIB) were treated with External Beam Radiotherapy (EBRT) and High Dose Rate Intracavitary Brachytherapy (HDR-ICBT). During course of EBRT, those patients fit for brachytherapy were randomized to arm A- 6 Gy per fraction per week for 4 fractions and arm B - 8 Gy per fraction per week for 3 fractions. **Results:** The median follow up was 30 months, local control was 90% in Arm A and 83.3% in Arm B (p= 0.21) and the disease-free survival was 90% in Arm A and 83.3 % in Arm B (p= 0.39). There is no significance difference for late rectal and bladder toxicities between two arms (p=0.43). **Conclusion:** Taking into account of increased hospital burden of locally advanced cancer cervix patients in Indian context, high dose rate intracavitary brachytherapy schedule of 8 Gy per fraction per week x 3 fractions is the preferable option over 6 Gy per fraction per week x 4 fractions with regard to comparable loco-regional control, acute and late toxicity, disease free survival and better patients compliance to lesser fractionation schedule.

90. Dosimetric comparison of IMRT versus 3D-CRT of chest wall in post-mastectomy breast cancer patients: A Prospective Study.

Kuna J, Das P, Naidu KVJ, Jilla S, Mani S, Lakshmi AY, Chowhan AK, Konakalla VLA, Sreenivas Rao B, Subramanian BV

Int J Sci Res 2017;6(9):98-100.

Background: Evidence shows that Intensity modulated radiotherapy (IMRT) leads to better dose distribution than Three dimensional conformal radiotherapy 3DCRT for whole breast radiotherapy and for post mastectomy chest wall irradiation with internal mammary nodes . Data on the effect of IMRT of chest wall in post mastectomy breast cancer patients without internal mammary nodes IMN are scarce in literature. **Methods and Material:** For 30 Postmastectomy breast cancer patients, 7 field IMRT plan and tangential beam 3D-CRT plan were generated. The dose prescribed to PTV was 50 Gy in 25 fractions. The average values of the PTV parameters namely Dmean, HI, CI, D2, D50, D98 obtained by the two techniques (3DCRT and IMRT) are compared. **Results:** On comparison, D95(%) of PTV (3D-CRT 47.26 Gy; IMRT 48.37 Gy ($p<0.01$), HI and CI were significantly improved with IMRT. In Left chest wall irradiation, with IMRT V30 of heart was decreased from 23.31% to 18.99% (p=0.075) and Dmean (14.05Gy 3D-CRT, 19.06Gy IMRT) was increased ($p<0.01$). V5 of heart was increased from 6.55% (3D-CRT) to 92.35% (IMRT) ($p<0.001$). Ipsilateral lung Dmean (21.13Gy 3D-CRT, 18.08Gy IMRT, p=0.07) and V20 (38.22% 3D-CRT, 35.14% IMRT p=0.006) decreased with IMRT. Low dose volumes of lung is increased with IMRT. **Conclusions:** The benefit is marginal in sparing OAR in post mastectomy chest wall without IMN radiation, which is achieved at a cost of increase in low dose volumes of lungs and heart. IMRT can be used in situations where strict constraints to the heart and lungs are not satisfied.

91. Colonic Carcinoma Presenting with Axillary Lymphadenopathy-A Very Rare Clinical Entity.

Reddy RR, Das P, Rukmangadha N, Manilal B, Kalawat TC, Lakshmi AY

Int J Scienc Research.2017;6(8):112-4.

The most common sites of colon cancer metastasis are regional lymph nodes, liver and lungs. Axillary lymph node metastasis from colon cancer is an extremely rare clinical event being encountered in oncology practice. This scarcity of reports in English literature is therefore poses challenges in understanding its pathogenesis and thus hinders in implementation of appropriate management. We present here a case of right sided colonc carcinoma in a middle aged male patient presented with left sided axillary lymphadenopathy. FNAC showed metastatic adenocarcinomatous deposits. Following ultrasonography of abdomen and later colonoscopy guided biopsy of

polypoidal growth at right hepatic flexure of colon was confirmed as signet ring cell carcinoma of colon. Patient underwent palliative hemicolectomy and was offered palliative chemotherapy and was treated later with palliative radiotherapy to the painful left axillary and supraclavicular swelling. He had achieved symptomatic relief from pain and tightness after radiotherapy and advised supportive and symptomatic care at home.

92. Malignant acrospiroma of chest wall

Ravikrishna M, Das P, Rukmangadha N, Jena A, Subramanian BV.

J Clin Sci Res 2017;6:187-9.

Malignant acrospiroma occurs very rarely and is found more commonly over face and extremities. We present the case of malignant acrospiroma of chest wall located behind the posterior axillary fold in subcutaneous plane without any axillary lymphadenopathy. Wide local excision of the mass was done which recurred in axillary lymph node after two months of default by the patient for adjuvant treatment. Patient had undergone right axillary lymph node dissection.The patient had then undergone adjuvant radiotherapy to the chest wall and right axillary region and is now completely free of disease two years after treatment.

93. A prospective study of comparison between concomitant boost radiotherapy and conventional fractionated radiation in treatment of laryngeal cancer in a tertiary care institute of east India.

Pranabandhu Das, SanjuktaPadhi, SurendraNathSenapati, Amit Kumar Chowhan.

Int J Sci Res (Ahmedabad) 2017;6:41-4

Background: The increasing incidence of laryngeal cancer is of greater concern because of its potential impact on interpersonal communication skills. Various radiotherapy fractionation regimens are in practice to improve control of disease. Concomitant boost radiotherapy which is a type of modified hyperfractionation regimen has been perceived to provide better control over conventional schedule. This Present study was conducted to analyse the effectiveness and superiority of concomitant boost radiotherapy over conventional fractionated radiotherapy in treatment of carcinoma larynx. **Materials and Method:** Patients with histologically proven squamous cell carcinoma of the larynx in Stage I - IV without distant metastasis were randomly allocated into two arms;Control Arm-A (n=26): conventional external beam radiotherapy (EBRT) of dose 60 Gy in 30#, 2Gy per fraction, 5# per week for 6 weeks. Study Arm-B (n=24): Conventional EBRT of dose 60 Gy/ 6 weeks + concomitant boost radiation of dose 1.2 Gy/#, 5# / week × 2 weeks during last 2 weeks of the 6 weeks period with total dose of 72 Gy. The two arms were then compared in terms of complete response, locoregional control, disease free survival, acute and chronic radiation induced toxicity with a median follow up period of 24 months. **Results:** Complete response seen in the study was 84% vs. 68%, the locoregional control after a median follow up of 24 months was 68% vs. 44% and the 2 year DFS was 67 % vs 43% in study arm-B versus control arm-A respectively. Acute toxicity including mucositis, dysphagia, dermatitis were increased but tolerable in the study arm but the significant late morbidity like persistent laryngeal edema was comparable in both arms. **Conclusions:** The response to radiotherapy, locoregional control, 2 year DFS of concomittant boost EBRT is better than conventional EBRT in carcinoma of larynx with acceptable local toxicities. Further analysis and follow-up are needed to evaluate if the benefit will translate into prolonged survival

94. Addition of Braun enteroenterostomy to standard reconstruction in pancreaticcoduodenectomy: impact on early outcomes.

Venkatarami Reddy V, Sivarama Krishna G, Chandramaliteeswaran C, Dinakar Reddy A, Brahmeshwara Rao Musunuru, Sarala Settipalli.

Int Surg J 2017;4(10):3414-8

Background: Morbidity following Pancreaticoduodenectomy still remains high. Few studies have shown decrease in morbidity with the addition of Braun Enteroenterostomy (BEE). Aim of the present study was to determine any possible benefit with addition of BE to the standard reconstruction after pancreaticoduodenectomy. **Methods:** In this prospective randomized controlled study, all patients who underwent Pancreaticoduodenectomy from June 2012 to July 2016 were included. They were randomized to undergo either standard reconstruction (Group A) or with addition of Braun Enteroenterostomy to standard reconstruction (Group B). Outcomes were compared between 2 groups and the results were analyzed. P value of <0.05 was considered significant. **Results:** 104 patients were included

in the study. Group A included 56 patients who underwent standard reconstruction and Group B had 48 patients who had addition of BEE to standard reconstruction. The demographic profile, tumour characteristics, and biochemical profile were similar in 2 groups. Mean operating time and Intra operative blood loss were similar. The incidence of pancreatic fistula (POPF) did not differ significantly in 2 groups (14/56, 25% in group A versus 8/48, 16.6% in group B; p = 0.42). The incidence of Delayed Gastric Emptying (DGE) was not statistically different in 2 groups (20/56, 35.7% in group A versus 12/48, 25% in group B; p=0.77). Infection rates were similar in two groups. Mean hospital stay was similar in both groups (11.2 days versus 10.7 days; p=0.68). **Conclusions:** The outcomes of patients after pancreaticoduodenectomy were not altered by addition of Braun Enteroenterostomy to standard reconstruction.

95. Drain fluid amylase in defining clinically relevant postoperative pancreatic fistula following pancreaticoduodenectomy: day 5 is better than day 3.

Venkatarami Reddy V, Sivarama Krishna G, Chandramaliteeswaran C, Dinakar Reddy A, Varun Dasari, Sarala Settipalli.

Int Surg J 2017;4(12):4058-61.

Background: Postoperative pancreatic fistula (POPF) remains the most serious complication of Pancreaticoduodenectomy. ISGPF defined POPF in 2005 based on drain fluid amylase on or after day 3 and graded the severity. But as Grade A fistulas are not clinically relevant, most of the clinicians do not consider them as POPF. Hence exact incidence of POPF is not known. Our aim is to see weather drain fluid amylase on or after day 5 can define clinically relevant POPF better than day 3. **Methods:** Prospective study included all patients who underwent Pancreaticoduodenectomy during the period January 2013 to November 2016. Serum and Drain fluid amylase were analyzed on Day 3. Those who met criteria of POPF underwent repeat amylase on Day 5. These patients were divided into 2 groups. Group A includes patients whose Day 5 amylase normalized and Group B where elevated Amylase persisted. Outcomes were compared in 2 Groups in terms of clinically relevant POPF (CRF), DGE, Haemorrhage (PPH), hospital stay and 30 Days mortality. Results were analysed and p value <0.05 was considered significant. **Results:** On 110 patients, 44 (40%) met ISGPF criteria of POPF. Of 44, 36 (82%) had normalized Amylase on Day 5 (Group A). Only 8 (18%) had persistent elevated amylase (Group B). None in Group A had CRF, whereas in Group B, 6(75%) had CRF and 2(25%) had only biochemical leak (p<0.0001). DGE was significantly higher in Group B (87.5% vs. 33.3%; p=0.013). PPH was seen in only 1 patient (Group A). Duration of hospital stay and 30day mortality were similar. **Conclusions:** Drain fluid amylase levels on or after Day 5 defines clinically relevant POPF better than levels on or after day 3.

96. End-to-End (double stapled) versus End-to-Side (triple stapled) colorectal anastomosis following anterior resection for rectal cancer

Venkatarami Reddy V, Sivarama Krishna G, Chandramaliteeswaran C, Sarala Settipalli.

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End to End (Double stapled) Versus End to Side (Triple Stapled) Colorectal Anastomosis Following Anterior Resection for Rectal Cancer. Introduction: Sphincter saving Procedures for mid and low rectal cancers is made possible with the use of Double stapling (DS) technique. Most important complication is anastomotic leak, which depends on the technique of anastomosis apart from other factors. Our aim is to compare early outcomes between End – to – End (Double Stapled) and End – to – Side (Triple stapled) anastomosis following Anterior resection (AR).Methods: All patients who underwent AR/LAR for rectal cancer during the period July 2014 to December 2016 were included. Following resection, patients were randomized to either End – to – End (EEA) or End – to – Side (ESA) anastomosis. Intra operative factors, and early postoperative outcomes were compared between two groups. P Value <0.05 was considered significant. Results:73 patients were randomized. 32 underwent EEA and 41 ESA. Demographic characteristics, nutritional status, BMI, preoperative chemoradiation, operative time, level of anastomosis and incidence of Ileostomy were comparable. Doughnut integrity was maintained better in ESA group (87.8% vs. 65.6%; p=0.0438). Air leak test was positive in 7(21.87%) in EEA group and 2 (4.87%) in ESA group (p=0.0335).Postoperative leak was seen in 2 (6.25%) in EEA group and 2 (4.87%) in ESA group (p=1.00). All leak patients underwent reexploration and loop ileostomy. Conclusion: End-to-side (triple stapled) anastomosis is easier to perform with better doughnut integrity with similar post operative leak rates.

97. Partial Stapled Versus Total Stapled Ileocolic Anastomosis in Right Hemicolectomy: A Randomized Control Study

Venkatarami Reddy V, Sivarama Krishna G, Chandramaliteeswaran C, Dinakar Reddy A, Sarala Settipalli.

Int J Sci Res 2017;6(12): 257-9.

Introduction: Functional end to end anastomosis (FEAA) is a commonly used anastomotic technique using staplers in right Hemicolectomy (RH). It can be done in two ways either partially stapled or totally stapled technique. Our study aims at comparing the outcomes between two techniques of performing FEAA. **Materials & Methods:** All patients who were planned for RH during Jan 2011-Dec 2014 were included. After mobilising right colon, they were randomized to either partially stapled (transecting ileum and transverse colon with linear stapler and hand sewn side to side anastomosis) (group A) or a standard totally stapled anastomosis (group B). Outcomes were compared between two groups in terms of operative time, blood loss, resumption of orals, anastomotic leak, surgical site infection and mortality. Ap value of <0.05 was considered significant. **Results:** 104 patients were randomized. 49 underwent partial and 55 underwent total stapled anastomosis. Demographic characteristics, nutritional status, BMI, pathology, emergency/elective surgery were comparable. Operative time was significantly less in total stapled group (123vs.94 mins; $p<0.0001$). Resumption of orals were earlier in total stapled group (4.25 vs. 3.5 days; $p<0.05$). Anastomotic leak, surgical site infection and mortality were similar. Mean Hospital stay was less in total stapled group (7.8 vs. 6.4 days, $p<0.01$). **Conclusion:** Functional end to end anastomosis (FEEA) using Total stapled anastomosis is a safe anastomotic technique both in elective and emergency setting with shorter operative time, early oral resumption and reduced hospital stay.

98. Management of Pancreatic trauma: A less aggressive approach is safe.

Anna Reddy D, Venkatarami Reddy V, Sivaramakrishna G, Chandramaliteeswaran C, Brahmeswara Rao M.

Int J Sci Res 2017;6(12):235-7.

Background: Pancreatic injuries are associated with high morbidity and mortality. Diagnosis is often delayed and management is controversial. Standard practice is observation for injuries not involving main pancreatic duct (MPD) and early intervention for injuries involving MPD. **Aim:** To study the outcomes of a less aggressive approach in management of pancreatic trauma **Methods:** All cases of abdominal trauma with pancreatic injury from January 2013 to December 2014 were retrospectively assessed. Demographic data, imaging features, intraoperative findings and perioperative outcomes were noted. **Results:** 28 patients with pancreatic injury were managed during the study period. 18 had AAST Grade 1 and 2 injuries, and were managed conservatively. 10 had Grade 3 and 4 injuries, of which 6 were found to have Grade III pancreatic injury and underwent distal pancreatectomy (2 had distal pancreatectomy with splenectomy and 4 had spleen preserving distal pancreatectomy). 4 patients with Grade IV pancreatic injury with localized collection were managed with ultrasound guided pigtail catheter drainage. They formed a pancreatic fistula, and were treated after 6 weeks by Roux-en-Y fistulojejunostomy. 2 patients with small peripancreatic collections were observed initially. They developed pancreatic pseudocyst, which was managed by cystogastrostomy. All patients had an uneventful postoperative period and are on regular follow up. **Conclusion:** Grade 1 and 2 injuries are successfully managed conservatively. Grade 3 and Grade 4 injuries can be initially managed nonsurgically with minimal morbidity and mortality, and late sequelae can be managed electively avoiding major surgeries in an emergency setting.

99. Hepatoid adenocarcinoma of stomach: a morphological curiosity

Gavini S, Kadiyala S, Patnayak R, Reddy VV.

J Clin Sci Res 2017;6:38-41.

Hepatoid adenocarcinoma is a rare histological form of gastric cancer with a poor prognosis. We describe a 53-year-old woman who presented to the surgical gastroenterology outpatient department with a history of abdominal pain, vomiting and loss of appetite for one month. Laboratory investigations revealed anaemia (haemoglobin 5.6 g/dL). On gastrointestinal endoscopy, an ulceroproliferative growth was seen in the pylorus with gastric outlet obstruction.Endoscopic biopsy was suggestive of a well differentiated adenocarcinoma. Computed tomography of abdomen revealed irregular circumferential thickening of pylorus with perigastric and common hepatic nodes without distant metastasis. Patient

underwent radical subtotal gastrectomy. The final histopathology was reported as hepatoid adenocarcinoma.Further immunohistochemistry with alpha-foetoprotein showed intense cytoplasmic positivity. She was treated with adjuvant Macdonald regimen. She developed liver metastasis eight months after surgery and received. Palliative chemotherapy. She died 13 months after surgery. Our experience and previous reports suggest that hepatoid adenocarcinoma is an aggressive cancer. Radical surgery and chemotherapy still remain the main stay of treatment.

100. Dysgerminoma in Swayer Syndrome: A Rare Case Report and Review of the Literature.

Naru RR, Hulikal N, Bhumireddy S, Vemula VVL, Kottu R.

J Gynecol Surg 2017;33:160-3.

Background: Swyer syndrome is a pure gonadal dysgenesis associated with a 46,XY karyotype and primary amenorrhea in phenotypic females. They have normal female external genitalia and underdeveloped female internal genitalia. Such patients usually present with primary amenorrhea and delayed puberty but can also have gonadal tumors as adults. The exact incidence is unknown. The syndrome has been estimated to occur in 1 in 80,000 births. **Case:** A 16-year-old female with Swyer syndrome, associated with a stage IA gonadal dysgerminoma, sought assistance for primary amenorrhea. A physical examination revealed that her tumor was at Tanner stage II with respect to her breasts and pubic hair. She had an eutrophic vagina, an age-appropriate uterus, and a small cervix. She had elevated luteinizing hormone and follicular stimulating hormone levels. Her karyotype was 46,XY. Imaging (ultrasound and magnetic resonance imaging of her pelvis) revealed a left adnexal tumor. A staging laparotomy with uterus preservation (fertility preservation) for possible fertility was performed. She was kept on hormonal replacement postoperatively. **Results:** The left gonadal tumor was 7.5?×?5.5?×?3?cm, with a gray-brown, shiny lumpy surface. Multiple gray-white nodules were noted. The final histopathologic report indicated that the tumor was a stage IA dysgerminoma. **Conclusions:** In an adolescent patient with primary amenorrhea, hormonal analysis, karyotyping, imaging of gonads, and appropriate surgical management are recommended in view of the increased malignancy risk in patients with Swyer syndrome. (J GYNECOL SURG 33:160).

101. The Importance of Comprehensive Surgical Staging Including Para-Aaortic Lymph Node Dissection of Presumed Early Stage Epithelial Ovarian Cancer: A Contemporary Prospective Evaluation.

Reddy NR, Hulikal N, Nandyal R, Bodagala V

J Gynecol Surg. 2017; 33:184-8.

Objective: It is the conventional belief that comprehensive staging of presumed early ovarian cancer results in upstaging of the disease in ~30% of patients. With the latest developments in modern technology and wider use of diagnostic imaging, the importance of such surgical staging needed prospective evaluation. **Materials and Methods:** This was a prospective cohort study. It was conducted in a tertiary cancer hospital over a period of 18 months, starting in June 2014. All willing women with clinically suspected early stage epithelial ovarian cancer, based on preoperative contrast-enhanced computerized tomography of the abdomen and pelvis and serum CA-125 levels, were included. At laparotomy, the diseased ovary was removed from each patient and sent for frozen-section confirmation for epithelial cancer. Patients with confirmation of epithelial cancer underwent comprehensive surgical staging, including systematic pelvic and para-aortic lymph node dissection (PAND) as prescribed by the International Federation of Gynecology and Obstetrics. **Results:** A total of 42 patients underwent complete surgical staging, of whom 4 were excluded at final analysis. On comprehensive staging, the disease was upstaged in 8 (21%) patients: 4 had retroperitoneal nodal metastases (11%); 2 had paracolic peritoneal involvement (5%); and 2 patients had omental involvement (5%). A mean of 16 pelvic and 13.76 para-aortic nodes were removed. The para-aortic nodes were involved in 3 (75%) of the 4 patients with retroperitoneal nodal involvement. Of the parameters analyzed, no statistically significant factors were found that could have predicted the lymph nodal involvement. **Conclusions:** Comprehensive staging, including systematic PAND, is still the “gold standard” in the management of early stage ovarian cancer. (J GYNECOL SURG 33:184).

102. Bone marrow biopsy versus 18 F –FDG PET/CT for the evaluation of bone marrow in lymphoma – a single institutional study.

Bhargavi D, Manilal B, Kalawat TC, Radhika K, Sampath VV.

Int J Med Health Sci 2017; 6:40-5.

Background: Bone marrow involvement in lymphoma indicates stage IV disease and may affect both treatment and prognosis. **Aim and Objective:**The aim of the present study was to compare 18 F 2-fluoro-2-deoxy-glucose (FDG) positron emission tomography/computered tomography (PET/CT) with bone marrow biopsy (BMB) in the initial evaluation of bone marrow (BM) involvement in lymphoma (HL&NHL) patients. **Material and Methods:**Patients with biopsy confirmed newly diagnosed lymphoma, during the period between May 2013 and December 2014 were included. The sensitivity, specificity, positive predictive value and negative predictive value of PET/CT was calculated and compared with bone marrow biopsy. **Results:**Out of the 60 patients 18 were diagnosed with Hodgkin's lymphoma and 42 with Non-Hodgkin's lymphoma. The sensitivity, specificity, positive predictive value and negative predictive value of PET/CT in Hodgkin lymphoma was 100%, 58.82%, 12.5%, 100% respectively. The sensitivity, specificity, positive predictive value and negative predictive value of PET/CT in Non-Hodgkin lymphoma was 90.91%, 77.42%, 58.82%, 96% respectively. **Conclusion:**18F FDG/PET had high sensitivity in detecting bone marrow involvement in Hodgkin's lymphoma than in non-Hodgkin's lymphoma. In Hodgkin's lymphoma it could replace blind iliac crest BMB. In Non-Hodgkin's lymphoma it plays a complimentary role with BMB in the staging.

103. Primary Large Cell Neuroendocrine Carcinoma of the Ovary: A Case Report and Review of the Literature.

Reddy NR, Laxmi VVV, Harsha H, AK Chowhan, Hulikal N.

Clin Oncol 2017; 2:1303

Objective: The Neuroendocrine Carcinoma (NEC) of ovary is a rare and aggressive tumor with tendency to present at advanced stage. The prognosis is poor even when diagnosed early. Till date only 7 cases have been published in literature. Recently we managed a case which we want to report. **Case Report:** We report a 58-year-old lady with a history of hysterectomy for dysfunctional uterine bleeding 12 years back presenting with bilateral primary large cell NEC of ovary with omental and intestinal metastasis for which optimal surgical debulking was done. Conclusion: Primary NEC of ovary is a rare tumor which is managed similar to epithelial malignancies, but the outcome is poor.

104. Primary retrosternal goiter mimicking as teratoma of anterior mediastinum: A diagnostic enigma.

Naru RR, Banoth M, Inamdar MB, Prayaga AK.

Clin Cancer Investig J 2017;6:190-3

Primary intrathoracic goiters arising from aberrant thyroid tissue are rare, representing <1% of all retrosternal goiters (RGs). We report a rare case of primary RG in a male patient with symptoms of mediastinal mass lesion alone. By careful examination and with the help of radiological imaging, we could pick up a thyroid swelling with a mediastinal mass which led to a diagnostic dilemma, as the thyroid swelling was reported as a multinodular goiter and the mediastinal mass was misdiagnosed as teratoma. We subjected the patient to a functional imaging with a thyroid scintigraphy, which revealed a thyroid swelling with retrosternal extension that was managed by surgery (total thyroidectomy and mediastinal mass excision) with only a Kocher's neck crease incision.

105. Familial Swyer syndrome: a rare genetic entity.

Banoth M, Naru RR, Inamdar MB, Chowhan AK.

Gynecol Endocrinol 2017;26:1-5

Swyer syndrome is a pure gonadal dysgenesis associated with a 46 XY karyotype and primary amenorrhea in a phenotypic female. Individuals in this syndrome are at an increased risk for development of gonadal malignancies. Swyer syndrome (gonadal dysgenesis) running in families is rare event and few such scenarios were reported in the literature. Here we are presenting this rare entity involving three affected siblings born to a non-consanguineous couple. Index case - A 23-year-old female with primary amenorrhea is presented with a mass per abdomen. The clinical findings and laboratory investigations revealed hypergonadotropic hypogonadism picture and, imaging revealed a left ovarian tumor. Primary surgical debulking of ovarian cancer was done, histopathology of which

revealed a dysgerminoma FIGO stage IIIC. The family history of the patient revealed a similar pattern as the elder sister had primary amenorrhea and had succumbed to ovarian cancer and the younger sister also has primary amenorrhea. Karyotype of all the three patients revealed a male genotype with a female phenotype. The early diagnosis of the patients with Swyer syndrome is very important because of the increased risk for the development of malignancy. This is a rare event to have two sisters with ovarian cancers in three siblings affected with familial gonadal dysgenesis syndrome each of them having a different genotype and first of its kind to ever be reported in literature.

106. Thyroid in Ovary! The Consequence in a Case of Mucinous Cystadenocarcinoma Ovary.

Ramana Reddy Naru, Manilal Banoth, Venkata Vijaya Lakshmi Vemula, Chakrapani Spoorthy Rekha Yeddula.

Ind J Gynecol Oncol 2017;15:13.

Purpose: Malignancy in struma ovarii is an exceptionally rare form of ovarian tumor with incidence of 0.1–0.3% of all ovarian teratomas. There is no definitive consensus on appropriate management of these cases. The prognosis of thyroid-type carcinoma arising in struma ovarii is difficult to estimate due to its rarity and the absence of consensus in treatment. **Methods:** We present a case of 60-year-old female who presented with abdominal mass; on evaluation, ovarian malignancy was suspected. Intraoperatively bilateral ovarian mass was found. The same was removed and sent for frozen section which revealed malignant struma ovarii with coexistent borderline mucinous cystadenoma and mucinous cystadenocarcinoma of contra lateral ovary. **Discussion:** Majority of the struma ovarii cases are found incidentally, so clinical data are retrospective. There are no imaging-specific features to diagnose struma ovarii. Confirmation of the diagnosis is made only by the histopathological findings of the tumor and immunohistochemistry. **Conclusions:** Diagnosis of struma ovarii preoperatively is difficult. Surgical removal of the ovarian mass remains the main treatment; however, the management after initial surgery is still controversial. The initial surgical options are similar to that of epithelial ovarian malignancy which include fertility preserving or complete surgical staging. The further management depends on size of malignant component (in early stage), disease outside struma ovarii and histologic high-risk features. After risk stratification, the adjuvant treatment options include close follow-up in low-risk patients or total thyroidectomy with radioactive iodine ablation in high-risk patients. Further studies are required to standardize the guidelines in malignant struma ovarii cases. Long-term follow-up is recommended in all cases.

107. Effect of grey zone sample testing of transfusion transmissible Infections diseases on safety of blood experience of a tertiary care referral teaching hospital blood bank from South India.

Anitha M, Sreedhar Babu K.V, Praveen MD, Sri Ranjitha TVN.

Int J Res Med Sci.2017; 5:3438-42.

Background: Grey zone samples with optical density (OD) lying between cut-off OD and 10% below the cut-off OD (cut-off OD × 0.9) were identified during routine transfusion transmissible infectious disease (TTIs) screening. Enzyme-linked immunosorbent assay (ELISA) used for this purpose can sometimes fail to detect blood donors who are recently infected or possessing the low viremia. Estimation of a grey zone in ELISA testing and repeat testing of grey zone samples can further help in reducing the risks of TTI in countries where nucleic acid amplification testing for TTIs is not feasible. **Methods**: On performing repeat ELISA testing on grey zone samples in duplicate, the samples showing both OD values below grey zone were marked nonreactive, and samples showing one or both OD value in the grey zone were marked indeterminate. The samples on repeat testing showing one or both OD above cut-off value were labelled reactive. **Results:** Of the 21,908 blood donors screened during the study period, a total of 144 blood donors were found to be in grey zone. On repeat testing of these grey zone samples, 35 (24.30%) were found to be reactive for TTIs. **Conclusions:** Estimation of grey zone samples with repeat testing can further enhance the safety of blood transfusion in resource poor developing nations where more sophisticated and sensitive methods such as nucleic acid amplification test (NAT) is not available in all the blood banks.

108. Analysis of reasons for blood donor deferral at the blood bank of a tertiary care referral teaching hospital in Andhra Pradesh – a pilot study.

Sreedhar Babu KV, Anitha M, Praveen, M.D ,Sriranjitha TVN, Sindhuja K

J Clin Sci Res 2017;6:196- 8.

Blood Transfusion is a vital, life saving procedure in the present day medical and surgical practice which requires an adequate supply of safe blood from healthy donors. This requires proper donor selection and screening of the blood bags for transfusion transmissible infectious diseases post donation. The individuals who are disqualified from donating blood are known as deferred donors. Knowledge of rate and causes for donor deferral can guide the recruitment strategy for blood donation. This study helps to analyze the donor deferral rates, various causes of deferrals and to take proper referral and follow up measures to decrease the temporary deferral rate by which we could increase the pool of voluntary donors without compromising on the quality of the blood and safety to the recipient.

109. An evaluation of non-infectious adverse reactions following blood transfusion at a tertiary care referral teaching hospital in South India.

Sreedhar Babu K.V, Sindhuja K, Anitha M, Praveen MD, Sri Ranjitha TVN.

J Med Sci 2017.

Back ground: Though blood transfusion is life saving, it can also lead to certain adverse reactions which can be fatal rarely. Identification of the adverse reactions will help in taking appropriate steps to reduce their incidence and make blood transfusion process as safe as possible and this study has been undertaken to assess the frequency of adverse reactions occuring following whole blood or blood component transfusion in patients admitted at a tertiary care referral teaching hospital in Southern India. **Material and Methods:** During the period from April 2016 to March 2017 all the adverse reactions related to transfusion of blood and blood components in patients admitted at our hospital were recorded. They were analyzed and classified using standard definitions, based on their clinical features and laboratory tests. **Results:** During the study period, a total of 13,532 whole blood and blood components were issued from our blood bank to 4,155 patients. Among them 23 (0.16%) adverse reactions were noted. The most common type of reaction observed was allergic (n = 9; 39.13%), followed by delayed hemolytic transfusion reaction (DHTR) (n = 4; 17.39%).Other reactions observed were febrile non hemolytic transfusion reactions (FNHTRs) (n=3, 13.04%), hypotension (n=3, 13.04%),transfusion associated circulatory overload (TACO) (n = 1, 4.35%), transfusion related acute lung injury (TRALI) (n = 1, 4.35%) and delayed serological transfusion reaction (DSTR)(n = 2, 8.70%). **Conclusion:** Frequency of transfusion reactions in the present study was 0.16%.This can be an underestimation of the true incidence because of underreporting which can be improved by hemovigilance system and one should consider for rationale use of whole blood and blood components.

110. Effect of integrated strategy on iron deficiency anemia among adolescent girls.

Sudha Rani P Chandrakala A.

Int J Advanced Res 2017; 5(12).

Adolescent girls constitute one fifth of the female population if the world.The prevalence of anemia in adolescents in disproportionately high in developing countries. The prevalence of anemia estimated at 9 percent in high development countries and in countries with low development the prevalence is 43 percent especially, in population group of school age children and adolescents, the prevalence rate ranges from 29.2 percent to 79.6 percent. Anemia is an indicator of both poor health and poor nutrition. Objective: Assess the effectiveness of integrated strategies on hemoglobin and serum iron levels on iron deficiency anemic adolescent girls Methodology: The present school based interventional study was conducted among school going adolescent girls who were pursing 6th to 10th standard in selected Government Girls high schools in Kurnool city. The first intervention is the four sessions of nutrition education on iron deficiency anemic and weekly iron folic acid supplementation for 12 weeks. These two interventions were implemented on subjects simenteniously to assess the effect on improvement of serum hemoglobin levels. Pre and post strategy hemoglobin and serum and iron levels were estimated to assess the effectiveness of strategy. The collected data was analyzed by using mean, standard deviation and paid ?t? test. Results: The results depicts that before implementation of integrated strategy, 40

percent (50) were having mild anemia and 60 percent (75) were having moderate anemia. After 12 weeks of strategy implementation 47.2 percent (59) were improved to normal hemoglobin levels, 45.6 percent (57) were improved to mild anemia and only 7.2 percent (9) were having moderate anemia. Conclusion: The high prevalence of mild and moderate anemia demands appropriate emphasis on covering high risk adolescents group to improve their iron status. It is quite important to strengthen health education on the consumption of iron rich foods and proper implementation of iron folic acid intervention proramme that would increase the hemoglobin levels among the adolescents age group through prophylaxis treatment and dietary modification.

111. A study to assess the effectiveness of structured teaching programme on knowledge, attitude and practice regarding baby bottle tooth decay among mothers of infants, in selected community area, Tirupati.

Prameela G Padmaja A.

IOSR J Nursing Health Sci 2017; 6:48-56.

Baby bottle tooth decay (BBTD), a term endorsed by the Healthy Mothers-Healthy Babies Coalition, is a disease (also called nursing caries or early childhood caries) young children, characterized by a distinctive pattern of tooth decay in the primary dentition. The four maxillary incisors are most frequently affected. Baby bottle tooth decay (BBTD), is the most common chronic disease in young children and may develop as soon as teeth erupt. It is a multi-factorial disease that affects infants and toddlers, affecting their general health and growth pattern. BBTD affects the quality of life of families and their affected children due to dental pain and subsequent tooth loss resulting in difficulty in eating, speaking, sleeping and socializing. It is a significant public health problem and certain segments of society. This paper presents findings of a study in which 100 mothers in Regional health centre, Chandragiri, Tirupati. This study deals with discussion based on the objectives of the study. It reveals the fact about knowledge, attitude and practice on Baby bottle tooth decay in pre-test and post-test. The aim the present study was to assess the knowledge, attitude and knowledge regarding Baby bottle tooth decay, among mothers of infants before and after structured teaching programme. In this study 60 sample of mothers of infants were selected. The sample is chosen by convenient sampling technique. The study findings revealed that among 60 mothers of infant mothers were had 51% inadequate knowledge, 35% had moderate knowledge and 14 %) had adequate knowledge. With regards to attitude had high positive attitude. With regards to practice had moderate practices regarding baby bottle tooth decay among mothers of infants in pre-test. Out of 60 mothers of infants had adequate knowledge. With regards to attitude had moderate positive attitude. Adequate practices regarding baby bottle tooth decay among mothers of infants in post-test. There is a significant knowledge, attitude and practice improvement in baby bottle tooth decay among mothers of infants at $P<0.05$ level after structured teaching programme. This study was successful in presenting a better understanding of the issues associated with introduction of baby bottle tooth decay in infants. Public health programmes and policies should address issues concerning infant oral hygiene, clear and specific guidelines.

112. Descriptive study to assess the knowledge on warming signs of selected newborn illness among the primi mothers with a view to develop an information booklet.

Girijamma S, Padmaja A.

Int J App Res 2017; 3(9).

A descriptive research design was used to assess the knowledge on warning signs of selected newborn illness among the primimothers who are attending MCH center at Tirupati. A total of 100 primimothers were selected by convenience sampling technique. Tool used for conducting study was for data collection was a structured questionnaire on warning signs of selected newborn illness. Analysis was done SPSS package 21 version. The findings of the study revealed that Among 100 primimothers 12% (12) primimothers had inadequate knowledge on warning signs of selected newborn illness, 57% (57) primimothers had moderate knowledge on warning signs of selected newborn illness, 31% (31) primimothers had knowledge on warning signs of selected newborn illness. Among 100 primimothers 31% (31) primimothers had inadequate knowledge on home care for selected newborn illness, 53% (53) primimothers had moderate knowledge on home care for selected newborn illness, 16%(16) primimothers had adequate knowledge on home care of selected newborn illness. Analysis revealed that there is a significant relationship between demographic variable and level of knowledge and at $p<0.01$ level and $p<0.05$ level.

113. Effectiveness of STP on knowledge and attitude regarding health promoting practices in Primi Gravida Mothers.

Swarna S.

IOSR – JNHS 2017;6(4):28-31.

Quasi experimental one group pre test and post test design was used to assess the effectiveness of structured teaching programme. The sample size was 60 were selected by using convenience sampling technique. Pretested structured interview schedule on knowledge, attitude scale was used for data collection. Analysis was done SPSS package 21 version. The study findings in the pre-test revealed that majority (41.7%) had moderate knowledge, (35.0%) had inadequate knowledge, (23.3%) had adequate knowledge and post test knowledge majority (46.7%) had adequate knowledge whereas, (35.0%) had moderate knowledge and (18.3%) had inadequate knowledge on health promoting practices. In pre test attitude majority (45.0%) had moderately attitude (31.4%) had unfavourable attitude, (23.3%) favourable attitude and post test attitude majority (61.7%) had favourable attitude. (23.3%) had moderately attitude and (15.0%) had unfavourable attitude. study finding imply that such a teaching programme contribute to increased knowledge and developed attitude towards on health promoting practices among primigravida mothers.

114. Relationship between quality of life and coping measures during premenstrual period in college students.

Prameela N, Swarna S.

IOSR J Humanities Soc Sci 2017;22(8): 2279-845.

Descriptive survey approach adopted and collected data from 200 randomly selected college students. Short Form - 36 (SF- 36) was used to assess the Quality of life during PMS .Coping check list was utilised to assess coping measures adopted during PMS. Most of the students were in the age group of 18 -19 years, attained menarche in the age of 14 years. Most (69) of the students reported good quality of life. Quality of life in physical domain Mean (15.77) was found to be high. Nearly 82% of the students accepted themselves, 81% reported having argued with other people , experienced nervousness 75.5%,students(81.5%) reported excellent in health during PMS , Half of the students adopted satisfactory coping measures to deal with PMS .One third of the students not able to cope up with PMS. Negative correlation was found between total Quality of life (0.768) and total coping (-0.316)

115. Stigma and polytherapy: Predictors of quality of life in patients with epilepsy from South India.

Nagarathnam M, Vengamma B, Shalini B, Latheef S.

Ann Indian Acad Neurol 2017; 20:233-41.

Background: Apart from unpredictable seizures and consequent injuries, people with epilepsy (PWE) confront with psychosocial adjustments. Quality of life (QOL) varies with culture and socioeconomic milieu. Identification of predictors for QOL enables comprehensive and effective care. **Objective:** The objective of this study was to investigate the role of stigma, demographic, socioeconomic, and clinical factors in QOL among PWE. **Subjects and Methods:** In this prospective observational study, 170 PWE answered QOL in epilepsy-31 (QOLIE-31) and stigma questionnaire. Internal consistency of instruments was evaluated by Cronbach's alpha and reproducibility by intracorrelation coefficient (ICC). Descriptive statistics were calculated, and predictors were identified by regression analysis. **Results:** Mean age of the PWE was 34.39 ± 11.49. Cronbach's alpha and ICC of the QOLIE-31 were 0.946 and 0.974 and stigma scale was 0.903 and 0.954, respectively. Mean total QOL was 60.29 ± 14.12. Highest and lowest scores of subscales of QOL were observed in medication effects and social functioning. Mean stigma score of PWE was 22.21 ± 14.64. Majority of PWE had mild stigma (75%) followed by moderate (22%) and high stigma (1%). Stigma score correlated with total and subscales of QOL ($P < 0.01$). Statistically significant decrease in scores of total and subscales of QOL was observed in high and moderate stigma when compared to mild stigma ($P < 0.01$). Stigma (standardized beta coefficient = -0.652, $P < 0.00$) and polytherapy (standardized beta coefficient = -0.180, $P < 0.02$) were found to be the significant predictors of QOL. Significant decrease in total and subscale scores of QOL was observed in PWE under polytherapy when compared to monotherapy and also in seizure frequent against seizure-free PWE ($P < 0.01$).

116. Predictors of quality of life among adolescents with epilepsy in the State of Andhra Pradesh.

Nagarathnam M, Shalini B, Jayalakshmi U, Vengamma B, Latheef S.

Neurol India 2017; 65:1019-24.

Objectives: Assessment of quality of life (QOL) reveals the impact of diseases and factors responsible for the impairment of quality of life. The purpose of this study was to evaluate the QOL among adolescents with epilepsy (AWE) in the state of Andhra Pradesh. **Materials and Methods:** One hundred and fifty AWE aged 13–19 years were evaluated for QOL using the Telugu version of the Quality of Life in Epilepsy Inventory for Adolescents (QOLIE) AD-48 and the data were analyzed to predict the factors responsible for determining the QOL. **Results:** The mean age of AWE was 15.86 ± 2.14 years. The age at onset of seizures among AWE was 9.28 ± 4.90 years. Generalized (45%) and partial seizures (34%) were the predominant types of seizures. The majority of AWE (77%) were taking anti epileptic medication for 1–8 years, were on monotherapy (55%), and were seizure free for the last 1 year (56%). The mean total QOL score in AWE was 72 ± 15. The high school-educated, seizure-free, and monotherapy-taking AWEs showed a significantly higher mean total QOL when compared to the primary school-educated, seizure-frequent, and polytherapy-taking AWEs ($P < 0.01$). Education (standardized beta [Sß] = 0.163 $P < 0.05$), seizure frequency (Sß-0.603; $P < 0.01$), and poly therapy (Sß-0.08; $P < 0.01$) were significant predictors of QOL in AWE. **Conclusions:** The results of the study suggest that in addition to seizure control, encouraging monotherapy and enhancing the education level may improve the QOL in AWE.

117. Prevalence of lower urinary tract symptoms in patients of benign prostatic hyper plasia attending tertiary care hospital in the State of Andhra Pradesh.

Nagarathnam M, Latheef S.

J NTR Univ Health Sci 2017;6:154-7.

Background: There are only few studies available on the prevalence of lower urinary tract symptoms (LUTS) evaluated by the international prostate symptom score tool (IPSS), and it has not been validated in the Indian population. Aim: The purpose of the present study was to determine the prevalence of lower urinary tract symptoms in patients of benign prostatic hyperplasia (BPH) and to validate the IPSS tool in our studied population. **Materials and Methods:** One hundred BPH aged >51 years attending the outpatient department of Urology were recruited for the study. LUTS were evaluated using the international IPSS. The IPSS was validated for reliability and reproducibility by Cronbach's alpha and intraclass correlation coefficient (ICC). **Results:** The coefficients of Cronbach's alpha and ICC were 0.80 and 0.86, respectively. The majority of patients had moderate symptoms (72%) followed by severe symptoms (17%). Severity of symptoms increased with age ($P < 0.01$). The total score was associated with age ($P< 0.01$). The majority of patients (12%) with the severity of symptoms had reported that symptoms bother them to some extent. **Conclusion:** The results of the study showed that IPSS could serve as a good instrument to assess LUTS in this population.

118. A study to determine the effectiveness of reminiscence therapy on the level of depression among older adults in selected old age home at Tirupati.

Divya J, Hemalatha S, Bhagyalakshmi M

Int J Sci Res 2017;6(7):78-96.

Introduction: Aging may best be defined as the survival of growing number of people who have completed the traditional adult roles of making a living and child bearing. Depression is common in the older adults and is a major public health problem. Reminiscence therapy considered an alternative intervention for treating depression in older adults. **Objectives:** To assess the level of depression among older adults in selected old age home. To determine the effectiveness of reminiscence therapy on the level of depression among older adults. To associate the level of depression among older adults with their selected demographic variables. Methodology: The research approach was used Experimental approach and design was one group Pre-test and Post-test design. Purposive sampling technique was used. **Results:** The findings of the study revealed that among 30 older adults in pre- test level of depression among older adults, 3(10%) had mild depression, 19(63.3%) had moderate depression and 8(26.7%) had severe depression. The post-test revealed that majority 19(63.3%) expressed mild depression, 9(30%) expressed moderate depression and 2(6.7%) expressed severe depression. It represents that reminiscence therapy sessions reduced the level of depression of older adults. **Conclusion:** The effectiveness

of reminiscence therapy on depression among older adults using paired "t" test shows 7.4 significance at the level of p<0.01. Finally, it was concluded that reminiscence therapy sessions are effective in reducing the level of depression among older adults.

119. To assess the bullying and victimization among high school children in selected schools, Tirupati, A.P.

Supriya S, Hemalatha, Bhagya Lakshmi M

IOSR J Nursing Health Sci 2016;5(1): 45-53

Bullying is a serious problem at homes, schools, communities and often dismissed as an adolescent's rite of passage. Design& methodology: Cross-sectional descriptive design was used. The study was conducted at S.P.J.N.M.H. school & Kiran E.M.H. school, Tirupati. A total of 100 students were selected by using non-probability convenient sampling technique. Bullying and victimization was assessed by using self administered RAPRI- BT. Reliability for bullying and victimization was 0.8& 1 respectively by karl pearson correlation coefficient method. Results: The study findings revealed that 28% were mild, 46% were moderate & 26% were doing severe bullying. About victimization 29% were mildly, 47% were moderately & 24% were severely victimized. Mean for bullying is 12.56& for victimization is 15.14. Gender of children (p=0.001) and living status of their parents (p=0.03) were significant with bullying scores. Gender (p=0.000), living status of parents (p=0.03) and number of hours spent per a day on computer(p=0.027) were significantly associated with victimization scores. Conclusion: It was concluded that bullying& victimization can range according to gender and living status of parents at different levels.

120. A study to assess the knowledge and attitude towards consanguineous marriages among adolescents in selected colleges of Tirupati.

Kusuma V, Sreelatha M, Sudha Rani P.

Int J Applied Res 2017; 3(8):524-5.

Consanguineous refers to union of individuals having a common ancestor or marriage between a man and woman related by blood. The most common form of consanguineous union contracted is between first cousins. Around the globe consanguineous marriages have been practiced by many societies from time immemorial due to socioeconomic, ethnic, cultural, and religious factors. Descriptive study was conducted to assess the level of knowledge and attitude, correlation between knowledge and attitude& association between the level of knowledge and attitude towards consanguineous marriage among adolescents. 100 adolescents were selected by purposive sampling technique. The study concluded that majority 48(48%) had moderate knowledge, 45(45%) adolescents had moderate Attitude, There is a positive correlation(r=0.864) between knowledge and attitude regarding Consanguineous marriages among adolescents. The adolescent and youth should educate about the problems and consequences of the consanguineous through educational program in different grads focus on premarital care.

121. A study to assess the knowledge regarding measures to improve hemoglobin levels among adolescent girls at selected college, Tirupati.

Divya D, Kokilamma B, Sudharani P, Sreelatha M.

Int J Applied Research 2017;3(8):648-52.

Background: Anemia is the most common nutritional deficiency disorder in the world. Anemia as a condition in which the hemoglobin content of blood is lower than normal. Prevalence of anemia in India among adolescent girls is high because of low dietary intake, poor availability of iron and chronic blood loss due to hook worm infestation and malaria. Poor nutrition status and anemia have consequences that extended over generation. **Objectives:** To assess the knowledge regarding measures to improve hemoglobin levels among adolescent girls. To associate the knowledge regarding measures to improve hemoglobin levels with their selected socio demographic variables. **Methodology:** Non experimental approach adopted to achieve the objectives of the study, a descriptive study involving 100 adolescent girls at Sree padmavathi junior college for women. Data were collected by using structure questionnaire. Data regarding demographic characteristics and multiple choice question related to measures to improve hemoglobin. Data were analyzed with cronbach's Alpha, correlation co efficient. Hypothesis H01 states there is a no significant association between measures to improve hemoglobin with selected demographic variables was accepted. **Results:** Out of 100 adolescent girls majority (57%) were inadequate knowledge, more than 1/4th (36%) of Adolescent girls were having moderate knowledge and few (7%) participants having adequate knowledge regarding measures to improve hemoglobin levels among

adolescent girls. **Conclusion:** There should be improve awareness regarding measures to improve hemoglobin levels among adolescent girls by providing information regarding diet, tips to be followed in order to prevent the anemia during adolescent age group.

122. A study to assess the knowledge on deworming practices among school teachers in corporate schools.

Mary Priyanka K, Sreelatha M, Sudha Rani P.

Int J Applied Research 2017; 3(8): 653-6

Background: Worm infestations or Soil-transmitted Helminths (STH) infects nearly 2 billion people of world's population with children being the most affected. India alone contributes nearly 25% to the total global cases with 220.6 million children in need of preventive chemotherapy. **Aim:** A study to assess knowledge on deworming practices among school teachers in corporate schools, Tirupati. **Materials and methods:** A descriptive study, sample size of 100 corporate school teachers selected by convenient sampling technique and data was collected by administering self-structured questionnaire. It included data regarding socio-demographic characteristics and questions pertaining to knowledge on deworming practices adopted by school teachers. Analysis was done SPSS package 21 version. **Results:** The study results shows that out of 100 study participants, 87(87%) school teachers were females, 52(52%) were had post graduation education, 24(24%) were general science teachers and the most common source of information was family members 57(57%). It was seen that 47(47.0%) were had inadequate knowledge, 31(31.0%) were had moderate knowledge and 22(22.0%) were had adequate level of knowledge. The higher educational level, science subject teaching and years of teaching experience was associated with better knowledge on deworming practices in school children among school teachers. **Conclusion and recommendation:** The study concluded that knowledge on deworming practices was inadequate. So, there is need to educate school teachers on deworming practices as well as to train them and reduce the morbidity and maintain health status in school children.

123. A study to assess the knowledge on prevention of transmission of tuberculosis among dots providers at selected dots centers, Tirupati.

Jeevitha C, Kokilamma B, Sudha Rani P, Sreelatha M.

International Journal of Applied Research 2017;3(8):663-7.

Background: Tuberculosis is an infectious disease caused by the bacterium Mycobacterium tuberculosis. Tuberculosis generally affects the lungs, but can also affect other parts of the body. Most infectious do not have symptoms, in which case it is known as latent tuberculosis. Tuberculosis is spread through the air when people who have active TB in their lungs cough, spit, speak or sneeze. **Objectives:** To assess the knowledge on prevention of transmission of tuberculosis among DOTS Providers. To find out the association on knowledge on prevention of transmission of tuberculosis with the selected socio-demographic variables. **Methodology:** A descriptive study was involving 100 DOTS providers, Non probability purposive sampling technique was used to select the sample, Study carried out with self administered questionnaire. Data were collected using a structured questionnaire. Data regarding socio-demographic characteristics of DOTS Providers and questionnaire related to Knowledge on prevention of transmission of tuberculosis. Were analysed with Cronbach"s Alpha, ANOVA and Correlation Coefficient. Hypothesis (H0) stating that there is a no significant association between the Knowledge on prevention of transmission of tuberculosis with selected socio demographic variables was accepted after the analysis. **Results:** Out of 100 Study participants, majority (53%) of samples had moderate level of knowledge followed by (36%) had adequate and very few (11%) had inadequate level of knowledge. **Conclusion:** There should be improved awareness regarding importance of tuberculosis transmission by providing information regarding preventive measures of tuberculosis & its transmission and also various services available to screening in order to improve the health of the people.

124. To study the influence of swiss ball exercise on diastasis recti in post partum women

Madhavi K, Kameswari G, Divya SR.

Int Educat Sci Res J 2017;3:43-51.

Introduction: Diastasis recti abdominis is defined as separation of right and left rectus abdominis muscle bellies within their respective sheath as a result of partitioning at the linea alba. .A widening of > 2.7 cm at the level of the umbilicus is considered a pathological diastasis of the rectus abdominis muscle. Diastasis recti abdominis occurs in 60% of postpartum women. 52% of DRA cases occurs at umbilicus. 36% arises above the umbilicus. 11% occurs below the umbilicus. **Aim:** To study the influence of Swiss ball exercise on diastasis recti in post partum women. **Objectives:** 1. To evaluate the influence of swiss ball exercises on diastasis recti measurement through vernier caliper in post-partum women with diastasis recti. 2. To evaluate the influence of swiss ball exercises on abdominal muscle activity through EMG in post-partum women with diastasis recti. 3. To evaluate the influence of swiss ball exercises exercises on abdominal muscle strength through MMT in post partum women with diastasis recti. 4. To evaluate the influence of swiss ball exercises on waist hip ratio and body mass index in post partum women with diastasis recti. 5. To evaluate the influence of abdominal exercises on diastasis recti measurement through vernier caliper in post-partum women with diastasis recti. 6. To evaluate the influence of abdominal exercises on abdominal muscle activity through EMG in post-partum women with diastasis recti. 7. To evaluate the influence of abdominal exercises exercises on abdominal muscle strength through MMT in post partum women with diastasis recti. 8. To evaluate the influence of abdominal exercises on waist hip ratio and body mass index in post partum women with diastasis recti. Methodology: 30 samples are randomly divided into 2 groups, 15samples in each group. For Experimental group – I Swiss ball exercises, Experimental group –II abdominal exercises are given. Pre and post values of diastasis rectus abdominis muscle gap through vernier caliper, muscle activity by EMG biofeedback, MMT through MRC grading, BMI and WHR were measured. Result: The pre and post group-1 mean values, t-values and p-values of all the five outcomes that is diastasis recti gap, muscle activity, Muscle strength, Waist Hip Ratio and Body Mass Index shows statistically highly significant values then the group-1. **Conclusion:** The study concluded that the swissball exercises showed more improvement than the abdominal exercises on diastasis recti among the postpartum women.

125. To study the influence of progressive resistance training and yogasana on body composition, fasting plasma glucose in PCOS (Polycystic ovarian syndrome) individuals.

Madhavi K, Asha Jyothi K, Kusuma K.

Int Educat Sci Res J 2017;3:1-9.

Background: Polycystic ovarian syndrome (PCOS) is a complex endocrine disorder affecting 8-12% of reproductive aged women, currently recognized as the leading cause of anovulatory infertility. Aim: To study the influence of progressive resistance exercises and yoga asanas on body composition, fasting plasma glucose in polycystic ovarian syndrome Individuals. Methodology: At baseline, recruited polycystic ovarian syndrome individuals have. **Aim:** To study the influence of progressive resistance exercises and yoga asanas on body composition, fasting plasma glucose in polycystic ovarian syndrome Individuals. **Methodology:** At baseline, recruited polycystic ovarian syndrome individuals have underwent a detailed clinical examination as per the attached proforma. A detailed anthropometric assessment including measurement of weight, height and waist circumference are done as part of the clinical assessment. Additionally a body composition analysis was performed on a body composition analyzer of Model N20.They were called in the fasting state for plasma glucose (FPG), by using a one-touch glucometer. Then the individuals were divided randomly into 2 groups: group 1 were trained with PRT and group 2 with yogasanas under supervision for 3 months then the post values of body composition and fasting plasma glucose were collected after completing the study period. **Results:** The pre and post experimental mean value, t-test and p values of all the outcomes that is body composition, fasting plasma glucose shows significance (0.05) in both the groups. **Conclusion:** The present study accepts alternate hypothesis and rejects null hypothesis. Hence, the study concludes that PRT and yogasana shows a significant improvement in anthropometric changes, body composition and fasting plasma glucose at 0.05 level of significance.

126. To study the influence of mandibular exercise on pain, mouth opening and quality of life in post-surgical oral cavity cancer individuals with trismus.

Rathnakumari, Madhavi K, Raghava Krishna S

Int Education Applied Sci Res J 2017;2:6-8.

Trismus is defined as restricted mouth opening of 35 mm or less. Normal full opening is 40-50- millimeters. Trismus is not a disease it is well known complication of cancer in the oral cavity region(1). The prevalence of trismus ranges from 5 to 38%. It can result in problems with speech, oral hygiene dental treatment and mastication .Trisums impacts negatively on quality of life(2)Many stretching devices were adopted to enhance mouth opening like sledge hammer, surgical mouthprop, a tapered screw, a screw-type mouth gag fingers, tongue depressor, interarch springs , intra operatively fabricated self-curing bite block, has been used(3,14). All the above studies has given little information about mouth opening, conventional exercise therapy using tongue depressors, fingers, rubber plugs had minimal effect .Hence, the aim of the study is to find out the influence of exercise with tongue depressors on pain and mouth opening, in post surgical oral cavity cancer individuals with trismus. **Results:** The pre and post experimental mean value,t-test and p values of all the three outcomes that is pain (VAS) ,mouth opening, quality of life shows statistically highly significant values then the control group. **Conclusion:** There is increase in mouth opening and decreased in VAS with mandibular exercises in experimental group than conventional exercises in control group.

127. A study to analyse the Isometric strength and Isokinetic peak torques of hamstring and quadriceps at different angles and angular velocity of knee using Isokinetic device in normal individuals.

Shanthi C, Madhavi K, Supriya PC, Teja P, Anandraj V, Dilli Prasad.

Int J Pharma Res Bio-Sci 2017;6(5):90-8.

Isokinetic exercise is a dynamic type of resistive exercise with two unique features. First, the angular velocity of an isokinetic exercise device can be specified. Second, when a specified velocity is reached, the device automatically accommodates to give maximal resistance at each [point in the range of motion while allowing the specified velocity to be maintained. The device enables the muscle to exert maximal force at all points in the range of motion. Objective: To provide reference data for peak isometric of hamstring and quadriceps at different angle (60º, 90º, 120º) using isokinetic machine. Method: The strength of left and right quadriceps and hamstring leg muscle was assessed in fifteen normal individual of BPT students in the campus of SVIMS university, Tirupati, AP in the year of 2016 using a biodex machine. Isokinetic strength was assessed at 60º, 90º and 120º angle of knee flexion. Results: Isometric flexion strength was higher in the right leg compared to the left ($P<0.01$) while there was no significance difference between the 2 legs in extension. Isokinetic strength there was decrease in both extension and flexion strength with increasing velocity. However only in flexion strength is significant right and left difference was observed. In addition, the angle of peak torque decreases with increasing velocity at knee extension but increase at knee flexion. Conclusion: It concludes that right side has more power than left side.

128. Mogili HK, C V AK, Boju SL, M Aruna, Mantri RG, Kalawat TC, Ram R, Siva Kumar V Tuberculous peritonitis diagnosed with the help of 18F-FDG PET/CT scan. Nephrology (Carlton). 2017;22(4):334-5.

2.0 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 projects on going are as follows:

2.1 Details of ongoing projects with extra mural funding agencies:

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 projects on going are as follows :

Details of ongoing projects with extra mural funding agencies

S. No.	Investigator	Funding Agency	Title of the Project	Grant of money (Rupees)
1.	Dr.Alladi Mohan, Dept. of Medicine	Directorate General of Health Services, New Delhi.	**PLEFF :** Evaluation of the efficacy of thrice weekly DOTS regimen in TB pleural effusion at six months (multicenter project)	11,27,743
2.	Dr.A.Umamaheswari, Dept. of Bio-Informatics	DBT, New Delhi	**Bio-Informatics** Creation of BIF for the promotion of Biology Teaching through Bio-Informatics (BTBI) scheme of BTISnet	1,05,52,500
3.	Dr.Alladi Mohan, Dept. of Medicine	ICMR, New Delhi	**ICMR – HIV Vitamin D** 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
4.	Dr.Alok Sachan, Dept. of Endocrinology	ICMR, New Delhi	**ICMR – Diabetes** Pancreatic islet antibodies in adults (latent autoimmune diabetes in adults) and youth with type-2 diabetes mellitus; prevalence, clinical immunological and genetic studies"	3,72,664
5.	Dr.Usha Kalawat, Dept. of Microbiology	ICMR, New Delhi	**ICMR –VDL** Establishment of a network of laboratories for managing epidemics and natural calamities".	2,60,29,414
6.	Dr.Alladi Mohan, Dept. of Medicine	Science & Engineering Research Board, New Delhi	**SERB – Effect of Mobile Phones** To Study the effect of mobile phones on well being, sleep and cognitive function.	25,00,000
7.	Dr.Alladi Mohan, Dept. of Medicine.	ICMR, New Delhi	**ICMR – Smoking Cessation** Impact of package of intensive smoking cewsation interventions versus recommended, basic smoking cessation advice on outcomes in smear-smear-positive patients with pulmonary tuberculosis"	6,68,923
8.	Dr.T. S.Ravikumar Director – Cum – VC	Dept. of Science & Technology, New Delhi	NANO Mission – Pancreatic Cancer Development of a nanotheranostic tool for Pancreatic Cancer"	1,15,000

2.2 Details of ongoing projects under Sri Balaji Arogya Vara Prasadini (SVAVP) Scheme:

Sri Balaji Aarogyavaraprasadini Scheme of SVIMS, TTD offers financial assistance partially/ fully for the research carried out by the faculty, Post Graduates of modern medicine and research scholars. For the year 2017 (January – December). The details are as follows:

SBAVP Grant released for the calendar year 2017

i) For Faculty

S. No	Name	Title of the project	Grant Sanctioned Rs.
1.	Dr Alok Sachan Professor & HoD Endocrinology	A pilot study on celiac disease in type 1 diabetes mellitus	1,51,980
2.	Dr PVLN. Srinivasa Rao Sr. Professor & HoD Biochemistry	Study of serum adiponectin levels in type 2 diabetic mellitus patients with albuminuria Association of serum adiponectin with disease activity in patients with rheumatoid arthritis Study of serum adiponectin levels in women with polycystic ovary syndrome	82,875 78,900 34,300
3.	Dr Pranabandhu Das Radiotherapy	To compare the incidence of radiation induced hypothyroidism after exposure to more than vs less than 50% of total thyroid volume to 45 Gy following external beam radiation therapy in patients with head and neck cancer	6,50,000
4.	Dr V.V. Ramesh Chandra Assoc. Professor Neurosurgery	A study on optimal timing of cranioplasty for cases of decompressive craniectomy	2,40,000
5.	Dr PVLN Srinivasa Rao Sr. Prof. & HoD Biochemistry	Novel urinary biomarkers for early detection of diabetic nephropathy in patients with type 2 diabetes mellitus	73,800
6.	Dr D. Rajasekhar Prof. & HoD Cardiology	Right ventricular strain, strain rate and pulmonary function before and after percutaneous balloon mitral valvuloplasty in patients with severe mitral stenosis	70,200
7.	Dr D. Rajasekhar Prof. & HoD Cardiology	Value of resting and stress myocardial deformation assessment by two dimensional speckle tracking echocardiography to predict the presence, extent and localization of coronary artery affection in patients with suspected stable coronary artery disease	88,000
8.	Dr MM Suchitra Assoc. Professor Biochemistry	Patterns and prevalence of dyslipidemia in obese persons in Chittoor District	18,000
9.	Dr PVLN Srinivasa Rao Sr. Prof. & HoD Biochemistry	Screening for thyroid disorders in medical undergraduate students	47,250
10.	Dr Alok Sachan Prf. & HoD Endocrinology	Prevalence of Autonomic Neuropathy in patients with type 2 diabetes mellitus with special reference to cardiac Autonomic Neuropathy	5,19,470
11.	Dr V. Suresh Professor of Endocrinology	Effects of adequate treatment of hyperthyroidism on glycated hemoglobin levels in nondiabetic subjects with hyperthyroidism	2,16,200

12.	Dr PVLN Srinivasa Rao	Sr. Prof. & HoD Biochemistry A study of Non Traditional Biochemical markers of cardiovascular risk in relation to the level of fasting glycemia in patients with type 2 diabetes mellitus	87,000
13.	Dr Aparna R Bitla Assoc. Prof. Biochemistry	Study of anti-atherogenic effects of rosuvastatin in patients with type 2 diabetes mellitus	2,47,500
14.	Dr A Mohan Prof. & HoD Medicine	Influence of aerobics versus indoor cycling on body composition and lung function in over weight and obese female subjects	1,51,200
15.	Dr B. Silpa Kadiyala Asst. Professor Radiology	The role of magnetic resonance imaging (MRI) in pre-operative assessment of rectal carcinoma with regard to local staging, circumferential resection margin and mesorectal fascia involvement	1,94,250
16.	Dr B. Vijayalakshmi Devi Addl. Professor Radiology	An observational study of pre and post contrast MRI features of invasive breast carcinoma	2,40,000

ii) MD/DM/MCh Post Graduates

S. No	Name	Title of the project	Grant Sanctioned Rs..
1.	Dr N. Lakshmanna Postgraduate Junior Resident in MD (Biochemistry)	Novel urinary biomarkers for early detection of diabetic nephropathy in patients with type 2 diabetes mellitus	50,000
2.	Dr. Suresh Babu Tupakula Postgraduate Senior Resident in DM (Cardiology)	Value of resting and stress myocardial deformation assessment by two dimensional speckle tracking echocardiography to predict the presence, extent and localization of coronary artery affection in patients with suspected stable coronary artery disease.	50,000
3.	Dr. Ram Prahlad K.M Postgraduate Senior Resident in DM (Medical Oncology)	To Evaluate the role of circulating tumor DNA (CtDNA) for assessing tumor response to chemotherapy in Triple Negative Breast Carcinoma	50,000

iii) Research Scholars (PhD)

S. No	Name	Title of the project	Grant Sanctioned Rs..
1.	Mr. P. Santhosh Kumar Ph.D. Scholar (Biotechnology)	In vitro differentiation and characterization of cultured human CD34 positive stem cells into hepatocytes, erythrocytes and platelets	2,00,000
2.	G.Dharaniprasad Ph.D. Scholar (Anesthesiology)	The influence of G472A Polymorphism of membrane bound Catechol-O Methyltransferase gene on chronic persistent surgical pain in patients undergoing open heart surgeries with median sternotomy".	2,00,000
3.	Mr. S. Naresh Research Scholar Dept. of Biochemistry	Study of anti-atherogenic effects of rosuvastatin in patients with type 2 diabetes mellitus	2,00,000
4	Ms. K. Meenakshi PhD Scholar. (Microbiology)	Study of atypical pneumonia in a Tertiary care Teaching Hospital of Sri Venkateswar Insittute of Medical Sciences, Tirupati and Sri Venkateswara Ramnarain Ruia (SVRR) Government General Hospital, Tirupati with Molecular characterization of Pneumocystis jiroveco	2,00,000

3.0 Journal of clinical and Scientific Research

Editorial Board:

Hon.Editor-in-Chief	-	Dr T.S. Ravikumar
Exec.Editor-in-Chief	-	Dr PVLN. Srinivasa Rao

The major objectives of SVIMS include creating a centre of excellence for providing Medical care, Educational and Research facilities of a high order in the field of Medical Sciences: developing patterns of teaching at postgraduate and super specialty level 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 "fee full-text" is placed in the Institute's website. The journal has grown fast and attracted 426 submissions in its first six years from across the world and has grown fast. The journal is already indexed in Journal of Clinical and Scientific Research is indexed in CrossRef, CrossCheck, Index Copernicus, Academic Index, Open J-gate, Journal Seek, Indian Science Abstracts, Geneva Foundation for Medical Education and Research, New Jour, Academic Journals Database, Research Bible and Directory of Research Journals Indexing (DRJI).

This peer-reviewed journal promotes electronic submission and fast-track processing with submission to decision time of 3 months. 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, JCSR encourages vibrant young faculty researchers and postgraduates to submit their work for publication in the journal. So far, 24 issues have been published. The journal gets distributed to all the Medical colleges, Medical institutions, Medical Universities, R&D institutions in the country.

From 2014, the journal, to facilitate disseminating of content has introduced QR code,Similarity check (Plagiarism)using iTenticate® DOI for access of full text articles. From 2018, the journal will be published with M/s Wolters Kluwer as publisher.

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 2017 (Volume 6 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 2017 are listed below:

Under **"Original Article"**Category

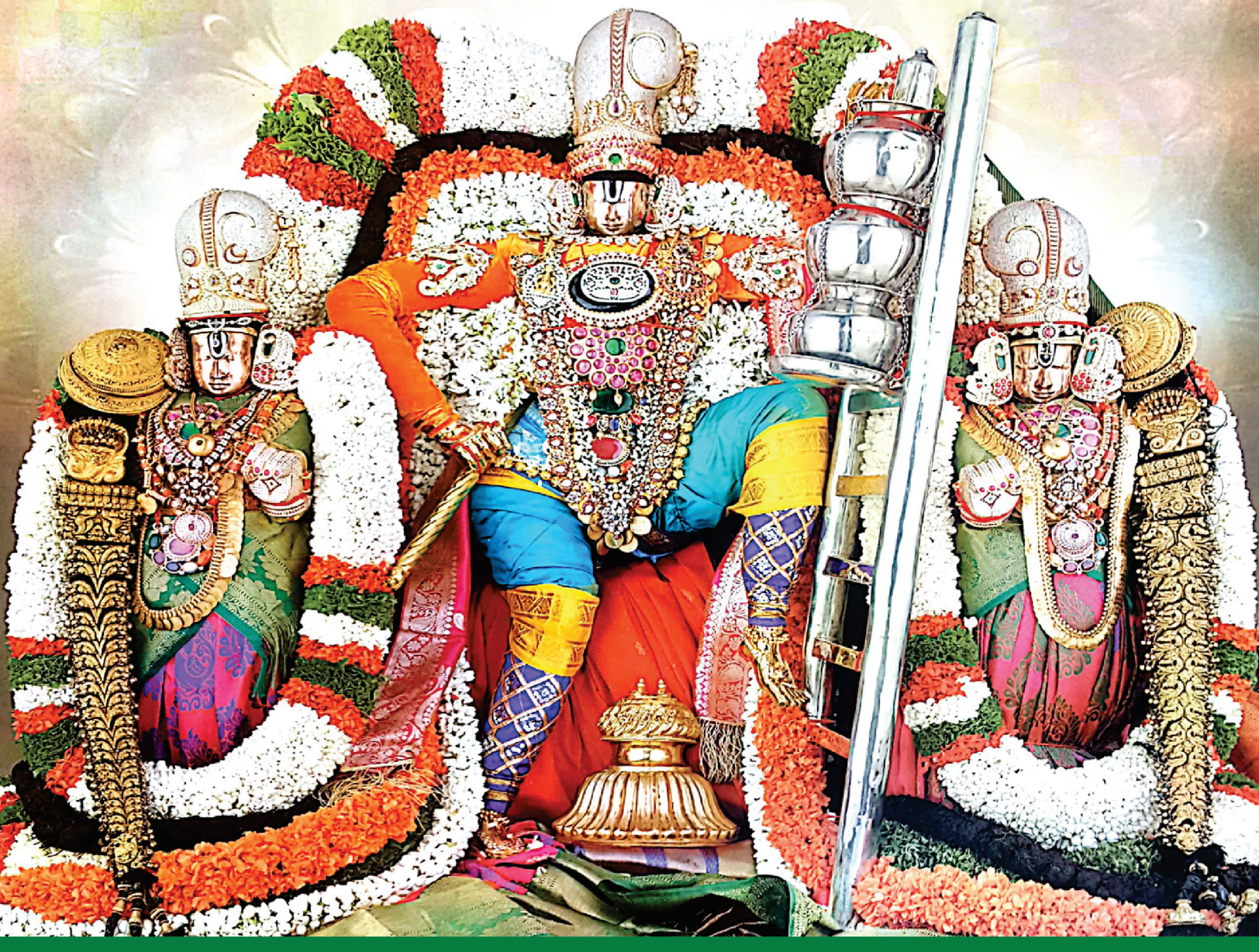
Hemalatha P, Suresh Kumar C, Rao MH, Chaudhary A, Samantaray A, JanakiSubhadra P. Comparison of bacterial colonization of central venous catheters introduced through two different routes –a prospective, randomized, observational study. J ClinSci Res 2017;6:153-9.DOI: http://dx.doi.org/10.15380/2277-5706.JCSR.16.05.002.

Under **"Case Report"** Category

Hasan F, Vidyasagar S. Metformin associated lactic acidosis – it really happens!J ClinSci Res 2017;6:35-7. DOI:http:// dx.doi.org/10.15380/2277-5706.JCSR.16.03.007.

The authors shall be issued a merit certificate on the University Anniversary day, 26th February 2018. Hope this will stimulate the contributors to send their best work to our journal.

T.S. RAVIKUMAR
Hon. Editor-in-Chief



VII HUMAN RESOURCE DEVELOPMENT

VII Human Resource Development

1.0 Degrees conferred

For the academic year 2016-17, 343 students successfully completed their academic programmes and were awarded degree, diplomas during the 8th Convocation held on 02.12.2017

1.1 DM/ MCh Courses

S. No.	Name	Branch
1	Dr Harshavardhan E.V.	Cardiology
2	Dr C.Kapil	Cardiology
3	Dr Sudhakar Reddy	Cardiology
4	Dr R.Tirumala Naresh	Cardiology
5	Dr B.Bharath	Endocrinology
6	Dr G.Praveen Kumar	Endocrinology
7	Dr Venkatesh Mushini	Medical Oncology
8	Dr Anil Kumar C.Venkata	Nephrology
9	Dr M.Harikrishna Reddy	Nephrology
10	Dr K.Anil Kumar	Neurology
11	Dr N.Dinesh Kumar	Neurology
12	Dr M.Sarath	Neurology
13	Dr V.N.Durga Prasad	C.T. Surgery
14	Dr D. Kalyani Rama	C.T. Surgery
15	Dr B.Ramana	Genito Urinary Surgery
16	Dr Dasari Ramesh	Genito Urinary Surgery
17	Dr B.Satish	Genito Urinary Surgery
18	Dr S.Venkata Chaithanya	Genito Urinary Surgery
19	Dr D.M.Sasank	Neurosurgery
20	Dr Sudarshan Agarwal	Neurosurgery
21	Dr D.Varun	Surgical Gastroenterology
22	Dr R.E.Azagamuthu	Surgical Oncology
23	Dr Sriharsha Harnadh	Surgical Oncology

1.2 MD Courses

S. No.	Name	Branch
1	Dr P. Aruna	Anaesthesiology
2	Dr B.Aparna	Anaesthesiology
3	Dr .K. Hima Bindu	Anaesthesiology
4	Dr R. Naga Divya	Anaesthesiology
5	Dr M.Prashanth Kumar	Anaesthesiology
6	Dr S. Sumiya Begum	Anaesthesiology
7	Dr B.V.Virinchi Vegiraju	Anaesthesiology
8	Dr B. Sandya Rani	Biochemistry
9	Dr M.Aruna	Medicine
10	Dr D. Arun Kumar	Medicine
11	Dr D. Narayana Murthy	Medicine
12	Dr P. Thejeswini	Medicine
13	Dr Elugoti Divya	Pathology
14	Dr C.S. Praveen	Pathology
15	Dr M.Anitha	Transfusion Medicine
16	Dr B. Revathi	Radiotherapy
17	Dr Poonam Agarwal	Radio-diagnosis
18	Dr B.Sivarama Krishna	Emergency Medicine
19	Dr Venkatesh Satri	Emergency Medicine
20	Dr R.Ramya Priya	Nuclear Medicine

1.3 Ph.D

S.No.	Name	Registered under	Department of study
1	V.Swarupa	Allied Health Sciences	Biotechnology
2	L.Srikanth	Allied Health Sciences	Biotechnology
3	C.Sravani	Allied Health Sciences	Endocrinology
4	S.Yeswanth	Allied Health Sciences	Biotechnology
5	K.Latheef	Medical Sciences	Cardiology
6	S.Sandeep	Allied Health Sciences	Bioinformatics

1.4 MSc Nursing

S.No.	Name	Branch
1	S.Girijamma	Paediatric
2	K.Maneesha S	Paediatric
3	S.Manikanta C.S	Paediatric
4	G.Prameela	Paediatric
5	P.Reddaiah	Paediatric
6	K.Srikanth	Paediatric
7	B.Chandrakala	Community Health
8	D.Divya	Community Health
9	C.Jeevitha	Community Health
10	V.Kusuma	Community Health
11	K.Mary Priyanka	Community Health
12	R.Usharani	Community Health
13	A.Swapna	Medical - Surgical
14	D.Chandrakala	Medical - Surgical
15	K.Geetha Pavani	Medical - Surgical
16	P.Pallavi	Medical Surgical
17	D.Sai Dharanija	Medical Surgical
18	J.Swapna	Medical Surgical
19	S.Ayeesha	OBG
20	J.Bhavani Bai	OBG
21	J.Jayasree	OBG
22	N.Prameela	OBG
23	M.Sada Lakshmi	OBG
24	N.Thulasamma	OBG
25	J.Divya	Psychiatric
26	S.Latha	Psychiatric
27	K.Siva Lakshmi	Psychiatric
28	R.Snehalatha	Psychiatric
29	P.Sravani	Psychiatric
30	B.Syamala	Psychiatric

1.5 Master of Physiotherapy

S.No.	Name	Branch
1	S.R.Divya	Cardiovascular & Pulmonary
2	K.Kusuma	Cardiovascular & Pulmonary
3	D.Rathna Kumari	Cardiovascular & Pulmonary
4	B.Harika	Neurology
5	N.Lakshmi Tirupatamma	Neurology
6	T.V.K.Sruthi	Neurology
7	S.Anupriya	Orthopaedics
8	M.Kasturamma	Orthopaedics
9	K.Venkatesh	Orthopaedics
10	K.Mohan Kumar	Orthopaedics
11	D.Chaithanya	Sports
12	K.Nirosha	Sports

1.6 MSc Medical Courses

S.No.	Name	Branch
1	V. Ajai Prasad	Anatomy
2	K.Chetan Kumar	Biochemistry
3	V.Ganesh	Biochemistry
4	P.Gowthami	Biochemistry
5	D.Harika	Microbiology
6	K.Rajashekhar	Microbiology

1.7 MSc Courses

S.No.	Name	Branch
1	S.Apoorva	Biotechnology
2	K.Dhanunjaya	Biotechnology
3	J.Harika	Biotechnology
4	B.Harshavardhan	Biotechnology
5	T.Keerthi	Biotechnology
6	E.Pavani	Biotechnology
7	P.Ramakrishna	Biotechnology
8	B.S.Renuka	Biotechnology
9	E.Samundeswari	Biotechnology
10	M.Sravani	Biotechnology
11	K. Surekha	Biotechnology
12	B.Vahidha	Biotechnology
13	S.Yamini Prahladha	Biotechnology
14	M.Niroosha	Bioinformatics
15	R.Shobha Rani	Bioinformatics
16	P.Sivaranjani	Bioinformatics
17	V.Umakanth Naik	Bioinformatics
18	K.Vanisree	Bioinformatics

1.8 B.Sc Nursing

S.No.	Name	S.No.	Name	S.No.	Name
1	S.Rupa	11	S.Ayesha	21	N.Dhana Lakshmi
2	P.Sai Joshna	12	R.Azbal	22	P.Dharanidevi
3	T.Chandranna	13	K.Balaji	23	D.Divya
4	M.Durgadevi	14	Kanchi Bhagya lakshmi	24	G.Divya
5	S.Mohana Rupa	15	K.Bhagya Lakshmi	25	G.Drakshayani
6	N.Anitha	16	A.Bhargavi	26	M.Gayathri Lakshmi Pathi
7	P.Aparna	17	Y.Bharth kumar	27	B.Geetha
8	G.Archana	18	A.Chendu	28	U.C.Gowtham Baba
9	S.Arifa Bhanu	19	S.Cheshma	29	M.Harshitha
10	T.Avinash	20	P.Devika	30	M.Hemalatha

S.No.	Name	S.No.	Name	S.No.	Name
31	R.Indu	52	M.Pallavi	73	S.Shanu
32	P.Jakir Hussain	53	K. Poojitha	74	K.Sivamma
33	K.Janaki Lakshmi	54	N.Prathyusha	75	A.Sowjanya
34	K. Jeevitha	55	K.Preethi	76	T.Spandana
35	G.Jyothirmai	56	R.Priyanka	77	L.Sravani
36	K.Kalyani	57	G.Rachana	78	M.Sugunamma
37	P.Kaveri	58	B.Radhika	79	S.Sukanya
38	M.Kavitha	59	T.Rajeswari	80	G.Suryam
39	K.Lalitha	60	J.Roja	81	K.Swapna
40	P.Latha	61	A.Rubeena	82	D.Swathi
41	G.Madhavi	62	B.Rupa	83	T.Swathi
42	J.Mahalakshmi	63	R.Rupa	84	T.Tasleem
43	K.Mohan Babu	64	N. Saidhana Rama	85	S.Thejaswi
44	R.Monika	65	M.Saikrishna	86	K.Uzma Oshin
45	D.Mounika	66	K.Sainadh	87	E.Vandana
46	P.Naga Bhargavi	67	O.Sampurna	88	B.Vinod
47	V.Naga Ramesh	68	K.Sandhya Rani	89	A.Kumari
48	N.Nagasulochana	69	Y.Saraswathi	90	C. Mythri Sudha
49	N.Navanitha	70	S.Sasikala	91	S.Amaravathi
50	B.Nirosha	71	H.Satya		
51	S.Nizba	72	P.Shalini		

1.9 Bachelor of Physiotherapy

S.No.	Name	S.No.	Name	S.No.	Name
1	T. Fakurunnisa Tahaseen	16	K. Mounika	32	P.Teja
1	B.Sreevidya	17	T.Nagma	33	C.Thanooja
2	K.Delliprasad	18	D.Poorna	34	A.Usha
3	P.Lakshmi	19	G.Rajeswari	35	K.Vaijayanthi
4	J.Anandh Raj	20	G.Supriya	36	P.Vani
5	K.Anusha	21	M.N.Reddepa	37	P.Amarnath babu
6	O.Bhavana	22	G.Roslin	38	T.Gayatri
7	P.R.Charan Kumar	23	P.Saisree	39	M.Vijayalakshmi
8	S.Dilly Prasad	24	S.Saradha	40	M.Kokila Sai
9	B.Girija	25	N.Siva Harish	41	V.Rishita
10	N.Indiravathi	26	G.Soma sekhar	42	A.Navata
11	J.Jyothi Kiran	27	P.Srivani	43	K.Pushpalatha
12	B.Kranthi Sneha	28	B.Sujatha	44	B.Praveen Kumar
13	C.Lava kumar	29	P.C.Supriya	45	K.Pushpa
14	M.L.Ramya Krishna	30	B.Swaroopa Rani		
15	C.V.Malathi	31	S.Arshad Ali		

1.10 B.Sc Paramedical courses (4 years)

S.No.	Name	Branch	S.No.	Name	Branch
1	P.Dileepvardhan	ECG & CVT	8	K.Durgamma	DT
2	A.Mahesh Babu	ECG & CVT	9	D.Kedharnadh Reddy	DT
3	M.Pallavi	ECG & CVT	10	C.Mahesh	DT
4	M.Rajasekhar Reddy	ECG & CVT	11	T.Nagalakshmi	DT
5	B.Umamaheswara Rao	ECG & CVT	12	R.Manjunath	NMT
6	H.Nizamuddin	ECG & CVT	13	K.Priyanka	NMT
7	T.Anuradha	DT			

1.11 BSc Paramedical courses (3 years)

S.No.	Name	Branch	S.No.	Name	Branch
1	M.Sabiya	MLT	23	P.Harika	AT
2	M.Fathima	MLT	24	A .Padmaja	AT
3	N.Hemani	MLT	25	G.Rajeswara Reddy	AT
4	B.Kataiah	MLT	26	G.Rathnakar	AT
5	M.Koteswara Rao	MLT	27	P.Uday Kumar	AT
6	V.Moulika	MLT	28	V.Usha Sri	AT
7	A .Muni Nagesh	MLT	29	P.Venkateswarlu	AT
8	A.Nagarjuna Reddy	MLT	30	K.Swetha	CPPT
9	T.Poornima	MLT	31	N.Venkateshwaramma	CPPT
10	S.Safiya	MLT	32	B.Akhila	RIT
11	B.Saraswathi	MLT	33	S.R Arun Kumar	RIT
12	A Srinivasulu	MLT	34	M.Dilli Kumar	RIT
13	P.Swarna Latha	MLT	35	B.Divya	RIT
14	T.Vamsi Krishna	MLT	36	P.Padmavathi	RIT
15	P.Vanisree	MLT	37	M.Ravichandra	RIT
16	C.R.Supriya	MLT	38	M.Srikanth	RIT
17	P.Jagadeesh	AT	39	G.Suneetha	RIT
18	V.Akhila	AT	40	V.Thriveni	NT
19	C.Chaithanya	AT	41	D.Mounika	NT
20	C.Chandana	AT	42	A Santhosh Kumar	UT
21	B.Dehendra Babu	AT	43	V.Ramya	UT
22	P.Guru Chandra	AT			

1.12 PG Diploma in Paramedical courses

S.No.	Name	Branch	S.No.	Name	Branch
1	V.Devaraju	MRS	9	R.Babu	DT
2	C.Hari Prasad	MRS	10	N.Dhanalakshmi	DT
3	P.Lakshmi Priya	MRS	11	R.Krishna veni	DT
4	M.Mahendra	MRS	12	L.Madhav	DT
5	B.Narayana	MRS	13	T.Niroopa	DT
6	K.Radha	MRS	14	R.Silpa	DT
7	M.Supraja	MRS	15	G.Subramanyam	DT
8	K.Venkatesh	MRS	16	P.Sulochana	DT

1.13 BPT Condensed course (1.5 years)

S.No.	Name
1	B.Sreeramulu Naik
2	B. Reddibabu

S.No.	Name
3	N.Narayana
4	B.Venkata Ramana

S.No.	Name
5	Y.Srinivasa Chakradhar

1.14 Post Basic Diploma in Nursing

S.No.	Name	Branch	S.No.	Name	Branch
1	S.Ayeesha	C.T. Surgery	7	M.Srinadh	Cardiac intensive care and catheterization laboratory
2	R.Srividya	C.T. Surgery			
3	M.Vishnu Vardhan	C.T. Surgery			
4	P.Vipula Sri	C.T. Surgery	8	A Afreen	Peritoneal Dialysis
5	P.Vinitha Sri	C.T. Surgery	9	S Haritha	Peritoneal Dialysis
6	Shaik.Ayisha Bhanu	Cardiac intensive care and catheterization laboratory	10	S.Jakeer Basha	Haemo Dialysis
			11	V. Srinu	Haemo Dialysis

1.15 Diploma in Radiotherapy Technology

S.No.	Name
1	G.Chiranjeevi
2	B.Vineetha

2.0 Training to the students of other institutions

The students from other institutions for specialty 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 2017, 654 students from various institutes have undergone training. The details are as follows:

2.1 DM Courses

S. No	Name	Course	Institution	Period of Posting	Place of Posting
1	Dr J. Jayanivash	Nephrology	Govt. Stanley Medical College, Chennai	01-30 November 2017	Nephrology
2	Dr S. Manokaran				
3	Dr Ishwarya Annamalai				

2.2 MD Courses

S. No	Name	Course	Institution	Period of Posting	Place of Posting
4	Dr Y.V. Surya Prakash Reddy	Pulmonology	S.V. Medical College, Tirupati	16th January - 15th March 2017	Radiology Cardiology RICU
5	Dr P. Naveen Kumar	Anaesthesia	S.V. Medical College, Tirupati	1st February - 31st March 2017	CT Surgery RICU
6	Dr K. Sudheer	Anesthesia	S. V. Medical College, Tirupati	2nd February - 31st March 2017	RICU CTVS
7	Dr R. Manasa	Psychiatry	Narayana Medical College, Nellore	12th July -11th September 2017	Neurology
8	Dr Udaya Kiran A	Pulmonary Medicine	KIMS, Amalapuram	05th July – 30th September 2017	RICU Medical ICU Cardiology ICU
9	Dr T. Ravi Sankar	General Medicine	Kurnool Medicine College	25th July – 30th September 2017	Neurology Cardiology Medical Oncology Endocrinology
10	Dr K. Sai Kiran				
11	Dr A. Gopichand				
12	Dr V. Aditya				
13	Dr Noorzia Sultana Syed				
14	Dr Y. Raghu Nandini				
15	Dr M.Sai Sarath Reddy	General Medicine	PESIMSR, Kuppam	10th July - 9th September 2017	Cardiology Neurology
16	Dr USA. Kalyan				

17	Dr I. Vineel	Radio diagnosis	PESIMSR, Kuppam	01-31 August 2017	Radio Diagnosis
18	Dr K. Niveditha	Radio-diagnosis	JJM Medical College Davangere	01-30 September 2017	Radio diagnosis
19	Dr Harshitha Reddy	General Medicine	PESIMSR, Kuppam	12th September –11th November 2017	Cardiology Neurology
20	Dr Jyothi Bhumi Reddy	Radio diagnosis	Santhiram Medical College, Nandyal	01-31 October 2017	Radiology Nuclear Medicine
21	Dr Lokesh Padiri	Anesthesia	S.V. Medical College, Tirupati	1st October – 30th November 2017	RICU CTVS
22	Dr G. Swetha Rao	Psychiatry	PESIMSR, Kuppam	01 -31 October 2017	Neurology
23	Dr A. Ravindra babu	General Medicine	KMC, Kurnool	1st October – 25th November 2017	Endocrinology Medical Oncology Cardiology Neurology
24	Dr Bhashyam Kalyan				
25	Dr A. Raghavendra				
26	Dr Sharfaz Ahmed				
27	Dr Sai Prathap Reddy				
28	Dr B. Rajendra Naik				
29	Dr T.G. Poorna Ganesh	Anesthesiology	Santhiram Medical College, Nandyal	12th October – 10th December 2017	CTVS Neuro Surgery RICU
30	Dr K. Divya Teja	General Medicine	Santhiram Medical College, Nandyal	15th September – 15th December 2017	Neurology Rheumatology Cardiology Nephrology
31	Dr B. Srujana				
32	Dr Arshiya Sultana Syeda				
33	Dr S. Srija				
34	Dr K.A. Praveen kumar				
35	Dr Lakshmi Vasudha	Anesthesiology	KIMS & RF, Amalapuram	13th October – 12th December 2017	CT Surgery Anaesthesia ICU (Resp)
36	Dr G. Keerthi Sagar	Psychiatry	PESIMSR, Kuppam	01-31 December 2017	Neurology
37	Dr K.H. Damayanthi	Pathology	Santhiram Medical College & GH, Nandyal	1st December – 31st January 2018	Pathology
38	Dr S. Sarath Krishna	Psychiatry	S.V. Medical College, Tirupati	1st December– 31st January 2018	Neurology
39	Dr A.B. Sainath				
40	Dr S. M.D. Shahid Basha				
41	Dr E.B. Mohan Krishna	Anesthesia	S. V. Medical College, Tirupati	1st December– 31st January 2018	CTVS RICU

2.3 MS Courses

S. No	Name	Course	Institution	Period of Posting	Place of Posting
42	Dr K. Pranitha	General Surgery	Santhiram Medical College, Nandyal	01st August – 30th September 2017	Surgical Oncology Surgical GE
43	Dr M. Vijay Kumar	General Surgery	S.V. Medical College, Tirupati	16th August – 31st December 2017	Surgical GE Surgical Oncology CT Surgery
44	Dr S. Fasiullah				
45	Dr R. Praneeth				
46	Dr D. Vijay Kumar Reddy				
47	Dr M.V. Sunil	General Surgery	S.V. Medical College, Tirupati	1st September– 15th January 2018	Surgical GE Surgical Oncology CT Surgery
48	Dr Y. Chiramala				
49	Dr K. Siva Prasad				
50	Dr M.S. Vamsi				
51	Dr S. Padmanabham	General Surgery	S.V. Medical College, Tirupati	16th September 31st January 2018	Surgical GE Surgical Oncology CT Surgery
52	Dr S. Sravya				
53	Dr KCN. Navya				
54	Dr C. Tejaswini				
55	Dr K.V. Padmaja	OBG	RIMS, Kadapa	1st September – 31st October 2017	Endo, Neph, Card, S.Onco, Urology
56	Dr A.S.K. Neeharika	OBG	S.V. Medical College, Tirupati	01-30 October 2017	Radiotherapy Radiology
57	Dr Y. Anusha				
58	Dr G.C. Lavanya Kumari				
59	Dr M. Vijaya Lakshmi				
60	Dr S. Soumya				
61	Dr B. Gowthami				
62	Dr G.S. Kumuda				
63	Dr V. Venkata Narayana				
64	Dr D. Swetha				
65	Dr B. Saaketh	ENT	S.V. Medical College, Tirupati	16 – 30 November 2017	Surgical Oncology
66	Dr B. Kalyan Vijay Kumar	General Surgery	ASRAM, Eluru	01 - 30 November 2017	Surgical GE

2.4 MDS courses

S. No	Name	Course	Institution	Period of Posting	Place of Posting
67	Dr A.Dimple Grace	Oral & Maxillo Facial Pathology	CKS Teja Institute of Dental Sciences, Tirupati	08th July – 7th November 2017	Pathology Microbiology Dermatology Forensic Medicine
68	Dr U.Sushma				
69	Dr T. Niranjani				
70	Dr M.Rajendran	Oral Medicine & Radiology	CKS Teja Institute of Dental Sciences, Tirupati	1st July – 30th December 2017	Medicine Radiology ENT Dermatology Forensic Med. Emergency Medicine Radiotherapy
71	Dr S.Sai Jyotsna				
72	Dr P. Amarnath Reddy				
73 74 75 76	Dr P. Krishna Sai Prasad Dr M. Anitha Dr C. Narendra Reddy Dr K. Aswini	Oral & Maxillo Facial Surgery)	CKS Teja Institute of Dental Sciences, Tirupati	1st July – 31st December 2017	General Surgery Surgical Oncology Casualty, ENT Ophthal. Neurosurgery Medicine Emergency Medicine

2.5 Pharmacy Courses

S. No	Name	Course	Institution	Period of Posting	Place of Posting
77	Ms Krishna Kumari	D. Pharmacy	SV College of Pharmacy, Chittoor	17th April -16th July 2017	Pharmacy stores
78	Ms. M. Sai Vignesh				
79	Ms.S.K. Rukhya Begum				
80	Ms. Rajiya Sultana	Diploma in BME	SV Govt. Polytechnic, Tirupati	15th May-14th November 2017	Biomedical Engineering
81	Mr. G. Ramya				

Pharm D Courses (S.No. 82 to 348)

The 2nd year (31 Nos.), 3rd year (30 Nos.) and 5th year (31 Nos.) students of Pharm D, Sree Vidyaniketan College of Pharmacy, Rangampet, Chittoor Dist. were permitted for specialty training in the Dept. of Medicine, General Surgery, Pediatrics and psychiatry w.e.f. 1st June to 30th November, 2017.

The 2nd year (30 Nos), 3rd year (30 Nos.), 4th year (30 Nos.) and 5th year (30 Nos.) students of Pharm D course, Seven Hills College of Pharmacy, Venkataramapuram, Tirupati were permitted for specialty training in the Dept. of Medicine, General Surgery, Pediatrics, Psychiatry, Obstetrics & Gynecology and Dermatology w.e.f 15th June 2017 to 30th November 2017.

The 4th year (26 Nos) and 5th year (29 Nos) students of Pharm D Course, Krishna Teja Pharmacy College, Renigunta Road, Tirupati were permitted for specialty training in the Dept. of Medicine, General Surgery, Psychiatry and Obstetrics & Gynecology w.e.f 3rd October 2017 to 3rd February 2018.

The following Internship 6th year students (30 Nos) of Pharm D, Sree Vidyaniketan College of Pharmacy, Rangampet, Chittoor Dist. were permitted for Internship in the Dept. of Orthopedics, Dermatology, Pediatrics, OBG, Psychiatry, General Surgery & Medicine w.e.f 1st August 2017 to 31st December 2017.

S.No.	Name	S.No.	Name	S.No.	Name
349	P. Alekya	359	GN. Jagadeesh Kumar	369	M. Priyanka
350	B. Bhanu Prakash	360	A. Jahnavi	370	K. Purushotham
351	P.Bogeswara Reddy	361	A. Kumar	371	C. Sandhya
352	N. Chaitanya Kumar	362	S. Kush Nimron	372	G.Sreeveena
353	P. Deepika	363	N. Lakshmi Sowjanya	373	G. Sreepriya
354	T. Devi Priya	364	P. Lalith Kumar	374	G. Srisatya
355	T. Haritha	365	S. Lokeswara Reddy	375	B. Vishwas Vardhan Raj
356	Y. Haritha	366	L. Maneesha	376	S. Deepika
357	O. Havilah	367	Y. Nagaraju	377	M. Muni Sankari
358	K. Himadeepika	368	C. Pavithra	378	P. Santhi

The following Internship 6th year students (28 Nos) of Pharm D course, Seven Hills College of Pharmacy, Venkataramapuram, Tirupati were permitted for Internship in the Dept. of ENT, Dermatology, Pediatrics, OBG, Psychiatry, General Surgery and Medicine w.e.f. 5th August 2017 to 30th June 2018.

S.No.	Name	S.No.	Name	S.No.	Name
379	Mundlapati akhila priya darshini	389	Potluri Maheswari	399	Nallayula soundarya
380	Mukku aparna	390	BL Nissy Haveela	400	Mallu sowmya
381	Nallipalli bhanu	391	M. pavan kumar	401	Malli chetty sravan
382	Tiriveedhi charan teja	392	Shaik peddasubahan	402	Ellamapati Sunil kumar
383	Syed firdose basha	393	Palagiri Prasanthi	403	Srikaram venkata kiran
384	Mogarala harika	394	B. Rajesh naik	404	Kundurthi vennela
385	Kureti harsha vardhan rao	395	Pulagura roopika	405	Vannurappagari vinay
386	Singaraju ijitha	396	B. Sai Priyanka Singh	406	P. yamini
387	Gampa Jashnavi Priya	397	Duppala sireesha	407	M. Hyndhavi
388	E. Komala	398	S. Sirisha		

2.6 BSc (N) (Sl.No.408 to 536)

The 3rd year students of B.Sc(N) (92 Nos.) from Sri Padmavathamma Govt. College of Nursing, SVRRGGH, Tirupati were permitted for specialty training in the Dept. of Medical Oncology, Surgical Oncology, Radiation Oncology, for a period of seven (7) months w.e.f 06/02/2017 to 09/09/2017.

The 3rd year students of B.Sc (N) (37 nos.) from Sri Vidyaniketan College of Nursing, Rangampet, Chittoor Dist. were permitted for specialty training in the Dept. of Medical Oncology, Surgical Oncology, Radiation Oncology, Neurology & Neurosurgery for a period of one (01) month w.e.f 01/03/2017 to 31/03/2017.

2.7 Alternative Medicine

S. No	Name	Course	Institution	Period of Posting	Place of Posting
537	Dr K. Bhaskar Gowd	MS (Ayurveda Surgery) (Shalya)	S.V. Ayurvedic College, Tirupati.	15th September 14th November 2017	General Surgery
538	Dr P. Bala Krishna	MS (Ayurveda)	S.V. Ayurvedic College,	15th November	General
539 540	Dr E. Rupeesh Dr R. Uma Devi	Surgery (Shalya)	Tirupati.	14th January 2017	Surgery

The following Internship students of BAMS Course, SV Ayurveda College, Tirupati were permitted for specialty training in the Dept. of Emergency Medicine, Medicine & General Surgery for a period of ten days in each specialty during 1st January 2017 to 30th June 2017.

S.No.	Name
541	Dr G. Vidya Rani
542	Dr K.Lekha Sri
543	Dr D. Karthik
544	Dr C. Sireesha
545	Dr B. Blessy Naveena
546	Dr R. Sunil Kumar Raju
547	Dr D. Suresh Babu

S.No.	Name
548	Dr Sk. Mukarram Basha
549	Dr Akshay Kulkarni
550	Dr V. Priyanki
551	Dr M. Ragamanasa
552	Dr M. Teja Kiran Kumar
553	Dr M. Prathyusha
554	Dr P. Gayathri

S.No.	Name
555	Dr G. Devika
556	Dr V. Lakshmi Deepthi
557	Dr SK. Siva
558	Dr I. Mahesh
559	Dr D. Mounica Sravanthi
560	Dr D. Mounica Sravanthi

The following Internship students of BAMS Course, SV Ayurveda College, Tirupati were permitted for specialty training in the Dept. of Emergency Medicine, Medicine & General Surgery for a period of ten days in each specialty during 1st September 2017 to 31st December 2017.

S.No.	Name
561	Dr M. Ashok Naik
562	Dr V. Satya Sai
563	Dr K. Sireesha
564	Dr G. Greeshma
565	Dr A. Geetanjali
566	Dr E. Rachana

S.No.	Name
567	Dr V. Srujan
568	Dr A. Harsitha
569	Dr T. Alekhya
570	Dr B. Venkareswarlu
571	Dr V. Sai Kutty
572	Dr A. Revathi

S.No.	Name
573	Dr SK. Nazma Taj
574	Dr P. Neeraja
575	Dr v. Chitra
576	Dr Ch. Aswanth
577	Dr D. Mohan Kumar
578	Dr G. Vijaya

2.8 PhD, Paramedical, Life Sciences etc.

S. No	Name	Course	Institution	Period of Posting	Place of Posting
579	Ms C. Sai Prasanna	B.Sc (ASLP)	AYJNIHH (SRC), Secunderabad	1st January – 28th February 2017	Neurology
580	Ms P. Madhuri				
581	Ms E. Meenakshi Devi				
582	Ms. R. Sahana	B.Sc(CPPT)	Madras Medical Mission, Chennai	2nd May2017 – 31st May 2017	C.T. Surgery
583	Ms. P. Vahini	M.Sc Microbiology	SV University, Tirupati	5th June 2017 – 4th July 2017	Microbiology
584	Ms. N. Hamsalekha	M.Sc Bio technology	VIT University, Vellore	5th June – 4th July 2017	Biotechnology
585	Ms. Aiswarya Acharya				
586	Ms.Aditi Bhatt				
587	Mr. PVS Akshay	M.Sc Microbiology	SRM University Kancheepuram	5th June – 4th July 2017	Microbiology
588	Mr. B. Veerendranath	B.Tech (BME)	Sri Ramaswamy Memorial University, TN	15th June – 14th July 2017	Biomedical Engineering
589	Mr.Y. Komal				
590	Ms D.Nikitha	B.Sc (ASLP)	AYJNIHH (SRC), Secunderabad	1st July – 31st August 2017	Neurology
591	Ms. Sai Sudha				
592	Ms. R. Kavya				
593	Ms. K. Roja	M.Sc Microbiology	SV University, Tirupati	10th July – 9th August 2017	Microbiology
594	Mr.S.Uday Kumar Reddy	B.Tech (BME)	Bharath Institute of Science & Technology, Chennai	1st June – 30th June 2017	Biomedical Engineering
595	Mr. K. E. Venu	Dip in DT	S.V. College of Medical Technology, Tirupati	24th July 2017 – 23rd September 17	Nephrology
596	Mr. D. Satish				
597	Mr. C. Sai Prasanth				
598	Mr. G. Narasimhulu				
599	Mr.G. Rekha				
600	Mr. T. Madhukrishna				
601	Mr.K.Kannan Srikanth	B.Tech (BME)	SRM University, Kanchipuram, TN	20th June – 19th July 2017	Neurology

602	Ms. E. Deepa	MSW	SPMVV, Tirupati	16th August - 16th March 2018	Nephrology Medical Onco Surgical Onco Radiotherapy
603	Ms. M. Shobana Bai				
604	Ms. B. Muni Yamuna				
605	Ms.R. Lohitha	M.Sc Microbiology	SV University, Tirupati	01st September 2017 30th September 2017	Microbiology
606	Ms.S.N.Fathima Aazmi				
607	Ms.A.Vijaya Lakshmi				
608	Ms. N.B.Lavanya	B.Sc (ASLP)	AYJNIHH (SRC), Secunderabad	1st November 2017 – 31st Dec, 2017	Neurology
609	Ms.T. Asha Grace				
610	Ms. S. Kaviya				
611	D.Suresh Naik	Dip. Cardio & Dip. ECG	S.V. Medical College, Tirupati	1st December 2017 - 31st January 2018	Cardiology
612	K. Sai Rushitha Naidu				
613	A. Nagesh				
614	K. Krishna Rao				
615	N.Kaveri				
616	M. Lava Kumar				
617	S. Mayuri				
618	M. Sharath				
619	Chandhra				
620	B. Pavithra P. Bhavyasree				

The following II Semester students of M.Sc Animal Biotechnology Course, SV University, Tirupati were permitted to visit the Biotechnology Department on 17/03/2017.

S.No.	Name
621	Heena Asra
622	Hima Soundarya Bachu
623	Pavan Kumar Bhupathi
624	Rana Prathap . C
625	S. Reddy Chilekampalli
626	Dhanireddy Suvarneswari
627	Poornima Gaggulapalli
628	Vinitha Gorantla
629	Ramanjaneyulu Jikki
630	Sukanya K

S.No.	Name
631	Dayakar Kagithala
632	Mahesh Kalagandha
633	K. Malathi
634	Vanaja Krishnareddy gari
635	Akhila Kuruva
636	M. Mahesh
637	Munikrishna Madasu
638	M. Viswanatha
639	Karthik Kumar Mare
640	Syamu Ontela

S.No.	Name
641	Jagadeeswar pakkapoti
642	Gayathri Palwadi
643	Kundan Kumar Param
644	Bharathi Pasupuleti
645	Bhulakshmi Petlu
646	Raveen Varma R.S
647	Gousunnisha S.A
648	Prudvi Santhapalle
649	Sravani Sumanani
650	Mounica Yadagiri

The 1st Year students of M.Sc Nursing Course, Sri Padmavathamma Govt. College of Nursing, SVRRGGH, Tirupati were permitted for clinical training in the Depts. of Medical Oncology, Surgical Oncology & Radiation Oncology for a period of 10 days w.e.f. 27/03/2017 to 08/04/2017 and Dept. of Cardiology for a period of 12 days w.e.f. 11/09/2017 to 23/09/2017

S.No.	Name
651	Ms. Bindu
652	Ms. Joshna

S.No.	Name
653	Ms. Naga Jyothi
654	Ms. Rama Devi

3.0 Establishment Section

The Establishment Section (HR Department) in SVIMS deals with the employees of SVIMS i.e. recruitment, maintaining services registers, salary processing and disbursement, leave sanction, issue of periodical annual increments, declaration of probation, promotions, automatic advancement scheme, Leave travel concession, educational reimbursement, medical reimbursement, representation of institute by faculty in academic assemblies national, representation of institute by faculty in academic assemblies – international grievances and complaints procedure, disciplinary action, pension, income tax, EPF, loans under GPF, EPF loans / withdrawals, retirement, welfare measures, centralized institute tapal (inward and outward), centralized dispatch (postal), PGs stipend, permanent advance and record maintenance.

Recruitment & Selection Process

This year, two Security Officers were selected and recruited through paper notification and Selection Committee.

Employee Statistics

Faculty (Medical) – Regular & Adhoc

S.No.	Cadre	Male	Female	Total
1	Senior Professor	04	01	05
2	Professor	26	05	31
3	Additional Professor	03	01	04
4	Associate Professor	23	10	33
5	Assistant Professor	70	29	99
6	Chief Medical Officer (SAG)	01	-	01
7	Chief Medical Officer (NFSG)	01	01	02
8	Senior Medical Officer	04	02	06
9	Medical Officer (RMO i/c)	01	-	01
	TOTAL	**133**	**49**	**182**

Faculty on compulsory service:

S.No.	Cadre	Male	Female	Total
1	Lecturer/ Resident Specialist	12	24	36
2	Asst. prof./ Resident Super Specialist	24	01	25
	TOTAL	**36**	**25**	**61**

Residents

S.No.	Cadre	Male	Female	Total
1	PG Junior Residents (MD)	38	41	79
2	Non-PG Junior Residents	13	18	31
3	PG Senior Residents (DM/MCh/PDF)	58	12	70
4	Non-PG Senior Residents	15	27	42
	TOTAL	**124**	**98**	**222**

Non-Faculty - Regular

S.No.	Cadre	Male	Female	Total
1	Officer Cadre	21	15	36
2	Ministerial Staff	30	07	37
3	Paramedical Staff	69	53	122
4	Nursing Staff	01	121	122
5	University Staff	06	24	30
	TOTAL	**127**	**220**	**347**

Non Faculty - Adhoc

S.No.	Cadre	Male	Female	Total
1	Staff Nurse	-	62	62
2	Teaching Assistant	01	01	02
3	Physical Director	01	-	01
4	Bio-statistician cum Research co-ordinator	01	-	01
5	Tutors	-	02	02
6	O.T. Assistant	02	01	03
7	Perfusionist	-	01	01
8	Lab Technician	-	01	01
9	House Keeper	-	01	01
10	Security Officer	02	-	02
11	Medical Physicist	01	01	02
12	Public Health Nurse	01	-	01
13	Network Administrator	01	-	01
	TOTAL	**10**	**70**	**80**

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 joined on Adhoc basis during the year 2017

S.No.	Name of the candidate	Department	Designation
1.	Dr Battalapalli Srihari Rao	General Surgery	Professor
2.	Dr P. Indiradevi	OBG	Professor
3.	Dr S. Madhu Babu	Dentistry	Associate Professor
4.	Dr R. Altaf Hussain	Community Medicine	-do-
5.	Dr D. Bhargavi	Medical Oncology	-do-
6.	Dr R.G. Balambika	Medical Oncology	Assistant Professor
7.	Dr Galeti Chandra Sekhar	Forensic Medicine	-do-
8.	Dr V. Sri Karthik	General Surgery	-do-
9.	Dr K. Saitheja	General Surgery	-do-
10.	Dr T. Yaswanth	General Surgery	-do-
11.	Dr M.C. Narendra	General Surgery	-do-
12.	Dr K. Chandrakant	General Medicine	-do-
13.	Dr Sandeep Reddy	General Medicine	-do-
14.	Dr M. Lakshmi Prathima	ENT	-do-
15.	Dr S. Shalini	Community Medicine	-do-
16.	Dr B. Arun Kumar	Community Medicine	-do-
17.	Dr A. Sreelekha	Pathology	-do-
18.	Dr V. Siva Kumar	Pathology	-do-
19.	Dr M. Alekhya	Pathology	-do-
20.	Dr Gireesh	Nephrology	-do-
21.	Dr Vishnu Prasad. Y	Emergency Medicine	-do-
22.	Dr P. Prabhanjan kumar	Ophthalmology	-do-
23.	Dr Dinakar Kootala	Radiotherapy	-do-
24.	Dr Rinu Dwivedi	Paediatrics	-do-
25.	Dr N. Ramakrishna	Microbiology	-do-
26.	Dr R. Sri Devi	Anaesthesiology	-do-
27.	Dr D.S.P. Chaitanya Deep	Radiology	-do-
28.	Dr Aparna Reddy Sabella	Rheumatology	-do-
29.	Dr Kalyan .G	Urology	-do-
30.	Dr V.Naga Durga Prasad	C.T. Surgery	Asst. Prof/ Resident Super specialist
31.	Dr K. Venkat	Neurosurgery	-do-
32.	Dr Mohan Sasank Deevi	Neurosurgery	-do-
33.	Dr Sudharsan Agarwal	Neurosurgery	-do-
34.	Dr K. Anil Kumar	Neurology	-do-
35.	Dr Sarat.M	Neurology	-do-
36.	Dr G. Pavankumar Reddy	Neurology	-do-
37.	Dr D.V. Seshagiri	Neurology	-do-
38.	Dr Harshavardhan E.V	Cardiology	-do-

39.	Dr C. Kapil	Cardiology	-do-
40.	Dr P. Sudhakar Reddy	Cardiology	-do-
41.	Dr T. Naresh Arava	Cardiology	-do-
42.	Dr B. Sunil Abhishek	Cardiology	-do-
43.	O. Harish	Cardiology	-do-
44.	Dr B. Bharat	Endocrinology	-do-
45.	Dr G. Praveen Kumar	Endocrinology	-do-
46.	Dr D. Ramesh	Urology	-do-
47.	Dr Venkata Chaithanya	Urology	-do-
48.	Dr Anil Kumar C. Venkata	Nephrology	-do-
49.	Dr Harikrishna Reddy .M	Nephrology	-do-
50.	Dr Sriharsha Haranadh	Surgical Oncology	-do-
51.	Dr R.E. Azhagamuthu	Surgical Oncology	-do-
52.	Dr Varun Dasari	Surgical G.E	-do-
53.	Dr N. Vikas	Medical College Hospital	Medical Officer RMO i/c
54.	Dr K.V.S.Sharma	Community medicine	Bio-statistician cum Research Coordinator

The following Non Faculty were joined on Adhoc basis during the year 2017

Sl.No.	Name of the Faculty	Designation	Department
01	V.Pranaya Teja	Network Administrator	A.D (G.M) Section
02	B.Prakash	Security Officer	A.D (G.M) Section
03	N.Vijaya Bhaskar	Security Officer	A.D (G.M) Section
04	P.Santhosh Kumar	Teaching Assistant	Bio Technology Dept.

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. It is a system to ensure that goals are consistently met in an effective and efficient manner, which is supported by giving and receiving of feedback. 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 competencies and personal competencies and also includes any suggestions for development by the superior. Performance assessment is carried out at all levels of the employees. The employees are awarded 'Meritorious certificates' on the Republic Day celebrations conducted by the Institute.

On the eve of 68th Republic Day celebrations held on 26.02.2017, the following employees were awarded with meritorious certificates.

S.No	Name of the Employee	Designation	Department
1.	Dr P.V.L.N Srinivasa Rao	Senior Professor	Biochemistry
2.	Dr N.Adikrishnaiah	Personnel Manager	Establishment Section
3.	P.C.S. Sanjeevaiah	Account Officer	Account Department
4.	Dr K.Madhavi	Professor & Principal i/c	COP
5.	Dr Y. Venkatarama Reddy	Dy. Director (PR)	Public Relations Office
6.	Dr M.Yerrama Reddy	Deputy Register	Academic Section
7.	V.Sudarshan	M.C.P.O	Academic Section
8.	L.Sateesh	Assistant Director	CE Section
9.	V.Sasikala	Assistant Director	Establishment Section
10.	N.Venkateswara Prasad	M..S.W	M.S.W Section
11.	K.Mohan Srinivasa Royal	Superintendent	MRD
12.	V.Sreedhar Raju	Superintendent	Purchase Section
13.	K.Bharathi	Superintendent	Establishment Section
14.	N.S.R.Muralikrishna	Assistant MRO	MRD
15.	A.R.Nagendra Babu	Senior Assistant	DR NTR VSS & EHS
16.	C.Murali	Junior Assistant	Establishment Section
17.	A.T.Lakshmipathi	Refrigeration Mechanic	Electrical (E.E)
18.	V.Jayaramaiah	Driver	AD (G.M (O))
19.	P.Damodaram	Dy. Executive Engineer (TTD)	Engineering Section
20.	M.U.Shareef	Dy. Executive Engineer (TTD)	Engineering Section
21.	V.Rajasekhar	Assistant Director	Public Relations Office
22.	M.V.Ranga Rao	Ultrasound Technician Gr.I	Radiology
23.	V.Yadagiri	R.O. Technician Gr-I	Radiation Oncology
24.	E.G.T.V.Kumar	Lab Technician Gr – I	Endocrinology
25.	C.Sailaja	Lab Technician Gr – II	Biochemistry
26.	T.Amudavalli	Cath Lab Technician	Cardiology
27.	C.S.Yagalatha	Lab Technician Gr – II	Pathology
28.	M.Chennarao	Lab Technician Gr – II	Anaesthesiology
29.	S.Roop Naik	Lab Technician Gr – II	Endocrinology
30.	P.Venkateswarulu	OT Assistant (Adhoc)	Anaesthesiology
31.	J.M.Malathi	Head Nurse	Neurology ICU
32.	V.Radha Rani	Head Nurse	Nursing Supdt.
33.	M.Sarada	Head Nurse	Nephrology
34.	Senthamiz Selvi	Staff Nurse	Surgical Oncology
35.	J.Hemalatha	Staff Nurse	Urology Recovery
36.	B.Manjula	Staff Nurse	General Surgery
37.	S.Lakshmamma	Staff Nurse	C.T. Surgery
38.	J.Vani	Staff Nurse	Neurosurgery
39.	D.Hemavathi	Staff Nurse	Cardiology ICCU
40.	D.Manjuvani	Staff Nurse	Nursing
41.	A.Rajeswari	Staff Nurse	Nursing
42.	M.Samanthakamani	ANM	Emergency Medicine
43.	C.Govardhan	Tutor	COP
44.	K.Bujji	Tutor (Adhoc)	CON
45.	N.Ravina Madhulitha	Teaching Assistant (Adhoc)	Bioinformatics

Apart from the regular staff, the outsourcing staff – 49 Nos. (Skilled, Semi-skilled and Unskilled category) who contributed their outstanding services to the patient care were awarded cash prizes.

E-Office:

Implementation of e-office by Government of Andhra Pradesh is under process now achieving paperless administration in the near future.

Employees Superannuated in the year 2017

Dr V. Siva Kumar, Senior Professor of Nephrology

He was initially appointed as Professor on 29-10-2001. He served the Institute for 17 years i.e., w.e.f. 29.10.2001 to 28.02.2017. He was retired on 28.02.2017, on attaining the age of 62 years.

On the day of retirement he was given the retirement benefits such as Retirement Gratuity, Commutation of Pension, Encashment of Earned leave, Total GPF contribution, 5 gms Srivari Gold Dollar, Srivari Prasadam – One big Laddu and vada

Employee Welfare Measures

1. The Pay of the employees working on Adhoc basis was increased and fixed at the minimum of the scale of pay attached to the post, with the approval of Finance Committee.

2. On recognizing an employee on their birthdays making them to saple a tree w.e.f. 2017, nearly 800 plants were sapled this year not only as a welfare measure but also improving greenary in the SVIMS campus.

3. The Pay of the PG Senior / Junior Residents was increased w.e.f. December 2017 with the approval of Finance Committee.

VIII FINANCE & ACCOUNTS (2015-16)

VIII Finance & Accounts (2016-17)

1.0 Institute Finance

All the bills for payment submitted by different departments are verified in the Accounts Section & Cheques issued after scrutinizing the bills 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., All the accounts will be complied and submitted to Income Tax Department through Chartered Accountant after Audit. Further, all vouchers are scrutinized by the State Audit as well as AG audit personnel from State & Central Government.

2.0 Balance Sheet as on 31.03.2017

Liabilities	**Amount as on 31.03.2017 (Rs.)**	**Assets**	**Amount as on 31.03.2017 (Rs.)**
Capital Fund	**3,53,98,04,833**	**Fixed Assets**	**1,10,58,54,822**
Current Liabilities	**45,11,36,273**	**Investments**	**1,69,92,19,933**
Research Projects	89,54,233	Endowment Deposits	1,14,57,707
		Provident Fund Deposits	18,79,20,625
EMD and Other Deposits	7,64,31,853	Research Fund Deposits	81,33,64,093
Fellowship	15,24,523	SVIMS Corpus Fund Deposits	27,92,34,079
Advances payable	13,12,62,143	Pension & Gratuity Deposits	40,07,65,369
University Deposits	91,78,772	SBAVP Deposits with TTD	64,78,060
Creditors outstanding	15,97,32,537	**Current Assets**	**86,84,48,941**
Outstanding expenditure	4,90,33,073	Closing Stock	8,08,25,761
Scholarship	37,19,260	Deposits (Assets)	14,94,20,000
Staff Pay & Allowances recoveries	1,12,99,879	Loans & Advances (Asset)	2,49,38,828
		Sundry Debtors	38,18,21,732
		Bank Accounts	8,86,75,499
		Income Outstanding	1,46,80,702
		Scientific Research Balance	69,10,476
		Cash in Hand	12,26,854
		TDS Receivable	11,99,49,088
		Excess of expenditure over Income	31,74,17,410
Total	**3,99,09,41,106**	**Total**	**3,99,09,41,106**

3.0 Concessions given to patients from (01.04.2016 to 31.03.2017)

S.No.	Month & year	Amount Rs.
1	April, 16	16,50,50,499
2	May, 16	1,67,66,144
3	June, 16	1,78,33,111
4	July, 16	1,67,98,569
5	August, 16	1,81,35,766
6	September, 16	8,35,03,737
7	October, 16	1,68,30,835
8	November, 16	1,80,59,846
9	December, 16	1,81,52,798
10	January, 17	1,99,67,421
11	February, 17	1,96,44,212
12	March, 17	3,40,56,700
	Total	**44,47,99,638**

4.0 Donations received

(01.04.2016 to 31.03.2017)

S.No.	Name of the scheme	Amount (Rs.)
1	General Donations	53,192
2	Research Chair Donations	5,50,000
3	R&D Donations	42,61,14,805
4	Donation for purchase of equipments	3,12,000

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 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.

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. Recently the 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 Piligrims.

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 & 175% exemption on business income.

The institute received Rs. 42,61,14,805/- donations under Sri Balaji Aarogya Vara Prasadini Scheme for the financial year 2016-17. The list of donors who donated Rs.5 lakhs and above are as detailed below:

S.No	Particulars	Amount
1.	M/S.Vital Laboratories Pvt. Ltd., Plot No.48, 2nd Floor, Service Road, Parllel To Western Express Highway, Near Hanuman Temple, Vile Parle, Mumbai-400057.	121000000
2.	M/S.Anjana Software Solutions Pvt., Module 306, B 24, Guindy Industrial Estate, NSIC Software Technology Park, Ekkaduthangal, Chennai - 600 032.	15000000
3.	M/S.Zeus Air Services Pvt. Ltd., 119, Adarsh Industrial Estate, Sahar Road, Chakala, Andheri (East), Mumbai - 400 099.	10000000
4.	Sri.Prashanth Narayan, No. 100 (Old No. 33), Sannidhi Road, Basavanagudi, Bangalore - 560 004.	10000000
5.	M/S.Vasantha Tool Crafts Pvt. Ltd., Plot No.: 33 & 34, IDA Balanagar, Hyderabad-500037.	10000000
6.	M/s. Ambuja Intermediates Pvt. Ltd., Prarthana Samaj Branch, Mumbai - 400 004.	10000000
7.	M/S. Atin Promotions & Advertising Pvt. Ltd., 19, Avenue 5, Road No. 8, Banjara Hills, Hyd- 34.	5000000
8.	M/S. Autotech Industries (India) Pvt. Ltd., Sp - 114, Ambattur Industrial Estate, Ambattur, Chennai - 600 058.	4000000
9.	M/S.The Chennai Silks, No. 23, Usman Road, T.Nagar, Chennai - 600 017.	4000000
10.	M/S.Chandra Prabhu TTD Charities, 244, Carex Centre, Anna Salai, Chennai - 600 006.	3400000
11.	Smt. Latha Jain, 1c/5, New Rohtak Road, New Delhi - 110 005.	3300000
12.	M/s. Tirubala International Pvt. Ltd., C-7, Panki Industrial Area Site-1, Kanpur, Uttar Pradesh-208022.	3100000
13.	M/S.SRC Company Infra Pvt Ltd,A,704,The Platina, Adjacent Hotel,Radissou, Anjaiah Nagar,Gachibowli,Hyd.	3000348
14.	Smt.D.Anuradha, W/O.D.Dhandapani, No. 51, Balasundaram Road, Coimbatore - 641 018.	3000000
15.	M/S.Ramco Industries Ltd., ' Auras Corporate Centre' Vi Floor, 98-A, Dr Radhakrishnan Road, P.B.No. 2949, Mylapore, Chennai - 600 004.	3000000
16.	M/S.Ganesh Grains Ltd., 32, Rowland Road, Kolkata - 700 020.	2500000
17.	M/S.Ascom Infotech Pvt. Ltd., 03-04, Parekh Market, 39, Kennedy Bridge, Opera House, Mumbai - 400 004.	2500000
18.	M/S.Rolta Foundation , Maker Tower 'F', Premises Co-Operative Society Ltd. No. 211, 21st Floor, Cuffe Parade, Colaba , Mumbai - 400 05.	2500000
19.	Sri.Arun Agarwal, A-1/22,Safdarjung Enclave,New Delhi-110029.	2060000
20.	M/S.Rudira Aqua Limited, 16/3/554, Ramamurthy Nagar, Nellore - 524 003.	2022000
21.	M/S.Lgc Promochem India Private Limited, 488 R, 4th Floor, Vitc Model Export Bhavan, 14th Cross, Peenya, Industrial Area, Bangalore - 560 058.	2012000
22.	M/S.Andhra Cement Carrier, VRAJ Group, Unit No.2, B Wing, 7th Floor, Times Square, Andheri - Kurla Road, Marol, Andheri (East), Mumbai - 400 059.	2000000
23.	M/S. Sundari Silks, 38, North Usman Street, T- Nagar, Chennai-600017.	2000000
24.	Sri V.Subrahmaniya Pillai, Mra 191, Ottukal Street, Sauparnika Lane, Mani Bhavan, Trivandrum, Kerala-695024.	2000000
25.	M/S. A Star Testing And Inspection Private Ltd., 64, Thalaivan Vilai, Muthumotan Mozhi (Po), Thisalyan Vilai (Via), Tirunelveli Dist., Tamil Nadu. Pin Code - 627 651.	2000000

26.	Sri.G.Bala Krishnan, 64, Thalaivan Vilai, Muthumotan Mozhi (Po), Thisalyan Vilai (Via), Tirunelveli Dist., Tamil Nadu. Pin Code - 627 651.	2000000
27.	M/s.S & S Foundations (P) Ltd., 45, Giriappa Road, T. Nagar, Chennai - 600 017. Tamil Nadu.	2000000
28.	M/S.Prist University, Vallam Post, Tanjavur	2000000
29.	M/S.Spt Investment Advisory Services Private Ltd., 6/40, Tardeo Ac Market, Tardeo, Mumbai - 400 034.	2000000
30.	M/S.Venkatarama Chemicals, B - 604, 6th Floor, (The Platina Near), Radisson Hotel, Gachibowli, Hyderabad - 500 032.	2000000
31.	M/S. Jupiter Dyechem Pvt. Ltd., 92&93, 9th Floor, 'A' Mittal Court, Noriman Point, Mumbai-400021	2000000
32.	M/S.Rathi & Rathi Hosiery Traders Pvt. Ltd., New # 56, Pachaiyappa's Hostel Road, Chetpet, Chennai - 600 031.	2000000
33.	M/S.Tirumala Seven Hills Pvt., Ltd., 40, Standard Road, 3rd Floor, Room No. 10, Kolkata, West Bengal - 700 001.	2000000
34.	M/S. Suryalata Spinning Mills Ltd., 1st Floor, Surya Towers, 105, S.P.Road, Secunderabad-500003.	1500000
35.	Dr K.Venkatesan, E - 3/A, Rain Tree Apartments, 21, Venus Colony, Second Cross Street, Alwarpet, Chennai - 600 018.	1500000
36.	Sri Venkatesh Ramachandran, Jayantha Shree Akshaya Apartment, W407-F2, First Street, C-Sector, Anna Nagar, West Extension, Chennai - 600 101.	1251000
37.	M/S.Raghupati Wires India Private Ltd., Jeedimetla, Hyderabad - 500 055.	1111111
38.	Sri Suman Fatanchand Nagar, B-1 Aashiyana Park, Narth Main Road, Koregaon Park, Pune, Maharashtra-411001.	1100101
39.	M/S.Vibes Healthcare Ltd., 3, Southern Avenue Kolkatta -700 029. Pb Issued To M/S.Vibes Healthcare Ltd., D- 5, Ground Floor, Hauz Khas, New Delhi-110 016.	1100000
40.	M/S. Om Telecom Logistics Pvt. Ltd., 130, Transport Centre, Punjabi Bagh, New Delhi-110 035.	1100000
41.	M/S.Stbl Projects Ltd., Plot No. 105, Lakshmi Narasimha Gardens, Kappujagga Raju Peta, Duvada (P), Visakhapatnam - 46.	1100000
42.	M/S.Jaykal Exports Pvt. Ltd., 3 A, Victoria Plaza, 3rd Floor, S.V.Road, Santacruz (W), Mumbai - 400 054.	1100000
43.	M/S. Triveni Engicons Pvt. Ltd., 3/6, H.S.Tower, L - Road, Bistupur, Jamshedpur - 831 001, East Singhbhum, Jharkhand.	1100000
44.	M/S.Helicon Trading House Pvt. Ltd., D.No.: 147, Sector - 49, Noida. Mobile No.: (0) 98111 54036.	1100000
45.	M/S.Om Logistics Ltd., Plot No. 130, Transport Centre, Punjabi Bagh, New Delhi -110 035.	1100000
46.	Sri Venkateswara Rao.Moka, Flat # 307, B.M.Greenwoods Apartments, Doddakannalli, Sarjapura Road, Bangalore-560035.	1070000
47.	M/S.Jesai Healthcare (India) Pvt. Ltd., 91 To 93, Nehru Street, B.R.Puram, Peelamedu, Coimbatore - 641 004.	1052017
48.	Sri.Abhishek Sachin Daga, 1-1-219, Flat No. G 6, ESSJAY Fortune Apt., Opp. Varun Motors Service Centre, Begumpet, Hyderabad - 16.	1025000
49.	M/S.Lasha Exports Limited, 16/3/554, Rama Murthy Nagar, Nellore - 524 003.	1011000
50.	Dr Ranjeet Sharad Chidgupkar, 16/23 Mangalwar Peth, Miraj-416410, Sangali, Maharastra.	1010000
51.	S.Parabrahmaiah, S.Bala Durga Rajya Lakshmi, H.No.1-182, Hanuman Peta, Malkaj Giri (West), Hyderabad - 500 047.	1002006
52.	M/S. Lucky Retail Stores, D.No: 28-2-14/A, Jagadamba Center, Visakhapatnam-530001.	1001145

53.	Sri.Prasad Baddepudi, Plot No. 230, 3rd Main Road, Venkatraman Nagar, Hastinapuram, Chennai - 600 064.	1001116
54.	M/S. Indian Sap Consultant, 397 Rainbow Drive, Sarjapura Road, Bangalore-560035.	1001116
55.	M/S.Arss Infrastructure Projects Ltd., Sector - A, Zone - D, Plot - 38, Mancheswar Industrial Estate, Bbsr - 751 010, Odisha.	1001000
56.	Mrs. Indira, M/S. Lawspet Medicals, 45 - Subramaniam Koil Street, Lawspet, Puducherry.	1001000
57.	M/S.Shivam Condev Pvt. Ltd., Plot No. 971, Mahandi Vihar, Chauligani, Cuttack - 753 004., Odisha.	1001000
58.	M/S.V.G.P.Enterprises, 224, 3rd Cross, Konankunte, New Bank Colony, Banglore - 560 062	1001000
59.	M/S.Jayaram Jeweller, 238, Big Bazaar Street, Surya Complex, Coimbatore - 641 001.	1001000
60.	Sri Shailesh Rathi, Madhuram, Shastri Marg, Vallabh Vidyanagar, Anand, Gujarat-388120.	1001000
61.	M/S.M.R.Technofin Consultants Pvt. Ltd., G - 507, Kailas Industrial Complex, Park Site, Vikhroli (West), Mumbai - 400 079.	1001000
62.	Sri.Alur Ramesh And Alur Sowmya, 7-1-77/C, Dharam Karan Road, Ameerpet Begumpet Post, Hyderabad - 500 016.	1000116
63.	Arogya Dhanvanthari Medical & General Stores, S.No.: 6 & 7, Ganapathi Chambers, Near Railway Reservation Counter, Dr A.S.Rao Nagar, Main Road, Ecil, Hyderabad.	1000116
64.	Sri P.Krishna Murthy, No:8-2-22/1/A, Pratap Nagar, Sri Nagar Colony Road, Panjagutta, Hyderabad.	1000116
65.	M/S.Vital Therapeutics Pvt. Ltd., # 6-2-119/1, Behind Veterinary Hospital, New Boiguda, Secunderabad - 500 003.	1000116
66.	M/S.Veerabhadra Mines & Minerals, 10/07, Indu Fortune Field Apartments, 13th Phase, KPHB Colony, Hyderabad - 500 073.	1000116
67.	Sri.Sushma Sree,2 LH1704, Khaja Guda, Lanco Hills,Hyd-500032.	1000116
68.	M/S. Mandir Associates, Plot No.2, Jeera, Secunderabad-500003.	1000044
69.	Sri G.Ramesh, 16-3-1632, Harnadha Puram, Main Road, Nellore - 524 003.	1000004
70.	M/S.Grn Constructions, 16-3-1632, Haranadha Puram, Main Road, Nellore - 524 003..	1000004
71.	M/S.Subhamasthu Shopping Mall, C/O.B.Srinivasulu, VRC Centre, Nellore, A.P. Pin Code - 524 001.	1000001
72.	Vaibhavi Gupta Garu, Vivek Gupta Garu, Sanmarg Bhawan, 160/B, Chittaranjan Avenue, Kolkata - 700 007.	1000001
73.	Sri.P.R.Renganath, 26, (Old No. 22), Thirumurthy Street, T.Nagar, Chennai - 600 017.	1000001
74.	M/S.Kemio Solutions Pvt. Ltd., 3rd Floor, Adeep Towers, # 432 & 476, 2nd Cross, M S Ramaiah Enclave, Nagasandra, Bengalur - 560 073.	1000001
75.	Sri Keshav Murthy, 11-12-309/1/403, R.K.Puram, Hyderabad-500035.	1000001
76.	Sri Lalit Mohan Bijlani, H.No: 801/802, Adibaba, 16th Road, Santacruz(West), Mumbai-400054.	1000000
77.	M/S.Chandana Brothers Shopping Mall Pvt. Ltd., D.No.: 53-33-16, KRM Colony, Seetamma Dhara, Visakhapatnam - 530 020. A.P.	1000000
78.	Bhupathiraju Gowtham Varma, S/O. Bhupathiraju, Venkata Ramaraju, H.No.: 3-139/2, Gandhi Statue Street, Near Satram, Palakoderu Mandalam, Vissakoderu, West Godavari, A.P.- 534 244.	1000000
79.	Sri.R.Rajagopal, C/O.Aravind Laboratories, 3/17, Valluvar Salai, Ramapuram, Chennai - 600 089.	1000000
80.	Sri.D.Hari Prasad, C/O.M/S.Aravind Laboratories, 3/17, Valluvar Salai, Ramapuram, Chennai - 89.	1000000
81.	Selvi. Sarada Devi, No. 73, NSK 3rd Cross Street, Sitarama Nagar, Chennai - 118.	1000000
82.	Sri B.Naga Mahesh, S/O. B.Sree Rama Murthy, D.No:25/569-B, Srinivasa Nagar, Nandyal-518501, Karnool.	1000000

83.	Sri B.Sreenivasa, S/O. B.Sree Rama Murthy, D.No: 25/569-B, Srinivasa Nagar, Nandyala-518501, Kurnool.	1000000
84.	M/S..Sai Sumukha Constructions, # 16, Sai Sumkukha Squre,2 Nd Floor, ITI Layout Cross, Latriguppe Main Road,Bhanashankari,3rd Stage, Bangalore-560085.	1000000
85.	S.S.Nischal, " Shankunthala Villa", # 2758, 6th Main, 17 Cross, Banashankari, 2nd Stage, Bangalore - 560 070.	1000000
86.	M/S.Khushi Advertising Ideas P. Ltd., 8/ Deepawali Center, Near Income Tax Under Bridge, Ashram Road, Ahmedabad - 380 014.	1000000
87.	Sri.Kritik Abiram Govindan, Plot No.43, Iind Cross Street, A.G.S.Colony, Kottivakkam, Chennai - 600 041.	1000000
88.	M/S.Jain Chemicals, 7/128, Nakul Gali, Vishwas Nagar, Shahadra, Delhi - 110 032.	1000000
89.	Sri Sudiip Majumdar, Harendra Nath Nag Road, P.O. : Q.I.P. Colony, Santra Gachi, (Near Friends Club Library), Howrah - 711 112, West Bengal.	1000000
90.	Sri.N.Sridhar, 640, Main Road, Shevapet, Salem - 636 002.	1000000
91.	M/S. Sri Nath Trading Co., 4-6-251, Subhsh Road, Secunderabad-500003.	1000000
92.	M/S.Shrinivasa Cattle Feeds Pvt. Ltd., "Rajpushp" 1-17-1151, Visawa Nagar, Somesh Colony Road, Nanded, Maharashtra -431 602.	1000000
93.	M/S.Welcome Distilleries Pvt. Ltd., C/O.Cold Sorage Corporation of India Ltd., Vidyapeeth Road, Chandua, Chittupur, Varanasi - 221 002. U.P.	1000000
94.	M/S. Suryauday Spinning Mills Pvt. Ltd., A1 Block, 2nd Floor, 105, Surya Towers, S.P.Road, Secunderabad-500003.	1000000
95.	Sri.S.Gowtham, 10, Raghavendra Illam, Ayyappa Nagar, Chetty Street, Coimbatore - 641 001.	1000000
96.	Sri Patel Subash Chandra Manjibhai, A-1-10, Hari Om Nagar, Behind Jiviba School, Near Cadila Bridge, Ghodasar, Ahmedabad, Gujarat-380050.	1000000
97.	M/S.Topsel Marketing Private Limited., 25, Ganesh Chandra Avenue, Kolkata - 700 013.	1000000
98.	M/S.Sm Marains Advances Gear Boxs India Private Ltd., 14, Kanthariamman Koil Street, Agastheeswaram North, Nagerkoil, Tamil Nadu.	1000000
99.	Sri Sama Sunil Kumar Reddy, 4-13-20/4, Road No.6, Huda Sai Nagar, Vanasthali Puram, Hyderabad-500070.	1000000
100.	Subhashree Sathyanarayanan, 88, Green Avenues, (Opp Bhavya's Anandam), Nizampet Road, Hyderabad, Telangana - 500 090.	1000000
101.	Sathyanarayanan Ramasamy, 88, Green Avenues, (Opp Bhavya's Anandam), Nizampet Road, Hyderabad, Telangana - 500 090.	1000000
102.	M/S. Tyden Engineering Sdn., No.12, Jalan 51/22a, Zon Perindu Strian Pjct, Seksyen-S1a-46100, Selangon Darol Khsan, Malaysia.	1000000
103.	M/S.Ramkumar Associates, 59/26, Sait Colony Second Street, Egmore, Chennai - 600 008.	1000000
104.	M/S.Alfa Management Services, 154, T.T.K.Road, Royapettah, Chennai -600 014.	1000000
105.	Sri.M.E.Karthic Raja, 3683/1a/42, Gugan Raja, 10th Cross, Anjaneya Layout, Davangere, Karnataka - 577 004.	1000000
106.	M/S. Sow Pharma, B - 604, 6th Floor, The Platina Near, Radisson Hotel, Gachibowli, Hyderabad - 500 032.	1000000
107.	Sri.M.Srinivas Rao, Flat No. 001, A 1 Block, Sobha Opal, 39th Cross, Jaya Nagar, 4t Block, Bangalore - 560 041.	1000000
108.	M/S.Ajasra Homes Private Limited, 1 - 121/Hd/35/303, Hema Durga Plaza, Above Icici Bank, Miyapur, Hyderabad - 500 049.	1000000
109.	M/S.Karpagam Jewellers, Street No. 6, Tatabad, Coimbatore -641 012.	1000000

110.	M/S. Sr Artefacts Pvt. Ltd., 3, Shiv Smriti Chambers, 49/A Dr A.B.Road, Worli, Mumbai, M.H. - 400 018.	1000000
111.	M/S.Moogambiga Transport, No. 34 R/1, Vellore Main Road, Arcot, Vellore - 632 503.	1000000
112.	Sri Vivek Gupta, 21 Ford Close, Marrow, Ha14ax, U.K.	1000000
113.	Sri. Ashok Kini, B - 202, Mantri Pride Apts, Behind Madhavan Park, I Block, Jayanagar, Bengaluru - 560 011.	1000000
114.	Dr V.A.R. Satyanarayana, D.No.: 52 -14-73/1, Shiva Shiridi Sai Nilayam, Resapuvani Palem, Visakhapatnam - 530 016.	1000000
115.	Dr Ala Venkateswarlu, Ala Hospital, D.No.: 4-15- 19/10, Amaravathi Road, Bharath Pet, 5th Lane, Guntur.	1000000
116.	M/S.Hightech Metals And System Pvt. Ltd., B 6, Subhodaya, 28, Gopala Krishna Road, T.Nagar, Chennai - 600 017.	1000000
117.	M/S.Tadepalli Venkata Ravi Kumar, C 3 - 401, L & T South City Apartments, Mico Arekere Layout, Bannerghatta Road, Bangalore - 560 076.	1000000
118.	P.S.Nalini, W/O.N.Mohan Babu, B - 6, No. 70, Murthy Street Extension, West Mambalam, Dwaraka Flats, Chennai - 600 033.	1000000
119.	M/S.Diana Tea Company Ltd., Sir Rnm House, 4th Floor, 3/B, Lalbazar Street, Kolkata, West Bengal - 700 001.	1000000
120.	M/S.Platinum Corporation, 504, 3w, Dafza, P.O.Box No. 54513, Dubai - 600 018. UAE	1000000
121.	M/S.Eurotrade Textiles Private Ltd., 10-51b, Chinthalpeta, Current Office Road, Gannavaram, A.P. - 521 101.	1000000
122.	M/S.Dhanuka Agritech Limited, 14th Floor, Building 5 A, Cyber City, DLF Phase - Iii, Gurugram - 122 002. Haryana.	1000000
123.	Sri Anil Valluri, 392, Judges Colony, Rt Nagar, Bangalore-560032.	1000000
124.	M/S. Mehru Electrical & Mechanical Engineers (P) Ltd., E - 1247, RIICO Industrial Area, Phase - 1 (Ext.) Ghatal, Bhiwadi - 301 019, Rajasthan.	1000000
125.	Shri Ekvira Mfgr & Coats Pvt Ltd., W 109 (A) Midc Ambad Nashik - 422 010. Maharashtra.	1000000
126.	M/S.Perfect Valves Pvt Ltd., Wariana Industrial Complex, Sangal Sohal Road, Adjoining Leather Complex, Jalandhar - 144 013.	1000000
127.	M/S.Shriram Raghavendra Chits Pvt. Ltd., Shop No. 16 And 17, U Con Plaza, Iind Floor, Park Road, Kurnool - 518 001.	1000000
128.	Sri.Pulipati Rajender Kumar, H.No.: 4-96/3, Chanda Nagar, Seri Lingam Pally, Hyderabad - 50. Telangana.	1000000
129.	Mr.Vipin Kumar Jain, TLC Legal, 1st Floor, Nirmal Building, 241/242, Nariman Point, Mumbai - 400 021	1000000
130.	M/S. L.R.Swami(HUF), 463, Anna Salai, Teynampet, Chennai-600018.	1000000
131.	Dr G.M.Sharavanan, A2/12, Sreevatsa Enclave, GN Mills (PO), MTPL Road, Tudiyalur, Coimbatore, Chennai - 641 029.	1000000
132.	Sri.S.Janaranjani, No. 30/17, Solapadi Subramaniyam Streeet, Shevapet, Salem, Tamil Nadu - 636 002.	1000000
133.	Sri.Santosh Srinivasulu Siddamsetty, Mine Owner, OM Nivas, 5th Main Road, MJ Nagar, Hospete, Karnataka - 583 201.	1000000
134.	Sri.Hitesh Dhankani, 812 C, Wing Aster, Dosti Acers, Mumbai - 400 037.	1000000
135.	Ms.Namrata Nagrecha, 10/1 A, Indra Roy Road, Near Indira Cinema, Kolkata - 700 025.	1000000
136.	M/S.Mahendra Perfumery Works, Raghavendra Colony, No. 72/2, 5th Main Road, Chamarajpet, Bangalore - 560 018.	1000000

137.	M/S.O.G.Variar & Sons, Variar Bakery # 1217, 5th Block, 20th Main, Near Shivanagar Signal, Rajajinagar, Bangalore - 560 010.	1000000
138.	Sri.Prahlad Parvatikar, Flat No.: 301, Tower # 9, Sea Breeze Towers, Sec - 16, Nerul, Navi Mumbai - 400 706.	1000000
139.	Sri.Nitesh Jaipura, B - 9, Shiv Marg, Bani Park, Jaipur, Rajasthan - 302 016.	1000000
140.	Smt Archana Rawat, B-16 Jaipur Tower, Opp.A.I.R, M.I. Road, Jaipur-302001.	1000000
141.	M/S.Concepts,3rd Floor,Kamaraj Bhavan,Godavalli Vari Street,Vijayawada-520002.	1000000
142.	Sri.D.Shri Preithi, 160, Sankari Main Road, Gugai, Salem - 636 006.	900000
143.	M/S.Vishwak Solutions Pvt. Ltd. C/O.M/S.Anjana Software, Chennai	800000
144.	M/S. Marvel Machines Private Limited, No.4 Leo Complex Road, Pallikkaranai, Chennai-600100.	800000
145.	M/S.Bhoorthnam Construction, C/O.Sri.Alugaddala Bhoorathanam Madhav, 7-3-720, Rashtrapathi Road, Secunderabad.	740000
146.	Sri.T.T.Srinivasaraghavan, 9, 3rd Street, Kasturi Estates, Chennai - 600 086.	600000
147.	Mr.Priyam Jiten Bhatt, C/O.Percare Industries, 355, Gidc, Makarpura, Vadodara - 390 010.	600000
148.	M/S.S.S.K. Pharma, Sai Raja Residency, 1-3-183/40/21/23, P & T Colony, Gandhi Nagar, Hyderabad - 500 080.	600000
149.	Sri. Amarjeet Rewari, B - 1, Hauz Khas, New Delhi - 110 016.	540000
150.	Mr.Vijay Maheshwari, Bhikamchand Market, 4th Floor, Room # 421 A, 14/2, Old China Bazar Street, Kolkata - 700 001.	511000
151.	Dr Vaishali Ranjeet Chidgupkar, 16/23 Mangalwar Peth, Miraj-416410, Sangali, Maharastra.	510000
152.	M/S.Geeta Shipping & Clearing Services, 202, Central Point, Andheri - Kurla Road, J.B.Nagar, Nr Chakala, Andheri (East), Mumbai - 400 059.	501301
153.	Sri V.Ramanathan, Flat No. 201, Winter Block, Windsor Four Seasons, Behind Meenakshi Temple, Banner Ghata Road, Bengaluru - 560 076.	501001
154.	M/S. Balaji Fuels, Chandranagar, Palakkad, Kerala-678007.	500001
155.	Smt.S.Surekha, No. E - 1-4, Ranka Corner Apts, Ist Main Road, Cambridge Layout, Halasuru, Bangalore - 560 008.	500000
156.	Sri. Jampala Madhavaiah, H.No. 83, 4th Main, Vidyagiri Layout, Nagarbhavi, Bangalore - 72.	500000
157.	M/S.Stellar Refractories Pvt. Ltd., S - 3/ S - 4, Ashoka Residency, 18, Shivaji Nagar, Behind Dass Jewellers, Nagpur - 440 010.	500000
158.	Sri K.Vishwanath, S/O. K.M.Dattathri, Kuntavalli, Melige(P), Thirthalli(T), Shimoga(D), Karnataka-577415.	500000
159.	Sri Sudip Magumdar, Harendra Nath Nagar Road, P.O:Gip Colony, Santragachi(Near Friends Club Library), Howrath, West Bengal, Kolkata.	500000
160.	Sri.Ch Manohar Reddy, Aeropolis Apartment 201, H.No. 2-2-18, D.D.Colony, Shivam Road, Hyderabad - 500 007.	500000
161.	Sri Santosh Madbhavi, A-1705, Oberoi Exquisite, Oberoi Garden City, Goregaon (east), Mumbai-400063.	500000
162.	Sri.A.S.Gopalakrishnan, 103-C, Gokul Galaxy, Thakur Complex, Kandivali (E), Mumbai - 400 101.	500000
163.	Sri.P.M.Umamaheswaran, D - 1001, Vaswani Reserve, Kadu Beesana Halli, Pennatur Main Road, Bengaluru - 560 113.	500000
164.	M/S.Sitarama Rajiv Chilakalapudi, 1-98/8/2/Bh/Villa, Madhapur, Hyderabad - 500 081.	500000

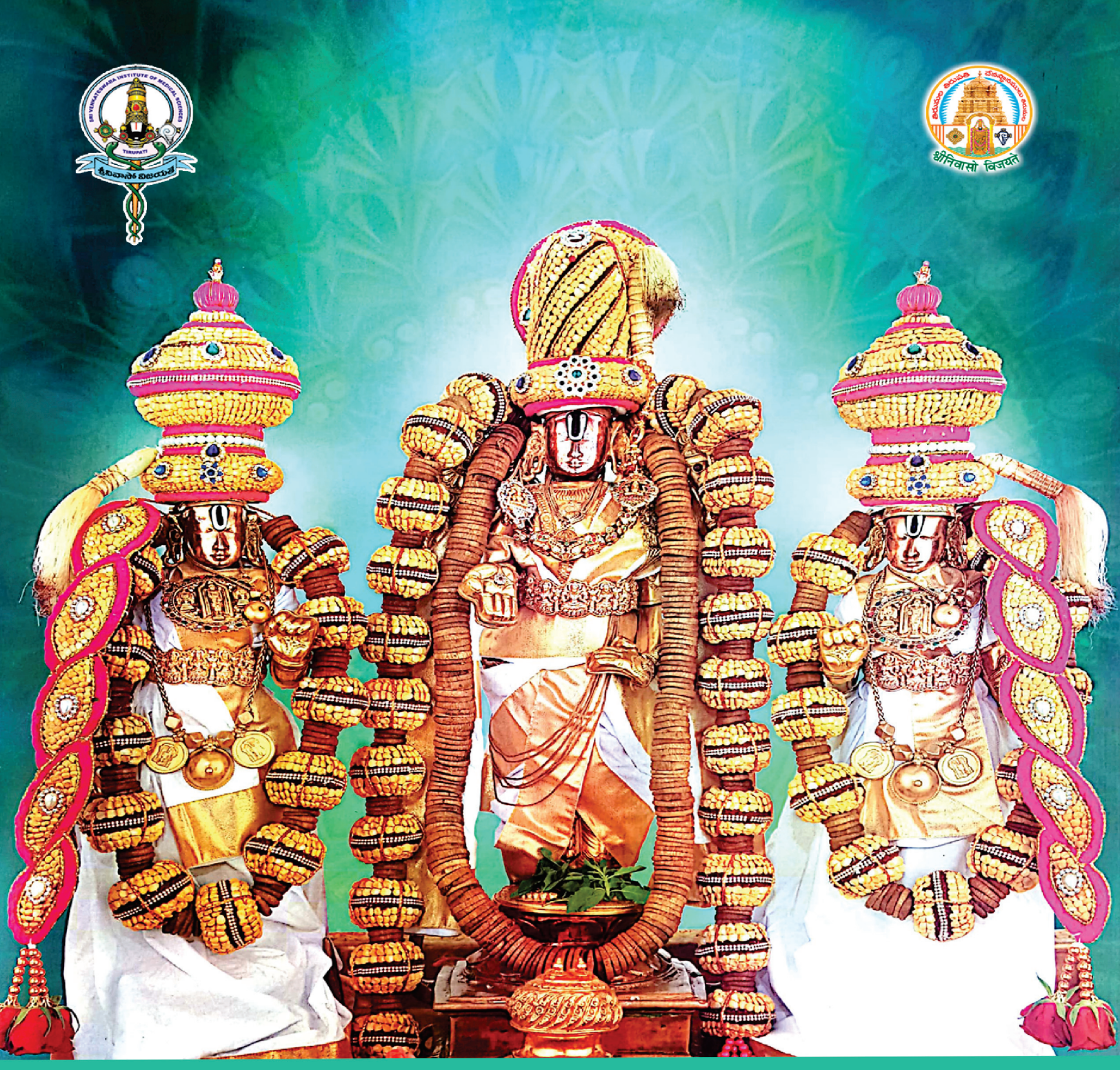
5.0 Grants received from Tirumala Tirupathi Devasthanams during the year 2016-17

S.No.	Grant details	Amount (in Rs.)
1	Revenue Grant	12,00,00,000
2	Reimbursement of Pranandana expenditure	10,55,39,066
3	Reimbursement of Epilepsy camp expenditure	2,99,996
4	Reimbursement of Diabetes expenditure	3,77,864
5.	Capital Grant for purchased equipments	6,98,68,357

6.0 Credit Cell:

The institute extended credit treatment to the extent of Rs.93.42 crores in respect of 32 credit organizations and the bills settled to the extent of Rs.87.85 crores leaving a closing balance of Rs.40.82 crores during the calendar year 2017. The details of the credit treatment is as detailed below for the period 01.01.2017 to 31.12.2017.

S. No.	Credit category	Opening balance (Rs.)	No. of Bills	treatment Credit given (Rs.)	Amount received/ Settled (Rs.)	Closing balance (Rs.)
1	NTR VSS IP Claims	1919,91,006	21920	5331,56,124	5488,05,175	1763,41,955
2	TTD Employees / Dependents Treatment	301,71,599	22896	1228,03,373	921,70,497	608,04,475
3	Pranadhanam	236,62,204	1492	1068,96,645	1058,72,790	246,86,059
4	ESI	633,48,990	5482	625,20,880	468,31,343	790,38,527
5	EHS IP Claim	119,80,683	1275	327,42,206	316,68,465	130,54,424
6	Pilgrims	30,53,246	895	152,19,495	109,59,031	73,13,710
7	CRC Credit	49,07,899	905	150,34,853	139,83,289	59,59,463
8	APSRTC	66,28,171	812	138,16,537	113,79,416	90,65,292
9	Arogya Bhadratha Scheme	26,93,215	263	96,27,550	55,90,806	67,29,959
10	BIRRD (TTD)	5,90,410	2503	51,95,330	28,28,240	29,57,500
11	R&D Credit	18,54,500	1758	43,30,770	28,57,630	33,27,640
12	ARHS IP Claims	-	206	36,33,567	-	36,33,567
13	APSPDCL	13,11,910	44	22,29,932	15,70,121	19,71,721
14	BSNL	21,06,963	40	14,54,414	5,59,221	30,02,156
15	Govt.Credits	40,51,109	30	11,47,284	-	51,98,393
16	CMRF	11,06,162	51	7,81,614	1,17,507	17,70,269
17	SVBC	7,322	207	6,91,260	2,35,713	4,62,869
18	AB SPF	4,82,229	14	6,35,575	7,77,992	3,39,812
19	Other Credits	12,57,153	54	5,81,925	7,54,775	10,84,303
20	BIRRD NTRVSS	2,440	528	5,44,505	37,625	5,09,320
21	State TB Control Society	2,35,713	553	2,21,200	1,52,000	3,04,913
22	RAN Credit		8	2,33,068	-	2,33,068
23	PMRF	30,168	8	1,80,829	-	2,10,997
24	Arogya Sahayatha	1,16,802	11	1,48,415	2,51,729	13,488
25	SHAR	5,68,400	5	1,55,456	6,94,624	29,232
26	RS Vidyapetam	2,21,041	4	67,995	2,74,283	14,753
27	IA Airport	71,092	6	61,795	73,242	59,645
28	S.V.Veterinary University		1	48,711	48,711	-
29	LIC Credit		10	41,000	32,000	9,000
30	Working Journalist IP Claims		2	39,535	-	
31	S.V.Vedic University	75,401	2	9,194	-	84,595
32	Agriculture University		1	3,000	3,000	-
	TOTAL	**35,25,25,828**		**3,42,54,037**	**87,85,29,225.40**	**40,82,50,639.10**



IX DEPARTMENTAL INFORMATION

1.0 DEPARTMENT OF ANAESTHESIOLOGY

Professor & Head
Dr Aloka Samantaray

Sr. Professor
Dr M. Hanumantha Rao

Faculty

Dr Andal Venkataraman
Dr P. Janaki Subhadra
Dr N. Hemanth
Dr K. Vinay
Dr P. Hemalatha
Dr Sree Devi.R
Dr M. Madhusudhan
Dr S. Shameem

Senior Residents

Dr Himabindu.K
Dr P.Aruna
Dr B.V.Virinchi Vegiraju
Dr Sumiya Begam Shaik
Dr Aparna.B
Dr Nagadivya.R
Dr Prasanth Kumar.M
Dr Swaranalatha.K

Tutor cum PG (MD) Junior Residents

Dr Santhi Swetha Pudhota
Dr Chethana.K
Dr B.Srihari
Dr Shravani.P
Dr K. Satish Kumar
Dr Prabhu Gnapika Putta
Dr Dyva Manogna R
Dr Swami Devi Prasad Ilapandi
Dr Swetha Silpa Udatha
Dr Ediga Adilakshmi
Dr Kurapathi Jasmitha
Dr T.Bhargavi
Dr G.Sujani
Dr V.Joshna
Dr K.Gayathri Devi
Dr K.Yadhu Bhushanam
Dr C.Sumadhu
Dr T.Kaarthika
Dr M.Kiranmye
Dr E.Mahesh
Dr R.Bhanuprakash

1.1 Awards, achievements and felicitations

1. **Dr M. Hanumantha Rao,** Sr. Professor officiated as Editorial Board Member of Indian Journal of Anaesthesia (IJA) an official publication of Indian Society of Anaesthesiologists.

2. **Dr Aloka Samantaray,** Professor & Head officiated as Associate Editor of Indian Journal of Anaesthesia an official publication of Indian Society of Anaesthesiologists.

3. **Dr M. Madhusudan,** Assoc. Prof., was nominated as Associate Editor of Journal of Clinical and Scientific Research (JCSR), SVIMS, Tirupati.

1.2 Fellowship received

1. **Dr M.Hanumantha Rao,** received Fellowship of Indian College of Anaesthesiologists at a conference at BHU, Varanasi, by Indian College of Anaesthesiologists during 27-29 October 2017.

1.3 Research work

Theses submitted

1. **Santhi Swetha P.** Role of wound instillation with local anaesthetic through surgical drains for post operative analgesia in modified radical mastectomy- A prospective randomized comparative study between ropivacaine and levobupivacaine (MD). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

2. **Satish Kumar K.** Effect of pneumo peritoneum on airway pressures in patients undergoing laparoscopic surgeries. (MD). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

3. **Srihari B.** Effects of intravenous ondansetron and granisetron on haemodynamic changes during spinal anesthesia in non – obstetric population. A double – blind, prospective randomized controlled study

(MD). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

4. **Chetana K.** Effect of pre anaesthetic visual information on patients awaiting surgery under spinal anaesthesia (MD). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

5. **Prabhu Gnapika P.** A comparative evaluation of different timings of Intraperitoneal local anaesthetic instillation for post operative pain relief following laparoscopic cholecystectomy- A randomized double blinded placebo controlled study (MD). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

6. **Divya Manogna R.** A comparative study of analgesic effects of ketamine, Fentanyl and saline added to hyperbaric bupivacaine for central neuraxial blockade in total knee replacement surgeries - A prospective randomized double blind placebo controlled study (MD). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

7. **Shravani P.** Comparison between intrathecal hyperbaric levobupivacaine (0.5%) and ropivacaine (0.5%) with added dexmedetomidine on spinal anaesthesia characteristics: A prospective, randomised, double blind study (MD). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

8. **Prasad ISD.** A comparative study of propofol - ketamine and propofol-fentanyl in total intravenous anaesthesia on intraoperative anaesthetic requirement and post operative recovery profile (MD). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

Ongoing thesis work

1. **Jamsitha K.** A comparative study between dexmedetomedine – propofol and propofol – fentanyl on perioperative hemodynamcics, propofol requirement and postoperative recovery profile in patients undergoing elective abdominal surgeries (MD).

2. **Bharagavi T.** A study of clinical presentation and outcome of patients with GBS in a tertiary care teaching hospital (MD).

3. Adilakshmi E. Comparison of efficiency of additional epidural nalbuphine vs dexmedtomidine on characteristics of spinal anaesthesia in patients undergoing lower limb orthopaedic surgeries (MD).

4. Swetha S. Comparison of effect of intravenous magnesium sulfate and clonidine in attenuating pressor response during laryngoscopy and tracheal intubation, a rondomised double blind study (MD).

1.4 Conferences attended, lectures delivered

Dr Alok Samantaray, attended the following:

1. PG symposium in PG IMPACT 2017 and delivered a guest lecture on "Haemodynamically unstable cardiac patient for non-cardiac surgery" at Vijayawada on 7th January 2017.

2. RACE SRMC and delivered a guest lecture on "Residual Neuromuscular Paralysis" at Chennai on 10th February 2017.

3. 20th Indian Association of Cardiovascular Thoraic Anaesthesiologist (IACTA-2017) and delivered a guest lecture on "Perioperative management of vascular trauma" at Pune during 16-19 February 2017.

4. Indian Society of Anesthesiologists Annual National Conference (ISACON – 2017) and delivered a guest lecture on "ABG Interpretation" at Kolkata during 6-8 October 2017.

Dr M.Hanumantha Rao, attended the following:

1. Advanced course in Medical Education (ACME - MEU Course) at Christian Medical College, Vellore during 5 -9 September 2017.

2. IISACONAP – 2017 at Kakinada and delivered a guest lecture on "Management of Acute Transfusion Reactions" during 6-8 October 2017.

3. ISA – East Zone PG Assembly-2017) at AIIMS and delivered a guest lecture on "Arterial Blood Gas (ABG)" at Bhubaneswar during 6-8 October 2017.

4. ISACON – 2017 at Varanasi and delivered a guest lecture on "Arterial Blood Gas Analysis" during 27-29 November 2017.

Dr P.Janaki Subhadra, attended the following:

1. ISACON South zone and delivered a guest lecture on "Diabetic ketosis coming for Emergency LSCS" at Trichy during 4-6 August 2017.
2. AOA National Conference and delivered a guest lecture on "Why some mothers bleed and some don't" at Bangalore during 30 September – 02 October 2017.
3. ISACON – 2017 at Varanasi delivered a guest lecture on "Peripartum coagulation abnormalities" during 27-29 October 2017.
4. ISACON – 2017 at Kolkata and delivered a guest lecture on "Medical Publishing Don't Dump Don't' Perish" during 27-29 November 2017.

Dr Andal Venkataraman, attended the following:

1. 11th BAPU- 2017 Annual Conference and delivered a guest lecture on "Anesthesia for foreign body removal in bronchoscopy in child" at SVIMS, Tirupati during 17-18 September 2017.

Dr N.Hemanth, attended the following:

1. Advanced airway management conference, "KAAMCON 2017" at Cochin during 29-30 July 2017.
2. ISACON – 2017 at Varanasi during 27- 29 November 2017.

Dr Vinay K, attended the following:

1. Indian Association of Cardiovascular Thoracic Anaesthesiologist (IACTA-2017) at Pune during 16-19 February 2017.
2. National Airway Conference, (NAC- 2017) at AIIMS – All India Institute of Medical Science, New Delhi during 8-10 September 2017.
3. 12th Chennai Cardiac Anaesthesia Update-2017 at Chennai during 18-19 November 2017.

Dr M.Madhusudan, attended the following:

1. Workshop conducted by Cochrane South Asia, at CMC, Vellore on Training the Trainers on Principles of Evidence Based Medicine during 22-26 May 2017.
2. 14th Conference of the Asian Society of Paediatric Anaesthesiologists (ASPA – 2017) at Mumbai during 2-4 June 2017.

1.5 Presentations by postgraduate students

Posgtraduate students pursuing MD (Anaesthesiology) presented the following posters at:

BAPU – 2017 during 17-18 September 2017

1. Santhi Swetha. Anaesthetic Management of deep brain stimulation surgery – A study of two cases.
2. Adilakshmi. Camphor Poisoning.
3. Jasmitha. Anaesthetic Management of patient with permanent pacemaker posted for distal gastrectomy.

ISACONAP -2017 at Kakinada during 7-8 October 2017

1. Prasad ISD. Anaesthetic Management of patient on permanent pacemaker posted for laparoscopic surgery
2. Santhi Swetha. Anaesthetic Management of a pregnant patient with glioblastoma posted for emergency caesarian section followed by craniotomy and excision of the tumor.

1.6 Publications

1. Madhusudan M, Aruna P, Naga Divya R, Rao MH, Samantaray A, Prasad BCM. Positioning of a patient with scoliotic spine deformity for induction of anaesthesia. J Clin Sci Res 2017;6:193-5.
2. Hemalatha P, Banu N, Rao MH, Samantaray A, Venkatraman A, Hemanth N. Comparison of two different doses of magnesium sulphate for spinal anaesthesia: a prospective, randomized double-blind study. J Clin Sci Res 2017;6:18-24.
3. Hemalatha P, Aparna B, Samantaray A, Rao MH. Unanticipated difficult airway in male hypogonadism. J Neuroanaesthesiol Crit Care 2017;4:181-2.

1.7 CMEs/Workshops conducted by the dept

1. National Level CME programme "11th Balaji Anaesthesia Postgraduate Upadate (BAPU – 2017)" during 17-18 September 2017.
2. Dr P.Hemalatha, Dr R. Sri Devi conducted BLS workshop in Nuclear Cardiological Society of India, at SVIMS, Tirupati.
3. Dr Alok.S, Dr M.H.Rao, Dr Hemanth.N, Dr P.Hemalatha, Dr Madhu.M, Dr Vinay.K & Dr Sridevi.R conducting community CPR workshops.

1.8 Other academic activities

Dr M Hanumantha Rao, attended the following:

1. MCI Inspection for MD (Anaesthesia) course at Maharastra Institute of Medical Sciences & Research, Latur, Maharastra on 21st September 2017.
2. DNB Inspection of Rangadore Memorial Hospital, Bangalore, to start DNB (Anaesthesia) on 14th October 2017.
3. DNB Examiner at Maulana Azad Medical College, New Delhi during 1–3 November 2017.
4. MCI Inspection for ESI–PGIMSR Rajaji Nagar, Banagalore for MD (Anaesthesia) on 23rd November 2017.
5. Jeevandan organ transplantation certification inspection of Simhapuri Hospitals, Nellore on 18th December 2017.

2.0 DEPARTMENT OF ANATOMY

Professor & Head
Dr V. Subhadra Devi

Faculty

Dr J. Vasudeva Reddy
Dr C. Sreekanth
Dr K. Prathiba
Dr M. K. Lalitha Kumari
Mr.K.Thyagaraju

Junior Resident
Dr Rashmitha Reddy

Tutors
Ms T.Sharmila
Mr D. Kishore Naik
Mr C. Venkataramana

Research scholar
Dr B.Ravindra Kumar

2.1 Dissertation work

Dissertation submitted

Ajay Prasad V. Morphometric Parameters of Kidney using sonography (MSc) Tirupati. Sri Venkateswara Institute of Medical Sciences; 2017.

Ongoing Dissertaion work

1. **Priyanka K.** Sexual differentiation based on Morphology and Morphometric studies on Adult Femur (MSc)
2. **Sreedevi N.** Morphometric Studies on Human Mandible (MSc)

2.2 Conferences attended, lectures delivered:

Dr V. Subhadra Devi delivered lecture on applied Anatomy for PG students at National Rapid Review Program, at C.K.S Theja Institute of Dental Sciences & Research, Tirupati during 23-25 January 2017.

2.3 Publications

1. **Sharmila Bhanu P, Devi Sankar K, Sujatha Kiran, Subhadra Devi V.** Gross Morphological Study of Gestational Diabetes mellitus Placenta from South Indian Mothers Compared with Control Placenta. Int Anat Res 2017;5(1):3521-26.
2. **Kishore ND, Velichety SD, Thyagaraju K.** Morphology and Morphometry of Bicuspid Valve in Human fetal cadavers. MOJ Anat&Physiol 2017; 3(4):00103.
3. **Babu Rao S, GeethaVani G, Subhadra Devi V.** A Microscopic Study of Human Pituitary Gland from Birth to Old Age. Int J Biol Med Res.2017;8(3):6075-8.
4. **Babu Rao S, Geethavani G, Subhadra Devi V.** Histogenesis of Human Foetal Pituitary at Various Gestational Ages. Int J Anat Res 2017; 5(4.1):4469-73.
5. **Vasudeva Reddy J, Sreekanth C.** Cadaveric study of coronary arteries in Rayalaseema population in Andhra Pradesh. Indian Journal of Clinical Anatomy and Physiology; 2017 -Accepted, publication in process
6. **Vasudeva Reddy J** postmortem arteriogram Italian Journal of Anatomy and Embryology – Accepted, publication in process.

Books Authored:

1. **Dr V. Subhadra Devi** authored Basic Histology – A Color Atlas and Text. Jaypee Brother's Medical Publishers.Second edition 2017: ISBN 978-93-5250-178-6.

2.4 CMEs/Seminars/Workshops attended

Dr V. Subhadra Devi, attended the following:

1. Chaired and participated in sessions of "Medical Science including Physiology" in connection with 104th Indian Science Congress 2017 at SVIMS,

SPMC (W) campus as Incharge of onsite events, SVIMS, University during 3-7 January 2017.

2. As guest speaker for CME on Voluntary Body Donation Awareness Programme at ESIC Medical College, Hyderabad on 10th June 2017.

3. Facilitated the 14th International Conference on Geriatric Care and Gerontology-2017 at Sri Venkateswara Medical College, Tirupati during 1-2 October 2017

D.Kishore Naik, participated and presented lecture on Morphology and Morphometry of Bicuspid valve in Human Fetal cadavers in sessions of Medical Science including Physiology" in connection with 104th Indian Science Congress 2017 at SVIMS, SPMC (W) campus during 3-7 January 2017.

2.5 Other academic activities

Dr V. Subhadra Devi

1. External Examiner for the M.D. Anatomy students at Sri Ramachandra University, Chennai during 27-29 April 2017.

2. External Examine for conduct of Ph.D Viva voce examination at Mamatha Medical College, Khammam by Dr NTRUHS on 17th June 2017.

3. External Examiner for Medical PG Degree/Diploma at Govt. Medical College, Trivandrum by KUHS, Thrissur during during 22-23 June 2017

4. External Examiner for MBBS 1st year, Anatomy students at Sri Ramachandra University, Chennai during 5-9 September 2017.

5. External Examiner for 1st MBBS practical examinations at RIMS, Kadapa by Dr NTRUHS, Vijayawada on 6th December 2017.

Dr V.Subhadra Devi & K.Thyagaraju prepared Gross Anatomy and Histology record for SPMC(W), Paramedical, Physiotherapy and Nursing students of SVIMS.

Dr K.Prathiba, External Examiner UG Degree practical examinations at Narayana Medical College, Nellore, under Dr NTRUHS, Vijayawada during 3-7 September 2017.

Dr K.Prathiba & Dr C. Sreekanth, External Examiner for 1st MBBS practical examinations at S.V. Medical College, Tirupati by Dr NTRUHS, Vijayawada on 7th December 2017.

Department of Anatomy took part in sessions of Medical Science including Physiology in connection with 104th Indian Science Congress 2017 at SVIMS, SPMC (W) during 3-7 January 2017.

3.0 DEPARTMENT OF BIOCHEMISTRY

Senior Professor & Head
Dr P.V.L.N. Srinivasa Rao

Faculty

Dr Aparna R. Bitla	Dr V.Sri Devi Kiranmayi	Dr B. Sandya Rani
Dr M.M. Suchitra	Dr N. Harini Devi	Dr M. Kusuma Kumari

Tutor cum PG (MD) Junior Residents
Dr N. Lakshmanna
Dr Keerthi Thejmitta

Tutors
Dr Chaitanya
Dr Dharshana

PhD Research Scholars

K. Rama	P. Pullaiah	S. Naresh
G.Sarvari	T. Sasikala	

3.1 Awards, achievements and felicitations:

1. **Dr PVLN Srinivasa Rao,** Senior Professor and Head, Dept of Biochemistry has released his book "Mathematical Computations in Medical Biochemistry" book has been published and was awarded at AMBICON 2017 at the 25th National Conference of AMBI at Mysuru, Karnataka during 17-19 November 2017.
2. **Dr MM Suchitra,** Associate Professor, Dept of Biochemistry, has been nominated by the Association of Medical Biochemists of India to be the Andhra Pradesh state representative for 2018 at the 25th National Conference of AMBI at Mysuru, Karnataka during 17-19 November 2017.

3.2 Research work

Theses submitted

1. **Sandhya Rani B.** Tumor markers in chronic kidney disease (MD). Tirupati : Sri Venkateswara Institute of Medical Sciences; 2017.
2. **Pallavi M.** Association between Non alcoholic fatty liver disease and type 2 diabetes mellitus: Role of adipokines and endotoxins (PhD Thesis). Tirupati : Sri Venkateswara Institute of Medical Sciences; 2017.

Ongoing Thesis work

1. **Lakshmanna N.** Novel urinary biomarkers for early detection of diabetic nephropathy in type2 diabetic patients. (MD).
2. **Rama K.** Study of microRNAs in breast cancer (PhD Thesis).
3. **Sarvari G.** Role of Adipocytokines in the development of breast cancer (PhD Thesis).
4. **Naresh S.** Study of anti-atherogenic effects of rosuvastatin in patients with type 2 diabetes mellitus (PhD Thesis).
5. **Pullaiah P.** Effect of vitamin D supplementation on oxidative stress and inflammation in patients with Type 2 Diabetes Mellitus (PhD Thesis).
6. **Sasikala T.** Oxidative stress and inflammation in type 2 diabetes mellitus patients with subclinical atherosclerosis (PhD Thesis).

Dissertation work

Dissertation submitted

1. **Ganesh V.** Association of serum adiponectin with disease activity in patients with rheumatoid arthritis (MSc). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.
2. **Gowthami P.** Study of serum adiponectin levels in women with polycystic ovary syndrome (MSc). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.
3. **Chetan Kumar K.** Study of serum adiponectin levels in type 2 diabetes mellitus patients with albuminuria (MSc). Tirupati : Sri Venkateswara Institute of Medical Sciences; 2017.

Ongoing Dissertation work

1. **Hymavathi** B. Study of serum peroxidise levels in patients with type 2 diabetes mellitus and its association with carotid intima media thickness (MSc).

2. **Nimeesha G.** Evaluation of serum magnesium levels and its association with lipid profile and carotid intima media thickness in patients with early type 2 diabetes mellitus (MSc).

3. **Santhosh Kumar P.** Study of association of vitamin D levels with glycemic control in patients with type 2 diabetes mellitus (MSc).

3.3 Thesis work carried out in collaboration with other departments

Dr Srinivasa Rao PVLN, was Co-guide for the thesis

Theses submitted

1. **Sowjenya G.** Genetic polymorphism of cytochrome P450 and its association with endothelial dysfunction in patients with coronary artery disease (PhD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

2. **Sarat Chandra V.** A study of Hepatocyte growth factor in chronic kidney disease patients in predialysis stage compared to patients on maintenance haemodialysis and its correlation with Hs CRP, Nitric oxide and oxidative stress markers (DM Thesis).

3. **Anilkumar CV.** To study plasma super levels in the critically III patients with acute kidney injury requiring dialysis supports (DM Thesis).

4. **Harikrishna M.** A study on relationship between fibroblast growth factor 23 and cardiovascular risk factors and carotid intima-media thickness in chronic kidney disease (pre dialysis) (DM Thesis).

Ongoing Thesis

1. **Sravani C, Reddy** AP Impact of Severity of Illness on the Function of the Hypothalamo-pituitary-gonadal Axis in Postmenopausal Women with Acute Severe Illness: Implications for Predicting Disease Outcome (DM Thesis).

Dr Aparna R. Bitla, was Co-guide for the thesqis

1. **Yeshwanth P.** Study of neuron specific enolase for assessing the severity and outcome in patients with acute ischaemic stroke (DM Thesis).

2. **Pasala Chiranjeevi.** Computer aided approach to identify drug targets, vaccine candidates and potent lead molecules against gastrointestinal pathogen Helicobacter pylori (PhD Thesis).

3. **Katari Sudheer Kumar.** In-silico trials to identify potent inhibitors against matrix metalloproteinases in breast cancer (PhD Thesis).

Dr N. Harini Devi, was Co-guide for the thesis

1. **Sunnesh Reddy A.** To study the risk factor profile for thrombophilia in patients of ESRD on maintenance hemodialysis with failed AV fistulas (DM Thesis).

2. **Sai Sameera N.** A study of markers of oxidative stress, inflammation and endothelial dysfunction in diabetic and non-diabetic chronic kidney disease patients on peritoneal dialysis (DM Thesis).

Dr VS. Kiranmayi, was Co-guide for the thesis

1. **Mani Deepthi D.** Effects of adequate treatment of hyperthyroidism on glycated hemoglobin levels in nondiabetic subjects with hyperthyroidism (DM Thesis).

2. **Raghavendra K.** Prevalence of autonomic neuropathy in patients with type 2 diabetes mellitus with special reference to cardiac autonomic neuropathy (DM Thesis).

3. **Manoj B.** Evaluation of renal function after percutaneous nephrostomy or DJ stenting in calculus upper tract obstruction with renal failure (MCh Thesis).

3.4. Conferences attended

Dr PVLN Srinivasa Rao, attended the following:

To chair a session at the GSICON 2017, 14th Internal Conference on Geriatric Care and Gerontology at SVIMS, Tirupati during 1-2 October 2017.

Dr Aparna R Bitla, attended the following:

1. Workshop on laboratory safety and presented a lecture on "Need for laboratory safety" at SVIMS on 22nd October 2017.

2. Presented a guest lecture on 'Biomarkers of inflammation in patients with chronic kidney disease' in the symposium on "Biomarkers of infection and inflammation and presented a poster on 'Serum adiponectin levels in women with polycystic ovary syndrome' at 25th National conference of the Association of Medical Biochemists of India (AMBI), Mysuru during 17-19 November 2017.

Dr M.M.Suchitra delivered a lecture in a symposia on "Inborn errors of Metabolism" on "An approach to hypoglycemia in the new born" and presented a poster on "Association of serum adiponectin with disease activity in patients with rheumatoid arthritis" at 25th National Conference of AMBI, Mysuru during 17-19 November 2017.

Dr N. Harini Devi, delivered lectures on

1. Impact of glucocorticoid on inflammation and immunity: the biochemical aspects in CME on "Glucocorticoids in clinical practice: A Critical appraisal" at SVIMS on 4th March 2017.

2. "Handling of Glassware and Equipment's" in the workshop on laboratory safety at SVIMS,Tirupati on 22nd October 2017.

3. A study of Non-Traditional Biochemical Markers of Cardiovascular risk in relation to the level of fasting glycemia in patients with type 2 Diabetes Mellitus at 25th National Conference of AMBI, Mysuru during 17-19 November 2017.

Dr Kiranmayi VS, attended the following:

1. Presented a paper on 'Study of oxidative stress following contrast administration in non-diabetic patients undergoing coronary angiography'at 104th Indian Science Congress organized by S V University, Tirupati during 3-7 January 2017

2. Delivered lecture on 'chemical hazards:safety measures' in the workshop on "laboratory safety" at SVIMS,Tirupati on 22nd October 2017.

3. Presented a poster on 'Study of serum adiponectin levels in type 2 diabetes mellitus patients with albuminuria' at 25th National conference of AMBI (AMBICON-2017), Mysuru, during 17-19 November 2017.

3.5 Presentation by postgraduate students

Postgraduate students pursuing MD (Biochemistry) presented the following papers at:

25th National Conference of AMBI at Mysuru during 17-19 November 2017.

1. **Lakshmanna N.** Adipokines in type 2 diabetes mellitus patients with non-alcoholic fatty liver disease.

2. **Keerthitej M.** Presented a poster on "Tumor markers in Chronic kidney disease".

3.6 Publications

Publications in indexed journals

1. **Chandrasekhar T, Suchitra MM, Pallavi M, L N Srinivasa Rao PV, Sachan A.** Risk Factors for Cardiovascular Disease in Obese Children. Indian Pediatr. 2017;54(9):752-5

2. **G. Tejaswi, M.M. Suchitra, D. Rajasekhar, V.S. Kiranmayia, P.V.L.N. Srinivasa Rao.** Myeloperoxidase, protein carbonyls and oxidative stress in coronary artery disease. Journal of Indian College of Cardiology. 2017; 7:149-52.

3. **VL.Ashalatha, AR Bitla, VS Kumar, D.Rajasekhar, M.M.Suchitra, AY.Lakshmi, PVLNS Rao.** Biomarker response to contrast administration in diabetic and non diabetic patients following coronary angiography. Indian J Nephrol 2017 Jan-Feb; 27(1): 20–7.

4. **Sridhar AVSSN, Harini Devi N, Usha Kalawat T, Sri Ram Naveen P, Krishna Kishore Ch, Siva Kumar V.** Disseminated strongyloidiasis with acute kidney injury. J Clin Sci Res 2017;6:190-2.

Original articles

5. **Ramesh Babu M,** Bitla AR. Automation of Ischemia Modified Albumin on Beckman Analyser. National Journal of Laboratory Medicine 2017; 6(1):9-14.

6. **Rao PS,** Bitla AR. Simultaneous determination of arginine, citrulline, and asymmetric dimethylarginine in plasma by reverse phase high-performance liquid chromatography. J Lab Physicians 2017;9:243-8.

7. **Shalini Patlolla, Suresh Vaikkakara, Alok Sachan, Ashok Venkatanarasu, Bharath Bachimanchi,** Aparna Bitla, Sarala Settipalli, Sumathi Pathiputturu, Roopa Naik Sugal, Sravani Chiri. Heterogenous origins of hyperandrogenism in the polycystic ovary syndrome in relation to body mass index and insulin resistance. Gynecological Endocrinol 2017;1-5.

8. **Gouroju S, Rao PVLNS, Bitla AR, Vinapamula KS, Manohar SM, Vishnubhotla S.** Role of Gut-derived Uremic Toxins on Oxidative Stress and Inflammation in Patients with Chronic Kidney Disease. Indian J Nephrol. 2017;27(5):359-364.

9. **Krishna Barla, Kiranmayi S. Vinapamula, Siddharthakumar Bhattaram, Aparna R. Bitla, Suchitra M. Manohar.** Multi Marker Evaluation of Cardiovascular Disease Risk in Patients with Rheumatoid Arthritis. International Journal of Clinical Biochemistry and Research2017;4:140-144.

10. **Kadiyala S, Gavini S, Kumar DS, Kiranmayi V, Rao PS.** Applying Bloom's taxonomy in framing MCQs: An innovative method for formative assessment in medical students. J NTR Univ Health Sci 2017;6:86-91.

Case reports / special features / review

11. **Rama K, Srinivasa Rao PVLN,** Bitla AR. MicroRNAs in health and disease. J Clin Sci Res 2017;6:25-34.

12. **Bitla AR, Sandeep P, Ashalatha VL, Lakshmi AY, Srinivasa Rao PVLN, Rajasekhar D, Siva Kumar V. Mehran** risk score for predicting contrast-induced nephropathy: Relevance to Indian population. J Clin Sci Res 2017;6:133-37. (Special feature)

Accepted for Publications

13. Spontaneous left atrial echo contrast, mitral annular systolic velocity and left atrial appendage late emptying velocity in predicting left atrial function after percutaneous balloon mitral valvuloplasty accepted in Echocardiography Journal. (Dr MM Suchitra)

14. **Krishna Kishore Ch, Harini Devi N, PVLN SrinivasaRao,Lakshmi AY, Siva Kumar V,** A Study of markers of oxidative stress, inflammation and Endothelial dysfunction in End-Stage Renal Disease patients with Hepatitis C virus positive status on maintanance Hemodialysis J Clin Diag Res.

Papers under review

15. **Pullaiah P, Suchitra MM, Siddhartha Kumar B.** Protein carbonyl content and Protein Thiols in Rheumatoid arthritis in Indian Journal of Medical Research.

3.6 CMEs conducted by the Dept.

CME conducted

1. Joint CME with Dept of Endocrinology on "Glucocorticoids in Clinical Practice - A critical appraisal" at SVIMS on 4th March 2017.

CMEs attended

Dr PVLN Srinivasa Rao, Dr Aparna R Bitla, Dr MM Suchitra, Dr VS. Kiranmayi, Dr N. Harini Devi attended CME on 'Glucocorticoids in Clinical Practice-A critical appraisal' jointly organized by Department of Biochemistry, Endocrinology and Pharmacology on 4th March 2017.

3.7 Other academic activities

Dr PVLN Srinivasa Rao, attended the following:

1. 8th meeting of Board of PG Teaching & Research of BLDE University, Karnataka during 1- 3 March 2017.

2. Workshop in Sri Devaraj Urs Academy of Higher Education and Research, Tamaka, Kolar on 25th March 2017.

3. External examiner for MD final exams at NIMS, Hyderabad during 10-11 April 2017.

4. MCI Inspector to conduct MCI Inspection for PG courses in Govt. Medical College, Nizamabad during 29- 30 May 2017.

5. MCI Inspector to conduct MCI Inspection for PG courses at Govt. Medical College, Miraj during 19-20 June 2017.

6. Guided one ICMR-Short term studentship (STS) project for a 2nd year MBBS student of SVIMS SPMCW on "Screening for thyroid disorders in undergraduate medical students".

Dr Aparna R Bitla, attended the following:

1. 104th Indian Science congress organized by S.V.University, Tirupati during 3-7 January 2017.

2. Appointed as Vice-Principal (pre-clinical) for SVIMS, SPMC(W) on 13th January 2017.

3. Seminar on "Laboratory accreditation-A perspective from Government, Regulators and Industries" organised by Quality Council of India at New Delhi on 20th January 2017.

4. A short course on 'Sample size calculation' organized by the Department of Biostatistics at Biostatistics Resource and Training centre, Christian Medical College Vellore during 11-12 May 2017.

5. Training program on Implementation of NABH standards at Hyderabad during 13-15 October 2017.

Dr M.M. Suchitra, attended the following:

1. Guided ICMR- Short term studentship (STS) Project for 2nd yr MBBS student on "Patterns and prevalence of dyslipidemia in obese person in Chittoor district".

2. As examinaer for 1st MBBS examination at

i) Mysore Medical College, Mysuru, Karnataka during 16-18 August 2017.

ii) Sambhram Institution of Medical Sciences and Research, KGF Kolar, Karnataka during 19-21 July 2017.

iii) Sri Venkateswara Medical College, Tirupati on 6th December 2017.

3. PG (MD Biochemistry) examination at ESIC Medical College & PGIMSR, Bangalore during 3-5 July 2017.

4. Evaluated MD Biochemistry thesis from RGUHS - 4 Nos. in April 2017

Dr M.M.Suchitra was invited and has been appointed as:

1. Academic editor in Journal of Advances in Medicine and Medical Research on 28th November 2017.

2. Editorial board member in Journal of Clinical Biochemistry on 24th August 2017

3. Editorial board member in Indian Journal of Medical Biochemistry on 30th June 2017

4. Reviewer in Journal of Endocrinology and Thyroid Research (JETR) records on 28th August 2017

5. Reviewer in Global Journal of Endocrinology & Metabolism on 15th August 2017.

Dr Harinidevi, attended the following:

1. 104th Indian Science congress at S.V.University, Tirupati during 3-7 January 2017.

2. 25th National conference of the AMBI at Mysuru during 17-19 November 2017.

Dr VS Kiranmayi, attended short course on 'Sample size calculation' organized at Biostatistics Resource and Training centre, Christian Medical College, Vellore during 11-12 May 2017.

4.0 DEPARTMENT OF BIOINFORMATICS

Associate Professor & Head
Dr A. Umamaheswari

Teaching Assistant
Ms. Nalamolu Ravina Madhulitha

PhD Research Scholars
Mr. Pasala Chiranjeevi Mr. Katari Sudheerkumar Ms. Sharon Priya Alexander

4.1 Awards, achievements and felicitations:

1. **Dr A. Umamaheswari** was awarded with DBT-Incentive Award - 2016 under BIF University category by DBT, Govt. of India at ACTREC, Mumbai during 3-4 February 2017.
2. **Ravina Madhulitha N** was awarded with certificate of appreciation from the Director-cum-VC, SVIMS University on Republic day celebrations 2017.
3. **Haripriya S, Sudheer Kumar K, Subhash KR and Umamaheswari A.** Optimization of non-selective ß-blockers was presented and awarded as the best poster in the SRMC EQUINOX 2017, a National Undergraduate Medical Conference at SRMC, Chennai during 5-7 July, 2017.

4.2 Research projects

Dr A. Umamaheswari as a Principal Investigator

Research Projects completed

1. Title: Designing RAS mediated pathway inhibitors and development of database, Funding agency: Indian Council of Medical Research (ICMR), Govt. of India, New Delhi, 2014-16 (3 yrs.)
2. Title: In silico identification of potential drug targets and vaccine candidates against pathogens causing atherosclerosis, Funding agency: Department of Science & Technology, Govt. of India, New Delhi, 2012-16 (5 yrs.)
3. Title: Multiple docking strategies and pharmaco phore design for amyloid pathway proteins. Funding agency: Indian Council of Medical Research (ICMR), Govt. of India, New Delhi, 2015-17 (3 yrs.)

Ongoing Research Projects

1. **Title:** Creation of BIF for promotion of BTBI by DBT. **Funding agency:** Department of Biotechnology (DBT), Ministry of Science &Technology, Govt. of India. New Delhi, 2006-2020 (15 yrs.)
2. **Title:** Computer aided approach to identify drug targets, vaccine candidates and potent lead molecules against gastrointestinal pathogen Helicobacter pylori, **Funding agency:** Indian Council of Medical Research (ICMR), Govt. of India, New Delhi, 2014-18 (5 yrs.)

4.3 Research works:

Thesis submitted

1. **Kanipakam Hema.** In silico identification of potential drug targets and vaccine candidates against pathogens causing atherosclerosis (PhD) Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.
2. **Natarajan Pradeep:** Multiple docking strategies and pharmacophore design for amyloid pathway proteins (PhD). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

Ongoing Thesis works

1. **Pasala Chiranjeevi.** Computer aided approach to identify drug targets, vaccine candidates and potent lead molecules against gastrointestinal pathogen Helicobacter pylori (PhD).
2. **Katari Sudheer Kumar:** In silico trials to identify potent inhibitors against matrix metallo proteinases in breast cancer (PhD).

3. **Nalamolu Ravina Madhulitha:** Computer aided approach to identify potential drug targets and potent lead molecules against Mycobacterium tuberculosis (PhD).

4. **Sharon Priya Alexander.** Potential drug target identification and inhibitor design for human breast cancer through transcriptomic analysis (PhD).

4.4 Conferences attended/lectures delivered:

Dr A. Umamaheswari, delivered a lecture on "Targeting EGFR-kinases for cancer therapy: EGFR-mutated lung cancer" in the National conference on Current challenges in drug discovery and development at Sri Padmavati MahilaVisvavidyalayam, Tirupati during 6 7 February 2017.

International

Drug Design at JNU, Delhi during 7-9 April 2017.

1. **Pradeep N, Sudheer Kumar K, Sandeep S, Hema K, Vengamma B and Umamaheswari A.** Identification of novel SOD1 antagonist through Denovo design.

Targeted Cancer Therapies & Biofluid Biopsies at Bengaluru during 25-26 May 2017.

1. **Sudheer Kumar K, Chiranjeevi P, Ravina Madhulitha N and Umamaheswari A.** Design of novel antagonists of matrilysin through advanced pharmacophore based virtual screening and molecular dynamics simulations.

Drug Discovery India- 2017 at Bengaluru during 14-15 September 2017.

1. **Kartik Kumar S, Sudheer Kumar K, Ravina Madhulitha N and Umamaheswari A.** Atom-Based 3D-QSAR, Molecular Docking and Dynamics Studies for Designing Potent Inhibitors against Human MAO-B.

   4th IIT Madras - Tokyo Tech Joint Symposium on "Frontiers in Bioinformatics: Large Scale Data Analysis, Resources and Drug Design" at Tokya, Japan during 10-11 November 2017.

2. **Ravina Madhulitha N, Sudheer Kumar K, Chiranjeevi P, Kartik Kumar S and Umamaheswari A.** Inhibitor design of leucine rich repeat kinase-2 (LRRK2), an important kinase target of Parkinson's disease.

3. **Siva Ranjani P, UmakanthNaik V, Ravina Madhulitha N, Sudheer Kumar K and Umamaheswari A.** Novel antagonists design against AroB of M. tb. through virtual screening, docking and molecular dynamics simulations.

4. **Umakanth Naik V, SivaRanjani P, RavinaMadhulitha N, Sudheer Kumar K and Umamaheswari A.** Identification of novel inhibitors through virtual screening, docking and molecular dynamics simulations against RmlC of M. tuberculosis

Innovations in Pharma and Biopharma Industry (ICIPBI-2017) theme on "Challenges and Opportunities for Academy and Industry" at Hyderabad during 20-22 December 2017.

1. Chiranjeevi P, Sudheer Kumar K, Sharon Priya Alexander, Ravina Madhulitha N and Umamaheswari A. LpxC enzyme-targeted inhibitor design: High affinity novel scaffolds.

2. Sharon Priya Alexander, Sudheer Kumar K, Chiranjeevi P, Ravina Madhulitha N and Umamaheswari A. Identification of novel inhibitors for KdsB of H. influenza through E-pharmacophore modelling and core hopping.

National

104th Indian Science Congress at SVUniversity, Tirupati during 3-7 January 2017.

1. **Sudheer P, Rani Prameela D, Umamaheswari A, Sreenivasulu D, Chiranjeevi P, Vinod Kumar N and Jagadeesh Babu A.** In silico identification of vaccine candidates against Bovine Leptospirosis through pan genome reverse vaccinology.

2. **Sudheer Kumar K, Pradeep N, Chiranjeevi P, Ravina Madhulitha N and Umamaheswari A.** An in silico trial to target gelatinases.

3. **Chiranjeevi P, Chandra Sekhar Reddy C, Hemanth Kumar M, Aparna R. Bitla and Umamaheswari A.** Identification of common drug targets and putative vaccine candidates of Helicobacter pylori.

4. **Ravina Madhulitha N, Sudheer Kumar Katari, PasalaChiranjeevi and Umamaheswari** A. Design of novel inhibitors for MurA of Haemophilus influenzae through E-pharmacophore modeling.

5. **Sandeep S, Hema K, Pradeep N, Suchitra MM, Rajeswari J and Umamaheswari A.** In silico discovery of H-Ras inhibitors.

6. **Hema K, Sandeep S, Pradeep N, Suchitra MM and Umamaheswari A.** Discovery of novel antagonists for rho through in silico approach.

7. **Pradeep N, Sudheer Kumar K, Sandeep S, Hema K, Vengamma B and Umamaheswari A.** Virtual screening and core hopping to identify novel agonist for glutathione peroxidase

19th Workshop on Computational and Structural Bioinformatics at Wardha, Maharashtra during 9-10 January 2017.

1. **Pradhan D, Umamaheswari A and Arun Kumar Jain.** Computer aided techniques for target based drug design.

Trends in Cancer Research under one health concept at SV Veterinary University, Tirupati during 4-6 February 2017.

1. **Sandeep S, Sudheer Kumar K, Hema K, Pradeep N, Suchitra MM, Rajeswari J and Umamaheswari A.** Discovery of novel inhibitors for C-Raf through energy optimized structure based pharmacophore molecular docking and dynamics studies.

Current Challenges in Drug Discovery and Development at SPMVV, Tirupati during 6-7 February 2017.

1. **Pradeep N, Sudheer Kumar K, Sandeep S, Hema K, Vengamma B and Umamaheswari A.** Design potential Gamma Secretase antagonists with core hopping approach.

2. **Hema K, Sandeep S, Pradeep N, Chiranjeevi P, Suchitra MM and Umamaheswari A.** Identification of effectual inhibitors against lpxA through multiple docking strategies and molecular dynamics simulations: a novel in silico approach

Cutting edge Innovations and Future Prospects of Biotechnology at SPMVV, Tirupati during 27-28 February 2017.

1. Pradeep N, Sharon Alexander Priya, Sudheer Kumar K, Sandeep S, Hema K, Vengamma B and Umamaheswari A. E-pharmacophore based approach to identify potential APOE4 antagonists.

2. Sandeep S, Hema K, Pradeep N, Chiranjeevi P, Suchitra MM, Rajeswari J and Umamaheswari A. In silico investigation of potent leads for MEK

Breaking Barriers through Bioinformatics & Computational Biology at IIT Delhi, New Delhi during 31st July-1st August 2017.

1. **Sudheer Kumar K, Chiranjeevi P, Ravina Madhulitha N and Umamaheswari A.** Design and validation of novel antagonists of stromelysin-1 (MMP-3) through core hopping, ROC metrics and molecular dynamics simulations.

4.5 Publications

Publications in indexed journals

1. **Sudheer Kumar K, Chiranjeevi P, Ravina Madhulitha N and Umamaheswari A.** Design and validation of novel antagonists of stromelysin-1 (MMP-3) through core hopping, ROC metrics and molecular dynamics simulations. Journal of Proteins and Proteomics.2017; 8(3): 22-3.

2. **Ravina Madhulitha N, Pradeep N, Sandeep S, Hema K, Chiranjeevi P, Sudheer Kumar K and Umamaheswari A.** E-Pharmacophore Model Assisted Discovery of Novel Antagonists of nNOS. Biochemistry and Analytical Biochemistry. 2017; 6(1): 1-9.

Papers under Review

1. **Chiranjeevi P, Chandra Sekhar Reddy C, Sudheer Kumar K, Ravina Madhulitha N, Aparna R. Bitla.** An in silico study: Novel targets for potential drug and vaccine design against drug resistant H. pylori. Microbial Pathogenesis.

2. **Chiranjeevi P, Hema K, Sudheer Kumar K, Ravina Madhulitha N and Umamaheswari A.** Common subunit vaccine design through pan-

genomic reverse vaccinology against H. pylori strains by structure based molecular docking and dynamics. Journal of Biomolecular Structure and Dynamics.

3. **Sudheer Kumar K, Chiranjeevi P, Ravina Madhulitha, Ramesh U and Umamaheswari A.**Designing Potent Inhibitors against Matrilysin (MMP-7) via targeting AXHEXGHXXGXXH Catalytic Motiff. Molecular Biotechnology.

4.6 CMEs conducted

A CME on "Revisiting of Mycobacterium tuberculosis" conducted in collaboration with Dept. of Biotechnology on 30th December 2017.

4.7 CMEs/Seminars/Workshops attended

1. **V. Umakanth Naik, P. Siva Ranjani, R. Shobha Rani** attended Indian Science Congress Association organized at SV University, Tirupati during 3-7 January 2017.

2. **P. Chiranjeevi, K. Sudheer Kumar, N. Ravina Madhulitha, S. Kartik Kumar, V. Umakanth Naik, P. Siva Ranjani, R. Shobha Rani, K. Vani Sree, M. Niroosha** attended National lecture cum Workshop on Recent trends in Biochemistry and Biotechnology organized by Sri Venkateswara University at Tirupati during 3-4 March 2017.

3. **V. Umakanth Naik, P. Siva Ranjani, R. Shobha Rani, K. Vanisree, M. Niroosha** attended National lecture cum Workshop on Applications of chemoinformatics-big data in drug discovery at SVU, Tirupati during 24-25 March 2017.

5.0 DEPARTMENT OF BIOTECHNOLOGY

Associate Professor & Head
Dr PVGK Sarma

Teaching Assistant
Mr. P. Santhosh Kumar

Research Scholars

Mr. P. Santhosh Kumar | Mr. S. Subbarayu | Ms. G. Deepika

5.1 Awards

1. **Dr P.V.G.K. Sarma,** Associate Professor and Head, Department of Biotechnology received A.P. State Best Teacher award from Hon'ble Chief Minister of Andhra Pradesh at Amaravati on 5th September 2017.

2. **P. Santhosh Kumar,** Ph. D. Scholar in the Department of Biotechnology won the Best First oral paper presentation award in a National Conference on "Trends in cancer research under one health concept" on the occasion of World Cancer day at Sri Venkateswara Veterinary University, Tirupati during 04th to 06th February, 2017.

5.2. Research projects

Research project completed

Principal Investigator: M.M Sunitha, **Title:** In vitro differentiation of Human hematopoietic stems cells into podocytes and beta cells of islets of Langerhans. **Funding agency:** SBAVP, SVIMS.

Ongoing Research projects

Principal Investigator: Mr. P. Santhosh Kumar, **Title:** In vitro differentiation and characterization of cultured human CD34 positive stem cells into hepatocytes, erythrocytes and platelets. **Funding agency:** SBAVP, SVIMS.

5.3 Research work

Theses submitted

1. **Yeswanth S.** Molecular characterization of Biofilm forming proteins from Staphylococcus aureus ATCC 12600 (PhD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

2. **Srikanth L.** In vitro differentiation and characterization of cultured human hematopoietic stem cells to Type II pneumocytes and Osteocytes (PhD). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

3. **Sunitha MM.** In vitro differentiation of Human hematopoietic stems cells into podocytes and beta cells of islets of Langerhans (PhD). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

Ongoing Thesis work

1. **Santhosh Kumar P.** In vitro differentiation and characterization of cultured human CD34 positive stem cells into hepatocytes, erythrocytes and platelets (PhD).

2. **Subbarayudu S.** Molecular characterization of 4-methoxy 1-methyl 2-oxopyridine 3-carbamide (MMOXC) sowing anti Staphylococcus aureus and anti-biofilm properties (PhD).

3. **Deepika G.** Molecular characterization of proteases in Staphylococcus aureus ATCC 12600 showing anti-biofilm properties (PhD).

Dissertation Work

Dissertation Submitted

1. **Apoorva S.** Up regulation of ß-Globin gene and down regulation of ??-globin gene expression promotes Erythrocytes differentiation from CD34+ Stem cells (MSc Dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

2. **Dhanunjaya K.** Cytotoxic effect of Bitter Melon Extract (MomordicaCharantia) on breast cancer cell culture (MSc Dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

3. **Harika J.** Identification, isolation and characterization of bacterium from soil contaminated with engine oil (MSc Dissertation). Tirupati: Sri Venkateswara Institute of medical Sciences; 2017.

4. **Harshvardhan B.** Characterization of T-cell acute lymphatic leukemia by using flowcytometry (MSc Dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

5. **Indumala T.** Cytotoxic effect of capsaicin on breast cancer cell culture (MSc Dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

6. **Keerthi T.** The antineoplastic effect of cinnamon (bark) extract on in vitro cultured breast cancer cells (MSc Dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

7. **Pavani E.** Identification of differentiation potential to Hepatocyte-like cells from CD 34+ Stem cells (MSc Dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

8. **Ramakrishna P.** The effect of glucose and glutamine on the expression of CD34+ in in vitro cultured human HSCs using flowcytometry (MSc Dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

9. **Renuka BS.** Identification, isolation and characterization of hydrocarbon degrading bacteria from cow dung (MSc Dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

10. **Samundeswari E.** Identification and expressional studies on B-cell neoplasm L3 type Burkitts leukemia using flowcytometry (MSc Dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

11. **Sravani M.** Cytotoxic effect of ginger on breast cancer cell culture (M.Sc Dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

12. **Surekha K.** Identification, isolation and characterization of petroleum degrading bacteria (MSc Dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

13. **Vahidha B.** Cytotoxic effect of curcumin in breast cancer cell lines (MSc Dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

14. **Yamini Prahladha S.** Characterization of differentiation potential to platelets from CD34+ stem cells (M.Sc Dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

Thesis work done in collaboration with other departments

Dr PVGK. Sarma was Co-guide for the following thesis

Theses submitted

1. **Sudarsan A.** Correlation between clinical presentation, imaging, pathology and gene mutations in meningioma (MCh Thesis).

2. **Harshvardhan E.** Assessment of on-Clopidogrel platelet reactivity, coronary artery disease severity (Syntax score) and genetic polymorphisms in predicting one year clinical outcomes in patients with STEMI undergoing PCI with stent implantation (DM Thesis).

Ongoing Thesis work

1. **Sowjenya G.** Genetic polymorphism of cytochrome P450 is associated with endothelial dysfunction in the patients with coronary artery disease (PhD Thesis).

2. **Sreedhar Naik K.** Genetic polymorphism of LTA, BAT1 and NFKBIL1 genes in patients with myocardial infarction (PhD Thesis).

3. **Praveena V.** Estimation of plasma EGFR mutation status and its correlation with tumour tissue EGFR mutation status in advanced non small cell lung cancer patients (DM Thesis).

4. **Rakesh Reddy R.** A study on association of CYP2C9 polymorphisms with phenytoin toxicity (DM Thesis).

5. **Sunnesh.** To study the risk factor profile for thrombophilia in patients of ESRD on maintenance hemodialysis with failed AV fistulas (DM Thesis).

5.4. Conferences attended, lectures delivered

International

Dr PVGK. Sarma, attended the following

1. International Conference and expo on Biotechnology and Healthcare and delivered guest lecture on "Gel based in vitro 3D model exploring the osteocytic potentiality of human CD34+ stem cells" at Hyderabad, during 26-27 October 2017.

2. World Congress on Biotechnology and Biological Studies and delivered guest lecture on "Multi potential competency of Human CD34+ Cells makes it as safe and effective cells in the regenerative medicine" and chaired a session at New Delhi, during 9-11 November 2017.

5.5 Presentations by postgraduate students

104thIndian Science Congress organized by Sri Venkateswara University, Tirupati during 3-7 January 2017.

1. **Santhosh Kumar P, Srikanth L, Sunitha MM, Sarma PVGK.** Presented a poster on "In vitro differentiation and characterization of cultured human CD34+ stem cells into Erythrocytes"

2. **Srikanth L, Sunitha MM, Santhosh Kumar P, and Sarma PVGK.** Presented a poster on "Gel based in vitro 3D model exploring the Osteocytic potentiality of human CD34+ stem cells"

3. **Sunitha MM, Srikanth L, Santhosh Kumar P, Chandrasekhar C and Sarma PVGK.** Presented a poster on "Down regulation of PAX2 promotes in vitro differentiation of podocytes from human CD34+ cells".

4. **Sudarsan Agarwal, Prasad B.C.M, Ramesh Chandra V.V, Santhosh Kumar P, and Sarma PV.** Presented a poster on "Novel mutations observed in the NF1 gene in three successive generations in three different Indian families causing neurofibromatosis type 1"

5. **Santhosh Kumar P, Srikanth L, Sunitha MM, Sudheer Reddy K, Sarma PVGK.** Presented a paper on "Identification and analysis of novel mutations in BRCA1 gene in clinically diagnosed breast cancer patients of south India" in a National Conference on "Trends in cancer research under one health concept". On the occasion of world cancer day. Organized by Department of Veterinary Surgery and Radiology, College of Veterinary Science, SVVeterinary University, Tirupati during 4-6 February 2017. (This Paper has been selected for First Best oral presentation award).

6. **Santhosh Kumar P, Chandrasekhar C, Srikanth L, Sunitha MM, Sarma PV.** Presented a paper on "In vitro differentiation potential of Human hematopoietic CD34+ stem cells into functional Erythrocytes" in Indian Science Congress Association, Tirupati Chapter. Sri Padmavathi MahilaViswavidyalayam, Tirupati on 10th November 2017.

5.6 Publications

Indexed Journals

1. **Swarupa V, Chaudhury A, Sarma PV.** Effect of 4-methoxy 1-methyl 2-oxopyridine 3-carbamide on Staphylococcus aureus by inhibiting UDP-MurNAc-pentapeptide, peptidyl deformylase and uridine monophosphate kinase. J Appl Microbiol. 2017;122(3):663-75.

2. **Sunitha MM, Srikanth L, Santhosh Kumar P, Chandrasekhar C, Sarma PV.** Down-regulation of PAX2 promotes in vitro differentiation of podocytes from human CD34+ cells. Cell Tissue Res. 2017;370(3):477-88.

3. **Babu PP, Santhosh Kumar P, Mohan A, Kumar BS, Sarma PV.** Novel mutations in the exon 5, intron 2 and 3' UTR regions of IL-12B gene were observed in clinically proven tuberculosis patients of south India. Cytokine. 2017;99:50-8.

4. **Vasu D, Santhosh Kumar P, Prasad UV, Swarupa V, Yeswanth S, Srikanth L, Sunitha MM, Choudhary A, Sarma PV.** Phosphorylation of Staphylococcus aureus Protein-Tyrosine Kinase Affects the Function of Glucokinase and Biofilm Formation. Iran Biomed J. 2017;21(2):94-105.

5. **Santhosh Kumar P, Chandrasekhar C, Srikanth L, Sunitha MM, Sarma PV.** In vitro differentiation and characterization of Human hematopoietic CD34+ stem cells into Erythrocytes. J Stem Cells. 2017;12(2):63-70.

6. **Chandrasekhar C, Santhosh Kumar P, Sumanth Kumar M, Sarma PV.** A retrospective study of JAK-2 mutations, Endogenous Erythroid Colony formation assay in absolute erythrocytosis patients in a tertiary care centre, South India. J Stem Cells. 2017;12(2):71-81.

7. **Prasad UV, Vasu D, Gowtham RR, Pradeep CK, Swarupa V, Yeswanth S, Choudhary A, Sarma PV**GK. Cloning, Expression and Characterization of NAD Kinase from Staphylococcus aureus Involved in the Formation of NADP (H): A Key Molecule in the Maintaining of Redox Status and Biofilm Formation. Adv Biomed Res. 2017;6:97.

8. **Yeswanth S, Chaudhury A, Sarma PV.** Quantitative Expression Analysis of SpA, FnbA and Rsp Genes in Staphylococcus aureus: Actively Associated in the Formation of Biofilms. Curr Microbiol. 2017;74(12):1394-403.

9. **Yeswanth S, Sekhar KC, Chaudhary A, Sarma PV.** Anti-microbial and Anti-biofilm activity of a novel Dibenzyl (benzo[d] thiazol-2-yl (hydroxy) methyl) phosphonate by inducing protease expression in Staphylococcus aureus. Med Chem Res. 2017. doi.org/10.1007/s00044-017-2102-8.

10. **Yellapu NK, Kilaru RB, Chamarthi N, Sarma PV, Matcha B.** Structure based design, synthesis and biological evaluation of amino phosphonate derivatives as human glucokinase activators. Comput Biol Chem. 2017;68:118-30.

11. **Erathi HV, Durgaprasad R, Velam V, Sarma PV, Rodda M, Kapil C, Kanavath SN.** Evaluation of On-Clopidogrel platelet reactivity overtime, SYNTAX SCORE, genetic polymorphisms and their relationship to one year clinical outcomes in STEMI patients undergoing PCI. Minerva Cardioangiol. 2017 Jul 27. doi: 10.23736/S0026-4725.17.04438-3.

12. **Madhavi R, Rajasekhar D, Sarma PV, Vanajakshamma V, Sowjenya G, Sreedhar K, Kapil C.** Genetic Polymorphisms of ABCB1 Gene in Patients Having Resistance to Clopidogrel. World J Cardiovasc Dis. 2017;7:390-8.

Books published

1. **Sarma PV.** Molecular Biology: A practical manual, MJ Publishers. ISBN 978-81-8094-340-9.

2. **Swathi S, Santhosh Kumar P, Sarma PV.** Role of ANN Techniques in Detection of Breast Cancer. Lap Lambert Academic publishing. ISBN: 978-3-330-34470-9.

3. **Nanda Kumar Y, Sarma PV, Bhaskar M**. Structure and functional correlations of Human glucokinase, Lap Lambert Academic publishing. ISBN: 978-3-659-63553-3.

5.7 CMEs conducted:

A CME on "Revisiting of Mycobacterium tuberculosis" on 30th December 2017 jointly by the Department of Biotechnology and Bioinformatics.

5.8 Other academic activities

Dr PVGK. Sarma submitted the following GenBank submissions to NCBI

Homo sapiens isolate mutant P11, P12, P13 P14 and control NF-kappa-B inhibitor-like protein 1 (NFKBIL1) gene, exon 2 and partial cds. Acession: MF477893.1, MF477892.1, MF477891.1. MF477890.1, MF477889.1.

Homo sapiens isolate mutant P7, P8, P9, P10 and control lymphotoxin alpha (LTA) gene, exon 3 and partial cds. Accession: MF477888.1, MF477887.1, MF477886.1. MF477885.1, MF477884.1.

Homo sapiens isolate mutant P1, P2, P3, P4, P5, P6 and controlDExD-box helicase 39B (DDX39B) gene, exon 2 and partial cds. Accession: MF477883.1, MF477882.1, MF477881.1, MF477880.1, MF477879.1, MF477878.1, MF477877.1.

Homo sapiens catechol-O-methyltransferase (COMT) gene, exon 4 and partial cds. GenBank: MF460457.1.

Homo sapiens TNF receptor-associated factor 7 (TRAF7) gene, exon 8, 16 & 18 and partial cds. GenBank: MF116141.1, MF116142.1 & MF116143.1.

Homo sapiens neurofibromin 2 (NF2) gene, exon 1, 3 & 9 and partial cds. GenBank: MF116138.1, MF116139.1 & MF116140.1.

6.0 DEPARTMENT OF CARDIOLOGY

Senior Professor & Head
Dr D. Rajasekhar

Faculty

Dr V. Vanajakshamma	Dr C. Kapil	Dr E.V. Harshavardhan
Dr O. Harish,	Dr P. Sudhakar Reddy	Dr A.T. Naresh
Dr B. Sunil Abhishek		

PG (DM) Senior Residents

Dr D. Sreenivasa Reddy	Dr S. Praveen Kumar Reddy	Dr M. Raja Naga Mahesh
Dr K. Kiran Kumar	Dr T. Suresh Babu	Dr C. Nagaraja Reddy
Dr Ch. Narendra	Dr M. Naga Narasimha Reddy	Dr B. Raghuram
Dr N. Vinod Kumar	Dr P. Sumanth Reddy	Dr V. Ravindra Dev

Research Scholars

Ms Sowjenya G

Mr Sreedhar Naik K

6.1 Awards, achievements and felicitations

Dr D. Rajasekhar was felicitated by

1. Tirupati City Chamber with 'Ugadhi Puraskar for life time achievement" on 16th April 2017.
2. Appointed as ***'Faculty of the year'*** by the TCTAP 2017 for the 22nd Annual meeting at Seoul Korea during 25-27 April 2017
3. STEMI India society during its annual general body meeting for being an outstanding Teacher in Cardiology in Andhra Pradesh at Vijayawada on 1st July 2017.
4. Unanimously elected as ***'President Elect'*** for the AP chapter of Cardiological Society of India during its annual conference for being an outstanding Teacher in Cardiology in Andhra Pradesh at Nellore on 7th October 2017.
5. Friends Club of Tirupati for his outstanding services in cardiac care in this region on 10th December 2017.

Dr V. Vanajakshamma was felicitated by

1. BJAC on the eve of International women's day at Gandhi Bhavan, Tirupati on 26th March 2017.
2. Jana Vignanavedika on the eve of Doctors Day celebrations at Kiran EM School, Tirupati on 1st July 2017.

Dr D. Sreenivasa Reddy, DM Senior Resident was awarded

1. ***First prize*** in Poster Presentation held in ICCCON-2017 for his paper titled "Determinants of total Ischemic Time in primary percutaneous Coronary Interventions - a prospective analysis" at Bhubaneshwar during 15-17 September 2017.
2. Dr G. Subramanyam ***Gold medal*** for best research paper presentation at APCSI-2017 conference for his paper titled "Determinants of total Ischemic Time in primary percutaneous Coronary Interventions - a prospective analysis at Nellore during 7-8 October 2017.

Dr K. Kiran Kumar, DM Senior Resident won second prize for free paper presentation at APCSI-2017 conference for his paper titled " Gene variations in cardiac Cytochrome P450 epoxygenases and its association with endothelial dysfunction in patients with coronary artery disease" at Nellore during 7-8 October 2017.

Department successfully completed 2,000 Primary PTCAs on 26th September, 2017. Highest number of Interventions in a calendar year (1830) and highest number of PTCA (1500). For the first time the Department performed 400 Primary Angioplasties in a calendar year.

6.2 Research Projects:

Research Projects completed in 2017:

1. **Principal Investigator:** Sreenivasa Reddy D **Title:** Determinants of total ischemic time in primary percutaneous coronary interventions - a prospective analysis. **No Funding.**

2. **Principal Investigator:** Kiran Kumar K. **Title:** Cardiac ailments in pilgrims admitted in Sri Venkateswara Institute of Medical Sciences, Tirupati - a 2 year analysis. **No Funding.**

3. **Principal Investigator:** Vinod Kumar N. **Title:**A comparative study of clinical profile and outcomes of patients with ischemic and non-ischemic complete heart block. **No Funding.**

4. **Principal Investigator:** Tirumala Naresh A. **Title:**Clinical profile and outcome of Infective endocarditis in a tertiary care center: A retrospective study. **No Funding.**

5. **Principal Investigator:** Dr Rajasekhar D. **Title:**Cardiovascular risk profile in delegates of Indian Science Congress 2017. **No Funding.**

Ongoing research projects

Dr D.Rajasekhar as principle investigator

1. A randomized, double-blind, placebo-controlled, event driven trial of quarterly subcutaneous canakinumab in the prevention of recurrent cardiovascular events among stable post-myocardial infarction patients with elevated hsCRP. **Funding agency :** Multicentre trial -- Novartis Healthcare India Pvt Ltd

2. Global Anticoagulant Registry In the FIELD (GARFIELD): Prospective, multicentre, international Registry of male and female patients newly diagnosed with atrial fibrillation. **Funding agency:** Multicentre trial – Thrombosis Research Institute, London.

3. Comparison of Biodegradable polymer (Everoflex) versus Permanent polymer (Xience Pro) coated Everolimus-eluting coronary stent systems in all-comers patient population at a tertiary care hospital: one year outcomes study. **No funding**

6.3 Research work

Theses Submitted

1. Kapil C. Correlation between angiographic severity of coronary artery disease and serum HbA1c, eGFR, CIMT in patients undergoing elective coronary angiography (DM). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

2. Harshavardhan E.V. Assessment of On-Clopidogrel Platelet reactivity, Coronary Artery Disease severity (Syntax score) and Genetic polymorphisms in predicting one year clinical outcomes in patients with STEMI undergoing PCI with stent implantation (DM). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

3. Tirumala Naresh A. Study of spontaneous echo contrast, mitral annular systolic velocity, LAALEV before and after PTMC in patients with sinus rhythm (DM). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

4. Sudhakar Reddy P. Assessment of correlation between CT coronary calcium scoring and carotid intimal medial thickness with angiographic severity of coronary artery disease (DM). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

5. Sowjenya G. Genetic polymorphism of Cytochrome P450 is associated with endothelial dysfunction in patients with coronary artery disease (PhD). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

6. Latheef K. Polymorphisms of MTHFR, IL-6 and ICAM-1 genes in patients with Coronary artery disease (PhD). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

Ongoing Thesis work

1. Sreenivasa Reddy D. Usefulness of 128-slice multidetector computed tomography in diagnosis of coronary artery disease in patients with chest pain and negative or nondiagnostic exercise treadmill test result (DM).

2. Kiran Kumar K. Study of correlation between CHA2DS2-VASc score, SYNTAX score and carotid intima –media thickness in patients with coronary artery disease. (DM).

3. Narendra Ch. Role of Real-time trans thoracic three dimensional echo-cardiography score (RT-TT3DE score) in predicting the immediate outcomes of percutaneous transvenous mitral commissurotomy (PTMC) (DM).

4. Vinod Kumar N. Correlation of clinical risk scores with angiographic extent of coronary artery disease in patients with non ST-elevation myocardial infarction /unstable angina and their effects on 6 months outcomes (DM).

5. Suresh Babu T. Value of resting and stress myocardial deformation assessment by two dimensional speckle tracking echocardiography to predict the presence, extent and localization of coronary artery affection in patients with suspected stable coronary artery disease (DM).

6. Sumanth Reddy P. Effect of Percutaneous balloon mitral valvuloplasty on six minute walk test and left ventricular performance by speckle tracing echocardiography in rheumatic severe mitral stenosis (DM).

7. Praveen Kumar Reddy S. Right ventricular strain, strain rate and pulmonary function before and after percutaneous balloon mitral valvuloplasty in patients with severe mitral stenosis (DM).

8. Naganarasimha Reddy M. Value of ST-Segment elevation in lead aVR in non ST elevation myocardial Infarction/unstable angina in predicting disease extent, severity and outcomes at 3 months (DM).

9. Sreedhar Naik K. Genetic polymorphism of LTA, BAT1 and NFKBIL1 genes in patients with myocardial infarction (PhD).

6.4 Conferences attended, lectures delivered

Dr D. Rajasekhar, attended the following:

International

1. TCT 2017 as 'Associate faculty' at Denver USA during 29th October - 3rd November 2017.

2. Euro PCR conference and presented a poster on "Comparison of biodegradable Polymer and fixed polymer coated everolimus eluting coronary stent systems in all comer patient populations at a tertiary care hospital one year outcome study" at Paris during 16-19 May 2017.

National

1. Presented a free paper on "Novel single nucleotide polymorphism in Exon-10 of Human coagulation factor V gene in patients with pulmonary embolism" in symposium organised during ISC annual Scientific session at Tirupati in January 2017.

2. 'STEMI INDIA' national conference and delivered a lecture on "Evaluation and Management of failed thrombolysis in STEMI" at Vijayawada during 1-2 July 2017.

3. Update in Medicine organised by MERT & SJIC and delivered a lecture on ''Management of pericardial diseases'' at Bangalore in September 2017.

4. Delivered a lecture on "Off pump VS on pump CABG-which is better?" in 3rd annual conference of APCSI at Nellore during 7-8 October 2017.

5. Cardiological Society of India annual conference and gave a guest lecture on "Microalbuminuria and cardiovascular risk" at Kolkata during 30th November - 3rd December 2017.

6. Scientific meeting and chaired a session at India Cardiovascular Symposium of ACC at Mumbai in January 2017.

7. India live program and chaired a Scientific Session at Delhi during 2-4 March 2017.

8. National interventional council meeting and chaired a Scientific Session at Delhi during14-15 April 2017.

9. Indian College of cardiology annual conference and chaired a Scientific Session at Bhubaneswar during 15-17 September 2017

Dr V. Vanajakshamma, attended the following:

1. 104th Indian Science Congress conference and delivered a lecture on "Healthy child –Nations pride" at Tirupati on 6th January 2017.

2. OPRA 2017 and Participated in the training programme at CREST Bangalore during 26-29 January 2017.

3. NMOCON-2017 and delivered a lecture on "Healthy Youth" at Jodhpur on 11th February 2017.

4. IMA meeting and delivered a talk on "Meditation Medical perspective" at Nandyal on 5th May 2017

5. CARDIAC PREVENT-2017 conference and delivered a lecture on "Glycaemic load more important than Glycaemic index" at Coimbatore on 25th June 2017.

6. GSI-2017 conference and Spoke on Importance of meditation and conducted practical session on meditation at SVMC, Tirupati on 2nd October 2017.

7. NCSI-2017 conference and delivered a lecture on "Stress echocardiography" at Tirupati on 7th October 2017.

8. Delivered a lecture on "Stress and Cardiovascular health" Psychiatry CME at Tirupati on 30th November 2017.

Dr P. Sudhakar Reddy, Dr K. Sreedhar Babu, Miss. G. Sowjenya, Mr. K. Sreedhar Naik attended APCSI conference at Nellore during 7-8 October 2017.

Dr O. Harish, B. Sunil Abhishek attended CSI conference at Kolkata during 30th November - 3rd December 2017.

Dr R. Madhavi, Dr G. Obul Reddy attended INDIA LIVE cardiac intervention conference at Delhi during 2-4 March 2017.

Dr D. Kranthi Chaithanya, Dr K. Sreedhar Babu attended NIC conference at Delhi during 14-15 April 2017.

Miss. G. Sowjenya, Mr. K. Sreedhar Naik attended 104-ISCA-2017 SV University, Tiruapati during 3-7 January 2017.

Mr K. Sreedhar Naik attended ICIPBI-2017 at Hyderabad Central University during 20-22 December 2017.

Miss. G. Sowjenya, attended ISARCON-2017 conference at Patna during 2-4 November, 2017.

6.5 Presentations by Postgraduate students

Postgraduate students pursuing DM (Cardiology) presented following papers/posters at:

104-ISCA-2017 at Tirupati during 3-7 January 2017.

1. Latheef K. Polymorphisms of MTHFR, IL-6 and ICAM-1 genes in patients with Coronary artery disease.

2. Sowjenya G. Study of efficacy of thienopyridine antiplatelets drugs in post percutneous coronary intervention patients by using platelet aggregometer and to correlate ABCB1 gene Polymorphism in patients found to have clopidogrel resistence.

3. Sreedhar Naik K. Study of CYP2C19*2, CYP3A5*3, PON1, P2Y12 gene polymorphisms, evaluation of On-Clopidogrel platelet reactivity and SYNTAX score in predicting clinical outcomes following percutaneous coronary intervention with drug eluting stent in South Indian patients with ST–elevation myocardial infarction.

ICCCON-2017 at Bhubaneswar during 15-17 September 2017.

1. **Narendra Chanda,** presented a poster titled "Real time transthoracic three dimensional echocardiography score (RT-TT3DE SCORE) in predicting the immediate outcomes of percutaneous transvenous mitral commissurotomy.

2. **Sreenivasa Reddy D.** Usefulness of 128-slice multidetector Computed tomography in diagnosis of coronary artery disease in patients with chest pain and negative or non diagnostic exercise treadmill test results.

3. **Vinod Kumar N.** Clinical risk scores correlation with angiographic extent of coronary artery disease and their 6 month outcomes in patients with non ST-elevation myocardial infarction.

4. **Kiran Kumar K.** Correlation of CHA2DS2-Vasc score with carotid intima media thickness and SYNTAX score in patients with coronary artery disease.

5. **Sreenivasa Reddy D.** Determinants of total ischemic time in primary percutaneous coronary interventions: A Retrospective analysis.

6. **Vinod Kumar N.** A comparative study of clinical profile and outcomes of patients with ischemic and non-ischemic complete heart block.

7. **Kiran Kumar K.** Cardiac alignments in piligrims admitted in Sri Venkateswara Institute of Medical Sciences, Tirupati.

APCSI-2017 at Nellore during 7-8 October 2017

1. Narendra Chanda. Real time transthoracic three dimensional echocardiography score (RT-TT3DE SCORE) in predicting the immediate outcomes of percutaneous transvenous mitral commissurotomy.

2. Sreenivasa Reddy D. "Usefulness of 128-slice multidetector Computed tomography in diagnosis of coronary artery disease in patients with chest pain and negative or non diagnostic exercise treadmill test results." and "Determinants of total ischemic time in primary percutaneous coronary interventions: A. Retrospective analysis".

3. Vinod Kumar N. Clinical risk scores correlation with angiographic extent of coronary artery disease and their 6 month outcomes in patients with non ST-elevation myocardial infarction.

4. Kiran Kumar K. Correlation of CHA2DS2-Vasc score with carotid intima media thickness and SYNTAX score in patients with coronary artery disease.

5. Dr D. Sreenivasa Reddy, presented a paper titled in APCSI-2017 at Nellore from 7-8 October 2017

ISARCON-2017 at AIIMS, Patna during 2-4 November 2017.

1. Sreedhar Naik K. Genetic polymorphism of LTA, BAT1 and NFKBIL1 genes in patients with myocardial infarction.

2. Sowjenya G. Genetic polymorphism of Cytochrome P450 epoxygenase and their association with atherosclerosis process in CAD patients.

CSI-2017 at Kolkata during 30th November - 3rd December 2017.

1. Narendra Chanda. Real time transthoracic three dimensional echocardiography score (RT-TT3DE SCORE) in predicting the immediate outcomes of percutaneous transvenous mitral commissurotomy.

2. Sreenivasa Reddy D. Usefulness of 128-slice multidetector Computed tomography in diagnosis of coronary artery disease in patients with chest pain and negative or non diagnostic exercise treadmill test results.

3. Vinod Kumar N. "Clinical risk scores correlation with angiographic extent of coronary artery disease and their 6 month outcomes in patients with non ST-elevation myocardial infarction" and "A comparative study of clinical profile and outcomes of patients with ischemic and non-ischemic complete heart block".

4. Kiran kumar K. "Correlation of CHA2DS2-Vasc score with carotid intima media thickness and SYNTAX score in patients with coronary artery disease" and "Cardiac alignments in piligrims admitted in Sri Venkateswara Institute of Medical Sciences, Tirupati".

5. Sreenivasa Reddy D. Determinants of total ischemic time in primary percutaneous coronary interventions: A. Retrospective analysis.

6.6 Publications

1. **Vamsidhar A, Rajasekhar D, Vanajakshamma V, Lakshmi AY, Latheef K, Siva Sankara C, Obul Reddy G.** Comparison of PESI, echocardiogram, CTPA, and NT-proBNP as risk stratification tools in patients with acute pulmonary embolism. Indian Heart J,2017;69:68-74.

2. **Ashalatha VL, Bitla AR, Kumar VS, Rajasekhar D, Suchitra MM, Lakshmi AY, Rao PV.** Biomarker response to contrast administration in diabetic and nondiabetic patients following coronary angiography. Indian J Nephrol. 2017;27:20-27.

3. **Vonteru Lakshmi Asha Latha, Musturu Manohar Suchitra, Aparna Rajeswara Rao Bitla, Pemmaraju Venkata Lakshmi Narasimha Srinivasa Rao, Durgaprasad Rajasekhar.** Oxidant and antioxidant status in patients undergoing percutaneous coronary interventions. Asian Journal of Medical Sciences. 2017:8:29-33.

4. **Obul Reddy Gajjala DM, record Rajasekhar Durgaprasad, Vanajakshamma Velam, Sridhar Babu Kayala, Latheef Kasala.** New integrated approach to percutaneous mitral valvuloplasty combining Wilkins score with commissural calcium score and commissural area ratio. Echocardiography, 2017:34:1284-91.

5. **R. Madhavi, D. Rajasekhar, P. V. G. K. Sarma, V. Vanajakshamma, G. Sowjenya, K. Sreedhar, C. Kapil.** Genetic Polymorphisms of ABCB1 Gene in Patients Having Resistance to Clopidogrel. World Journal of Cardiovascular Diseases 2017; 7:390-8.

6. **Tirumala Naresh A, Rajasekhar D, Vanajakshamma V, Sreedhar Naik K, Abha Chandra and Abhijit Chaudhury.** Clinical Profile and Outcome of Infective Endocarditis in a Tertiary Care Centre: Retrospective Study. J Cardiol & Cardiovasc Ther 5(2): JOCCT.MS.ID.555659 (2017).

7. **Tirumala Naresh Arava, Rajasekhar Durgaprasad, Vanajakshamma Velam, Obul Reddy Gajjala, Vinod K. Neelam, Suchitra N. Manohar,** Spontaneous left atrial echo contrast, mitral annular systolic velocity, and left atrial appendage late emptying velocity in predicting improvement of left atrial function after Percutaneous balloon mitral valvuloplasty. wileyonlinelibrary.com/journal/echo.DOI:10.1111/ echo 13759.

8. **Harsha V Erathi, Rajasekhar Durgaprasad, Vanjakshamma Velam, Sarma PVGK, Madhavi Rodda, Kapil C, Sreedhar N. Kanavath.** Evaluation of On-Clopidogrel platelet reactivity overtime, Syntax Score, genetic polymorphisms and their relationship to one year clinical outcomes in STEMI patients undergoing PCI. Minerva Cardioangiologica. DOI: 10.23736/S0026-4725.17.04438-3.

9. **Tejaswia G, Suchitraa MM, Rajasekhar D, Kiranmayi VS, Srinivasa Rao PVLN.** Myeloperoxidase, protein carbonyls and oxidative stress in coronary artery disease. Journal of Indian College of Cardiology.2017:7: 149-52.

10. **Narendra Chanda, D. Rajasekhar, V. Vanajakshamma, M.V. Kalyan, T. Suresh Babu.** Real time trans thoracic three dimensional echocardiography score (RT-TT3DE SCORE) in predicting the immediate outcomes of percutaneous transvenous mitral commissurotomy . Indian Heart J 2017; 69(2):S5-S6.

11. **D. Sreenivasa Reddy, D. Rajasekhar, V. Vanajakshamma, B. Vijayalakshmi Devi, G. Obul Reddy, K. Sreedhar Naik, S. Praveen Kumar Reddy.**Computed tomographic coronary angiography as a tool in diagnosis of coronary artery disease in patients with negative exercise stress test. Indian Heart J 2017;69(S2):S20.

12. **K. Kiran kumar, D. Rajasekhar, V. Vanajakshamma, D. Kranthi chaithanya, P. Sumanth Reddy.** Correlation of CHA2DS2-Vasc score with carotid intima media thickness and SYNTAX score in patients with coronary artery disease. Indian Heart J 2017;69(S2):S24.

13. **N. Vinod Kumar, D. Rajasekhar, V. Vanajakshamma, G. Obul Reddy, G. Sowjenya, K. Sreedhar Naik, N. Narasimha Reddy.** Clinical risk scores correlation with angiographic extent of coronary artery disease and their 6 month outcomes in patients with non ST-elevation myocardial infarction. Indian Heart J 2017;69(S):S50.

14. **D. Sreenivasa Reddy, D. Rajasekhar, V. Vanajakshamma, R. Madhavi, K. Kiran Kumar, K. Sreedhar Naik, G. Sowjenya.** Determinants of total ischemic time in primary percutaneous coronary interventions: A. Retrospective analysis. Indian Heart J 2017;69(S):S51.

15. **N. Vinod Kumar, D. Rajasekhar, V. Vanajakshamma, R. Madhavi, G. Sowjenya, K. Sreedhar Naik, N. Narasimha Reddy .** A comparative study of clinical profile and outcomes of patients with ischemic and non-ischemic complete heart block. Indian Heart J 2017;69(S):S72.

16. **J.P.S. Sawhney, V.A.Kothiwale, V.Bishne, R. Durgaprasad, P. Jadhav, M. Chopda, S. Abraham, R.D.Meena, G.Vijavaraghan, K. Chawla.** Garfield AF registry-Sub analysis of Indian data. Indian Heart J 2017;69(S):S90-S92.

17. **K. Kiran kumar, D. Rajasekhar, V. Vanajakshamma, D. Kranthi chaithanya, P. Sumanth Reddy.** Cardiac alignments in piligrims admitted in Sri Venkateswara Institute of Medical Sciences, Tirupati, India. Indian Heart J 2017;69(S)::S92.

18. **Rajasekhar Durgaprasad, Vanajakshamma Velam, Latheef Kasala, Obul Reddy Gajjala, Sreedhar Naik Kanavath.** Comparison of 1-year Outcomes of Biodegradable Polymer (Everoflex) Versus Permanent Polymer (Xience Pro) Coated Everolimus-eluting Coronary Stent Systems in All-comers Patient Population at a Tertiary Care Hospital. TCTAP A-147. Journal of the American College of Cardiology .2017:69(16)S:S81.

19. **Vanajakshamma V, Vyshnavi K, Latheef K, Ramesh R, Damodara Rao K.** Right ventricular infarction in inferior wall myocardial infarction. Indian Journal of Cardiovascular Disease in Women. 2017; 2:29-34.

Accepted for publication:

1. **Kapil C.** Role of CIMT, eGFR and serum HbA1C in predicting CAD in non-diabetic patients undergoing elective coronary angiography. (www.scirp.org/journal/wjcd).

2. **VanajakshammaVelam, Vijaya Chandra Reddy Konda.** Authored a chapter titled "Antibiotic resistance" in the book "Consumer rights-from cheating to ethical markets" edited by Prof. A.Rangareddy and Prof.T. Lakshmamma.

Papers under Review:

1. **Sudhakar Reddy P, Rajasekhar D, Vanajakshamma V, Lakshmi A.Y. Kalyan M V, Sreenivasa Reddy D.** Correlation of coronary artery calcium score and carotid artery intima-media thickness with severity of coronary artery disease. [JSHA, Journal of Saudi Heart association MS Ref. No.: (JSHA-D-17-00089)

2. **Kalyan MV, Rajasekhar D, Vanajakshamma V, Alok Sachan, Vamsidhar A, Latheef K, Sudhakar Reddy P.** Indian Heart Journal. [IHJ-D-16-00224]

3. **Kranthi Chaitanya D, Rajasekhar D, Vanajakshamma V, Vasudeva Chetty P, Kapil Ch, Harsha EV.** Correlation of epicardial adipose tissue thickness with severity of coronary atherosclerosis by SYNTAX score, carotid intima-media thickness and metabolic syndrome. Journal of the Saudi Heart Association.

4. **Madhavi R, Rajasekhar D, Vanajakshamma V, P.V.G.K. Sarma, G. Soujenya, K. Sreedhar Naik,** Genetic polymorphisms of ABCB1 gene in patients found to have resistance to clopidogrel.

5. **Latheef K, Rajasekhar D, Vanajakshamma V, Aparna Bitla, Abhijit Chowdary, P.V.G.K. Sarma,** Association of MTHFR, IL-6 and ICAM-1 gene Polymorphisms with coronary artery disease in South-Indian ethnic subset: A case control study. With the European Journal of Human Genetics.

6. **D. Rajasekhar, Vanajakshamma V, Latheef K,** "Novel single nucleotide polymorphism in Exon-10 of Human coagulation factor V gene in patients with pulmonary thromboembolism". With the Indian Heart Journal.

6.7 CMEs/Workshops conducted

A CME was organised on "Cardiac Transplantation" at SVIMS on 4th February 2017

Work Shops:

1. EP+RFA was conducted with Dr Yogesh Kothari, from Apollo Hospitals, Bangalore on 18th February, 25th March, 3rd June, 23rd September, 18th November 2017.

2. ASD, VSD and PDA Device closures was conducted with Dr Edwin Francis, Amrutha Institute of medical sciences, Kochi, Kerala during 7-8 April, 11-12 July, 8-9 December, 2017 .

3. On the occasion of World Heart Day a public awareness program on various Heart diseases on 29th September 2017.

6.8 Other academic activities:

Dr D. Rajasekhar, officiated / organized / served:

1. A Scientific stall on behalf of SVIMS at the Indian Science Congress meeting at Tirupati during 3-7 January 2017.
2. One of Course Directors for the 'STEMI India" national annual conference at Vijayawada during 1-2 July 2017.
3. The Chairman Scientific Committee for the 3rd Annual Conference of AP chapter of Cardiological Society of India at Nellore during 7-8 October 2017.
4. Associate Faculty for the Transcatheter Cardiovascular Therapeutics Conference - 2017 at Denver Colorado USA during 28th October to 2nd November 2017.
5. Member of the Governing Council of Indian College of Cardiology National body for 2017-18.
6. Reviewer for several journals including Indian Heart Journal, Echocardiography Journal and Journal of Indian College of Cardiology.
7. Inspector for Jeevandan Trust of Andhra Pradesh for starting cardiac transplant programme in several hospitals in Andhra Pradesh.
8. Inspector for Medical Council of India for starting and recognition of DM Cardiology courses at several institutions.
9. External Examiner for DM Cardiology at several Universities during the year.
10. Co-chairman of Research advisory committee of SVMC.
11. Abstract reviewer by the European society of Cardiology for the grading the abstracts submitted for the next ESC annual scientific sessions to be at Munich in August 2018.
12. Wrote an article "Feelings after a heart attack: the good, the sad and the anxious " in the December issue of "India today" magazine supplement on Expert's perspective on your heart health.

Dr V. Vanajakshamma, attended the following:

1. Inspector for Medical Council of India for recognition of DM Cardiology post graduation courses.
2. External Examiner for DM Cardiology at several Universities during the year.
3. Inspector for Jeevandan Trust of Andhra Pradesh for starting cardiac transplant programme in Andhra Pradesh.
4. Astavadhanam on Diabetes by Sri Medasani Mohan as "Nyasthakshari"one among the eight faculty at SVIMS Tirupati on 1st March 2017.
5. Gita Jayanthi and delivered a talk on "Dietary aspects from Bhagavad-Gita" at Malayala swami ashram, Tirupati on 29th November 2017.
6. Guest faculty in Medical students orientation programme at Meenakshi Medical College, Kancheepuram on 13th September 2017.
7. Guest faculty in Medical students orientation programme at Apollo Medical College, Chittoor on 13th October 2017.
8. Coordinated essay writing & meditation events on UNO International peace day at 27 schools, colleges and universities at Tirupati.
9. With the concept of Health and Peace – Organised outreach activities at 70 places educating various vulnerable groups on Healthy life style and Meditation.

Attended as a Chief guest for the following:

10. International Women's day at SV University and Sri Vidyaniketan Educational Institution on 8th March 2017.
11. SGS High school, TTD on the eve of School day celebrations on 22nd April 2017.
12. Guest of honour at Patanjali divine yoga centre, Tirupati on the eve of Annual day celebrations on 3rd September 2017.

13. Sri Padmavathi Mahila University on the eve of Talent day celebrations on 8th September 2017.

14. Sri Padmavathi Mahila University on the eve of Student union inauguration on 18th September 2017.

15. SPW Degree and PG College on the eve of Student union inauguration on 23rd September 2017.

16. Juvenile observation home, on the occasion of Children day week celebrations at Tirupati on 18th November 2017

Department of Cardiology started a Hub and Spoke model for STEMI intervention with SVIMS as Hub and 5 Spoke hospitals which are limted to SVIMS by Tele ECG link using Maestros eUno ECG recorders

Comparison of 2017 patient statistics with 2016 statistics:

Particulars	Total number		% change
	2016	2017	
Out Patients	61033	61666	1.04
In Patients	4562	4941	8.31
ECG	59289	70093	18.2
Echo	21843	26271	20.3
TMT	1606	1839	14.4
Holter	429	726	69.2
TEE	321	335	4.36
CAG	2630	3030	15.2
Total PTCA	1371	1508	9.99
Primary PTCA	325	402	23.7
Valvuloplasty	92	83	9.78
Device closures	62	110	77.4
EP+RF Ablations	45	51	13.3
PPI	85	74	12.9
TPI	208	230	10.6
ICD	-	1	0
CRT	-	8	0
Ambulatory B.P. monit oring	142	93	34.5
Total Interventions	1660	1830	10.2
Interventional mortality	21 (1.26%)	22 (1.20%)	-

7.0 DEPARTMENT OF CARDIOTHORACIC SURGERY

Professor & Head
Dr Abha Chandra

Faculty

Dr K. Sudhakara Rao
Dr H.C. Chandramouli
Dr Vinod Bhan
Dr G. Murali Hareesh
Dr Durga Prasad

MCh PG Senior Residents

Dr Hari Krishna Murthy
Dr Harivadan Lukka
Dr Naga Durga Prasad
Dr Kalyani Rama Dasari

Senior Residents

Dr A B Naveen Kumar
Dr D. Kalyani

7.1 Awards

1. Dr Abha Chandra, Professor & Head was awarded the **Dr A.K.Basu Visiting Professor 2016** awarded by the Indian Association of Cardiovascular and Thoracic Surgeons, India at the IACTSCON 2017, Bengaluru in February 2017.

2. Dr G Murali Hareesh, Associate Professor was awarded the **GKNM – Ethicon Fellowship** in the Cardiothoracic surgery for the year 2017 at Coimbatore.

7.2 Research Work

Thesis submitted

1. Kalyani Rama D. To study the outcome of double versus single valve replacement for Rheumatic heart disease (MCh) Tirupati, Sri venkateswara Institute of Medical Sciences - 2017

Thesis work carried out in collaboration with other departments

1. Dr Abha Chandra Co-guide for the thesis of Dr Senthil Kumar. A study of early mobilization of the patients undergoing coronary artery bypass grafting (PhD). Tirupati, Sri Venkateswara Institute of Medical Sciences-2017.

7.3 Conferences and workshops attended, Lectures delivered

Prof. Abha Chandra, attended the following:

International

1. 31st European Association of Cardiothoracic Surgeon (EACTS) Annual Meeting at Vienna, Austria during 7-11 October -2017.

National:

1. 104th Indian Science Congress at SV University, Tirupati during 3-7 January 2017.

2. Chaired in the thoracic session of the 63rd Annual meeting of Indian Association of Cardiovascular Thoracic Surgeons IACTSCON 2017 and delivered a lecture on Symposium - Esophagus - Mediastinitis - How aggressive one should be? at Bengaluru during 23-26 February 2017.

3. VAICON 2017 10th Annual Conference of Venous Association of India and delivered lecture on Differential Diagnosis of Swollen Limb at Varanasi during 2-4 March 2017 and chaired the following sessions

   a. Vascular Malformations

   b. Free Papers

4. Ethicon Science & Innovation Symposium at Delhi during15-16 July 2017.

5. 15th Annual Conference of Association of Thoracic & Vascular Surgeons of India and chaired a session and delivered an invited lecture on "Solitary Pulmonary nodule" at Hyderabad on 30th July 2017.

6. 2nd Annual Conference of Society of minimally invasive Cardiovascular and Thoracic Surgeons of India and Chaired a session at Jaipur during 9-10 September 2017.

7. Chaired the lecture on Perspectives in Organ Transplantation in India for BLISS Cardiac and Critical Care Group and was also the Chief Guest for the function at Tirupati on 24th September 2017.

8. 8th Annual Conference 2017 conducted by the Department of ECMO/Pediatrics/Critical Care, Krishna Institute of Medical Sciences at Secunderabad during 28-29 October 2017.

9. IACTS National Thoracic CME 2017 and delivered an invited lecture on "Chest Injuries" at Madras Medical College, Chennai during 4-5 November 2017.

10. Chaired a session on minimally invasive coronary surgery in 3rd Amrita Heart Conclave 2017- MICS CABG' at Amrita Institute of Medical Sciences, Kochi during 18-19 November 2017.

11. Invited to deliver a lecture on "Hemostats and sealants in surgery" at the 77th Annual Conference of the Association of Surgeons of India at Jaipur during 27-30 December 2017.

Dr Vinod Bhan attended the following:

1. 7th International Aortic Summit conducted by SRM Institute of Medical Science at Chennai during 6-7 January 2017.

2. 63rd Annual meeting of Indian Association of Cardiovascular Thoracic Surgeons IACTSCON 2017 at Bengaluru during 23-26 February 2017.

3. 18th Annual Live Workshop on Redefining Skills conducted by GKNM Hospital at Coimbatore during 30th September - 1st October 2017.

4. 11th Biennial Conference of Nuclear Cardiological Society of India and presented paper on Myocardial Viability- What you expect from Imaging at Tirupati during 7-8 October 2017.

5. 8th Annual Conference 2017 conducted by ECMO Society of India at Hyderabad during 28-29 October 2017.

Dr G. Murali Hareesh attended the following:

1. IACTS Conference – 2017 63rd Annual meeting at Bengaluru during 23-26 February 2017.

2. IACTS CON -2017 at Bengaluru during 23-26 February 2017 and presented the following posters:

- Management of Intra abdominal compartment syndrome secondary to anti coagulation induced retroperitoneal haemorrhage following Aorto-bifemoral bypass grafting.

- Asymptomatic large free floating Lt. Atrial ball thrombus secondary to severe Mitral stenosis – A Case Report.

Dr D.Kalyanirama attended the 63nd Annual Meeting of Indian Association of Cardiovascular and Thoracic Surgeon IACTSCON 2017 and presented "To study the outcome of double versus single valve replacement for rheumatic heart disease" at Bengaluru during 23-26 February 2017.

7.4 Publications

1. Tirumala Naresh A, Rajasekhar D, Vanajakshamma V, Sreedhar Naik K, Abha Chandra, Abhijit Chaudhury. Clinical Profile and Outcome of Infective Endocarditis in a Tertiary Care Centre: Retrospective Study. J Cardiol & Cardiovasc Ther 2017;5(2):1-5.

7.5 CMEs / Workshops attended

1. Dr Abha Chandra 18th Annual LIVE Workshop on "Redefinning Skills" at GKNM hospital, Coimbatore during 30th September - 1st October 2017.

2. Dr Vinod Bhan attended workshop on "Small Aortic Root Surgery" conducted by Ethicon Institute of Surgical Education at Chennai on 7th January 2017.

3. Dr Vinod Bhan, attended Vascular CME conducted by Venkateswara Vascular Foundation and presented paper on Recent Advances in Deep Venous Thrombosis at Vishakhapatnam on 6th August 2017.

Dr Murali Hareesh, attended the following:

1. Vascular CME conducted by Venkateswara Vascular Foundation and presented paper on " Peripheral Vascular Injuries " at Vishakhapatnam on 6th August 2017.
2. VATS Workshop at Chennai on 20th May 2017 .
3. 18th Annual Live Workshop - Redefining skills from 30-9-17 to 1-10-17 at GKNM Hospital, Coimbatore.

7.6 Other academic activities

Dr Abha Chandra attended the following:

1. Vice President of the ATCVS section of the Association of Surgeons of India.
2. National Faculty of the Vascular Society of India
3. National Faculty for the Indian Association of Cardiovascular and Thoracic surgeons
4. Reviewer for Indian Journal of Surgery
5. Reviewer for the Indian Journal of Cardiovascular and Thoracic surgery
6. Reviewer for Asian Annals of Cardiothoracic Surgery
7. Reviewer for the Journal of Vascular Surgery
8. M. Ch (CVTS) and DNB (CVTS) Examiner at various Indian Universities.

Mr. Madhusudan Naidu attended the following:

1. Annual meeting of Indian Society of Extra Corporeal Technology 2017 (ISECT) at Bengaluru during 24-26 February 2017 and Chaired the scientific sessions
2. 8th Annual Conference 2017 by the Department of ECMO/Pediatrics/Critical Care, at Krishna Institute of Medical Sciences, Secunderabad during 28-29 October 2017.

8.0 DEPARTMENT OF COMMUNITY MEDICINE

Professor & Head
Dr K. Nagaraj

Faculty

Dr Anju Damu Ade
Dr D.S. Sujith Kumar
Dr R.Altaf Hussain
Dr Ravi Sankar Deekala
Dr Y. Bhavani
Dr S.Shalini
Dr B.Arun Kumar
Dr G. Viswasera Rao
Dr V. Chandrasekhar

Bio-Statistician
Dr K.V.S Sarma

Tutors
Dr N. Sulochana
Dr G.V.Sai Vara Prasad
Dr P.Siva Sankar
Dr K.Munaswamy

8.1. Awards, achievements and felicitations

1. Department of Community Medicine received Certificate of achievement as the "Best observation of World AIDS Day 2016" for observing the World AIDS Day 2016 and creating mass awareness towards AIDS Prevention under the aegis of Indian Association of Preventive and Social Medicine.
2. Awarded ICMR short term studentship (STS) 2017 to K.Meghana Reddy, 4th semester, MBBS student under the guidance of Dr D.Ravi Sankar. Topic- Assessment of Nutritional Status in Adolescent Girls residing in Social Welfare Hostels in Tirupati Town- A cross Sectional Study.

8.2 Research projects

Research projects completed in 2017

1. **Principal investigator:** Dr Anju D Ade **Title:** Infant feeding practices among rural mothers of Tirupati **(Self funding).**
2. **Principal investigator:** Dr D.Ravi Sankar **Title:** Assessment of health promoting life styles among the under graduate students of Sri Venkateswara Institute of Medical Sciences (SVIMS) university, Tirupati, Andhra Pradesh **(Self funding)**
3. **Co-investigator:** Dr D.Ravi Sankar **Title**: Assessment of Nutritional status of Adolescent girls residing in social welfare hostels, Tirupati town- A cross sectional study. ICMR (STS- 2017). **Funding agency:** ICMR.

Ongoing Research projects

1. **Principal investigator:** Dr Y.Bhavani **Title:** Cross-sectional study on awareness of ASHA workers about various health services **(Self funding).**
2. **Principal investigator:** Dr Y.Bhavani, Dr Anju D Ade, **Title:** Awareness of swine flu among Rural population. **(Self funding)**
3. **Principal investigator:** Dr Anju D Ade, Dr Y.Bhavani **Title:** Neonatal care practices among Tribal population **(Self funding)**
4. **Principal investigator:** Dr Anju D Ade **Title:** School environment and sanitation **(Self funding)**

8.3 Conferences attended, lectures delivered

1. Dr Anju D Ade, Dr D.S.Sujith Kumar and Dr Y.Bhavani participated in the 104th Indian Science Congress at S.V.University, Tirupati during 3-7 January 2017.
2. Dr D.S.Sujith Kumar attended IPTCON-2017 and delivered lecture on "Current Challenges in Drug Discovery and Development" at Sri Padmavati Mahila Visvavidyalayam, Tirupati during 6-7 February 2017.
3. Dr Ravi Sankar. Deekala, presented a Research Topic on Assessment of Health Promoting Lifestyles among the undergraduate students of SVIMS University, Tirupati, on 6th May 2017.

8.4 Publications

1. Ravi Sankar Deekala, Ravi Prabhu G. Altaf Hussain R, Saritha Kadari. Socio-demographic distribution of hypertension and its risk factors among urban slum adults of Tirupati: a cross sectional study. Int J Community Med Public Health 2017;4(7):2297-2302
2. Kumar D S Sujith, Keerthinmayee K. A Study on the Effects of Anaemia on Pregnancy Outcome in an Urban Health Centre Practice Area of Tirupati. Indian Journal of Public Health Research & Development 2017;8(1):215-20.
3. Kadiyala S, Gavini S, Kumar DS, Kiranmayi V, Rao PS. Applying Bloom's taxonomy in framing MCQs: An innovative method for formative assessment in medical students. J NTR Univ Health Sci2017;6:86-91.
4. Prasad K Jyothi, Khalid M Abdul, Narayana B Lakshmi, Prakash G Bhanu, Kumar D S Sujith, Reddy K Bhaskar. Forensic Odontology – Awareness among Dental practitioners in and around Tirupati – A Knowlege, Awareness and Practice study. Indian Journal of Forensic Medicine & Toxicology 2017;11(1):73-6.
5. Prasad K Jyothi, Prakash G Bhanu, Reddy K Bhaskar, Subash K R, Kumar D S Sujith. Ligature Marks in Hanging – Gross and Histopathological Examination with Evaluation and Review. Indian Journal of Forensic Medicine & Toxicology 2017;11(1):22-6.

8.5 Seminars conducted

Breast feeding, Protein energy malnutrition, HIV/AIDS, Tuberculosis, cancer, Rabies, Global warming, Disaster management Life style disorders, National Tobacco Control Programme by 4th & 6th sem. MBBS students in the year 2017.

8.6 CMEs/Workshops attended

Dr D.S.Sujith Kumar has participated in the

1. "8th New Revised Basic Course Workshop and Sensitization Program for MEU coordinators/co-coordinators/resource faculty/ Curriculum committee members at MCI nodal centre, CMC, Vellore during 25-28 July 2017.
2. 5th Advanced course in Medical Education conducted by MCI, Nodal centre for National faculty Development, CMC, Vellore during 5-9 September 2017.

Dr Anju D Ade, Dr D.S.Sujith Kumar, Dr Ravi Sankar Deekala, Dr Y.Bhavani, Dr N.Sulochana, Dr G.V.Sai Vara Prasad attended the CME On Virus Diagnostic Methods organized at SVIMS on 09-11-2017.

8.7 Other academic activities

1. Observed the World Health Day, World Breast feeding week, World Diabetes Day, World AIDS Day by the Department.
2. Participation of faculty in Integrated teaching.
3. Participation in Academic activities.
4. Attending monthly Rural Medical Health camps.

9.0 DEPARTMENT OF DENTAL SURGERY

Assoc. Professor & Head
Dr D.S.Madhu Babu

Assistant Professor
Dr P.Vani Priya

Junior Resident
Dr M. Ramprasad

9.1 Conferences attended

1. Dr D.S.Madhu Babu, delivered a lecture on "Current Trends in Bone Grafts" for Dr NTR University of Health Sciences zonal CDE programme at Krishna Teja Institute of Dental Sciences, Tirupati on 24th Febrauary 2017

9.2 Publications

Publications in indexed journals

1. Dandu Subramanyam Madhu Babu, Amrutha, Kotu Amrutha, Deepa Anumala, Nagireddy Ravindra Reddy. Estimation of – CCL2 /MCP-1 levels in serum and gingival crevicular fluid in periodontal health, disease and after treatment"- a clinico biochemical study. J Orofac Sci 2017 (accepted for December 2017 issue).

2. Vyasam Veerabhadra Rao, Harsha B GunaShekhar M, Dandu Subramanyam MadhuBabu, Gannamaneni Srinivas. Prevalence and Measurement of Anterior Nerve Loop of the Inferior Alveolar Nerve Using CBCT. J Res Adv Dent 2016;5:3:196-199

9.3 CDE programmes attended by the department

Dr D.S.Madhu Babu, Dr P.Vani Priya and Dr M.Ram Prasad attended:

1. Digital smile designing and tooth sensitivity conducted by Indian Dental Association, Chittoor Branch in Tirupati on 23rd April 2017.

2. In office bleaching –theory and methodology –live demo with CDE conducted by Indian Dental Association, Chittoor Branch in Tirupati on 16th July 2017.

3. Current trends in composite dentistry- hands on with CDE conducted by Indian Dental Association, Chittoor Branch in Tirupati on 21st August 2017.

10.0 DEPARTMENT OF DERMATOLOGY

Professor & Head
Dr T. Ram Sharan

Assistant Professor
Dr A. Surekha

Senior Resident
Dr J. Indirakshi

Junior Resident
Dr M.Malathi Madhuri

10.1 Ongoing Research work

1. **Dr A.Surekha** was Co-guide for thesis work of (Pharm–D students of SVCP) on "A comparative study on efficacy and safety Of 5% Benzoyl Peroxide, 0.1% Adapalene And 5 % Dapsone oint in the treatment of Acne Vulgaris".

2. **Dr A.Surekha** was Co-guide for Thesis work of Pharm-D students of SHCP on "Prescription Patterns of Antifungals in Dermatology OPD in Tertiary Care Hospital – A retrospective study"

10.2 Other academic activities

Dr T. Ram Sharan, attended the following:

1. Radiology Chair gold medal oration conducted in SVIMS, Tirupati on 14th October 2017.

2. 2nd Annual Srinivasa Neurosurgery Endowment oration on the topic "Management of high grade gliomas with GLA molecule" by Dr D.Rajareddy, Neurosurgeon, Apollo Hospitals, Hyderabad.

Dr A.Surekha guided Case presentations by Miss.Mamatha, M.B.B.S student (2k14 Batch) at OSMECON 2017, Osmania Medical College, Hyderabad on 10th August 2017.

1. A Rapidly progressing foot ulcer

2. Hansen's a case of clinicohistopathological discrepancy

10.3 CMEs/Seminars/Workshops attend

Dr A.Surekha, Dr P.Malathi Madhuri and Dr J.Indirakshi, attended pre conference CME IA DVL, AP chapter at Tirupati on 19th March 2017.

Dr J.Indirakshi, attended the following:

1. Dermatopathology CME at CMC Vellore on 21st October 2017.

2. 1 month Dermatopathology observership at CMC, Vellore during 1-30 July 2017

3. Observership in clinical procedures in Dermatology to Anchela's skin institute, Hyderabad during 1-29 May 2017.

11.0 DEPARTMENT OF EMERGENCY MEDICINE

Professor & Head
Dr K. Sudhakar Rao

Faculty

Dr M. Madhusudhan	Dr P. Siva Shankar	Dr J. E. Paul
Dr Y. Vishnu Prasad	Dr K. Munaswamy	Dr K. Jagadeesh
Dr B.Siva Rama Krishna	Dr M. Bharathi	Dr J.Suneetha Nirmala Kumari
Dr Venkatesh Satri		

PG (MD) Junior Residents

Dr Ratna Kumar Natta	Dr Jannu Sowjanya	Dr K.Navakiran Reddy
Dr M.R. Kiran Kumar	Dr P. Subramanyam	Dr Vinayak Yerra

Junior Residents

Dr B.Gopika
Dr G. Anitha

11.1 Research work

Thesis submitted

1. Ratna Kumar. Clinical profile and outcome in patients presenting with acute abdomen to emergency department of SVIMS, tertiary referral hospital in AP. (MD) Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.
2. Kiran Kumar. Demographic profile clinical features, imaging and outcome in patients presenting with traumatic brain injury to emergency department of SVIMS. (MD) Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

Ongoing Thesis Work

1. Subramanyam P. Clinical profile and outcomes in patients with Acute intra cereberal hemorrhage presenting to Emergency Department in SVIMS: A prospective study (MD).
2. Sowjanya. Clinical features precipitating factors biochemical profile and outcome in relation to Inhospital care of Diabetic ketoacidosis: A prospective study (MD).

11.2 Presentation by postgraduate students

Postgraduate students pursuing MD (Emergency Medicine) presented the following posters at:

BAPU 2017 at SVIMS during 17-18 September 2017

1. **Venkatesh S.** Non Invasive Heart Function Test – 3D CCG Three Dimensional Cardiovascular Cargraphy.
2. **Ratna Kumar N.** Spontaneous Pneumo-mediastinum and subcutaneous emphysema – An unusual presentation of H1 N1 in adult.

TOXOCON at Kodaikanal during 15-16 July 2017

1. **Ratna Kumar.** Clinical profile and outcome in patients presenting with acute abdomen to emergency department of SVIMS, tertiary referral hospital in AP 2017.
2. **Kiran Kumar.** Demographic profile clinical features, imaging and outcome in patients presenting with traumatic brain injury to emergency department of SVIMS. 2017.

Kiran Kumar MR. Severe hypokalemia mimicking as myocardial infarction at EMINDIA, New Delhi during 15-16 July 2017.

Sowjanya J. Camphor Poisoning – A case report on 12th August 2017.

11.3 CME conducted

1. National Level CME programme jointly organized by the dept. of Anaesthesia & Emergency Medicine at 11th Balaji Anaesthesia Postgraduate Upadate (BAPU - 2017) during 17-18 September 2017.

11.4 Other academic activities

Acute Care Unit (ICU) was attached to Emergency Medicine department for giving optimum care to acutely ill patients.

12.0 DEPARTMENT OF ENDOCRINOLOGY

Professor & Head
Dr Alok Sachan

Faculty

Dr V. Suresh
Dr Nishitha.D
Dr Praveen Kumar.G
Dr Bharat.B

DM PG Senior Residents

Dr Sai Krishna Chaitanya.P
Dr K. Raghavendra
Dr B. Sree Divya
Dr G.Sandeep
Dr D. Mani Deepthi
Dr Avinash Patil

12.1. Awards

1. **Dr Alok Sachan,** Professor and Head was awarded with **"Andhra Pradesh State Best Teacher Award"** at University Level from Govt. of AP during Teachers day celebration at Vijayawada on 5th September 2017.

2. **Dr Praveen Kumar G,** Assistant Professor was awarded **"Dr G.Subramanyam & Dr Smt.Sunitha Subramanyam medal"** for the year 2017 at the 8th Convocation on 2nd December 2017 for securing First Rank in DM. Degree Examination among the students of all D.M. Courses.

3. **Sai Krishna Chaitanya,** DM Senior Resident won the **First Prize** and was awarded **"Best Paper Award"** for presenting a paper on "A rare case of 46XY DSD with cardiac conduction defect." in Assam Endocrine Society Conference (AESCON) 2017, Guwahati during 9-10 September 2017.

4. **B.Sree Divya,** DM Senior Resident won the **First Prize** and was awarded gold medal in **"Dr Subhasini and Dr Kamalakar Reddy Endowment Quiz"** at host institute, Tirupati on 28th February 2017

12.2. Research projects

Ongoing research projects

1. **Principal Investigator:** B.Sree Divya, **Title:** Disturbed Eating Behaviours In Patients With Type 1 Diabetes Mellitus. **Funding Agency:** SBAVP

12.3. Research work

Thesis submitted

1. **Praveen Kumar G.** Vascular and neurological impairment in patients with Type 2 Diabetes mellitus and foot ulcer (DM Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

2. **Bharath.B.** Effect of adequate thyroid hormone replacement on the hypothalamo-pituitary-gonadal axis in premenopausal women with Primary hypothyroidism (DM Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

Ongoing Thesis work

1. **Sai Krishna Chaitanya.P.** Pulmonary function in hypothyroidism before and after restoration of Euthyroidism (DM Thesis).

2. **Sree Divya B.** Gastric autoimmunity in patients with Type 1 diabetes mellitus (DM Thesis).

3. **Raghavendra K.** Prevalence of Autonomic neuropathy in patients with type 2 Diabetes mellitus with special reference to Cardiac Autonomic neuropathy (DM Thesis).

4. **Mani Deepthi D.** Effects of adequate treatment of Hyperthyroidism on glycated hemoglobin levels in non diabetic subjects with Hyperthyroidism (DM Thesis).

Thesis work done in collaboration with other departments as Co-guide

1. Dr Alok Sachan is a co-guide for thesis of Sreelatha. A study on quality of life,anxiety and depression

among Type 2 Diabetes mellitus (PhD Thesis).

2. Dr Praveen Kumar G is a co-guide for thesis of Pharm D students. Factors affecting levothyroxine replacement doses in patients with Primary hypothyroidism.

3. Dr Nishitha D is a co-guide for thesis of Pharm D students Combined prospective and retrospective study on presentation and outcomes of urinary tract infection in type 2 Diabetes mellitus patients.

4. Dr Bharat.B is a co-guide for thesis of Pharm D students A retrospective study on adverse events of thionamide drug therapy in Graves disease and Multinodular goiter.

12.4. Conferences attended and lectures delivered

Dr Alok Sachan, attended the following:

1. The Endocrine Society's 99th Annual Meeting and Expo (Endo 2017), Orlando, USA during 1-4 April, 2017 and presented a poster on "LADA, Prevalence and Phenotype in South Indian population." on 3rd April 2017.

2. Annual Meeting of the AP State Chapter of the RSSDI (AP RSSDI CON 2017) and delivered a lecture on "Newer oral antidiabetics- when and what to choose" and also participated in a case based panel discussion on "Management of diabetic patient in critical situations" as a panelist at Visakhapatnam on 2nd July 2017.

3. Annual Conference of the RSSDI 2017 and chaired a session "Symposium on Precision Medicine" at Bhubaneshwar during 3-5 November 2017.

4. Delivered a talk on "Cost effective diagnostic protocol for diagnosis of Diabetic Foot" and participated in a panel discussion on "CGMS (Continuous Glucose Monitoring System)" as a panelist at 4th Endocrine Tumor Summit, SGPGIMS, Lucknow during 8-10 December 2017.

5. Delivered a lecture on "Endocrine disorders and Autoimmune diseases associated with Type 1 Diabetes mellitus" at DIABETOCON 2017, Vijayawada;YDRF-Pediatric Diabetes on 17th Decemeber 2017.

Dr V. Suresh, attended the following:

1. Metabolism and Molecular Research Society, National Symposium on Genomics of Hormone and Metabolic Disorders and deliverd a lecture on "Clinical Evaluation of Thyroid Nodule: focus on ATA 2015 recommendations on molecular tests" at Jaipur during 3-5 February 2017.

2. Assam Endocrine Society Conference (AESCON) 2017 and delivered two lectures on "PCOS: What is new?" and "Glycated Hemoglobin in the diagnosis of diabetes: advantages and Pitfalls" at Guwahati during 9-10 September 2017.

3. ENDO 2017 Update and presented a poster on "Effect of adequate thyroid hormone replacement on HPG axis in hypothyroid women" at PGIMER, Chandigarh on 25th November 2017.

12.5. Presentations by postgraduate students

Postgradaute students pursuing DM (Endocrinology) presented the following papers / posters: at Endo 2017 at Orlando, Florida, USA during 1-4 March 2017

1. Sai Krishna Chaitanya P. Cortical venous thrombosis- Endocrine connection.

ESICON 2017 at Trivendrum during 13-15 October 2017

1. Sai Krishna Chaitanya P. Effect of Alendronate on post menopausal osteoporosis.

2. Sree Divya B. Type 1 Diabetes mellitus and disturbed eating behaviours.

ESCON 2017 at Guwahati during 9-10 September 2017

1. Sai Krishna Chaitanya P. A rare case of 46XY DSD with cardiac conduction defect.

2. Raghavendra K. A rare presentation of Adrenocortical Carcinoma.

APICON at Vishakapatnam during 9-10 September 2017

1. Sree Divya B. Pheochromocytoma – An experience from a tertiary care centre.

ISPAE-PET 2017 at Pollachi during 21-24 November 2017

1. Sree Divya B. Oral presentation on a case "Short stature with Multiple pituitary hormone deficiency.

12.6. Publications

1. Patlolla S, Vaikkakara S, Sachan A, Venkatanarasu A, Bachimanchi B, Bitla A, Settipalli S, Pathiputturu S, Sugali RN, Chiri S. Heterogenous origins of hyperandrogenism in the polycystic ovary syndrome in relation to body mass index and insulin resistance. Gynecol Endocrinol 2017;25:1-5.

2. Vaikkakara S, Raj MN, Sachan A, Mohan A, Vengamma B, Rao PVLNS, Mukka A, Sravani C, Reddy AP Impact of Severity of Illness on the Function of the Hypothalamo-pituitary-gonadal Axis in Postmenopausal Women with Acute Severe Illness: Implications for Predicting Disease Outcome.Indian J Endocrinol Metab 2017;21:738-44.

3. Krishna Mohan VS, Narayan ML, Mukka A, Bachimanchi B, Chowhan AK, Devi BV, Vaikkakara S, Sachan A.Atypical Parathyroid Adenoma with Multiple Brown Tumors as Initial Presentation: A Rare Entity. Indian J Nucl Med 2017;32:133-6.

4. Agarwal P, Kadiyala S, Suresh V, Chowhan A, Lakshmi AY, Vijayalakshmi B. Application of Society of Radiologists in ultrasound recommendations for fine needle aspiration of thyroid nodules. J Clin Sci Res 2017; 6:10-7

5. Ashok V, Suresh V, Sachan A, Vengamma B, Bitla AR, Shalini P, PraveenKumar G, BharathB, Sugali RN, Kumar EGTV. Iatrogenic hypercalcaemia in an elderly lady J Clin Sci Res 2017;6:121-4.

12.7. CMEs/Orations conducted

1. CME on "Glucocorticoids in clinical practice: A critical appraisal" was conducted at host institute jointly organized by Department of Endocrinology, Biochemistry and Pharmacology on 4th March 2017.

2. Dr Subhashini and Dr Kamalakar Reddy Endowment Oration (Endocrinology oration) and presented to Orator G.R. Sridhar, Director, Endocrine and Diabetes Centre, Visakhapatnam and Adjunct Professor, Bioinformatics, Andhra University College of Engineering, Visakhapatnam. He delivered a lecture on "Role of Information Technology" on 28th February 2017.

12.8. Other academic activities

Dr Alok Sachan conducted the following public events:

1. Delivered a talk on "Control of Diabetes Mellitus" on the Occasion of 101 Diabetes clinic (Sunday) at SVIMS, Tirupati on 12th November 2017.

2. Participated in a public discussion on "Diabetes Mellitus" at Sri Padmavathi Women's University, Tirupati on the Occassion of the World Diabetes Day on 14th November 2017.

Dr V.Suresh participated in the following events:

1. Delivered a talk on "Recognition and management of Hypoglycemia" on the Occasion of 101 Diabetes clinic (Sunday) at SVIMS, Tirupati on 12th November 2017.

2. Participated in a public discussion on "Diabetes Mellitus" at Sri Padmavathi Women's University, Tirupati on the Occassion of the World Diabetes Day on 14th November 2017.

Examiner for following institutes

1. DNB Endocrinology (practical) at Christian Medical College Vellore during 28-29April 2017.

2. DM Endocrinology (practical) at Medical College, Kolkata on 20th June 2017

3. DM Endocrinology (practical) at Amrita Institute of Medical Sciences, Kochi on 9th August 2017.

4. DM Endocrinology (practical) at KEM Hospital, Mumbai during 21-22 August 2017.

Dr Bharat B and Dr Nishitha D participated in a public discussion on "Diabetes Mellitus" on the Occassion of the World Diabetes Day at Sri Padmavathi Women's University, Tirupati, on 14th November 2017.

Dr Bharat B delivered a talk on "Weight loss strategies in type 2 Diabetes mellitus" in CME conducted on World Diabetes day at Minerva Hotel, Tirupati on 14th November 2017.

13.0 DEPARTMENT OF FORENSIC MEDICINE

Professor & Head

Dr K. Bhaskar Reddy

Faculty

Dr Kongani Jyothi Prasad
Dr G.Chandra Sekhar
Dr B. Rupesh Kumar Naik
Dr B.Suresh Kumar

Tutors

Dr R.D.Nagaraj
Dr K. Chenga Reddy

13.1 Conference attended

Dr K.Bhaskar Reddy, Dr K.Jyothi Prasad and Dr G.Chandra Sekhar, attended AP FORENSICON II-2017, 2nd Annual Conference of A.P. Academy of Forensic Medicine & Toxicology at SV Medical College, Tirupati during 9-10 April 2017.

Dr G.Chandra Sekhar, attended FORENSICON-2017, South India Medicolegal Association (SIMLA) conference at Gandhi Medical College, Secunderabad during 21-23 September 2017.

13.2 CME's conducted

A CME conducted on "Medical Negligence, Autopsy Vs Virtual Autopsy and New Markers in Lung malignancies & Automation in IHC" was conducted jointly by the Dept. of Forensic Medicine and Pathology on 5th August 2017.

13.3 CME's / Workshops attended

Dr K.Bhaskar Reddy, Dr K.Jyothi Prasad, Dr K.Chenga Reddy and R.D.Nagaraj, attended the following CMEs conducted at SVIMS

1. Symposium on Differentiated Thyroid Cancer on 21st January, 2017.
2. Cardiac Transplantation on 4th February, 2017.
3. Glucocorticoids in Clinical Practice: A Critical Appraisal conducted on 4th March, 2017.
4. Acute Kidney Injury in Pregnancy, Renal Stones in Pregnancy, Pregnancy Issues Related to Urology on 1st April 2017.
5. Anaemia on 1st July, 17
6. Medical Negligence, Autopsy Vs Virtual Autopsy and New Markers in Lung malignancies & Automation in IHC on 5th August, 2017.
7. 11th BAPU Annual conference during 17- 18 September 2017.
8. Emerging Viral Infections in India on 9th November, 2017.
9. National Symposium on "Pharmacy Practice and Clinical Pharmacology" during 24- 25 November 2017.
10. Mega CPR-Community CPR Program on 14th December 2017.

Dr G.Chandra Sekhar and Dr B.Suresh Kumar attended the following CMEs conducted at SVIMS

1. Emerging Viral Infections in India conducted on 9th November 2017.
2. National Symposium on "Pharmacy Practice and Clinical Pharmacology" during 24-25 November 2017.
3. Mega CPR-Community CPR Program on 14th December 2017

Other academic activities

Dr K.Bhaskar Reddy, was External Examiner for the following:

1. U.G. examinations at

(i) Vydehi Institute of Medical Sciences & RC, Bangalore during 3-5 January 2017.

(ii) Kasturba Medical College (KMC), Manipal during 6-8 January 2017.

(iii) Govt. Thiruvannamalai Medical College, Chennai during 7-11 March 2017.

(iv) Jawaharlal Institute of Post Graduate Medical Education and Research, Puducherry on 4th June 2017.

2. He was also Team In-Charge for All India University Vice Chancellor's- Round Table meeting at SVIMS during 10-11 October 2017.

14.0 DEPARTMENT OF GENERAL SURGERY

Professor & Head
Dr Y. Mutheeswaraiah

Faculty

Dr P.V. Ramasubba Reddy
Dr Hari Hara Sastry
Dr G.Kishore babu
Dr B. Srihari rao
Dr K.Saitheja
Dr O. Siddarth
Dr T.Hemachandra
Dr T. Hari Prasad
Dr T.Yaswanth
Dr V. Srikarthik
Dr M.C. Narendra
Dr B. Ramakrishna

Senior Residents

Dr G.Swathi
Dr V. Kiran Kumar
Dr C.Manoj Krishna
Dr A. Sravanthi

Junior Residents

Dr K. Kishore
Dr Shaik. Hameed
Dr G.K. Harish
Dr M.Nawaz
Dr A. Kishore yadav
Dr Venipriya
Dr K.Chandana

14.1 Awards

1. **S. Ushasree,** III MBBS student was awarded first prize for the case presentation of a rare care of papillary carcinoma in thyroglossal cyst at OSMECON, Hyderabad on 13th August 2017.

2. **A. Samhita,** III MBBS student was awarded first prize for the case presentation of a rare case of Glomus tumour at subungual region, at KIMS, Amalapuram on 9th September 2017.

14.2 Conferences attended

Dr Y. Mutheeswaraiah, attended the following:

1. Indian Association of Surgical Endocrinology conference at Puri, Orissa during 12-14 October 2017.

2. ASI Conference at Jaipur during 25-30 December 2017.

Dr O.Siddarth, attended the AMASICON 2017 at Kochi, Kerala during 26-29 October 2017.

Dr T. Hemachandra, attended the ASICON-2017 at Jaipur during 27-30 December 2017.

14.3 Workshop attended

1. Dr Y.Mutheeswaraiah , Dr B.Srihari Rao attended Surgical Oncology workshop at Tata memorial hospital, Mumbai during 7-9 December 2017.

14.4 Other academic activities

1. Dr B.Srihari Rao, External examiner to conduct the Post graduates examination of Manipal University at Kasthuriba Medical College, Mangalore.

2. External examiner to conduct the Undergraduate examination of Gauhati Government Medical College at Gauhati during18-22 December 2017.

3. External examiner to KIMS at Amalapuram for III year BDS during 17-19 July 2017.

15.0 DEPARTMENT OF HAEMATOLOGY

Associate Professor & Head
Dr C.Chandra Sekhar

15.1 Research work

Thesis work done in collaboration with other departments

Thesis submitted

Dr C. Chandrasekhar was Co-guide for the following thesis

1. **Srikanth L.** In vitro differentiation and characterization of cultured human hematopoietic stem cells to Type II pneumocytes and Osteocytes (PhD). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

2. **M.M Sunitha,** In vitro differentiation of Human hematopoietic stems cells into podocytes and beta cells of islets of Langerhans (PhD). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

Ongoing Thesis work

1. **Santhosh Kumar P.** In vitro differentiation and characterization of cultured human CD34 positive stem cells into hepatocytes, erythrocytes and platelets (PhD).

15.2 Publications

Publications in Indexed Journals

1. **Chandrasekhar C, Santhosh Kumar P, Sumanth Kumar M, Sarma PV.** A retrospective study of JAK-2 mutations, Endogenous Erythroid Colony formation assay in absolute erythrocytosis patients in a tertiary care centre, South India. J Stem Cells. 2017;12(2):71-81.

2. **Santhosh Kumar P, Chandrasekhar C, Srikanth L, Sunitha MM, Sarma PV.** In vitro differentiation and characterization of Human hematopoietic CD34+ stem cells into Erythrocytes. J Stem Cells. 2017;12(2): 63-70.

3. **Sunitha MM, Srikanth L, Santhosh Kumar P, Chandrasekhar C, Sarma PV.** Down-regulation of PAX2 promotes in vitro differentiation of podocytes from human CD34+ cells. Cell Tissue Res. 2017;370(3):477-88.

Papers under Review

1. **Santhosh Kumar P, Chandrasekhar C, Sarma PV.** Novel mutations in the kinase domain of BCR-ABL gene resulting in the imatinib resistance in Chronic Myeloid Leukemia patients. Journal of Lymphoma, Myeloma and Leukemia..

2. **Chandrasekhar C, Santhosh Kumar P, Roopa Naik S, Sumanth Kumar M, Sarma PVGK.** A retrospective study of parietal cell and intrinsic factor antibodies in B12 deficiency anaemias: a non-gastroscopic descriptive analysis in a University teaching hospital, India. International Journal of Laboratory Haematology.

15.3 CME conducted

A CME on “Anemia- Approach”was conducted on 1st July 2017.

16.0 DEPARTMENT OF MEDICAL ONCOLOGY

Professor & Head
Dr T. Kannan

Faculty

Dr D.Bhargavi
Dr Ravi Sankar Arigela
Dr R.G. Balambika

PG (DM) Senior Residents

Dr Praveena Voonna
Dr Shilpa K
Dr K.M. Ram Prahlad
Dr B. Sreekanth
Dr Santhosh V
Dr Priyadarshini LK

16.1 Awards, achievements and felicitations

Dr K.Shilpa, Dr V.Praveena and Dr V.Santhosh., attended "INDO-UK Oncology summit", participated in IBHS ground Oncology quiz and won 2nd prize. at Chennai during 15 -16 December, 2017

16.2 Research Work

Thesis submitted

1. **Venkatesh M.** A Prospective randomized study of CAPEOX Vs FOLFOX-4 in Adjuvant and metastatic colorectal cancer in perspective of toxicity and compliance (DM). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

2. **Sreeramakrishnaiah S.** A Prospective Randomized study of PET-CT based response evaluation in adenocarcinoma variety of NSCLC (Lung Cancer Stage IIIB and IV) between Pemetrexed-Cisplatinum Vs Paclitaxel – Carboplatin chemotherapy" (DM). Tirupati: Sri Venkateswara Institute of Medical Sciences 2017.

Ongoing Thesis work

1. **Shilpa K.** Metronomic Chemotherapy in residual, recurrent and metastatic head and neck cancers (DM).

2. **Praveena V.** Estimation of plasma epidermal growth factor receptor mutation (EGFR) status and its correlation with tumor tissue EGFR mutation status in advanced Non Small Cell Lung Cancer patients (DM).

3. **Ramprahallad KM.** Role of circulating tumor DNA in assessing chemotherapy response in Triple Negative Breast Cancer (DM).

4. **Sreekanth B.** Role of serum carcino embryonic antigen as a predictive and prognostic marker of response to treatment in patients with Advanced Non Small Cell Lung Cancer – A prospective observational study (DM).

16.3 Conferences attended, lectures delivered

Dr T.Kannan., chaired scientific session on Pediatric Oncology at the Indo-British Health Initiative Conference at Chennai during 15 - 16 December 2017.

Dr D. Bhargavi, attended the following:

1. ICC 2017 at Bengaluru during 8 - 12 November 2017.

2. Medical Oncology Forum at Amaravathi on 16th December 2017.

Dr K. Shilpa, attended the following:

1. International update on plasma cell dyscrasia at Bangalore during 11-13 February 2017.

2. APICON at Vizag during 9-10 September 2017.

Dr V. Praveena attended the following:

1. " Best of ASH-2017", at Mumbai during 20 - 21 January, 2017.

2. " World Cancer Congress-2017", at Kolkata during 20 - 22 September, 2017.

Dr K. Shilpa, Dr V.Praveena attended the following:

3. INDO-UK Oncology summit at Chennai during 15-16 December 2017.

4. SPEAK at Mumbai on 17th December 2017.

Dr B.Sreekanth and Dr KM Ramprahallad attended Young Medical Oncologist Forum, conducted at Vizag during 21-22 October 2017.

Dr V.Santhosh, attended "INDO-UK Oncology summit" at Chennai during 15-16 December 2017.

17.0 DEPARTMENT OF MEDICINE

Professor & Head
Dr Alladi Mohan

Faculty

Dr B. Siddhartha Kumar	Dr J.Hari Krishna	Dr K. Chandrakant
Dr G. Sadasivaiah	Dr A. Sunitha	Dr A. Sandeep Reddy
Dr D.T.Katyarmal	Dr Manolasya .V	Dr V. Sameeraja

Senior Residents

Dr D. Arun Kumar	Dr D. Narayana Murthy	Dr M. Aruna
Dr P. Thejeswini		Dr C. Sridhar

PG (MD) Junior Residents

Dr Bhukya Sree vidya	Dr Anjali Praveen	Dr C. Rahul
Dr D Neeharika	Dr Niveditha Gajjala	Dr M.Ganesh
Dr G. Sindhu	Dr M. Soumya	Dr M.Krishnakumar
Dr Rajeshwari Kyasani	Dr R.Suryudu	Dr V.Pradeep
	Dr V. Devika Reddy	Dr G.Harshavardhan Reddy
	Dr T.Sowjanya Lakshmi	Dr T. Neeharika

17.1 Awards, achievements and felicitations

Dr Alladi Mohan was

1. **International Advisory Board Member** for Hutchison's Clinical Methods, 24th Edition (Glynn M, Drake WM, editors. Hutchison's clinical methods. An integrated approach to clinical practice. International Edition. 24th edition. Edinburgh: Elsevier; 2018)
2. **Chairman-Elect (2017-18),** AP State Chapter of Association of Physicians of India (AP APICON).
3. **Vice-Chairman, Scientific Committee,** 25th National Conference of the Indian Association of Clinical Medicine (Silver IACMCON 2017) at Kolkata during 13-15 October 2017.
4. **Member, Editorial Board,** CHEST (Indian Edition), Official publication of American College of Chest Physicians, since 2017.

The following post graduates of MD Medicine won the Best Paper award in the 45th AP State Chapter of Association of Physicians of India (AP APICON 2017) at Vishakapatnam during 9-10 September 2017.

1. **Dr D. Neeharika,** won **Best paper Award** (Platform Presentation) (Cash Prize of Rs 5000/-) for the paper on "Effect of nutritional status at the time of initial presentation on outcome in critically ill patients admitted to medical intensive care unit (MICU): a prospective study" .
2. **Dr M. Soumya** won the **II Best Paper Award** (Cash Prize of Rs 3000/-) for the poster on "Swine-flu [influenza A (H1N1 PDM09)] presenting with air leak syndrome".

Dr B. Sreevidya, won **II Best Paper Award** for Poster Presentation on "Sensorineural deafness following tacrolimus use" at the Annual Conference of the Indian Society of Nephrology, Southern Chapter ISNSCCON 2017, at Pondicherry during 10-12 February 2017.

17.2. Research projects

Ongoing Research projects

1. **Principal Investigator:** Dr Alladi Mohan. **Tilte:** To study the effect of mobile phones on well-being, sleep and cognitive function. **Funding agency:** Department of Science & Technology (DST), Ministry of Science & Technology, Government of India.

17.3 Research work

Theses submitted

1. **Sindhu G.** Epidemiology, clinical features and outcome in patients with acute respiratory failure requiring admission to the medical intensive care unit (MICU): a prospective study (MD). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.
2. **Rajeshwari K.** Burden of coronary artery disease in patients with chronic obstructive pulmonary disease (MD). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.
3. **Neeharika D.** Effect of nutritional status at the time of initial presentation on outcome in critically ill patients admitted to medical intensive care unit (MICU): a prospective study (MD). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.
4. **Srividya B.** Aetiology and clinical presentation of patients presenting with acute undifferentiated fever: a prospective study (MD). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

Ongoing thesis work

1. **Praveen A.** Burden of drug-resistant tuberculosis in previously treated patients with pulmonary tuberculosis (MD).
2. **Niveditha G.** Study of burden, clinical characteristics, method of confirmation of diagnosis and treatment outcome in patients with extra pulmonary tuberculosis (MD).
3. **Soumya M.** Demographic characteristics, clinical presentation, risk factors and pathological typers of lung cancer: a prospective study (MD).

Thesis work carried out in collaboration with other Depts.

Thesis submitted

1. **Dr D.T. Katyarmal** as Co-guide for thesies of Srikala VS. Biotyping and serotyping of beta-haemolytic streptococcus isolated from various clinical samples nearby Tirupati (MD). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

17.4 Conferences attended, lectures delivered

Dr Alladi Mohan, attended the following

1. Practical approach to breathlessness at the Annual National Conference of the Association of Physicians of India at Mumbai during 26-29 January 2017.
2. Moderator, "Management of patient with diabetes to critical situations - case based panel discussion in the 2nd Annual Conference of the AP State Chapter of RSSDI 2017 at Vishakapatnam on 2nd July 2017.
3. "INDEX TB Guidelines" at the 2nd Telangana Physicians Association Conference 2017 (TPACON 2017) at Gandhi Medical College, Hyderabad during 12-13 August 2017.
4. INDEX TB Guidelines at the 45th Annual Conference of the Andhra Pradesh State Chapter of Association of Physicians of India at Vishakapatnam during 9-10 September 2017.
5. New guidelines, newer diagnostic methods for TB in the 39th CME Programme in Internal Medicine Medicine organized by Medical Education and Research Trust (MERT) at Bengaluru on 25th September 2017.
6. Pulmonary Nodules approach 2017 in the 25th National Conference of the Indian Association of Clinical Medicine (Silver IACMCON 2017) at Kolkata during 13-15 October 2017.
7. Delivered talk on "Sequelae of pulmonary tuberculosis" in Telangana State Conference of Tuberculosis (TSTBCON 2017) at KIMS, Narketpally on 4th November 2017.
8. Rational use of antibiotics in the Symposium on community acquired pneumonia in the 19th Joint National Conference of the Indian Chest Society (ICS) and National College of Chest Physicians (NCCP) (NAPCON 2017) at Kolkata on 19th November 2017.

Dr Alladi Mohan, attended as Expert RNTCP Zonal Task Force Meeting (South-1) at Bengaluru on 3rd February 2017.

17.5 Presentations by postgraduate students

Postgraduate students pursuing MD (Medicine) presented the following papers at the 45th AP State chapter of Association of Physicians of India (AP APICON 2017) at Vishakapatnam during 9-10 September 2017.

1. **Neeharika D.** Effect of nutritional status at the time of initial presentation on outcome in critically ill patients admitted to medical intensive care unit (MICU): a prospective study.
2. **Sreevidya B, Mohan A, D. Prabath Kumar D, Kalawat U, Sarma KVS.** Aetiology and clinical presentation of patients presenting with acute undifferentiated fever: a prospective study.
3. **Sindhu G, Mohan A, Harikrishna J, Rao MH, Sarma KVS.** Epidemiology, clinical features and outcome in patients with acute respiratory failure requiring admission to the medical intensive care unit (MICU): a prospective study.
4. **Rajeshwari K, Alladi Mohan, D. Prabath Kumar, V. Vanajakshamma, K.V.S. Sarma .** Burden of coronary artery disease in patients with chronic obstructive pulmonary disease.
5. **Soumya M, Kalyana Chakravarthi DP, Mohan A, Kalawat U.** Swine-flu [influenza A (H1N1 pdm09)] presenting with air leak syndrome.
6. **Praveen A, Niveditha G, Sindhu G, Prabath Kumar D, Siddhartha Kumar B, Mohan A.** Scorpion sting presenting with skin diarrhoea: a case report.
7. **Niveditha G, Prabath Kumar D, Siddhartha Kumar B, Mohan A, Indirakshi J, Surya Durga Devi PS**. Stevens-Johnson syndrome(SJS)/toxic epidermal necrolysis overlap syndrome due to oral cefuroxime: a case report

17.6 Publications

Publications in indexed journals

1. **Vaikkakara S, Raj MN, Sachan A, Mohan A, Vengamma B, Rao PVLNS, Mukka A, Sravani C, Reddy AP.** Impact of severity of illness on the function of the hypothalamo-pituitary-gonadal axis in postmenopausal women with acute severe illness: implications for predicting disease outcome. Indian J Endocrinol Metab 2017;21:738-44.
2. **Mohan A, Reddy SA, Sachan A, Sarma KVS, Kumar DP, Panchagnula MV, Rao PVLNS, Kumar BS, Krishnaprasanthi** P. Authors' Response. Indian J Med Res 2017;145:573-4.
3. **Sharma SK, Ryan H, Khaparde S, Sachdeva KS, Singh AD, Mohan A, Sarin R, Paramasivan CN, Kumar P, Nischal N, Khatiwada S, Garner P, Tharyan P.** Index-TB guidelines: Guidelines on extrapulmonary tuberculosis for India. Indian J Med Res 2017;145:448-63
4. **Bodapati PC, Vemula RCV, Mohammad AA, Mohan** A. Outcome and management of spinal tuberculosis according to severity at a tertiary referral center. Asian J Neurosurg 2017;12:441-6.
5. **Babu PP, Kumar PS, Mohan A, Kumar BS, Sarma PVGK.** Novel mutations in the exon 5, intron 2 and 3' UTR regions of IL-12B gene were observed in clinically proven tuberculosis patients of south India. Cytokine 2017;99:50-8.
6. **Sharma SK, Mohan A.** Miliary Tuberculosis. Microbiol Spectr 2017;5(2): doi: 10.1128/microbiolspec.TNMI7-0013-2016.
7. **Varadaraja J, Vengamma B, Mohan A, Usharani K.** In-hospital medical, neurological complications and outcome in patients with acute stroke: a prospective study. J Clin Sci Res 2017;6:144-52.
8. **Indirakshi J, Sunnesh A, Aruna M, Reddy MH, Kumar AC, Chandra VS, Sangeetha, Katyarmal DT, Ram R, Kumar VS.** Toxic epidermal necrolysis and acute kidney injury due to glyphosate ingestion. Indian J Crit Care Med 2017;21:167-9

Conference abstracts

1. **Mohan A, Sumanth Reddy P, Kumar BS, Sachan A, Kumar DP, Sarma KVS.** Burden of tuberculosis in adult patients with diabetes mellitus. Am J Respir Crit Care Med 2017;195:A4007.
2. **Reddy SA, Mohan A, Sachan A, Srinivasa Rao PVLN, Sarma KVS.** Insulin resistance and beta-cell dysfunction in patients with newly diagnosed type 2 diabetes mellitus. SL-28. In: Proceedings of the 104th Indian Science Congress, S.V. University, Tirupati, 3-7 January 2017.p.80-1.

Book Chapters

1. Mohan A, Arun Kumar D. Practical approach to breathlessness. In: Muruganathan A, Bansode BR, editors. Progress in medicine 2017. Mumbai: Association of Physicians of India, Indian College of Physicians; 2017(1).p.93-7.
2. Mohan A, Vijalakshmi Devi B, . Chandra A. Clinial evaluation and management of a solitary pulmonary nodule in 2017. In: Raju YS, editor. Clinical medicine update 2017. Kolkata: Indian Association of Clinical Medicine; 2017(XX):32-8.
3. Sharma SK, Mohan A. Miliary tuberculosis. In: Schlossberg D, editor.Tuberculosis and nontuberculous mycobacterial infections. Washington: ASM Press; 2017.p.491-513.
4. Mohan A, Vijayalakshmi Devi B, Chandra A. Solitary pulmonary nodule. In: Jindal SK, editor. Textbook of pulmonary and critical care medicine. Second edition. New Delhi: Jaypee Brothers Medical Publishers; 2017.p.1345-56.
5. Mohan A, Vijayalakshmi Devi B, Chandra A. Pulmonary mycetoma. In: Jindal SK, editor. Textbook of pulmonary and critical care medicine. Second edition. New Delhi: Jaypee Brothers Medical Publishers; 2017.p.621-30.

17.7 CMEs/ Orations conducted.

1. The First "Dr Kalpalatha and Dr Jayarama Guntupalli Medicine Chair Oration" was delivered by Dr Krishna Murthy Narasimhan, Director of Sri Sathya Sai Mobile Hospital, Puttaparthi on 24th January 2017 .
2. Ashtavadanam on "Diabetes mellitus" Dr Subhashini Yaturu (USA) had sponsored the event. Dr Medasani Mohan officiating as the Avadhani; Dr Alladi Mohan, Dr B. Siddhartha Kumar, Dr BCM Prasad, Dr V. Vanaja, Dr Subhashini Yaturu, Dr P. Krishna Prasanthi, Dr Damodara Naidu, Mr M.B. Lokanatha Reddy were the Pruchchakas on 1st March 2017.

17.8 CME attended:

1. Dr Alladi Mohan, attended a CME on Clinical aspects of Mycobacterium tuberculosis and its management – the present scenario conducted by the Departments of Biotechnology and Bioinformatics at SVIMS on 30th December 2017.
2. Dr D.T. Katyarmal, attended a CME on "Respiratory infections in adults" and "Emerging viral infections in India" Organized by SVIMS ICMR, DHR Viral Research and Diagnostic Laboratory at SVIMS on 9th November 2017.

17.9 Other academic activities

Dr Alladi Mohan has been

1. Public awareness lectures on World TB day March 24, 2017, World No Tobacco Day May 31, 2017
2. Chairman, South-I Zonal Task Force Operational Research (OR) Committee for the involvement of Medical Colleges in the Revised National Tuberculosis Control Programme (RNTCP) of Government of India.
3. Member, National Operational Research (OR) Committee for the involvement of Medical Colleges in the Revised National Tuberculosis Control Programme (RNTCP) of Government of India.
4. Examiner for MBBS (Maharashtra University of Health Sciences, Maharashtra), MD (Medicine/ General Medicine) (AIIMS, New Delhi); Rajiv Gandhi University of Health Sciences, Karnataka).
5. MCI Assessor for PG MD (Medicine/General Medicine)

Dr B Siddhartha Kumar was Examiner for MBBS (Kerala University, Kerala)

Dr D.T. Katyarmal was Examiner for MBBS, MD (Medicine/General Medicine) at Maharashtra University of Health Sciences, Maharashtra

18.0 DEPARTMENT OF MICROBIOLOGY

Assoc. Professor & HoD i/c
Dr K.K. Sharma

Faculty

Dr Abhijit Chaudhury
Dr B.Venkataramana
Dr N. Rama Krishna
Dr Usha Kalawat
Dr R.Jayaprada
Dr Anju Varma

Senior Residents
Dr HVND Nibandhana

Tutors

Dr V S Srikala
Dr Noble Ujesh
Dr V. Harika

Research Scholars

M. Nagaraja
K. Meenakshi
Rishi Gowtham R
A. Srikar

18.1 Research Work

Thesis submitted

1. Srikala VS. Study of Biochemical and Serological characterization of Beta haemolytic streptococci from various clinical samples submitted to the Dept. of Microbiology, SVIMS, Tirupati (MD). Tirupati: Sri Ventakeswara Institute of Medical Sciences; 2017.

Ongoing Thesis Work

1. Noble Ujesh. Study of microbiological profile, antimictobial susceptibility patterns related to central line associated blood stream infections in a respiratory intensive care unit setting in a tertiary care hospital, SVIMS, Tirupati, Andhra Pradesh (MD).
2. Nagaraja M. Detection of Human Papillomavirus (HPV) and Identification of its Genotypes among Women with Suspected Cervical Cancer and their Male Partners (PhD).
3. Rishi Gowtham R. Molecular Characterization and Identification of Potential Inhibitors for E Protein of Dengue Virus (PhD).
4. Meenakshi K. Study of Atypical Pneumonia in a Tertiary Care Teaching Hospital of Sri Venkateswara Institute of Medical Sciences,Tirupati and Sri Venkateswara Ramnarain Ruia (SVRR) Government General Hospital,Tirupati with Molecular Characterization of Pneumocystis jirovect (PhD).

18.2 Conference attended / Lectures delivered

1. **Dr K.K. Sharma,** attended the 41st National Conference of Microbiology Microcon 2017 conducted by Indian Association of Medical Microbiologists at Ranchi, Jharkhand during 22-26 November 2017 and chaired the session on Anaerobic Infections.
2. **Dr Abhijit Choudhury,** attended the TROPACON 2017; 11th National Conference of Indian Academy of Tropical Parasitology and delivered lecture on Molecular Epidemiology and Genetic Diversity in Wuchereria bancrofti at SMIMS, Gangtok, Sikkim during 6-8 September 2017.

Dr Usha Kalawat, Dr AM Padmalatha and Mr Nagaraja Mudhigeti attended the Two days conference conducted by the Department of Health, New Delhi – ICMR at National Institute of Virology during 26-27 October 2017.

18.3 Publications

1. Chaudhury Abhijit. The Looming Menace of Drug Resistant Tuberculosis and the Quest for the Elusive Vaccine. J Clin Biomed Sci 2016; 6(3): 73-75.

2. Chaudhury A, Venkataramana B. Plasmodium knowlesi: the fifth malaria parasite. J Clin Sci Res 2017;6:171-8..

3. Scrub typhus: clinical profile and laboratory investigations. Padmalatha AM, Siddarth Kumar, Meenakshi Kante, 1Rishi Gowtham R, Usha Kalawat. European Journal of Biomedical AND Pharmaceutical sciences.2017;4:793-96.

4. Jayaprada R., Nagaraja Mudhigeti., Usha Kalawat. Common fungal isolates from routine clinical specimens – a two year study from a tertiary care hospital in South India. J Clin Sci Res 2017.

18.4 CMEs / Workshops conducted by the Dept.

1. CME programme on Emerging Viral Infections in India on 9th November 2017.

2. Virology lab conducted 2nd annual workshop and hands on training on virus diagnostic methods during 10-11 November 2017.

18.5 CMEs/ Workshops attended

Dr R. Jayaprada attended the following:

1. National workshop on Hospital Infection Control during 6-10 February 2017.

2. CME on Hospital Infection Control and given oral presentation on "Bundle Care" and standard presentation by Consortium of Accreditated Hospitals at AIIMS, Delhi on 23rd March 2017.

Dr N. Ramakrishna attended the following:

1. CME on virus diagnostic methods conducted by Virology Lab during 10-11 November 2017.

2. Oral Presentation given on Laboratory Safety conducted by SVIMS

18.6 Other academic activities

Dr Abhijit Choudhury

1. Reviewer for:
   i. Indian Journal of Medical Research
   ii. Journal of Clinical and Diagnostic Research

2. MCI Assessment: UG and PG assessment in Tamil Nadu, West Bengal, and Rajasthan.

3. MBBS examiner at NTRUHS, AP; Govt Medical College, Tirunelveli, TN. MD examiner at BSMC, Bankura, WB; Sumandeep University, Baroda, Gujarat.

Dr Jayaprada, attended CPHIC training programme at M.S. Ramaiah Hospital, Bangalore during 18 -19 December 2017.

Rishi Gowtham attended one day training programme on Public financial management system conducted by Controller General of Accounts, New Delhi at Chennai on 25th October 2017.

N. Ramakrishna Taken regular training classes on Infection control and Biomedical waste Management for health care workers.

19.0 DEPARTMENT OF NEPHROLOGY

Professor & Head
Dr R. Ram

Faculty

Dr V Sivakumar
Dr Harikrishna Reddy M
Dr Gireesh Reddy
Dr Anil Kumar C Venkata
Dr R.D.Nagaraj

PG (DM) Senior Residents

Dr Praveen Nallamothu
Dr Sarat Chandra V
Dr A. Sunnesh Reddy
Dr Nannapaneni Sai Sameera
Dr M. Raja Amarendra
Dr K.Naveen Kumar

19.1 Awards, Achievements and Felicitations

1. **Dr R Ram,** Professor & Head was awarded **Fellow of Royal College of Physicians, London** for his committed Patient service, Research & Publication work in International Journals on 17th June 2017
2. **Dr Sunnesh Reddy,** DM Senior Resident won **Second prize** in ISNSCCON 2017 national conference at JIPMER Pondicherry, during 10-12 February 2017.
3. **Dr Sai Sameera,** DM Senior Resident won **Second prize** in ISNCON 2017 national conference at Delhi during 14-17 December 2017.

19.2 Research work

Thesis submitted

1. Harikrishna Reddy. A study on relationship between Fibroblast growth factor 23 and cardiovascular risk factors and carotid intima-media thickness in chronic kidney disease (pre dialysis) (DM). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.
2. Anil Kumar C Venkata. To study plasma SUPAR levels in the Critically ill patients with Acute kidney injury requiring dialysis supports (DM). Tirupati:Sri Venkateswara Institute of Medical Sciences; 2017.

Ongoing Thesis work

1. Praveen N. A study of insulin resistance in non diabetic chronic kidney disease patients (DM).
2. Sarat Chandra V.A study of Hepatocyte growth factor in Chronic kidney disease patients in predialysis stage compared to patients on maintenance haemodialysis and its correlation with Hs CRP, Nitric oxide and Oxidative stress markers (DM).
3. Sunnesh Reddy. To study the risk factor profile for thrombophilia in patients of ESRD on maintainance dialysis with failed AV fistulas (DM).
4. Sai Sameera N. A study of oxidative stress, inflammatory markers, endothelial dysfunction in diabetic and non diabetic chronic kidney disease patients on peritoneal dialysis (DM).

19.3 Conferences attended, lecture delivered

Dr V Sivakumar, chaired and delivered the following:

1. ISNSCCON 2017 at Pondicherry and chaired a session during 10-12 February 2017.
2. ISHD CON at Hyderabad and chaired a session in June 2017.
3. PDSI 2017 at Tirupati and delivered presidential address during 11-12 August 2017.
4. Delivered a lecture on “History of Nephrology” in department of nephrology at Manipal University in November 2017.
5. Delivered a lecture on “History of Medicine” at Apollo Medical College ,Chittoor in November 2017.

6. Delivered a lecture on "Diabetic nephropathy" at Tirupati Diabetic Association, Tirupati in December 2017.

7. ISNCON 2017 at Delhi and chaired a session during 14-17 December 2017.

Dr R Ram, attended and delivered the following sessions / lecheres respectively.

1. Annual conference of ISN-SC, 2017 and delivered Secretary address at Pondicherry during 10-12 February 2017.

2. PDSI 2017 and delivered lecture on "Peritoneal dialysis experience at SVIMS" at Tirupati during 11-12 August 2017.

3. ISNCON 2017 at Delhi and chaired a session on "Prevention of peritonitis" during 14-17 December 2017.

Dr M Harikrishna Reddy and Dr Anil Kumar C V, attended the following:

1. PDSI 2017 at Tirupati during 11-12 August 2017.

2. Renal Clinical Conference at CMC Vellore on 20th January 2017.

Dr M Harikrishna Reddy, attended ISN-SC 2017 at Pondicherry during 10-12 February 2017.

Dr Anil Kumar C V attended TYSA 2017 at Chennai in Jan 2017

Dr Praveen, Dr Sarat Chandra, Dr Sunnesh Reddy, Dr N.Sai Sammera attended the following:

1. Renal Clinical Conference at CMC Vellore on 20th January 2017

2. PDSI 2017 at Tirupati during 11-12 August 2017

19.4 Presentations by post graduate students

Postgraduate students pursuing DM (Nephrology) presented the following posters at

PDSI 2017 at Tirupati during 11-12 August 2017.

1. **Sarat Chandra.** "Outcomes of patients on peritoneal dialysis and switching to haemodialysis .A single centre study" and "An emerging non-renal indication for peritoneal dialysis: Mitochondrial neuro gastrointestinal encephalopathy".

2. **Sai Sameera.** A rare patient of osmotic demyelination syndrome presented.

ISN-SC 2017 at Pondicherry during 10-12 February 2017

1. **Sunneesh Reddy.** "Toxic Epidermal necrolysis and AKI due to Glyphosate ingestion patients" and "Tunnel infection diagnosed by FDG PET scan in peritoneal dialysis patient".

2. **Sai Sameera.** IgG myeloma in patient with IgA nephropathy.

3. **Suneesh Reddy.** Does an AV fistula creation reduce the rate of fall in GFR in CKD patients.

4. **Praveen N.** A study to assess the effects of gender and dialysis adequacy on anaemia in peritoneal dialysis patients.

ISN 2017 at Delhi 14-17 December 2017.

1. **Sai Sameera** Clinical outcomes of patients with IgA nephropathy with Crescents

19.5 Publications

1. A Kumar A, Alekya V, Krishna M, Alekya K, Aruna M, Reddy M, Sangeetha B, Ram R, Kumar V S. Association of amelogenesis imperfecta and Bartter's syndrome. Indian J Nephrol 2017;27:399-401

2. Indirakshi J, Sunnesh A, Aruna M, Reddy M H, Kumar AC, Chandra V S, Sangeetha B, Katyarmal D T, Ram R, Kumar V S. Toxic epidermal necrolysis and acute kidney injury due to glyphosate ingestion. Indian J Crit Care Med 2017;21:167-9.

3. Mogili HK, C V AK, Boju SL, M Aruna, Mantri RG, Kalawat TC, Ram R, Siva Kumar V . Tuberculous peritonitis diagnosed with the help of 18F-FDG PET/CT scan. Nephrology (Carlton). 2017;22(4):334-5.

4. Lakshmi BS, Kumar ACV, Reddy HK, Gopal J, Chaitanya V, Chandra VS, Sandeep P, Nagaraju RD, Ram R, Kumar VS. Employment Status of Patients Receiving Maintenance Dialysis - Peritoneal and

Hemodialysis: A Cross-sectional Study. Indian J Nephrol 2017; 27(5):384-8.

5. Reddy M, Kumar A, Chandra V S, Praveen N, Kurien A A, Sangeetha B, Ram R. Collagenofibrotic glomerulopathy. Indian J Nephrol 2017;27:331-3.

6. Kumar AV, Mogili HK, Boju SL, Guptha R, Kalawat TC, R R, V SK. Pheochromocytoma of Urinary Bladder in a Dialysis Patient Nephrology (Carlton). 2017 Feb;22(2):183. doi: 10.1111/nep.12723.

7. Mogili HK, Cv Kumar A, Boju SL, Rapur R, V SK. Association of membranoproliferative glomerulonephritis with renal cell carcinoma. Nephrology (Carlton). 2017;22(1):95-6. doi: 10.1111/nep.12717.

8. Mogili HK, C V AK, Boju SL, M A, Mantri RG, Kalawat TC, R R, V SK. Tuberculous peritonitis diagnosed with the help of 18?F-FDG PET/CT scan. Nephrology (Carlton). 2017;22(4):334-5. doi: 10.1111/nep.12802.

9. M. Hari Krishna Reddy, Anil CV Kumar, B. Sangeetha, R. Ram and V. Siva Kumar. Anti-PLA2R antibody in a secondary cause of membranous nephropathy (pages 94–95)Version of Record online: 17 DEC 2017 | DOI: 10.1111/nep.12997.

Accepted for publication:

1. Harikrishna Reddy M, Padmavathi Devi SV, Sangeetha Lakshmi B, Anil Kumar CV, Ram R, Siva Kumar V. Multi-focal Tuberculous Osteomyelitis in a Kidney transplant patient. Accepted in Nephrology

2. Sangeetha Lakshmi B, Vidya, Hari Krishna Reddy M, Anil CV Kumar, Ram R, Siva Kumar V. Sensorineural deafness following tacrolimus use, B. Accepted in Experimental and Clinical Transplantation.

3. Cephalic arch stenosis: Location of stenosis in Indian haemodialysis patients. S. Sarala, B. Sangeetha, V. Sandeep Mahapatra, RD Nagaraju, Anil CV Kumar, AY Lakshmi, Ram, V Siva Kumar. Accepted in Indian Journal of Nephrology.

19.6 Conference / Orations conducted

1. PDSI 2017 national conference during 11-12 August 2017.

2. The 9th Annual Balaji Gold Medal Nephrology Chair oration was delivered by Dr T. Ravi Raju, Vice Chancellor, Dr NTRUHS,Vijayawada on the topic "Non-Invasive Detection of Allograft Rejection – Prime time for Gene Profiling" on 21st January 2017.

20.0 DEPARTMENT OF NEUROLOGY

Senior Professor & Head
Dr B. Vengamma

Faculty

Dr K.Satya Rao
Dr T.Naveen
Dr P.Nataraj
Dr S.V. Naveen Prasad
Dr K.Anil Kumar
Dr G.Pavan Kumar Reddy
Dr J.Dushyanth Babu
Dr M.Sarat
Dr D.V.Seshagiri

PG (DM) Senior Residents

Dr A. Appa Rao
Dr B.L. Narasimha Reddy
Dr P. Yeshwanth
Dr R. Rakesh Reddy
Dr P. Pranuthi
Dr Ch.P.S.S.Sai Neelima
Dr T. Kedar
Dr M. Usha Chowdary
Dr M. Manideep

20.1 Awards

Dr B. Vengamma, was awarded the following

1. **"Visishta Ratna and Shiromani"** on the eve of the 107th Chittoor District Formation Day Celebrations by Academy of Grassroots Studies and Research of India (AGRASRI) at Hotel Bliss, Tirupati on on 1st April 2017 .

2. **"Neurology Expert award 2017"** under category of Neurology at 4th Annual National Health Award - 2017 at India International Centre New Delhi by Nutrition and Natural Health Science Association on 27th December 2017.

Dr Dushyanth Babu J, was award **"Best paper Award"** with cash prize of Rs. 5000 and presented a paper on "Sleep in Parkinsonism: A polysomnography based study" at 24th Annual Conference of AP. Neuro Scientists' Association AP NEUROCON – 2017, Nellore on 10th& 11th June 2017.

20.2 Fellowships received

1. **Dr Naveen T**, Associate Professor, was awarded Fellowship in Parkinson's disease and other movement disorders at NIMHANS during July 2016 to June 2017.

20.3 Research work

Thesis submitted

1. Anil Kumar K. A study of serum 25 – Hydroxy vitamins D levels in acute arterial stroke patients (DM). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

2. Sarat M. Clinical and electrophysiological study in chronic uremic neuropathy (DM). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

3. Dinesh Kumar N. Etiology, clinical manifestations, radiology findings and outcome in patients with posterior circulation stroke: A prospective study (DM). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

4. Praveen Kumar G. Vascular and Neurological Impairment in patients with Type 2 Diabetes mellitus and Foot ulcer (DM). Tirupati:Sri Venkateswara Institute of Medical Sciences; 2017.

Ongoing thesis work

1. Appa Rao A. Impact of thyroid auto antibodies on severity and functional outcome in acute ischemic stroke (DM)

2. Narasimha Reddy BL. A study of cognitive impairment in chronic dialysis patients (DM).

3. Yeshwanth P. Study of neuron specific enolase for assessing the severity and outcome in patients with acute ischemic stroke (DM).

4. Rakesh Reddy R. A study on association of Cyp 2c9 polymorphism with phenytoin toxicity (DM).

5. Pranuthi. P. Prognostic significance of serum troponin I levels in acute ischaemic stroke (DM).

6. Poorna Sree Sesha Sai Neelima Ch. Assessment of intracranial and extracranial vascular disease in acute ischaemic stroke (DM).

Thesis work done in collaboration with other departments

Thesis submitted

Dr B. Vengamma, was Co-guide for the following thesis

1. Amrutha Lakshmi R. Utility of F 18 FDG Brain PET- CT Scan in evaluation of regional brain metabolism in patients with Psychogenic Non Epileptic Seizures (PNES) (MD). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

2. Srikanth L. In vitro differentiation and characterization of cultured human hematopoietic stem cells to Type II Pneumocytes and osteocytes (PhD). Tirupati:Sri Venkateswara Institute of Medical Sciences; 2017.

20.4 Conferences attended, lectures delivered

Dr B. Vengamma, attended the following:

International

1. AOCCN 2017 and presented oral paper on "A prospective evaluation of spinal accessory nerve function in oral cancers in nerve and vein preserving neck dissections" at NIMHANS, Bangalore during 9-12 November 2017.

National

Guest lectures delivered

2. "Corpus Callosum - Clinical Evaluation" organized by Institute of Neurology at 7th Annual International Conference of Clinical Neurology and "SHINE 2017" at Chennai on 26th February 2017.

3. "Neurological Disorders in Young population" in the International Seminar on "Contemporary trends in health psychology: Role of psychologists" at S.V.University, Tirupati during 25-26 September 2017.

National & State conferences attended

4. "6th Women Science Congress" as part of 104th Indian Science Congress at S.V.University, Tirupati on 4th January 2017.

5. 18th Joint annual conference of Indian Epilepsy Association and Indian Epilepsy Society, ECON, 2017 at Patna during 17-19 February 2017.

6. 3rd T.S. Srinivasan - Nimhans Knowledge Conclave 2017 organised with joint effort of NIMHANS and Neurosciences India Group in association with ASEPA (Asian Epilepsy Association) at NIMHANS, Bengaluru during 23-25 February 2017.

7. UGC sponsored national conference on "Cutting Edge Innovations and Future Prospects of Biotechnology" at Sri Padmavathi Mahila Viswavidyalayam, Tirupati during 27-28 February 2017.

8. TNSCON,2017 Inaugural Conference of Telangana Neuroscience Society at Hyderabad, on 5th March 2017.

9. 11th Indian National Stroke Conference at Amritsar during 17-19 March 2017.

10. AP Neurocon 2017 at Nellore during 9-11 June 2017.

11. Sri Satya Sai All India Medical conference on the Theme "Holistic Health Care at the Door Step" at Prasanthi Nilayam, Puttaparthi during 19-20 August 2017.

12. IANCON at Chennai during 8-10 September 2017.

Dr K. Satya Rao attended and delivered the following:

1. AP Neurocon 2017 and delivered a lecture on "Management of first seizure" at Nellore during 9-11 June 2017.

2. IANCON at Chennai during 8-10 September 2017.

Other Faculty and Residents attended the following:

1. Dr T. Naveen, Dr P. Nataraja, Dr N. Dinesh Kumar, Dr M. Sarat attended "Movement disorders society of India CON 2017(2nd)" at NIMHANS, Bangalore, during 6-8 January 2017.

2. Dr P. Nataraja, Dr M. Sarat, attended "Shine 2017", from Institute of Neurology, 7th annual international conference of clinical neurology at Chennai, during 24-26 February 2017.

3. Dr J. Dushyanth Babu attended the "World Neuroscience Summit" at Delhi, during 18-19 August 2017.

4. Dr T. Naveen, Dr P. Nataraja, Dr D.V. Seshagiri attended IANCON at Chennai, during 8-10 September 2017.

5. Dr S.V. Naveen Prasad, Dr D.V. Seshagiri, Dr M. Sarat, attended "Annual stroke master class" and Dr M. Sarat, presented oral paper on "A clinical and electrophysiological study of peripheral neuropathies in chronic kidney disease patients with respect to dialysis : Our experience from a tertiary care centre in South India" at New Delhi during 23-24 September 2017.

6. Dr S.V. Naveen Prasad attended the AOCCN 2017 and presented oral paper on "Serial nerve conduction studies in the electro diagnosis of GBS and outcome: our experience from territory care hospital in South India" at NIMHANS, Bangalore during 9-12 November 2017.

7. Dr M. Sarat attended the AOCCN 2017 and presented oral paper on "A clinical and electrophysiological study of peripheral neuropathies in chronic kidney disease patients with respect to dialysis: Our experience from a tertiary care centre in South India" at NIMHANS, Bangalore during 9-12 November 2017.

8. Dr N. Dinesh Kumar attended "Shine 2017", from institute of neurology, 7th annual international conference of clinical neurology, at Chennai, during 24-26 February 2017.

9. Dr P. Yeshwanth, attended TNSCON 2017, at Hyderabad on 5th March 2017.

10. Dr CH. Sai Neelima, attended the IANCON, at Chennai, during 8-10 September 2017.

11. Dr A. Appa Rao, Dr B.L. Narasimha Reddy, Dr P. Yeshwanth, attended "4th KAN teaching programme" at Alleppy, Kerala, during 9-10 December 2017.

20.5 Presentations by postgraduate students

Postgraduate students pursuing DM (Neurology) presented the following papers at:

National Epilepsy Conference at Patna during 17-18 February 2017.

1. Narasimha Reddy BL. Factors affecting the quality of life in people with epilepsy at tertiary care center.

2. Yeshwanth P. A study on clinical profile of refractory and super refractory status epilepticus in a tertiary care centre.

3. Appa Rao A. presented a poster on "Clinical profile and prognosis in patients with chronic epilepsy with complex partial seizures"

AP Neurocon, 2017 at Nellore, during 9-11 June 2017.

1. Sarath M. A clinical and electrophysiological study of peripheral neuropathies in chronic kidney disease patients with respect to dialysis: Our experience from a tertiary care centre in South India.

2. Anil Kumar K. A study of serum 25 – Hydroxy vitamins D levels in acute arterial stroke patients.

3. Dinesh Kumar N. Etiology, clinical manifestations, radiology findings and outcome in patients with posterior circulation stroke: A prospective study.

4. Appa Rao A. presented a poster on "Churg – Strauss syndrome with central and peripheral nervous system involvement.

5. Narasimha Reddy BL. presented a poster on "Rare case of progressive myoclonic epilepsy: neuronal ceroid lipofucsinosis (Batten's disease)".

6. Yeshwanth P. presented a poster on "A rare case of Pulmonary AV malformation presenting as brain abscess".

IANCON at Chennai during 8-10 September 2017

1. Rakesh Reddy R. Presented a poster on "Rare case of 4H syndrome".

2. Pranuthi P. Presented a poster on "Genetically proven Marinesco-Sjogren Syndrome".

20.6 Publications

Publications in indexed journals

1. Nagarathnam M, Shalini B, Vijayalakshmi V, Vengamma B, Latheef S. Predictors of quality of life among adolescents with epilepsy in the state of Andhra Pradesh. Neurol India 2017;65:1019-24

2. Nagarathnam M, Vengamma B, ShaliniB, Latheef SA. Stigma and polytherapy: Predictors of quality of life in patients with epilepsy from South India. Ann Indian Acad Neurol 2017;20:233-41

3. Kumar Reddy GR, Hulikal N, Lakshmi AY, Vengamma B. Nerve and vein preserving neck dissections for oral cancers: a prospective evaluation of spinal accessory nerve function and internal jugular vein patency following treatment. Acta Otorhinolaryngologica Italica official Journal of the Italian ENT Society 2017;37:1-6.

4. Vaikkakara S, Raj MN, Sachan A, Mohan A, Vengamma B, Rao PS, et al. Impact of severity of illness on the function of the hypothalamo-pituitary-gonadal axis in postmenopausal women with acute severe illness: Implications for predicting disease outcome. Indian J Endocr Metab 2017;21:738-44.

5. Jasti DB, Mallipeddi S, Apparao A, Vengamma B, Sivakumar V, Kolli S. A clinical and electrophysiological study of peripheral neuropathies in predialysis chronic kidney disease patients and relation of severity of peripheral neuropathy with degree of renal failure. J Neurosci Rural Pract 2017;8:516-24.

6. Thota N, Lenka A, George L, Hegde S, Arumugham SS, Prasad S, Stezin A, Kamble N, Yadav R, Pal PK. Impaired frontal lobe functions in patients with Parkinson's disease and psychosis.Asian J Psychiatr. 2017 Dec;30:192-5.

7. Lenka A, Thota N, Stezin A, Pal PK, Yadav R. Orofacial Involuntary Movements in Neurosyphilis: Beyond the Candy Sign.Tremor Other Hyperkinet Mov (N Y). 2017 Oct 9;7:499.

20.7 Oration conducted

1. 7th IEA Oration in Epileptology 2017, on the topic: Epilepsy care tailored to women by Dr Sanjeev Thomas, Professor of Neurology, at Sri Chitra Thirunal Institute of Medical Sciences and Technology (SCTIMST), Thiruvananthapuram on 18th November 2017.

20.8 CMEs/Seminars/Workshops attended:

Dr B. Vengamma attended the following:

Delivered lectures at CMEs

1. "Epilepsy: Diagnosis and Management" at monthly CME meeting of Indian Medical Association (IMA) Nandyal on 22nd January 2017

2. "Initiation and Termination of AEDs: Current Guidelines" at CME on Epilepsy Management on occasion of International Epilepsy Day Celebrations organized by JIPMER, Puducherry on 11th February 2017.

3. "Women' Health: Neurological Diseases and Epilepsy in women - Trail by fire" at DST – NASI Sensitization Workshop on Technological Empowerment of Women Sri Padmavati MahilaVisvavidyalayam (Women University) Tirupati in association with Department of Science and technology (DST) India, National Academy of Science India (NASI) Allahabad on 15th February 2017.

4. Key Note Address at Inauguration of the National Lecture-Cum- Workshop on "Application of Chemoinformatics – Big Data in Drug Discovery" organised by DBT- Supported BIF Centre, Department of Zoology, SV University, Tirupati on 24th March 2017

5. "Acute headache – Who needs investigations, which ones, when" in the Regional CME in association with Andhra Pradesh Medical Council (APMC) and Indian Medical Association at Tirupati on 15th May 2017.

6. "Stroke Mimics" in STROKE- UPDATE organised by Department of General Medicine Meenakshi Medical College Hospital & Research Institute - Kanchipuram on 13th September 2017.

7. "Approach to Stroke" at Santhiram Medical Collage Nandyal on the occassion of World Stroke Day on 29th October 2017

Workshops attended:

1. a UGC sponsored Workshop on Technological Empowerement of Women, at Sri Padmavathi Mahila Viswavidyalayam, Tirupati in Association with Department of Science and Technology (DST), National Academy of Science India (NASI) Allahabad, and delivered a topic as "Women Health : Neurological Diseases and Epilepsy in women – Trail by fire" on 15th February 2017.

2. "National lecture cum Workshop on Application of Chemoinformatics – Big data in drug discovery" organized by DBT, supported BIF Centre, Department of Zoology at SV University, Tirupati on 24th March 2017.

Seminars attended:

1. "MS Symposium South" organized by Sri ChitraTirunal Institute for Medical Sciences and Technology (SCTIMST) at Thiruvananthapuram, Kerala on 15th April 2017.

2. International seminar on "Contemporary trends in health psychology: Role of psychologists" organized by S.V.University, Tirupati, and delivered a lecture on "Neurological disorders in young population" during 25-26 September 2017.

3. Symposium on "Neuromuscular disorders" organized by IAN subsection (Neuromuscular Disorders) in collaboration with Vydehi Institute of Medical Sciences & Research Centre, Bengaluru during 1-2 December 2017

Dr K. Satya Rao, attended workshop on "Movement disorders" organized by GIMSER and delivered a lecture on "Cervical Dystonia" at Vizag on 25th November 2017.

Dr T. Naveen, attended Guest Faculty for live Botox work shop conducted in GIMSR, Vizag, on 25th November 2017

20.9 Other academic activities

Dr B. Vengamma, attended as Inspector of Medical Council of India (MCI):

1. Government Medical Collage, Kota, Rajasthan for the purpose of increase in the number of DM neurology seats from 2 to 4 on 27th March 2017.

2. Calcutta National Medical College, Kolkata, West Bengal for the purpose of recognition of DM Neurology seats on 16th August 2017.

as External Examiner in the year 2017

1. As Chairman of Board of examiners for Conducting the DM Neurology External Examination of Practical and Viva at NIMS, Hyderabad.

2. DM in Neurology at Amritha Institute of Medical Sciences, Kochi.

3. DM in Neurology at CMC, Vellore.

4. DM in Child and Adoloscent Psychiatry at NIMHANS, Bengaluru.

5. MCh in Neurosurgery at NIMHANS, Bengaluru.

21.0 DEPARTMENT OF NEUROSURGERY

Senior Professor & Head
Dr B.C.M. Prasad

Faculty

Dr V.V.Ramesh Chandra
Dr V. Niranjan
Dr K. Venkat
Dr A. Sudarsan
Dr D.M. Sasank

PG (MCh) Senior Residents

Dr Srikanth Talluri
Dr P. Rajesh
Dr Vivek Sharma
Dr Jagtap Rukmaji Prakash Rao
Dr Barde Nitin Manohar
Dr Goutham Hanu T
Dr Kunal Kumar

21.1 Awards, achievements and felicitations

Dr BCM Prasad and Dr V.V. Ramesh Chandra, received prestigious international award ***BMJ (British Medical Journal)*** South Asia awards for the year 2017 project titled "Development of the surgical program for spinal deformity at a tertiary center –challenges and outcomes" stood as a finalist in the ***"Surgical team of the year"*** category of the at New Delhi on 18th November 2017.

21.2 Fellowships received

1. **Dr B.C.M. Prasad,** Professor & Head was awarded by **Andhra Pradesh Science Congress (APSC 2017)** at Visakhapatnam during 7-9 November 2017.

2. **Dr V.V. Ramesh Chandra,** Professor received the **International fellowship in spinal deformity (Indo American Spine Alliance -IASA)** under Dr Munish Gupta, at Washington University in St. Louis, MO in September 2017.

21.3 Research projects

Ongoing Research projects

1. **Co - Investigator:** Dr B.C.M. Prasad, **Title:** To study the effect of mobile phones on well-being, sleep and cognitive function, **Funding agency:** Department of Science and Technology (DST), Ministry of Science & Technology, Government of India.

21.4 Research work

Thesis submitted

1. Sudarsan A. Correlation between clinical presentation, imaging, pathology and gene mutations in meningioma (MCh). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

2. Sasank DM. A prospective study on use of intraoperative application of vancomycin powder in instrumented spinal fusion surgeries (MCh). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

Ongoing Thesis work

1. Srikanth T. Comparative study of open TLIF vs minimally invasive interbody fusion for lumbar spondylolisthesis (MCh).

2. Rajesh P. Measurement of intraoperative intracranial pressure and cerebral perfusion pressure for predicting surgical outcome in severe traumatic brain injury (MCh).

3. Vivek Sharma. A prospective study on optimal timing of cranioplasty in cases of decompressive craniotomy (MCh).

4. Jagtap Rukmaji Prakash. Comparative study of open and minimally invasive lumbar fusion procedures for lumbar spondylolisthesis based on clinical outcome, muscle injury markers and imaging changes (MCh).

Thesis work carried out in collaboration with other departments

Thesis submitted

1. Dr B.C.M. Prasad was Co-guide for the thesis of Suguna B. Utility of intraoperative squash cytology for the diagnosis of CNS lesions (MD). Tirupati:Sri Venkateswara Institute of Medical Sciences; 2017.

2. Dr B.C.M. Prasad and Dr V V Ramesh Chandra were Co-guides for the thesis of Kiran Kumar MR. Demographic profile, clinical feature, imaging and outcome in patients presenting with traumatic brain injury to emergency department of SVIMS (MD). Tirupati:Sri Venkateswara Institute of Medical Sciences; 2017.

21.5 Conferences attended, lectures delivered

Dr B.C.M. Prasad attended the following:

1. Delivered a lecture in APASICON at Guntur Medical College, Guntur on 19th August 2017.

2. NSICON2017 at Nagpur during 30th November - 3rd December 2017.

3. As guest faculty for clinical discussion at "Neuroclinics 2017" (under the aegis of APNSA) at Guntur Medical College, Guntur during 23-24 December 2017.

4. Delivered a lecture on the occasion of 12th endowment lecture in Neurosciences at Andhra Medical College, Visakhapatnam on 29th December 2017.

Dr V.V Ramesh Chandra attended the following:

1. Delivered a lecture at Dr Balaparameswara Rao symposia on MISS- spondylolisthesis at APNEUROCON 2017 and 24th State conference of APNSA (Andhra Pradesh Neuroscientists Association) at Nellore during 9-11 June 2017.

2. NSICON2017 at Nagpur during 30th November - 3rd December 2017.

Dr V. Bala Balaji, presented a paper on "Effect of methylation status of MGMT gene on progression free survival and overall survival of patients with GBM treated with temozolomide-based chemoradiation" at 104th Indian Science Congess at Tirupati during 3-7 January 2017.

APNEUROCON 2017 and 24th State conference of APNSA (Andhra Pradesh Neuroscientists Association) at Nellore during 9-11 June 2017.

1. **Dr B.V. Ravi Kumar** presented a poster on posterior single stage vertebral column resection for kyphotic deformities –institutional experience.

2. **Dr V. Niranjan** presented a poster on Institutional analysis of patients of spinal dysraphism.

Dr A. Sudarsan, attended "Shine 2017" at Chennai during 24-26 February 2017.

Dr D.M. Sasank, attended conference on "Current concepts of cerebral revascularization" conducted by Narayana Medical College at Nellore on 21st October 2017.

Dr T. Srikanth, Dr Vivek Sharma, Dr T. Goutham Hanu attended "Neuroclinics2017" under the aegis of APNSA at Guntur Medical College, Guntur during 23-24 December 2017.

21.6 Presentations by postgraduate students

Postgraduates pursuing MCh (Neurosurgery) presented the following papers/posters at:

APNEUROCON 2017 and 24th State conference of APNSA (Andhra Pradesh Neuroscientists Association) at Nellore during 9-11 June 2017.

1. Sudarsan A. Presented a poster on "Factors predicting outcome in OYL done in a tertiary care hospital -10 years analysis" and a paper on "Novel mutations discovered in meningioma patients operated in a tertiary care hospital".

2. Sasank DM. Presented a poster on "A prospective study on use of intraoperative application of vancomycin powder in instrumented spinal fusion surgeries" and a paper on "Correlation of neuropsychological deficits with findings on MRI and NEUROPET in patients with MTBI".

3. Srikanth T. Presented a poster on "Microvascular decompression for trigeminal neuralgia and hemifacial spasm-SVIMS experience".

4. Rajesh P. Presented a poster on "Varied presentation of Schwannoma- a case study series in a tertiary care hospital in South India" and a paper on "Outcomes of Endoscopic endonasal transsphenoidal surgery for functional pituitary adenomas treated in a tertiary care hospital in South India".

5. Vivek Sharma. Presented a paper on "A retrospective study on factors affecting good surgical outcomes in patients of ACM with syringomyelia" and a poster on "Effect of cranioplasty on cerebral metabolism: A case series of 15 patients".

6. Jagtap Rukmaji Prakash. Presented a poster on "Anterior cervical disc arthroplasty (ACDA), anterior cervical discectomy and fusion (ACDF) done in a tertiary care hospital in South india- 7 years experience" and a poster on "Remote site intracranial hemorrhage: our 10 year experience at tertiary care centre".

104th Indian Science Congess at Tirupati during 3-7 January 2017.

1. Sudarsan A. Presented a poster on "Novel mutations observed in three different Indian neurofibromatosis type 1 families".

2. Sasank DM. Presented a poster on "A prospective study on use of intraoperative application of vancomycin powder in instrumented spinal fusion surgeries".

NSICON2017 at Nagpur during 30th November-3rd December 2017

1. Sudarsan A. Presented a paper on "Novel mutations discovered in meningioma patients operated in a tertiary care hospital".

2. Sasank DM. Presented a poster on "A prospective study on use of intraoperative application of vancomycin powder in instrumented spinal fusion surgeries".

21.7 Publications

1. Chandra VV, Prasad BC, Jagadeesh MA, Jayachandar V, Kumar SA, Kumar R. Segmental polymethylmethacrylate-augmented fenestrated pedicle screw fixation for lumbar spondylolisthesis in patients with osteoporosis - A case series and review of literature. Neurol India. 2017;65(1):89-95.doi: 10.4103/0028-3886.198229.

2. Khaja Naseruddin VS, Vijaya lakshmi Devi B, Prasad BCM, Rukmangada N, Lakshmi AY. Differentiation of typical from atypical and malignant meningiomas using diffusion weighted magnetic resonance imaging. J Clin Sci Res 2017;6:80-8.

21.8 Orations conducted by the dept.

1. The 5th Annual Cherukuri Narasimham and Subhadra Devi Chair oration was held on 08.03.2017. Dr V. Rajshekar, Professor of Neurosurgery, Dept. of Neurological Sciences, CMC, Vellore delivered the oration.

2. The 2nd Annual Srinivasa Neurosurgery Endowment oration was held on 17.10.2017 Dr D. Raja Reddy, senior consultant Neurosurgeon, Apollo Hospitals, Hyderabad, Ex-Director, NIMS, Hyderabad and delivered the oration.

21.9. Workshops attended

1. Dr K. Venkat, attended AIIMS annual complex spine workshop 2017 (AASW2017) at New Delhi during 16-18 November 2017.

2. Dr D.M. Sasank attended hands on workshop on Midas rex high speed drill system conducted by Medtronic at KIMS at Nellore on 9th June 2017.

3. Dr T. Srikanth attended pre conference work shop at 24th State conference of APNSA (Andhra Pradesh Neuroscientists Association)- APNEUROCON2017 at Nellore on 9th June 2017.

21.10 Other academic activities

Dr BCM Prasad, attended As MCI Inspector at

1. Himalaya Institute of Medical Sciences, Dehradun, Uttarakhand on 17th March 2017.
2. Pune, Maharashtra on 14th August 2017
3. Lucknow, Uttar Pradesh on 17th November 2017

As an external Examiner for M.Ch Neurosurgery at

1. Nizam's Institute of Medical Sciences, Hyderabad during 18-22 July 2017.
2. Trivandrum Medical College, Trivandrum during 25-26 July 2017.
3. Mamata Medical College, Khammam on 29th July2017.
4. Pune, during 2-4 August 2017.
5. As an expert teaching faculty for Neurological Society of India (NSI) at Chennai during 28-29 January 2017.

Dr BCM Prasad and Dr VV Ramesh Chandra addressed the Neuroclub at Visakhapatnam on 30th December 2017.

Dr BCM Prasad and Dr VV Ramesh Chandra were Chairpersons for Andhra Pradesh Neuroscientist's Association (APNSA)-APNEUROCON 2017 at Nellore during 9-11 June 2017.

22.0 DEPARTMENT OF NUCLEAR MEDICINE

Professor & Head
Dr T.C. Kalawat

Faculty

Dr Manishi L Narayan

Dr Ranadheer Gupta Mantri

Senior Residents

Dr V. Sai Krishna Mohan

Dr Ramya Priya .R

PG (MD) Junior Residents

Dr R. Amrutha Lakshmi
Dr L.C.N.D. Praveen
Dr S. Chandra Teja Reddy
Dr K.B. Sricharan
Dr Sk. Mehabunnisa
Dr S. Muneendra Kumar
Dr J. Sai Moulika

22.1 Awards, achievements and felicitations:

The following students were awarded in the conference at Society of Nuclear Medicine (I) Southern Chapter Conference, Kovai Medical Center and Hospital, Coimbatore during 12-13 August 2017.

1. **Dr R. Ramya Priya,** Senior Resident received 2nd prize for Arcot Gajraj Award in the category of Best Paper Presentation.
2. **Dr S.Muneendra Kumar,** PG Junior Resident secured the Bursary Award for Best Poster Presentation.
3. **Ms. K. Priyanka,** B.Sc., (NMT) Internship Student secured the Bursary Award for Best Poster Presentation.

22.2 Research Work

Theses Submitted

1. **Mehabunnisa Sk.** Evaluation of consistency of 18F-FDGPET-CT based Metabolic Tumour Volume in Primary Tumour of Non-Small Cell Lung Carcinoma with respect to time. (MD) Tirupati: Sri Venkateswara Institute of Medical Sciences: 2017.
2. **Amrutha Lakshmi R.** Utility of 18F FDG Brain PET-CT scan in evaluation of regional brain metabolism in patients with psychogenic non-epileptic seizures (PNES) (MD). Tirupati: Sri Venkateswara Institute of Medical Sciences: 2017.

Ongoing Thesis

1. Praveen LCND. Utility of 18 F-FDG PET/CT Scan in further management of locally advanced head and neck squamous cell carcinoma patients in post definitive chemo radiation setting (MD).
2. Muneendra Kumar S. Role of dual point F-18 FDG PET/CT in the initial staging and management of locally advanced carcinoma cervix (MD).

22.3 Conferences attended, lectures delivered

Dr T.C. Kalawat, attended the following:

1. 11th Biennial Nuclear Cardiological Society of India Conference-2017 National level as Organizing Chairman of the Nuclear Cardiological Society of India Conference (NCSI) at Pai Viceroy Hotel, Tirupati during 7-8 October 2017.
2. 49th Annual Conference of the Society of NuclearMedicine, India (SNMICON) 2017 and delivered a lecture on “Radiation concerns in Nuclear Cardiology - How much real, How much exaggerated?” at New Delhi during 14-17 December 2017.

Dr Manishi L. Narayan, attended the following:

1. 11th Biennial National Nuclear Cardiological Society of India Conference (NCSI) chaired a scientific paper session at Hotel Pai Viceroy, Tirupati during7-8 October 2017.

2. 49th Annual Conference of the Society of Nuclear Medicine, India (SNMICON) 2017 and Chaired a session, "Dedicated to Women in Nuclear Medicine" at New Delhi during 14-17 December 2017.

Dr Ranadheer Gupta Mantri, attended the following:

International

1. 5th Asia Pacific Neuro-endocrine Tumor Society (International) Conference at Mumbai during 26-28 October 2017.

National

1. SNM (I) Southern Chapter and presented a Guest Lecture on "Nuclear Medicine in Psychiatry: Experience" at Coimbatore during 13-14 August 2017.

2. 2nd World Rhenium Congress Conference at Kovai Medical Centre and Hospital, Coimbatore during 14-15 August 2017.

3. 11th Biennial National Nuclear Cardiological Society of India Conference(NCSI) as Organizing Secretary at Hotel PaiViceroy, Tirupati 7-8 October 2017

4. 2nd Indian Cancer Congress and delivered a guest lecture on "Role of SPECT-CT in Skeletal Imaging" at Bangalore during 8-12 November 2017.

5. 49th SNM India Conference and delivered a lecture on "Integration of IHC for increasing the accuracy of F18 FDG PET-CT scan" conducted by INMAS, at Manekshaw Convention Centre New Delhi on 16th December 2017.

Dr R. Ramyapriya, attended the following:

1. Presented a Paper on Utility of short acting IV insulin therapy in preparation of F-18 FDG PET-CT scan cancer patients incidentally detected with high blood glucose levels on the day of test at Indian Science Congress, SV University, Tirupati on 6th January 2017.

2. Presented a Paper on Utility of short acting IV insulin therapy in preparation of F-18 FDG PET-CT scan cancer patients incidentally detected with high blood glucose levels on the day of test Society of Nuclear Medicine (I) Southern Chapter Conference, Kovai Medical Center and Hospital, Coimbatore during 12th-13th August 2017.

22.4 Presentations by postgraduate students

Postgradutae students pursuing MD (Nuclear Medicine) presented the following papers/posters at:

49th Annual SNMICON-2017 Conference at New Delhi during 14-17 December 2017.

1. Muneendra Kumar S. Impact of F-18 FDG PET-CT on nodal volumes during RT planning in recently diagnosed cases of locally advanced Ca. Breast.

2. Chandra Teja Reddy S. Emerging indications and indispensable role of parathyroid scintigraphy with 99mTc-SESTAMIBI for localization of parathyroid adenoma: Review at SVIMS, Tirupati.

11th Biennial National Nuclear Cardiological Society of India Conference (NCSI) at Pai Viceroy, Tirupati during 7-8 October 2017.

1. Praveen LCND. Oral paper presentation on "Assessing Role of summed stress score of myocardial perfusion scan in predicting likely possibility of Epicardial CAD Vs. Subendocardial CAD".

2. Sailaja A. Radiopharmacist, Dept. of Nuclear Medicine, SVIMS has presented oral paper presentation on "Artifacts and pitfalls due to 99m-Tc Labeled radiopharmaceuticals in myocardial perfusion imaging".

22.5 Publications

1. Ranadheer Manthri, Tejonath Gadepalli, Deepthi Pathapati, and VVS Prabhakar Rao2"Interesting Skeletal Radiologic and Scintigraphic Outcomes and Their Logical Clinical Conclusions". Indian J Nucl Med. 2017; 32(4): 322–5.

2. Narayan R, Manthri RG, Thiruvengadaswamy K, Tyagi A, Kale PG, Kalawat T. Role of Samarium-153-ethylene diamine tetramethylene phosphonate radionuclide bone pain palliation in patients with metastatic bone disease. J Clin Sci Res 2017;6:89-94.

3. Archana Prathipati, Ranadheer Manthri, Bala

Subramanian, Pranabandhu Das, Swapna Jilla, Sangeetha Mani, Anitha J, Sarala S, Radhika Kottu, Tek Kalawat, Jagannath Rao KV. A Prospective Study Comparing Functional Imaging (18F-FDG PET) Versus Anatomical Imaging (Contrast Enhanced CT) in Dosimetric Planning for Non-small Cell Lung Cancer. Asia Oceana J Nucl Med Biol 2017; 5(2):75–84.

4. Hari Krishna Reddy Mogili,Anvil Kumar C.V, Sangeetha Lakshmi Boju, Aruna M, Ranadheer Gupta Mantri,Tekchand Kalawat, Ram R, Siva Kumar V. Tuberculous peritonitis diagnosed with the help of 18F-FDG PET/CT scan. Nephrology 2017;22(4):334–5.

5. Ranadheer Gupta Manthri,Mehabunnisa Shaik, Kalawat Tekchand,SivakumarV. Utility of Hilson's Perfusion Index in the evaluation of suspected Acute tubular Necrosis. Indian J Transplant 2017;11:171-3.

22.6 CMEs conducted

1. A CME was jointly organized on "Symposium on differentiated thyroid cancer" by Nuclear Medicine and Radiology at SVIMS, Tirupati on 21st January 2017. Prof. Dr V.V.S. Prabhakar Rao, Senior Consultant, Dept. of Nuclear Medicine, Omega Hospital, Hyderabad delivered guest Lecture on "Post surgery management of Differentiated Thyroid Carcinoma in Nuclear Medicine".

22.7 CMEs/Workshops attended

Dr Manishi L Narayana attended the SNM (India) Southern Chapter, World Rhenium Congress, Workshop/CME at Kovai Medical Centre and Hospital, Coimbatore, during 14-17 August 2017.

Dr M. Ranadheer Gupta, attended the following:

1. CME on Neuro Nuclear Medicine at NIMS Hyderabad on 29th January 2017.

2. CME on the occasion of Silver Jubilee Year at CMC,Vellore on 4th February 2017.

22.8 Other academic activities:

1. Dr M. Ranadheer Gupta attended Training Program for RSO-III at CMC Vellore during 10-31 January 2017.

2. Dr V. Sai Krishna Mohan, Dr Ramya Priya .R appeared for the R.S.O examination and qualified as R.S.O, conducted by the B.A.R.C./A.E.R.B, Mumbai, Govt. of India.

3. BSc (NMT) Course Students have attended the Radiation Safety Classes conducted at JIPMER, Pondicherry by Dr PankajTandon, Scientific Officer (G), Radiological Safety Division, Atomic Energy Regulatory Board, Mumbai during 3–6 May 2017.

23.0 DEPARTMENT OF OBSTETRICS & GYNECOLOGY

Professor & Head

Dr P.Indira Devi

Faculty

Dr Meenakshi Jain
Dr K. Vanaja
Dr S.R.Sree Gouri
Dr J.Malathi
Dr Sumavarsha
Dr Rajani Devi
Dr Usha Brindini

Senior Residents

Dr T.Veronica
Dr T.Pallavi
Dr E.Jahnavi
Dr M.Sandhya

Junior Residents

Dr P.Mohana Priya
Dr K.Kamala
Dr G.Rachana
Dr P.Rehana

23.1 Conferences attended, lectures delivered

1. **Dr Indira Devi P,** Participated as Panelist in discussions for management of PCOS at Bangalore, International Conference on PCOS during 16-18 June 2017.

2. **Dr Sumavarsha,** attended National Conference of Indian Society of Assisted Reproduction at Gurgaon during 21-23 April 2017.

23.2 Publications

1. **Malathi Jonna, Vijayalakhmi P, Penumuru Mohanapriya, Kathi Sowjanya.** The efficacy of CA125, resistant malignancy index (RMI) in diagnosing ovarian malignancies and its correlation with histopathology. Int J Sci Res 2017;6(9).

2. **Jonna Malathi, M. Usha Brindhini, Poola Vanaja.** Fetus papyraceus: a rare case report. International Journal of Contemporary Medical Research 2017;4(10):2064-5.

23.3 Workshops attended

Dr Indira Devi P, attended the workshop on World Congress on Geriatrics and Gerontology in November 2017.

Dr S.R.Sree Gouri, attended the workshop on New Revised Basic Course Workshop and the one Day Sesitization Programme on ATCOM Module at MCI Nodal centre, Vellore during 30th October - 2nd November 2017.

Dr Sumavarsha, attended the workshop on Hysteroscopy conducted by Dr Osama Shawki at Ferty 9 Hospital & Research Center at Hyderabad on 22nd June 2017.

23.4 Other academic activities

Dr Indira Devi P, attended as External Examiner

1. Osmania Medical College, Hyderabad during 8-13 February 2017.

2. Kilpauk Medical College, Chennai during 16-21 February 2017.

3. Thirunalveli Medical College, Tamilnadu during 24-26 May 2017.

4. Bangalore Medical College, Bangalore during 14-15 June 2017.

5. GSL Medical College, Rajamahendravaram during 12-13 August 2017.

Dr J. Malathi, Dr D.Rajani Devi attended the TLH training at Chennai during 16-18 March 2017

Dr Sumavarsha, attended 6 months Infertility training Ferty 9 Hospital & Research Center, Hyderabad. October 2016-March 2017.

24.0 DEPARTMENT OF OPHTHALMOLOGY

Professor & Head
Dr Krishna Murthy

Faculty
Dr K.Swathi
Dr P.Prabhanjan Kumar

Tutors
Dr K.Radha Krishna Murthy
Dr M.Venkateswarlu

Junior Resident
Dr K.Rashmitha Reddy

24.1 Research project

Ongoing Research project

Dr K. Swathi as Principal Investigator

1. Ocular manifestations of CKD (No funding).
2. A study on Intra ocular pressure in Grave's Diseases (No funding).

24.2 CMEs/ Workshops attended

Dr P.Prabhanjan Kumar, attended the following:

1. Glaucoma Retina Cornea Zonal CME conducted by NTRUHS at Hotel Minerva Grand, Tirupati in June 2017
2. Indian Intra ocular Implant and Refractive Surgery at ITC Grand Chola, Chennai during 8-9 July 2017.

Dr K.Radha Krishna Murthy, Dr M.Venkateswarlu Murthy, attended "Emergency Viral Infection in India" at SVIMS, Tirupathi on 22nd November 2017

25.0 DEPARTMENT OF OTO-RHINO-LARYNGOLOGY

Professor & Head
Dr V.Venkateswarlu

Faculty

Dr S.B. Amarnath

Dr M.Lakshmi Prathima

Senior Residents
Dr V. Ravindranath Tagore
Dr P.Bhanu Pradeep

Junior Residents
Dr P.Anupama
Dr G.Krishna Kanth

25.1 Research project

Ongoing Research project

1. **Co-investigator:** Dr Venkateswarlu V. **Title:** A clinical comparison of topical ciprofloxacin versus neomycin in CSOM patients presenting to SVIMS/ SPMC(W) Hospital, Tirupathi **(No funding).**

25.2 Conferences attended

1. **Dr S.B. Amarnath, Dr M. Laskhmi Prathima, Dr P.Bhanu Pradeep, Dr V. Ravindranath Tagore and Dr P.Anupama,** attend 36th Annual conference of AOIAP at Vijayawada during 15-17 September 2017.

2. **Dr S.B. Amarnath,** attend 15th Annual Conference of Cochlear Implant Group of India at Visakhapatnam during 2 - 4 November 2017

25.3 Publications

1. Venkateswarlu V, Rachna Reddy B, Harihar Ch, Veena Kumari L. Prevalence of Psychological Stress in Allergic Rhinitis Patients Attending a Tertiary Care Hospital - A Cross Sectional Study. MRIMS J Health Sciences 2017;5(3):103-5.

25.4 CME attended

1. **Dr S.B.Amarnarth,** attended CME "ENTrain" organised by Kempegowda Institute of Medical Science (KIMS) at Bangalore during 22-23 July 2017.

25.5 Other activities

1. **Dr V.Venkateswarlu,** attend as External Examiner and conducted clinical and oral examinations for Final MBBS part-I ENT student at Narayana Medical College, Nellore during 8-9 September 2017

26.0 DEPARTMENT OF PAEDIATRICS

Assistant Professor & Head
Dr Puneeth Patak Nagaram

Faculty

Dr P.Sudha Priya
Dr B.Ravi Chandra
Dr S.Kiran Kumar
Dr Rinu Dwivedi

Senior Residents
Dr G.Sai Prasanna
Dr Bhavani Deepthi

Junior Resident
Dr Mohamed Faizuddin

26.1 CMEs attended

Dr P.Sudha Priya, attended a CME on Emerging Viral Infection in India at SVIMS, Tirupati on 22nd November 2017.

Dr S.Kiran Kumar, attended the following:

1. Outreach Respiratory Infections at Tirupati on 16th November 2017.
2. Nutrition and Infant Cognition at Tirupati on 8th December 2017.
3. Invasive Meningococcal Disease and Prevention at Tirupati on 22nd December 2017.

Dr S.Kiran Kumar, Dr P.Sudha Priya, attended the following:

3. Principles of Management of Dengue Fever, at Tirupati on 14th June 2017.
4. Vaccine update-MMRV, at Tirupati on 15th July 2017.
5. Approach to cough in children at, Tirupati on 17th October 2017.

Dr S.Kiran Kumar, Dr P.Sudha Priya, Dr Rinu Dwivedi, attended CME on Hematopoetic Stem cell transplantation at Tirupati on 17th August 2017.

Dr Rinu Dwivedi, attended CME on "Infant Cognition and Maturation" at Tirupati on 19th August 2017.

27.0 DEPARTMENT OF PATHOLOGY

Professor & Head
Dr Aruna Prayaga

Faculty

Dr B.V. Phaneendra	Dr V.Siva Kumar	Dr A.Sreelekha
Dr Amit Kumar Chowhan	Dr M.Alekhya	Dr B. Deepthi
Dr N.Rukmangada		

Senior Residents

Dr E.Diyva	Dr B.Mallikarjun	Dr P.Divya Sai
Dr C.S.Praveen	Dr G.Sai Chandana	

Tutors

Dr B.Suguna	Dr P.Architha	Dr E.Krishna Chaithanya
Dr B.Vishnu Priya	Dr U.Divya Sree	Dr B.Soumia

27.1 Awards, achievements and felicitations

1. **Dr Aruna K Prayaga** Professor and Head was elected President of Indian Academy of Cytologists and editorial board member of Acta Cytologica, Journal of Cytology.

2. **Dr B.Soumia,** Tutor won 2nd prize for paper presentation in CYTOCON titled "Hydatid Cyst : Unusual site, unusual presentation" at Shillong, Meghalaya during 10-13 November 2017.

27.2 Research Projects

Ongoing research projects

1. **Principal Investigator:** Amit Kumar Chowhan, **Title:** Significance of dual staining with P63 & AMACR for diagnosing adenocarcinoma in prostatic small needle TRUS biopsies. **No Funding.**

27.3 Research work

Thesis Submitted

1. Praveen CS. Cytoaccuracy of the Bethesda reporting system for thyroid (TBSRTC) – A prospcective study (MD). Tirupati: Sri Venkateswara Institute of Medical Science; 2017.

2. Divya E.Detection and analysis of Helicobacter pylori by different staining methods in gastric tissues (MD). Tirupati: Sri Venkateswara Institute of Medical Science; 2017.

Ongoing thesis work

1. Suguna B. Utility of Intraoperative Squash Cytology for the Diagnosis of Central Nervous System Lesions (MD).

2. Vishnu Priya Bukya. Comparative study of Robinson's cytomorphological Grading with Elston-Ellis Modification of Scarff-Bloom-Richardson Histopathological Grading for Breast carcinoma (MD).

3. Architha P. Study of Immunohistochemical profile of Nodal Non Hodgkin Lymphoma in a tertiary care centre (MD).

Thesis work done in collaboration with other departments as Co-guide.

Thesis submitted

Dr Amit Kumar Chowhan, was Co-guide for the following theses of

1. Muthu. Analysing biochemisty parameters, FNAC, frozen & final histology for diagnosing malignant thyroid lesions (MCh). Tirupati: Sri Venkateswara Institute of Medical Science; 2017.

2. Vijayalakshmi. Ultrastaging of early stage cervical cancer using sentinel lymph node biopsy (MCh). Tirupati: Sri Venkateswara Institute of Medical Science; 2017.

3. Pettikota Masthan Basha. A prospective study of comparison between three dimensional conformal radiotherapy (3D CRT) and intensity modulated radiotherapy (IMRT) in locally advanced head and neck cancers (MD). Tirupati: Sri Venkateswara Institute of Medical Science; 2017.

4. Ramesh Reddy R. Pospective randomized study of short course radiotherapy versus long course chemoradiation therapy in locally advanced rectal cancer (MD). Tirupati: Sri Venkateswara Institute of Medical Science; 2017.

5. Praveen LCND. Utility of 18-F FDG PET/CT Scan in further management of locally advanced head and neck squamous cell carcinoma patients in post definitive chemoradiation setting. (MD). Tirupati: Sri Venkateswara Institute of Medical Science; 2017.

6. ChandraTeja Reddy S. Utility of18F-FDG PET/CT in pancreatic and periampullary neoplasms. (MD). Tirupati: Sri Venkateswara Institute of Medical Science; 2017.

27.4 Conference attended, lectures delivered

Dr B.V.Phaneendra, attended the NPSICON 2017 conference at NIMHANS Bangalore during 21-23 April, 2017.

Dr Amit Kumar Chowhan, attended the National Conference of Neuropathology - NPSICON 2017 and present a Poster on "Recurrent Melanocytoma in spinal cord" at NIMHANS, Bangalore during 22-23 April 2017.

Dr N.Rukmangadha, attended the following:

1. Best of 14-ICML LUGANO-2017 at Mumbai during 30 June – 02 July 2017

2. AIIMS Glomerulonephritis Conclave-2017 at AIIMS, New Delhi during 27-29 October 2017.

Dr V.Siva Kumar, attended the conference held by Nuclear Cardiology Society of India at Sri Padmavati Mahila Visvavidyalayam, Tirupati during 7-8 October 2017.

Dr B.Suguna, Dr B.Vishnu Priya, Dr P.Architha, Dr U.Divya Sree, Dr E.Krishna Chaithanya, Dr B.Soumia, attended 2nd IAPM state conference at Pinnaminani Siddartha Medical College, Vijayawada during 8- 10 August 2017.

Dr P.Architha, Dr U.Divya Sree, Dr E.Krishna Chaithanya, attended International CME on Gynaecological pathology conducted by Basavatharakam Hospital, Hyderabad at Cyber conventions during 4-5 November 2017.

Dr B.Suguna, Dr B.Vishnu Priya, Dr B.Soumia, attended National CYTOCON CME conference, Workshop at Shillong, Meghalaya during 10-13 November 2017.

Dr C.S.Praveen, Dr B.Mallikarjun, Dr G.Sai Chandana, attended Conference held by Nuclear Cardiology Society of India during 7-8 October17.

27.5 Presentation by Postgraduate students

Postgraduate students pursuing (MD) Pathology presented the following papers / posters at:

IAPM state conference at Pinnamaneni Siddartha Medical College, Vijayawada on 9th September 2017.

1. Suguna B. Role of Squash Cytology in the Diagnosis of CNS lesions.

2. Vishnu Priya B. Correlation between Cytological & Histological grading of breast carcinoma & its role in progress.

3. Architha P. Study of Renal Cell Carcinoma with Special Emphasis on papillary RCC.

4. Vishnu Priya B. Presented oral papers on "A comparative study of two cytological grading systems in breast carcinoma and correlate it with histological grading" and "Correlation between Cytological & Histological grading of breast carcinoma & its role in progress".

5. Divya Sree U. "Profile of primary Brain and Spinal Cord tumors from tertiary referral centre" at state conference.

6. Krishna Chaithanya E. Lhermitte – Ducloce disease-A rare case report.

7. Soumia B. Unusual presentation of Malignant Mesothelioma.

National CYTOCON conference at shilling on 12th November 2017.

1. Suguna. Utility of Squash Cytology in the Diagnosis of Glial lesion.

27.6 Publications

Original articles

1. Pranabandhu Das, Sanjukta Padhi, Surendra Nath Senapati, Amit Kumar Chowhan. A prospective study of comparison between concomitant boost radiotherapy and conventional fractionated radiation in treatment of laryngeal cancer in a tertiary care Institute of East India. Int J Sci Res (Ahmedabad) 2017;6:41-4.

2. K Jayasree, D Pranabandhu, K.V.N. Jagannathrao, J Swapna, M Sangeetha, A. Y. Lakshmi, Amit Chowhan, V.L.K. Anusha, B.R.Sreenivasa, B.V.Subramanian. A Dosimetric comparison of IMRT versus 3D–CRT of chest wall in post mastectomy breast cancer patients: A Prospective Study. Int J Sci Res (Ahmedabad) 2017;6:27-9.

3. Krishna Mohan VS, Manishi L Narayan, Arun, Mukka Bharath Bachimanchi, Amit Kumar Chowhan, B Vijayalakshmi Devi, Suresh Vaikkakara, Alok Sachan. Atypical Parathyroid Adenoma with Multiple Brown Tumors as Initial Presentation: A Rare Entity. Indian Journal of Nuclear Medicine 2017;2:133-6.

4. Agarwal P, Kadiyala S, Suresh V, Chowhan A, Lakshmi AY, Vijayalakshmi B. Application of Society of Radiologists in Ultrasound recommendations for fine needle aspiration of thyroid nodules. J Clin Sci Res 2017;6:10-17.

5. Ramana Reddy Naru, Narendra Hulikal, Rukmangadha Nandyala, Vijayalakshmi Devi Bodagala-The Importance of Comprehensive Surgical Staging Including Para-Aortic Lymph node Dissection of Presumed Early Stage Epithelial Ovarian Cancer: A Contemporary Prospective Evaluation. Journal of Gynecological Surgery,

Accepted for publication

1. Rajasekhar S, Rukmangadha N, Phaneendra BV, Narendra H, Mutheeswaraiah Y. Value of CK-19, HBME-1 and Galectin-3 immunostaining in the diagnosis of thyroid neoplasms" Accepted for publication in Journal of Laboratory Physicians.

27.7 CMEs/Workshops/Oration conducted.

1. Joint CME with Dept of Forensic medicine on medical negligence and Autopsy Vs Virtual Autopsy on 4th March 2017.

2. Balaji gold medal chair oration in pathology on 18th March 2017.

3. Delivered a lecture on "Biological Hazards: Tissue Handling in Pathology" in the workshop on laboratory safety at SVIMS, Tirupati on 22nd October 2017.

27.8 CMEs attended

Dr Phaneendra, 2nd midterm CME IAPM-AP Chapter Hepatobiliary-Pancreatic Pathology at Govt Medical College, Ananthapur on 24th March 2017.

Dr Amit Kumar Chowhan, attended the following:

1. CME on “Glucocorticoids in Clinical Practice – A Critical Appraisal” at SVIMS, Tirupati on 4th March 2017.

2. National Conference of Neuropathology - NPSICON 2017 at NIMHANS, Bangalore during 22- 23 April 2017.

Dr N.Rukmangadha, attended the following:

1. 2nd midterm CME IAPM-AP Chapter Hepatobiliary-Pancreatic Pathology, Govt Medical College, Ananthapur on 24th March 2017.

2. GMHS CME on Haematology at Pune, Maharastra. during 15-16 April 2017

3. Best of 14-ICML LUGANO-2017 at Mumbai during 30 June – 02 July 2017

4. AIIMS Glomerulonephritis Conclave-2017 at AIIMS, New Delhi during 27-29 October 2017

5. CME on "Glucocorticoids in Clinical Practice – A Critical Appraisal" in SVIMS, Tirupati on 4th March 2017.

Dr V.Siva Kumar, attended the following:

1. Speaker in CME on Autopsy Vs Virtual Autopsy jointly organized by the depts. of Pathology and Forensic Medicine at SVIMS on 5th August 2017.

2. Zonal CME for PG Students conducted by Dept.of Pathology, SVIMS, Tirupati on 6th August 2017.

3. Conference held by Nuclear Cardiology Society of India during 7-8 October 2017.

4. Delivered a lecture on "laboratory hazards " in the workshop on laboratory safety at SVIMS, Tirupati on 22nd October 2017.

Dr M.Alekhya, attended International CME on Gynaecological pathology conducted by Basavatharakam Hospital, Hyderabad at Cyber conventions during 4-5 November 2017.

27.9 Other academic activities

Dr Aruna K Prayaga

(i) Dr P.N Wali Oration annual cytology conference, Shillong in 2017

(ii) Brig NM Roy Memorial Oration at West Bengal Chapter, Siliguri in 2017

Dr Amit Kumar Chowhan

1. Reviewer for Journals: Reviewed 16 articles. Journal of Cytology (12 articles), Cytojournal (3 articles), Journal of Clinical and Scientific Research (2 articles).

2. External Examiner for MBBS University Exam at MIMS, Vijayanagaram, during 10 – 12 March 2017.

3. Life Membership, Indian Society of Neuro-Oncology (ISNO-316 / date:13.01.2017).

4. 8th Revised Basic course workshop and 'ATCOM' training at CMC Vellore during 25-28 July 2017. [6 Credit hours of Category 3 CME credits by Tamil Nadu Medical Council, Chennai].

5. NABH training on 'Implementation in hospital'at Hyderabad during 12-14 October 2017.

Dr N.Rukmangadha

1. Conducted slide seminars on Bethesda reporting in thyroid cytology and Haematology in the regional CME conducted by Shanti Ram Medical college, Nandyal, Kurnool Dist on 7th May 2017.

2. External examiner for IInd MBBS examination at Fathima Medical College, Kadapa.

Dr E.Divya, Dr C.S.Praveen, attended SPAARC training programme conducted by Dept. of Pathology, SRMC, Chennai during 4-7 January 2017.

28.0 DEPARTMENT OF PHARMACOLOGY

Professor & Head
Dr K. Umamaheswara Rao

Faculty

Dr K.R. Subash
Dr K. Vijayachandra Reddy
Dr G. Bhanuprakash
Dr C. Pallavi

Tutors

Ms T. Hemapriya
Mr N. Manjunath
Dr K. Nagavishnu

Pharmacovigilance Associate
Dr P.S.S. Durga Devi

28.1 Awards & Achievements

Dr K. R. Subash, Associate Professor was awarded **Best paper** in IPTCON 2017 at Sri Padmavathi Mahila University, Tirupati at a UGC-Sponsored National Conference during 6-7 February 2017

Ms. S. Hari Priya, MBBS student won the **Best Paper** award at EQUINOX-2017 at Sri Ramachandra University Chennai on 8th July 2017 (Guide: Dr K.R.Subash)

28.2 Research Project Completed

Principal Investigator: Ms. S.Hari Priya **Title:** Computational analysis and insilico drug optimization of non selective beta blockers on beta-3 adrenergic receptors. Tirupati: Sri Venkateswara Institute of Medical Sciences-SPMC(W); 2017 under the guidance of Dr K.R.Subash. **Funding Agency:** STS-ICMR.

28.3 Guest Lectures delivered

Dr K.R. Subash, delivered lectures on

1. Applied Pharmacology for Post Graduate Students at National Rapid Review Programme 2017 at CKS Teja Institute of Dental Sciences and Research, Tirupati on 23rd January 2017.
2. Skills in Patients Care for Pharmacy Practice at National Symposium on Practice and Clinical Pharmacology, SVIMS-SPMC(W) & Sri Vidyanikethan College of Pharmacy, Tirupati during 24-25 November 2017.

Dr K. Vijaya Chandra Reddy, delivered lectures on:

1. Pharmacovigilance- Need of the hour at Pharmacovigilance & reporting of adverse drug reactions workshop conducted by Dept. of Pharmacology, SVIMS-SPMC(W), 20th September 2017, Tirupati.
2. Clinical Pharmacokinetics-concepts and applications at National Symposium on Practice and Clinical Pharmacology, SVIMS-SPMC(W) & Sri Vidyanikethan College of Pharmacy, Tirupati during 24-25 November 2017.

Dr G. Bhanu Prakash, delivered a lecture on "Pharmacology of Glucocorticoids – available drugs & their formulations" in the CME on "Glucocorticoids in clinical practice: a critical appraisal" jointly conducted by Endocrinology, Biochemistry & Pharmacology departments of SVIMS, Tirupati on 4th March 2017.

28.4 Publications

1. Francis Britto G, Subash KR. The effect of student centered pharmacology teaching in the form of clinical case scenario among M.B.B.S students Int J Basic Clin Pharmacol. 2017 Feb;6(2):458-61 .
2. K Vijaya Chandra Reddy, Somnath Motgi. Comparative study of Griseofulvin versus Terbinafine in treatment of Tinea Corporis Patients. MRIMS J Health Sciences 2016;4(4):189-93.
3. Vijaya Chandra Reddy Konda, G. Bhanu Prakash, K. R. Subash, K. Umamaheswara Rao. Second year medical students' feedback on teaching-learning methodologies and evaluation methods in

Pharmacology: a questionnaire based study. Int J Basic Clin Pharmacol 2017;6:1311-6.

28.5 Workshops/Seminars conducted

1. Workshop for II MBBS students on "Cardio Pulmonary Resuscitation" on 6th June 2017.
2. Workshop for Pharm -D students on "Pharmacovigilance and Reporting of Adverse drug Reactions" was conducted on 20th September 2017.
3. National Symposium on "Pharmacy Practice and Clinical Pharmacology" during 24-25 November 2017.

28.6 CMEs Workshops/Conference attended

Dr K. Umamaheswara Rao, attended CME on "Anemia" jointly organized by Physiology, Medicine & Haematology departments of SVIMS, Tirupati on 1st July 2017.

Dr K.R Subash attended the "Path to Pharma Career"-International workshop on career plans and soft skills in Pharma industry, at Osmania Medical College –Hyderabad during 7-8 July 2017.

Dr K.Vijaya Chandra Reddy, attended the following:

1. National Conference on Trends in Cancer Research under One Health Concept at SV Veterinary University, Tirupati during 4- 6 February 2017.
2. National Workshop on Clinical Research Methods at SRM Medical College Hospital & Research Centre during 14-16 September 2017.
3. National Workshop on Drug Discovery Technology A Molecular Modeling, Simulations & Dynamics Approach at JIPMER, Puducherry during 30 November – 2 December 2017.

Dr G. Bhanu Prakash attended the following:

1. National Workshop on "Pharmacoeconomics" organized by Pondicherry Institute of Medical Sciences at Puducherry during 18-19 June 2017.
2. CME on "Anemia" jointly organized by Physiology, Medicine & Haematology departments of SVIMS, Tirupati on 1st July 2017.
3. Workshop on Pharmacovigilance & reporting of adverse drug reactions at SVIMS- SPMCW, Tirupati on 20th September 2017.

Dr K. Umamaheswara Rao, Dr K.R Subash, Dr K.Vijaya Chandra Reddy, Dr G. Bhanu Prakash, Mr. K. Manjunath, attended National Conference (IPTCON-2017) on "Current Challenges in Drug Discovery and Development" organized by Institute of Pharmaceutical Technology, Sri Padmavathi Mahila Visvavidyalayam, Tirupati during 6-7 February 2017

Mrs T. Hemapriya attended International Conference of Indian Pharmacological Society at Pondicherry during 4-5 July 2017.

28.7 Other Academic Activities:

Department of Pharmacology guides the Clinical Practice to PharmD students of three pharmacy colleges as per their curriculum:-

1. Sree Vidyanikethan College of Pharmacy
2. Seven Hills College of Pharmacy
3. Krishna Teja Pharmacy College

Department of Pharmacology conducted Quiz competition for Under Graduate MBBS students on 21st September 2017

Dr K. Umamaheswara Rao was the External Examiner for UG Examinations at Fathima Medical College, Kadapa in March 2017

Dr K.R. Subash attended the following:

1. External Examiner for UG Examinations at Kilpauk Medical College, Chennai in January 2017.
2. Resource person "Pharmacovigilance – Need of the Hour" in the Workshop on "Pharmacovigilance & Reporting of Adverse Drug Reactions" conducted by Dept. of Pharmacology, SVIMS Sri Padmavathi Medical College for Women on 20th September 2017.
3. Presented a topic on "Skills in Patients care for Pharmacy Practice" in National Symposium on "Pharmacy Practice and Clinical Pharmacology" organized by SVIMS Sri Padmavathi Medical

College for Women & Sree Vidyanikethan College of Pharmacy, Tirupati during 24-25 November 2017.

4. Appointed as Asst. Dean – Students Affairs.

Dr K.Vijaya Chandra Reddy, attended as External Examiner for BDS course, Dr NTR University of Health Sciences at Sibar Institute of Dental Sciences, Guntur, during 10-14 July 2017.

Quiz conducted for MBBS students sponsored by JAYPEE Publications, Hyderabad on 21st September 2017.

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 (Assistant prof. of Pharmacology) is the deputy coordinator & is supported by PVPI representative Dr P.S.S.Durga Devi as a Patient Safety Pharmacovigilance Associate. Total 628 Adverse Drug Reactions were reported from various departments of SVIMS from January, 2017 to November, 2017.

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. 34 ADR notification drop boxes (red boxes) were fixed in all IPDs & OPDs of SVIMS and Sri Padmavathi Medical College Hospital.
4. Sensitization programmes to various clinical departments are done periodically.
5. Conducted workshop on "Pharmacovigilance & ADR Reporting" for fifth year Pharm-D students on 20-09-2017.
6. Assigned research projects to Pharm-D students in Pharmacovigilance.
7. Conducting monthly review meeting on Pharmacovigilance activities on the first Friday of every month.
8. Visiting peripheral hospitals like Balaji Institute of Research and Rehabilitation for the Disabled (BIRRD) Hospital to improve ADR reporting.
9. Sensitization programme to school teachers, students on deworming day, which was conducted on 10-02-2017.

Causality Assessment Committee:

Causality Assessment Committee (CAC) was constituted on 21-10-2016 to establish a causal relationship between the adverse events and drugs of the reported cases.

The following are the members of CAC:

1. Dr K.Umamaheswara Rao, Prof & Head of Pharmacology - Chairman
2. Dr B.Siddhartha Kumar, Prof. of Medicine - Member
3. Dr K.Vijaya Chandra Reddy, Asst. Professor of Pharmacology – Member

The committee meets in the timely manner and is responsible for causality assessment of each reported case.

29.0 DEPARTMENT OF PHYSIOLOGY

Professor & Head
Dr Sharan B Singh M

Faculty

Dr N.Sharvani
Dr Arpana Bhide
Mr.K.Munisekhar
Mrs.K.Swathi

Tutors
Mrs.K.Pujitha
Mrs.M.Hari Priya

Research Scholar
Mr K.Munisekhar

29.1 Dissertation work

Ongoing Dissertation work

3. **Pushpalatha** T. A Study of Physiological Principles of Membrane transport characteristics with the help of peritoneal equilibration test and its application in the dialysis prescription for the patients of end stage renal disease on chronic peritoneal dialysis program (MSc).
4. **Harshavardhan Naik E.** Early diagnostic of diastolic dysfunction in asymptomatic type 2 diabetics mellitus (MSc).

29.2 CME's conducted

A CME on "Anemia" Jointly organized by Depts. of Physiology, Medicine and Haematology on 1st July 2017.

29.3 Other academic activities

Dr Sharan B Singh M, attended the following:

1. As a External Examiner for DNB examination at BMCRI, Bangalore during 24-27 March 2017
2. As a Chairman for University Sports Board for a period of two years at SVIMS, Tirupati w.e.f. 1st July 2017
3. PG examiner at BMCRI, Bangalore during 3-5 July 2017.
4. An examiner for 1st year MBBS Practical Examination at SVMC, Tirupati during 7-9 September 2017 and 8th December 2017.
5. An examiner for 1st year MBBS Practical Examiner at RIMS, Kadapa on 7th December 2017
6. Chair Person for CME on Nuclear Medicine at SVIMS, Tirupati,
7. Purchase committee member at SVIMS, Tirupati
8. Mega CPR-Community CPR Program at SVIMS, SPMC (W) on 14th December 2017

Dr N. Sharvani, attended the following:

1. As a External Examiner for 1st year MBBS practical examination at JSS College at Mysore during 4-7 August 2017
2. As examiner for 1st year MBBS practical examination at Sri Venkateswara Medical College, Tirupati during 1-6 September 2017.
3. 2nd contact session of ACME (Advanced course in medical education) regional Center, CMC, Vellore during 9 -12 September 2017.

Dr Arpana Bhide, attended the following:

1. Mega CPR-Community CPR Program at SVIMS, SPMC (W) on 4th November, 2017
2. As an External Examiner for 1st year MBBS Practical examinations at RVS Medical College, Chittoor on 8th December 2017.

Mr K.Munisekhar, Mrs K.Swathi, Mrs M.Hari Priya, attended Mega CPR-Community CPR Program at SVIMS, SPMC (W) on 14th December 2017

"1st A.P. State Level Quiz in Physiology HAYAGREEVA – 2017"

The "1st A.P. State Level Quiz in Physiology HAYAGREEVA – 2017" was conducted by department of Physiology for 1st year MBBS students of 13 colleges in A.P State on 21st April 2017.

"2nd Inter College Seminar"

The "2nd Inter College Seminar" was conducted by department of Physiology for 1st year MBBS students of 7 colleges i.e. SVIMS - SPMC(W), Tirupati, SVMC, Tirupati, RIMS, Kadapa, AIMSRC, Chittoor, ACSR, Nellore, Narayana Medical College, Nellore and PES Medical College, Kuppam participated on 15th December 2017.

30.0 DEPARTMENT OF PSYCHIATRY

Professor & Head
Dr T. Padma Sudhakar

Faculty
Dr B. Shivanandh

Junior Resident
Dr Kavya Gandha Dr K.Sowjanya

30.1 Awards achievements and felicitations

1. **Dr T.Padma Sudhakar,** was awarded prestigious Dr D.S.Raju oration on Antenatal factors of Psychiatric Disorders in July 2017.

2. **Dr T.Padma Sudhakar** was felicitated by S.V.Medical college Psychiatry alumni at Nellore in December 2017

30.2 Publications

1. Sagar R, Pattanayak RD, Chandrasekaran R, Chaudhury PK, Deswal BS, Lenin Singh RK, Malhotra S, Nizamie SH, Panchal BN, Sudhakar TP, Trivedi JK, Varghese M, Prasad J, Chatterji S. Twelve-month prevalence and treatment gap for common mental disorders: Findings from a large-scale epidemiological survey in India. Indian J Psychiatry 2017;59(1):46-55.

30.3 Other academic activities

DrT.Padma Sudhakar, attended the following:

1. CME chairperson and organised annual conference of Indian psychiatric society pre conference workshop at Raipur, Chattisgarh on 5th January 2017

2. Faculty in the PG training programme organized by Sri Ramachandra Medical Center, Chennai on 26th March 2017.

3. Organizing chairman for IPS AP chapter annual conference at Ananthapuram in July 2017

4. Delivered a talk on Epigenetics in Psychiatry at Nellore mind club September 2017

5. The president for the Indian psychiatric society south zone for the year 2017-18 at Wayanadu, Kerala on 27th October 2017.

6. Delivered presidential address on spirituality and psychiatry, and delivered a lecture on post traumatic stress disorder and treatment options at IPSOCON 2017

7. Delivered a guest lecture on compliance in psychiatry in the NTR-UHS zonal CME organized by dept.of Psychiatry at SV Medical College, Tirupati

31.0 DEPARTMENT OF RADIO-DIAGNOSIS

Professor & Head
Dr A.Y. Lakshmi

Faculty

Dr B. Vijayalakshmi Devi
Dr Silpa Kadiyala
Dr Pavan Kumar G.Kale
Dr Chaitanya Deep DSJ

Senior Residents

Dr S.Bhaskara Rao
Dr Poonam Agarwal
Dr Vineel Inampudi
Dr Sandhya

Tutor cum PG Junior Residents

Dr G.P. Venkat Chowdary
Dr N. Hareesh Babu
Dr Ashok Hussain Karumanchi
Dr Sathyanarayana
Dr Siva Sahas Reddy
Dr B. Chandana
Dr Harikishore Kamepalli
Dr N.Suneel
Dr S.Vinod Kumar
Dr K. Kiran Kumar
Dr S. Theja

31.1 Awards, Achievements and Felicitations

1. Dr Silpa Kadiyala, was received **"Dr Ashok Mukharjee Award"** from Indian Radiological Imaging Association (IRIA) presented a paper at 70th Annual conference, Jaipur in January 2017.
2. Dr Poonam Agarwal, Senior Resident was awarded **Gold medal** for the best outgoing MD Resident (Dr Suneetha & Dr Subramanyam Gold medal) of SVIMS for the year 2017.
3. Dr G.P. Venkat Chowdary, PG Junior Resident was awarded
   - **2nd Prize** in quiz in Andhra Pradesh Radiology physics course held in NRI Medical College Mangalagiri on 24th June 2017.
   - **Dr Madapal Gold medal** in Telangana State Annual conference at Hyderabad on 14th October 2017.
   - **2nd place** in spotter session in Telangana state IRIA conference at Hyderabad during 13-15 October 2017.

31.2 Fellowships Received

1. Dr Silpa Kadiyala, Associate Professor was awarded **"Fellow of Royal college of Radiology (FRCR)"** Degree by the Royal College, London in April 2017 .

31.3 Research Work

Thesis submitted

1. Venkat Chowdary GP.Perfusion weighted Imaging and Diffusion weighted imaging in differentiating ring enhancing lesions in brain (MD). Tirupati: Sri Venkateswara Institute of Medical Science; 2017
2. Hareesh Babu. Accuracy of pre operative ultra sonography in measuring tumor thickness and predicting the incidence of cervical lymphnode metastasis is oral cancer (MD). Tirupati: Sri Venkateswara Institute of Medical Science; 2017.

Ongoing thesis work

1. Hari Kishore. An observational Study of Pre and Post contrast MRI features of invasive breast Carcinoma (MD).
2. Ashok Hussain. Role of MRI in pre operative assessment of Rectal carcinoma with regard to local staging , circumferential resection margin and mesorectal fascial involvement (MD).

31.4 Conferences attended / Lectures delivered

Dr A.Y.Lakshmi attended the following:

1. Presented a poster on VITROPSY in Indian Science

Congress at Tirupati during 3-7 January 2017.

2. Delivered guest lecture on "CT Pulmonary Angiography" in 11th Biennial Nuclear Cardiological Society of India at Tirupati during 7-8 October 2017.

Dr B.Vijayalakshmi Devi, attended the following:

1. Presented paper on MRI in acute pyelonephritis in Indian Science Congress at Tirupati during 3-7 January 2017.

2. Delivered guest lecture on CT coronary Angiography in CAD in 11th biennial Nuclear Cardiological Society of India at Tirupati during 7-8 October 2017.

Dr Sarala presented a poster on Innovative Technologies in Radiology in Indian Science Congress at Tirupati during 3-7 January 2017.

Dr Silpa Kadiyala, attended the following:

1. National Conference of IRIA and presented a proferred paper on Application of Society of Radiologists in Ultrasound Recommendations for FNA of thyroid nodules at Jaipur during 5-8 January 2017.

2. Delivered guest lecture on Imaging in Para Nasal Sinuses in RARE conference at SRMC, Chennai on 4th February 2017.

3. Delivered a guest lecture on Picture Archiving and Communication Systems (PACS) at AP physics course at NRI Medical College, Mangalagiri on 24th June 2017.

Dr B.Vijayalakshmi Devi and Dr Silpa Kadiyala conducted Annual quiz in 3rd AP State IRIA Conference of Abdominal and Women's imaging conducted at Tirupati during 19-20 August 2017.

31.5 Presentations by Postgraduate students

Postgraduate students pursuing MD (Radiodiagnosis) presented the following papers / posters at:

IRIA national conference at Jaipur during 5-8 January 2017

1. Poonam Agarwal. Presented poster on Localization of infected cysts in patients with poly cystic kidney Disease our experience using DWI and paper on "Abdominal aortic calcifications, its association with carotid disease and cardiac vascular degenerative disease with calcification in end stage Renal Disease.

2. Karthik. Added value and diagnostic performance of SWI and DWI in characterization of space occupying lesion of brain.

3. Bhaskar. Diffusion weighted MR imaging in the detection of Renal infection observation study.

3rd State IRIA conference at Tirupati during 19- 20 August 2017.

1. Venkat Chowdary GP. Adult onset intussuception.

2. Hareesh Babu. Role of computed tomography in diagnosis of emphysematous pyelonephritis and the impact of CT findings in Management of emphysematous pyelonephritis.

3. Ashok. Pictorial essay of adrenal lesions.

31.6 Publication

Indexed Journals

1. Jayasree Kuna, Pranabandhu Das, Jaganndha Rao Naidu KV, Swapna Jilla, Sangeethamani, Lakshmi AY, Amit Chowdary, Anusha kanakalla VL, Sreenivasa Rao B, Subramanyam BV. A dosimetric comparision of IMRI versus 3D-C RT of chest wall in post Mastectomy breast cancer patients: A prospective study. Int J Sci Res 2017;6(9): 27-9 .

2. Vamsidhar A, Rajasekhar D, Vanajlakshamma V, Lakshmi AY, Latheef K, Sivasankara C, Obul Reddy G. Comparison of PESI, Echocardiogram, CTPA and NT – Pro BNP as risk stratification tools in patients with acute pulmonary embolism . Indian Heart journal 69 (2017) 68-74.

3. Kumar Reddy GR, Hulikal N, Lakshmi AY, Vengamma B. Nerve and vein preserving neck dissections for oral cancer a prospective evaluation of spinal accessory nerve function and internal jugular vein patency following treatment. Acta Otorhinolaryngol Ital 2017. doi: 10.14639/0392-

100X-1481.

4. Naru Ramana Reddy, Hulikal Narendra, Nandyal Rukmangadha, and Bodagala Vijayalkshmidevi. The Importance of Comprehensive Surgical Staging Including Para aortic lymphnode dissection of presumed early stage epithelal ovarian cancer : A contemporary prospective evaluation. Journal of Gynecologic Surgery 2017;33(5):184-8.

Original Article:

1. Bodagala Vijayalakshmidevi, Chegireddy Supraja, Yootla Mutheeswaraiah, AY Lakshmi, Settipalli Sarala, Kadiyala Silpa. MRI in the Diagnosis and Pre-operative, Classification of Perianal and Anal Fistulas. Int J Res Med 2017;6(1);64-70.

2. Kadiyala S, Gavini S, Kumar D S, Kiranmayi V, Rao PS. Applying Blooms taxonomy in framing MCQs: An innovative method for formative assessment in medical students. J NTR Univ Health Sci 2017;6:86-91.

3. Agarwal P, Kadiyala S, Suresh V, Chowhan A, Lakshmi AY, Vijayalakshmi B. Application of Society of Radiologists in Ultrasound recommendations for fine needle aspiration of thyroid nodules. J Clin Sci Res 2017;6:10-17.

4. Gavini S, Kadiyala S,Patnayak R, Reddy VV. Hepatoid adenocarcinoma of stomach - a morphological curiosity. J Clin Sci Res 2017;6:38-41.

31.7 CMEs / Conferences / Orations conducted

1. A CME on imaging and Treatment in Thyroid malignancys on 21st January 2017 jointly by the department of Radiology and Nuclear Medicine.

2. 3rd State IRIA conference at Tirupati during 19-20 August 2017 jointly by the department of Radiology with Tirupati chapter of IRIA.

3. Radiology Gold medal oration was conducted on 14th October 2017 and Dr Niranjan Khandelwal Prof. & HoD, PGI Chandigarh delivered a lecture on Interventional Oncology present and future.

31.8 CME attended

1. Dr A.Y.Lakshmi, attended a CME in RADPRACT the known and unknowns of everyday Radiology practice at CMC Vellore on 22nd July 2017.

2. Dr B.Vijayalakshmi Devi, attended a CME and delivered a guest lecture on PPH by TIGO & GGH uterine artery embolization in PPH at Government Maternity Hospital, Tirupati on 26th November 2017.

31.9 Other acacademic activities

1. Dr B.Vijayalakshmi Devi conducted " Spotters in Gynecology and Breast imaging "

   In PGMAC exams at NRI, Mangalagiri in March 2017.

2. Dr Silpa completed the Revised basic course in Medical education and ATCOM

   Module at CMC, Vellore during 4-8 December 2017.

3. Dr Venkat Chowdary attended Andhra Pradesh Radiology physics course held in NRI Medical college (APRP-2017) during 24-25 June 2017.

4. Dr Ashok attended Hyderabad Annual Radiology Physics course (HARP) at KIMS Hospital, Hyderabad.

5. Dr Suneel, Dr Kiran kumar, Dr Sathyanarayana, Dr Vinod, Dr Siva Sahas, Dr Chandana & Dr Theja attended STAR Basics 2017 at Stanly Medical college Hospital, Chennai during 15-16 July 2017.

6. Dr Chandana, Dr Theja, Dr Vinod and Dr Suneel attended Radiologic Anatomy course 2017at Century Hospital, Hyderabad during 9-10 December 2017.

32.0 DEPARTMENT OF RADIOTHERAPY

Assoc. Professor & Head
Dr B.V.Subramanian

Faculty

Dr Pranabandhu Das	Dr Swapna Jilla	Dr Dinakar
Dr B. Sreenivasa Rao	Dr D.Pradeep Kumar Reddy	Dr P.Madhuri

Lecturer in Radiological Physics

J. Lavanya	J. Anitha Kumari	N. Sangeetha	G.Daisy
S. Balaraju	A. Srinivasa Raghava	N.Saidulu	

Senior Resident
Dr B.Revathi

PG (MD) Junior Residents

Dr M. Hemanth	Dr R. Ramesh Reddy	Dr G.V.Depethi
Dr Madala Ravi Krishna	Dr Pettikota Masthan Basha	Dr C.Praneetha

32.1 Fellowships received

International

Dr Pranabandhu Das, Assistant Professor received **AROI travel fellowship** at NHS Foundational Trust, Essex,UK.

32.2 Research projects:

Ongoing Research projects

1. **Prinicipal investigator**: Dr B.V.Subramanian **Title:** A comparative analysis of three different dose fractionation regimens of high dose rate intracavitary brachytherapy in treatment of carcinoma of uterine cervix **(Self funding).**

2. **Prinicipal investigator:** Dr Pranabandhu Das**, Title:** To compare the incidence of radiation induced hypothyroidism after exposure to more than vs less then 50% of total thyroid volume to 45 GY following external beam radiation therapy in patients with head and neck cancer.2017-2019. **Funding agency :** SBAVP

32.3 Research work

Theses submitted

1. Ravikrishna M. Dosimetric comparison of deep inspiration breath hold with active breathing coordinator verses free breathing in carcinoma left breast patients receiving adjuvant radiotherapy (MD). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

2. Hemanth M. A prospective study of comparison betweeen conventional fractionation and accelerated fractionation radiotherapy in head and neck cancers (MD). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

3. Ramesh Reddy R. A prospective study of short – course radiotherapy versus long – course chemoradiation therapy in locally advanced rectal cancer (MD).

Ongoing Thesis work

1. Masthan Basha. A prospective study of compartson of therapeutic effiacy between three dimensional (3d) con- formal radiotherapy (3d-crt) and intensity modulated radio therapy (imrt) in locally advanced head and neck cancers (MD).

32.4 Conference attended / Lectures delivered

1. **Dr Pranabandu Das,** attended ICC -2017 and presented a e-poster on Colonic Carcinoma with axillary Lymphodenopathy rare clinical experience at Banglore during 8 - 12 November 2017.

2. **Dr Swapna,** Oral Presentation on 3DCRT Vs IMRT in carcinoma cervix at 104th Indian Science Congress 2017 at SVIMS campus during 3-7 January 2017.

32.5 Presentation by post graduate students

Postgraduate students pursuing MD (Radiotherapy) presented the following e-posters at:

2nd Indian Cancer Congress at Bangalore during 8-12 November 2017.

1. Hemanth. A retrospective study of clinical outcomes with two different dose fractionations in carcinoma cervix – Experience of a tertiary care centre.

2. Masthan Basha P. A retrospective study on set-up errors in intensity modulated radio therapy (imrt) in head and neck malignacies and its correlation with planing target volume (ptv) margin.

32.6 Publications

In indexed journals:

1. Rao BS, Das P, Subramanian BV, Jena A, Rashmi P, Konakalla VLA, Jayasree K. A comparative Analysis of Two Different Dose Fractionation Regimens of High Dose Rate Intracaritary Brachytherapy in Treatment of Carcinoma of Uterine Cervix: A Prospective Randomized study. J Clin Diagn Res. 2017;11(4):6-10.

2. Prathipati A, Ranadheer M,Subramanian B.V. Das P,Jilla S, Sangeetha M, Anithakumari J, Sarala s, Kottu R, Kalawat TC, Jagannath Rao Naidu KV. A prospective Study Comparing Functional Imaging (18F-FDG PET) Versus Anatomical Imaging (Contrast Enhanced CT) in Dosimetric planning for Non-small cell Lung Cancer . Asia Ocean J Nucl Med Biol 2017;5(2):75-84.

3. Das P.Padhi S, Senapati SN, Chowhan AK. A prospective study of comparison between concomitant boost radiotherapy and conventional fractionated radiation in treatment of laryngeal cancer in a tertiary care Institute of East India. Int J Sci Res (Ahmedabad) 2017;6(10):41-4.

4. Das P, Manimaran S.Radiobiological qualitive evaluation of high dose rate intracavitary brachytherapy for gynecological cancers. Int J Sci Res 2017;6(8):449-51.

5. Kuna J, Das P, Naidu KVJ,Jilla S, Lakshmi AY, Chowhan AK, Konakalla VLA, Sreenivas Rao B, Subramanian BV. Dosimetric comparison of IMRT versus 3D-CRT of chest wall in post –mastectomy breast cancer patients: A prospective Study. Int Sci Res 2017:6(9):98-100.

33.0 DEPARTMENT OF SURGICAL GASTROENTEROLOGY

Associate Professor & Head
Dr V.Venkatarami Reddy

Faculty

Dr G.Sivarama Krishna
Dr C.Chandramaliteeswaran
Dr D.Varun

MCh PG Senior Residents

Dr Nitesh Naga Balaji P
Dr D.V. Narayana Reddy
Dr B.Sravanti

PDF Residents

Dr P.Reddy Sreenivas
Dr CVRS. Gajapathi Raju
Dr V.Kiran Kumar

33.1 Fellowships and Awards

1. Dr G.Siva Rama Krishna, Associate Professor received Fellowship from the Association of Colon and Rectal Surgeons of India (FACRSI) at Coimbatore on 15th September 2017.
2. Dr G.Siva Rama Krishna, Associate Professor was awarded Certified Professional for Quality Implementation in Hospitals (Basic) by Consortium of Accredited Healthcare Organisations (CAHO) at Trichy during 30th September - 2nd October 2017.
3. Dr C.Chandramaliteeswaran, Assistant Professor received Fellowship from the Indian Association of Gastro Endo Surgeons (FIAGES) at Hyderabad on 10th February 2017.
4. Dr D.Varun, Assistant Professor was awarded **"Best paper"** at the 14th annual conference of Indian chapter of International Hepato-pancreato-biliary association (IHPBA 2017) at for a paper on "Clinical Relevance of Day 3 amylase in predicting outcomes following Pancreaticoduodenectomy" at Bengaluru during 27-29 January 2017.

Dr P.Nitesh Naga Balaji, MCh Senior Resident was awarded

- "Vyagreswarudu" **Best paper award** at the 40th Annual conference of Association of Surgeons of India – AP state chapter (APASICON 2017) for a paper on "Better predictor of outcomes following pancreaticoduodenectomy: Day 3 Versus Day 5 amylase measurements" at Guntur during 18-20 August 2017.
- **"Best paper"** under state chapter categories at the ASICON 2017 for a paper on "Better predictor of outcomes following pancreaticoduodenectomy: Day 3 Versus Day 5 amylase measurements" at Jaipur during 26-30 December 2017.

33.2 Research work

Thesis submitted

1. **Varun D.** Effect of Preoperative nutritional status on early postoperative outcomes in patients undergoing Pancreaticoduodenectomy (MCh). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

Ongoing thesis work

1. **Nitesh Naga Balaji P.** Assessment of functional outcomes of patients undergoing surgery for chronic pancreatitis (MCh).
2. **Narayana Reddy DV.** A prospective randomized controlled study comparing end to end versus end to side anastomosis after low anterior resection for rectal cancers (MCh).

33.3 Conferences attended, lectures delivered

Dr Venkatarami Reddy V, attended the following:

International

1. E-AHPBA 2017 (European African Hepato Pancreato Biliary Association) Presented 3 papers (Oral -1, posters – 2) at Mainz, Germany during 23-27 May 2017.

- Oral paper - Should AAST Liver Injury scale include Hemodynamic status as criteria?
- Posters – a. Relevance of Day 3 Amylase in defining clinically relevant postoperative pancreatic fistula (CRF) following Pancreaticoduodenectomy b. Addition of Braun Enteroenterostomy – Impact on early outcomes in Pancreaticoduodenectomy.

National

1. International Hepato Pancreato Biliary Association, Indian Chapter (IHPBA 2017) and moderated a session on Minimally Invasive Distal Pancreatectomy at Bengaluru during 27-29 January 2017.
2. 21st Fellowship course in coloproctology and delivered two guest lectures on (a) Creation of Ileostomy and (b) Hemorrhoides- pathophysiology and medical management at Ajmer during 3-7 April 2017.
3. APASICON 2017 (Association of Surgeons of India-AP Chapter, Annual conference) and delivered a guest lecture on Non Hepatic surgeries in cirrhotics and presented a master video on Surgery for Esophageal diverticulum at Guntur during 18-20 August 2017.
4. Association of Colorectal Surgeons of India (ACRSICON 2017) and delivered a guest lecture on Colonic Volvulus and moderated a session on Rectal Prolapse at Coimbatore during 15-17 September 2017.
5. Indian Association of Surgical Gastroenterology (IASGCON 2017) and delivered a guest lecture on Management of early postoperative complications and chaired a session at JIPMER, Puducherry during 5-8 October 2017.
6. Association of Surgeons of India (ASICON 2017) and delivered a guest lecture on Emergency treatment of carcinoma rectum at Jaipur during 26-30 December 2017.

Dr G. Siva Rama Krishna attended the following:

International

1. 25th UEG week and presented a poster of excellence in poster champ session at Barcelona during 28th October – 1st November 2017

National

1. 1st World congress of GI Endoscopy- ENDO 2017 at Hyderabad during 17-19 February 2017.
2. Completed Online course on Medical certification of Death (MCCD) at St. John's Research Institute, Bangalore during 1-31 August 2017.
3. Workshop on Research Methodology at CMC, Vellore during 28-30 August 2017.
4. 40th National conference of The Association of Colon and Rectal Surgeons of India at Coimbatore during 15-17 September 2017.
5. Training Programme on Implementation of NABH Standards for Hospitals at Coimbatore during 17–19 November 2017.
6. Basic Program to train Certified Professionals for Hospital Infection Control at Chennai on 3rd December 2017.
7. Participated in Revised Basic Workshop and AT-COM module at CMC, Vellore during 5-8 December 2017.

Dr C.Chandramaliteeswaran attended the National Conference of Indian Association of Surgical Gastroenterology (IASGCON 2017) and chaired a session on internal hernias at JIPMER, Puducherry during 5-8 October 2017.

Dr Varun.D attended the following:

1. 14th annual conference of Indian chapter of International Hepato-pancreato-biliary association (IHPBA 2017) and presented a free Paper " Clinical Relevance of Day 3 amylase in predicting outcomes following Pancreaticoduodenectomy" and a poster on "Cystic lesions of Liver: Varied etiologies, presentations and their management" at Bengaluru during 27– 29 January 2017 .
2. 40th National Conference of the Association of Colon and Rectal Surgeons of India (ACRSICON 2017) at Coimbatore during 15-17 September 2017.

Dr Nitesh Naga Balaji P, attended the following:

1. 12th IHPBA certificate course at Sir Ganga Ram Hospital, New Delhi during 11-15 September 2017.

2. 40th National Conference of the Association of Colon and Rectal Surgeons of India (ACRSICON 2017) at Coimbatore during 15-17 September 2017.

33.4 Presentations by postgraduate students

Postgraduate students pursuing MCh (Surgical GE) presented the following papers at:

Nitesh Naga Balaji P, attended the following:

1. 14th Annual Conference of Indian Chapter of International Hepato-pancreato-biliary association (IHPBA 2017) and presented a free paper "Management of Liver trauma from a tertiary center" and a poster "Primary Leiomyoma of Liver: A rare case report" at Bengaluru during 27th– 29th January 2017.

2. 40th Annual Conference of Association of Surgeons of India – AP state chapter (APASICON 2017) and presented paper on "Better predictor of outcomes following pancreaticoduodenectomy: Day 3 Versus Day 5 amylase measurements" at Guntur between 18th to 20th August 2017.

XXVII National Conference of the Indian Association of Surgical Gastroenterology (IASGCON 2017) at Puducherry during 5-8 October 2017.

1. Nitesh Naga Balaji P. Presented a paper on "Clinical Relevance of Day 3 amylase measurements in predicting outcomes following Pancreatic-oduodenectomy" and a poster "post cholecystectomy bile duct injuries – outcomes following hepaticojejunostomy" held.

2. Narayana Reddy DV. Presented a poster on - Rare cause of Splenomegaly.

33.5 Publications

a. Publications in indexed journals

1. Venkatarami Reddy Vutukuru, Sivarama Krishna Gavini, Chandramaliteeswaran C., Dinakar Reddy A., Brahmeshwara Rao Musunuru, Sarala Settipalli. Addition of Braun enteroenterostomy to standard reconstruction in pancreaticoduodenectomy: impact on early outcomes. Int Surg J. 2017 Oct;4(10):3414-8.

2. Venkatarami Reddy Vutukuru, Sivarama Krishna Gavini, Chandramaliteeswaran C, Dinakar Reddy A, Varun Dasari, Sarala Settipalli. Drain fluid amylase in defining clinically relevant postoperative pancreatic fistula following pancreatico-duodenectomy: day 5 is better than day 3. Int Surg J. 2017 Dec;4(12):4058-61.

3. Venkatarami Reddy Vutukuru, Sivarama Krishna Gavini, Chandramaliteeswaran C. Sarala Settipalli. End to End (Double stapled) versus End to side (Triple stapled) colorectal anastomosis following anterior resection for carcinoma rectum. International Journal of Science and Research (IJSR) ISSN (online): 2319-7064

4. Venkatarami Reddy Vutukuru, Sivarama Krishna Gavini, Chandramaliteeswaran C. Dinakar Reddy A, Sarala Settipalli. Partial stapled versus total stapled ileocolic anastomosis in right hemicolectomy: A randomized control study. International Journal of Scientific Research (IJSR) 2017;6(12): 257-59

5. Venkatarami Reddy Vutukuru, Sivarama Krishna Gavini, Chandramaliteeswaran C. Sarala Settipalli. Management of Pancreatic trauma: A less aggressive approach is safe. International Journal of Scientific Research (IJSR) 2017;6(12):235-37

6. Siva Gavini, Silpa Kadiyala, Rashmi Patnayak, Vutukuru V Reddy. Hepatoid adenocarcinoma of stomach - a morphological curiosity. J Clin Sci Res 2017;6:38-41.

34.0 DEPARTMENT OF SURGICAL ONCOLOGY

Professor & Head
Dr H.Narendra

Faculty

Dr B.Manilal
Dr G.Venkata Sivanath Reddy
Dr Azhagamuthu R.E
Dr Sriharsha Haranadh

MCh PG Senior Residents

Dr MD.Basheeruddin Inamdar
Dr V.V.Vijaya Lakshmi
Dr M.Guru Raghavendra Naik
Dr V.Naresh Kumar
Dr B.Bhavya
Dr S.Nagesh Kumar

34.1 Fellowships received

International

Dr H.Narendra, Prof. & Head was awarded

1. FRCS (Glasg), Royal College of Physicians and Surgeons, Glasgow UK on 26th May 2017.
2. Detroit Visiting fellowship of Indian Association of Surgical Oncology under Prof. Donald Weaver, Chief, Department of Surgery and Surgical Oncology, Detroit Medical Centre, Wayne State University, Detroit, Michigan during 22-27 May 2017.

34.2 Research Work

Thesis submitted

1. Azhagamuthu R.E. A prospective study of the predictive factors of malignancy in thyroid nodules, with an emphasis on biochemical factors (MCh). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.
2. Sriharsha Haranadh. A prospective study of prevalence of metastasis in level IIb and V neck nodes in patients with operable oral cavity squamous cell carcinoma. (MCh). Tirupati : Sri Venkateswara Institute of Medical Sciences; 2017.

Ongoing Thesis work

1. Basheeruddin Inamdar MD. A prospective single center study of pre operative blood ordering schedule, indications and actual usage of blood and blood components among patients undergoing elective curative surgery for major oncological resections (MCh).
2. Vijaya Lakshmi VV. A prospective study of sentinel lymph node biopsy followed by bilateral pelvic nodal dissection using methylene blue dye alone in clinically node negative early stage, operable cervical cancer (MCh).
3. Guru Raghavendra Naik M. A randomized controlled study of drain versus no drain in patients undergoing pelvic lymph node dissections with or without paraaortic lymph node dissection in gynaecological malignancies (MCh).
4. Naresh Kumar V. A randomized controlled study of Quilting and axillary lymphatic vessel ligation vs conventional closure with drain for patients undergoing modified radical mastectomy for breast cancer (MCh).

34.3 Conferences attended, lectures delivered

Dr H.Narendra, attended the following:

1. Chairperson in IBHPA Indian Chapter National Conference at Bengaluru during 27-29 January 2017.
2. Panel discussion on recent advances in management of Early gastric cancer, Extent of Lympahdenectomy in esophageal cancer, Upper GI Cancer Surgery Conference & Workshop (UGICON 2017), GCRI-GCS at Ahmedabad during 14-16 April 2017.
3. Chairperson in Laparoscopic Gastrectomy Workshop, Proffered Papers, Master Video session

at Indian Cancer Congress at Bengaluru during 8–12 November 2017.

4. Debates in Oncology: Against: "Liberal use of Genetic testing should be encouraged in Carcinoma Breast", ASICON 2017 at Jaipur during 26-30 December 2017.

Dr B.Manilal, attended the following:

1. IAESCON-2017 and delivered a lecture on "Prophylactic central compartment neck dissection in DTC" at Puri during 13-14 October 2017.

2. Indian Cancer Congress - 2017 at Bengaluru during 8–12 November 2017.

Dr G.V.Sivanath Reddy, Dr Azhagamuthu R.E, attended Indian Cancer Congress - 2017 at Bengaluru during 8–12 November 2017.

34.4 Presentations by postgraduate students

Postgraduate students pursuing MCh (Surgical Oncology) attended and presented the following papers/posters at :

APASICON 2017 at Guntur during 18-20 August 2017

1. Basheeruddin Inamdar MD. "A prospective single center study of pre operative blood ordering schedule, indications and actual usage of blood and blood components among patients undergoing elective curative surgery for major oncological resections" and "Porocarcinoma of scalp - a rare case – review of literature".

2. Vijayalakshmi VV. "Dysgerminoma in Swayer Syndrome: A Rare Case" and "SLN detection with methylene blue alone in early stage cervical cancer patients".

Indian Cancer Congress 2017 at Bengaluru during 8-12 November 2017

1. Basheeruddin Inamdar MD. "A prospective single center study of pre operative blood ordering schedule, indications and actual usage of blood and blood components among patients undergoing elective curative surgery for major oncological resections" and "A rare case of aggressive malignant spiroadenoma of chest wall, masquerading as carcinoma of unknown origin".

2. Vijayalakshmi VV. SLN detection with methylene blue alone in early stage cervical cancer patients.

34.5 Publications

Original articles

1. Naru RR, Hulikal N, Bhumireddy S, Vemula VVL, Kottu R. Dysgerminoma in Swayer Syndrome: A Rare Case Report and Review of the Literature. J Gynecol Surg. 2017; 33: 160-63.

2. Reddy NR, Hulikal N, Nandyal R, Bodagala V. The Importance of Comprehensive Surgical Staging Including Para-Aaortic Lymph Node Dissection of Presumed Early Stage Epithelial Ovarian Cancer: A Contemporary Prospective Evaluation. J Gynecol Surg. 2017; 33:184-8.

3. Kumar Reddy GR, Hulikal N, Lakshmi AY, Vengamma B. Nerve and vein preserving neck dissections for oral cancers: a prospective evaluation of spinal accessory nerve function and internal jugular vein patency following treatment. Acta Otorhinolaryngol Ital. 2017 Oct 31. doi: 10.14639/0392-100X-1481. [Epub ahead of print].

4. D Bhargavi, B Manilal, TC Kalawat, K Radhika, VV Sampath. Bone marrow biopsy versus 18 F – FDG PET/CT for the evaluation of bone marrow in lymphoma – a single institutional study. Int. J Medical and Health Sciences 2017;6:40-5.

Publications in Non-indexed journals:

1. Reddy NR, Laxmi VVV, Harsha H, AK Chowhan, Hulikal N. Primary Large Cell Neuroendocrine Carcinoma of the Ovary: A Case Report and Review of the Literature. Clinics in Oncology. 2017 available online https://www.clinicsinoncology.com/pdfs_folder/cio-v2-id1303.pdf

Case reports:

1. Ramana Reddy Naru, Manilal Banoth, Mohammed Basheeruddin Inamdar, Aruna K. Prayaga. Primary Retrosternal Goiter Mimicking as Teratoma of Anterior Mediastinum : A Diagnostic Enigma. Clin Cancer Investig J 2017;6:190-3.

2. Manilal Banoth, Ramana Reddy Naru, Mohammed Basheeruddin Inamdar and Amit Kumar Chowhan. Familial Swyer syndrome : a rare genetic entity.

Gynecological Endocrinology, DOI : 10.1080/09513590.2017.1393662.

3. Ramana Reddy Naru, Manilal Banoth, Venkata Vijaya Lakshmi Vemula, Chakrapani Spoorthy Rekha Yeddula. Thyroid in Ovary! The Consequence in a Case of Mucinous Cystadenocarcinoma Ovary. Ind. J Gynecol Oncol 2017;15:13.

Accepted for publication:

1. Whole body 18-F-FDG PET-CT for staging locally advanced breast cancer: A prospective study from a tertiary cancer centre in South India. Indian Journal of Medical Research and Ethics

34.6 CMEs/Seminars/Workshops attended

Dr H.Narendra, attended the following:

1. Workshop on IHBPA – 2017 at Bengaluru during 27-29 January 2017.
2. Upper GI Cancer Surgery Conference & Workshop (UGICON 2017) at Ahmedabad during 14-16 April 2017.
3. Workshop on 2nd Indian Cancer Congress at Bengaluru during 8-12 November 2017.
4. Workshop on ASICON 2017 at Jaipur during 26-30 December 2017.
5. Speaker at Annual CME of Department of Nuclear Medicine and Radiology, SVIMS and spoke on "Current Surgical practice in the management of Differentiated Thyroid Cancers" at SVIMS on 21st January 2017.

Dr B.Manilal, attended workshop on ONCORECON-2017 at Tata Memorial Hospital, Mumbai during 17-21 November 2017.

MD Basheeruddin Inamdar, attended workshop IBHPA -2017 Indian Chapter National conference at Bengaluru during 27- 29 January 2017.

34.7 Other academic activities:

Dr Narendra H, attended the following:

1. MCI and NBE assessor to various Institutes for the starting of the MCh/DNB Surgical Oncology courses.
2. External Examiner for MCh/DNB Surgical Oncology examinations at various centers across India

Dr Muktha Srinivasulu, MNJ Institute of Oncology delivered a guest lecture on "Management of Soft tissue Sarcomas" on 11th October 2017.

Dr Azhagamuthu R.E, delivered guest lecture on "Men personal health - Cancer awareness and general healthy life style" in SVETA on 20th November and 15th December 2017.

The Department was identified on one among the few Examination centres for DNB (Surgical Oncology) course for the session during April-May 2017.

35.0 DEPARTMENT OF TRANSFUSION MEDICINE

Professor & Head
Dr K.V.Sreedhar Babu

Faculty
Dr R.Arun
Dr B.Suresh Babu

Senior Resident
Dr M. Anitha

Tutor cum PG Junior Residents
Dr Dilli Praveen Mabbu
Dr TVN. Sri Ranjitha

35.1 Research Project

Ongoing Research Projects

Principal Investigator: Dr Sreedhar Babu K.V. Title: A study on prevalence of clinically significant proteinaceous blood group antigens (Rh,Kell,Kidd and Duffy) in blood donors in Andhra Pradesh (1 Year). Funding Agency: SBAVP

35.2 Research Work

Thesis submitted

1. **Praveen M.D** Phenotypic frequency of certain clinically significant blood group Antigens (Kell,Kidd & Duffy) in blood donors of the blood bank at a tertiary care referral teaching hospital in Tirupati, Andhra Pradesh, South India.(MD) Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

Thesis work carried out in collaboration with other dept.

1. Dr Sreedhar Babu K.V, as Co-guide for thesis of Basheerddin Md. A Prospective single center study of preoperative blood ordering schedule, indications and actual usage of blood and blood components among patients undergoing elective curative surgery for major oncological resections (MCh) Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

Ongoing thesis work

1. TVN Sri Ranjitha A comparative study between Anti Human Globulin (Coombs') crossmatch versus Type & Screen at the blood bank of a tertiary care referral teaching hospital in Tirupati, Andhra Pradesh, South India (MD).

35.3 Presentation by postgraduates

M.D. Praveen presented "Anti N-Antibody-A Report of two cases"AP FORENSICON-2017 2nd Annual Conference of A.P.Academy of Forensic Medicine & Toxicology at Sri Venkateswara Medical College, Tirupati during 9-10 April 2017.

35.4 Publications

In indexed journals:

1. Anita M, Sreedhar Babu K.V, Praveen MD, Sri Ranjitha TVN. Effect of grey zone sample testing of transfusion transmissible Infechious diseases on safety of blood experience of a tertiary care referral teaching hospital blood bank from South India. Int J Res Med Sci.2017; 5:3438-42.

2. Sreedhar Babu KV, Anitha M, Praveen, M.D, Sriranjitha TVN, Sindhuja K. Analysis of reasons for blood donor deferral at the blood bank of a tertiary care referral teaching hospital in Andhra Pradesh – a pilot study. J Clin Sci Res 2017;6:196-8.

Papers under Review

1. Sreedhar Babu K.V, Sindhuja K, Anitha M, Praveen MD, Sri Ranjitha TVN, An evaluation of non-infectious adverse reactions following blood transfusion at a tertiary care referral teaching hospital in South India-Indian J Med Sci.

35.5 Seminars conducted

World Blood Donors day-2017, theme "Give Blood.Given Often.Give now" was conducted by department of Transfusion Medicine, SVIMS on 14th June 2017.

35.6. CMEs, Workshops attended / Lectures delivered

Dr K.V.Sreedhar Babu, attended the following:

1. IAPM Medical AP state Chapter on "Hepatobiliary – Pancreatic Pathology" organized by the Department of Pathology, Government Medical College, Anantapuram on 24th March 2017.
2. Andhra Pradesh Medical Council and Indian Medical Association, Tirupati branch at Ramanaidu Kalyana Mandapam, Tirupati on 14th May 2017.

Dr R.Arun

Delivered the following guest lectures:

1. ABO & Rh compatibility and Blood components in the Post graduate Zonal CME organized by the Department of Pathology at Govt. Kurnool Medical College, Kurnool on 20th January 2017.
2. Transfusion transmitted infections in the Post graduate CME organized by the Department of Transfusion Medicine, JIPMER on 17th February 2017.
3. "TTI testing and troubleshooting" and "Compatibility testing and troubleshooting" in the CME organized by the IRCS Blood bank, Nellore on 17th September 2017.
4. "Massive Transfusion protocol in PPH" in the CME organized by Department of OBG, Govt. Maternity hospital, Tirupati on 26th November 2017.

Attended the following:

1. Symposium titled "Change"-The only Constant?? Emerging trends in HLA and It's Clinical Applications at Christian Medical College, Vellore during 25th to 26th September 2017.
2. Workshop on "HLA Typing & Antibody Detection Techniques" organized by Christian Medical College, Vellore during 27th to 28th September 2017.

Dr M.D.Praveen, attended CME –workshop on "Transfusion Medicine Update"conducted by

Basavatarakam Indo-American Cancer Hospital and Research Institute, Hyderabad on 9th September 2017.

35.7 Other academic activities

Dr K.V.Sreedhar Babu, attended the following:

1. Scientific Committee Member for Ph.D Thesis Viva" Invitro differentiation and characterization of cultural human hematopoietic stem cells to Type-II pheumocytes and ostocytes" by Mr Srikanth, Dept. of Biotechnology on 19th January,2017.

As External Examiner

2. II BDS (Pathology) Vishnu Dental College, Dr NTR University of Health Sciences, Bhimavaram on 21st January 2017.
3. II MBBS, ACSR Govt. Medical College, Nellore during 28th February - 5th March, 2017.
4. II MBBS, Rajiv Gandhi Institute of Medical Sciences, Ongole during 6-7 March 2017.
5. Open Viva-Voce of Ph.D Thesis in Immunohaematology and Blood Transfusion at Maharashtra University of Health Sciences, Nashik, Maharashtra on 21st April 2017.

- A comprehensive Analysis of genetic polymorphisims associated with WARFARIN handling in Indian Patients.
- Molecular Pathology of Bengal Thrombocytopenia Bernard Soulier Syndrome

6. II BDS (Pathology) at Vishnu Dental College, Dr NTR University of Health Sciences, Bhimavaram during 10-13 July 2017.
7. II MBBS (Pathology) at Rajiv Gandhi Medical Sciences, Ongole during 18-19 September 2017.
8. II MBBS (Pathology) at Narayana Medical College, Nellore during 21-23 September 2017.
9. MD (Immunohaematology & Blood Transfusion) at Sri Ramachandra Medical College & Research Institute, Porur, Chennai during 8-9 November 2017.

As Evaluated thesis:

10. Red blood cell alloimmunization in multi transfused patients – from Post Graduated Department of Transfusion Medicine Institute of Medical Sciences and SUM Hospital, Siksha 'O' Anusandhan University, Bhubaneswar, Odisha.

11. Preoperative Transfusion Practices in a tertiary care Hospital – A descriptive study – from Department of Transfusion Medicine, Sri Ramachandra Medical College and Research Institute Porur, Chennai.

12. Transfusion support in preterm neonates less than 1500 grams and/or less than 32 weeks in a tertiary care centre-A descriptive study from Department of Transfusion Medicine, Sri Ramachandra Medical College and Research Institute Porur, Chennai.

Dr R. Arun

1. Nominated as Academic Senate member for SVIMS University.

2. Resource person for training blood bank medical officers and lab technicians by Dept. of AIDS Control (DAC-NACO), Ministry of Health & Family welfare, Govt. of India.

3. Member of Andhra Pradesh State Working Group for Haemovigilance Programme of India, Govt. of India.

4. Committee member for Blood bank Training center assessment by Dept. of AIDS Control (DAC-NACO), Ministry of Health & Family welfare, Govt. of India.

5. Co-Coordinator of Medical Education Unit of SVIMS, SPMC(W), Tirupati.

6. As an external examiner for the MD Transfusion Medicine Postgraduate mock exam organized by Department of Transfusion Medicine, JIPMER during 18-19 February 2017.

36.0 DEPARTMENT OF UROLOGY

Professor & Head
Dr N.Anil Kumar

Faculty

Dr M. Muni Prasad
Dr G.Kalyan
Dr D.Ramesh
Dr S.V.Chaitanya

PG (MCh) Senior Residents

Dr Krishna Karthik. K
Dr D. Rakesh
Dr S. Suresh Goud
Dr P.Prasad
Dr C. Kondareddy
Dr K. Ravi Sankar
Dr A.Jai Babu
Dr B.Manoj
Dr P.Suraj
Dr Tushar Sharma
Dr Naveen Goyal
Dr A.Yagneshwar Sharma

36.1 Awards

1. Dr S.V.Chaitanya, Assistant Professor was awarded **Dr Suneetha & Dr Subramanyam Gold medal** for the best outgoing in MCh Surgical superspeciality of SVIMS for the year 2017.

36.2 Research Work

Theses submitted

1. Ramesh D. Factors predicting the outcome of RC-AV fistula of forearm (MCh). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.
2. Satish B. Efficacy and safety of percutaneous nephrolithotomy for managing complex renal calculi (MCh Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.
3. Ramana B. Outcomes of tubeless percutaneous nephrolithotomy (MCh). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.
4. Chaitanya SV. Evaluation of urethral stricture score in management of anterior urethra strictures (MCh). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

Ongoing Thesis work

1. Prasad P. Clinical study of donor site morbidity in buccal mucosal graft urethroplasty for urethral stricture disease (MCh).
2. Suresh Goud S. Role of intravesical BCG immunotherapy in superficial bladder cancer (Cis, Ta, T1) -A prospective study at SVIMS (MCh).
3. Krishna Karthik K. Complications of TURP:An observational study at SVIMS (MCh).
4. Rakesh D. A clinical study on correlation of non invasive diagnostic tests in evaluation and management of patients with symptomatic benign prostatic hyperplasia (MCh).
5. Ravi Shankar K. Role of silodosin in Expulsion of lower ureteric stones (MCh).
6. Konda Reddy Ch. Complications of Transrectal ultrasound guided prostate biopsy: A prospective observational study at SVIMS (MCh).
7. Jai Babu A. A comparative study of Bipolar Vs Monopolar TURP (MCh).
8. Manoj B. Evaluation of renal function after percutaneous nephrostomy or DJ stenting in calculus upper tract obstruction with renal failure (MCh).

36.3 Conferences attended

1. Dr A.Tyagi, Dr J.Jayaraju, Dr D.Ramesh, Dr B.Satish, Dr S.V.Chaitanya, Dr B.Ramana, Dr Krishna Karthik, Dr D.Rakesh, Dr S.Suresh Goud, Dr P.Prasad attended 50th Annual Conference of the Urological Society of India (USICON) at Mumbai during 18 - 21 January 2017.

Postgraduates

Dr K.Krishna Karthik attended the following:

1. Pediatric urology conference on extrophy and hypospadias repair at Nadiad on 15th January 2017.

2. Rock conference at Nadiad on 17th January 2017.

3. AUA-USI conference at Hyderabad during 18-19 July 2017

Dr D.Ramesh, Dr B.Satish, Dr S.V.Chaitanya, Dr B.Ramana, attended Master Class at CMC Vellore during 26-27 May 2017.

Dr B.Ramana, Dr Krishna Karthik, Dr D.Rakesh, Dr S.Suresh Goud, attended SZUSICON-2017 28th Annual Conference of the Association of Southern Urologists at Manipal during 11-13 August 2017.

Dr Rakesh, Dr K.Krishna Karthik, attended "Stricture urethra master class" at AINU, Hyderabad on 24th September 2017.

Dr D.Rakesh, Dr K.Ravi Shankar, Dr A.Jaibabu, Dr Ch.Konda Reddy, Dr B.Manoj attended SOGUS AP & TS at Warangal during 10-12 November 2017.

Dr B.Manoj & Dr Ch.Konda Reddy, attended observership in Nadiad at MPUH, Gujarat during 15th November- 15th December 2017.

36.4 Presentations by postgraduate students

Postgraduate students pursuing MCh (Urology) presented the following papers / posters in USICON at Mumbai during 18-21 January 2017.

1. Chaitanya SV. Podium paper on "Management of 46, XY DSD - Our experience".

2. Krishna Karthik K. Moderated posters on "Circumcaval ureter - a clinical study of 10 cases in SVIMS" and "A study of complications of hypospadias repair: Single institutional experience at SVIMS".

3. Rakesh D. Moderated poster on "PCNL in patients with history of renal surgery".

4. Suresh Goud S. Poster: "Synchronous dual malignancy – a rare case report".

5. Prasad P. "Retrograde JJ ureteric stenting versus percutaneous nephrostomy in infective hydronephrotic kidney of calculus disease".

6. Prasad P. "One stage urethroplasty for bulbar urethral strictures anastamotic Vs BMG Augmented dorsal onlay urethroplasty".

SOGUS AP & TS at Warangal during 10-12 November 2017.

1. Ravi Shankar K. Presented a paper on "Role of Silodosin in Medical expulsive therapy" and "poster on Primary hydatid cyst of kidney mimicking RCC".

2. Jai Babu A. Presented a paper on "A Comparitive study of Bipolar Vs Monopolar TURP" and poster on "Mixed epithelial stromal tumor of kidney – A case report".

3. Konda Reddy Ch. Presented a paper on "Complications of 12-core transrectal USG guided biopsy – A prospective observational study" and poster on "A rare case of anterior urethral duplication in a male child – A case report".

4. Manoj B. Presented a poster on "Transitional cell carcinoma masquerading as xanthogranulomatous pyelonephritis – A case report" and paper on "Percutaneous nephrostomy versus retrograde JJ ureteric stenting in calculus upper tract obstruction with renal failure".

36.5 CMEs conducted by the dept.

CME on Renal stones in pregnancy jointly organised by the depts. of Nephrology, Urology & OBG on 1st April 2017.

37.0 COLLEGE OF NURSING

Professor & Principal i/c
Dr P. Sudha Rani

Faculty

Dr A. Padmaja
Mrs. S.Swarna
Mrs. K. Varalakshmi
Dr M. Nagarathnam
Mrs. C. Usha Kiran
Dr S. Hemalatha
Mrs. M. Sreelatha
Mrs. B. Kokilamma
Dr M. Bhagya Lakshmi

Tutors

Mrs. V. Naganandini
Mrs. P. Christina Bharathi
Mrs. K. Gowri Devi
Mrs. B.M. Madhavi
Mrs. M. Lakshmi Devi
Mrs. P. Sumalatha
Mrs. P. Sreedevi Annapurna
Mrs. C. Pragasa Mary

37.1 Awards, achievements and felicitations

1. **Dr P. Sudha Rani,** received Certification of Appreciation from SVIMS as Coordinator for the Medical Services to the delegates of 104th Indian Science Congress Summit" at Tirupati during 3-7 January 2017.
2. **Dr A Padmaja,** has been selected as expert committee member by University Grants Commission, Hyderabad and visited Sri Balaji Vidyapeeth, Pondichery off campus at Kancheepuram (Deemed to be University).
3. **Dr M. Sreelatha,** received award of Best Women teacher from Vidya Parirakshana Samithi at Sri Padmavathi Women Degree & PG College, Tirupati on 31st December 2017.
4. **Mrs. P. Sumalatha,** was awarded Best paper presenter on National Seminar on Trends in Nursing Research and Bio ethics for a presentation on " A study to assess the knowledge and knowledge on practices regarding periodontal disease among antenatal mother attending MCH Centre, Tirupati" at Sri Padmavathi Mahila Visvavyalayam, Tirupati during 27-28 March 2017.
5. **D. Jayaram,** II Year B.Sc (N) student got 1st Prize in XXVII SNA Biennial State Conference of Student Nurses Association at Sri Padmavathamma College of Nursing, Tirupati

37.2 Research Projects

Research Projects completed

1. Principal Investigator: M. Nagarathnam Title: Assessment of burden, coping and quality of life in care givers of patients with end stage renal disease undergoing renal replacement therapies (Self funding).

Ongoing Research Projects

1. Principal Investigator: M. Nagarathnam Title: Prevalence of delirium among intensive care patients at tertiary care centre submitted for approval of research committee (Self funding).

37.3 Research Work

Dissertations Submitted in 2017 by the MSc Nursing students

1. Girijamma S. A study to assess the knowledge on warning signs of selected newborn illness among the primi mothers who are attending MCH Center, Tirupati with a view to develop an information booklet.
2. Maneesha Sampath K. A Comparative study to assess the self –esteem among single child and child with sibling among adolescents in selected Govt. High schools, Tirupati
3. Manikanta Chandra Sekhar S. A study to assess the burden of care givers with selected physically challenged children in BIRRDs Hospital, Tirupati.

4. Prameela G. A study to assess the effectiveness of STP on Knowledge regarding baby tooth decay among mother of infants in a selected community area, Tirupati
5. Reddaiah P. A Study to assess the effectiveness of STP on knowledge regarding first aid measures, home accidents in under five children among mothers at selected areas of Tirupati.
6. Srikanth K. A study to assess the knowledge on insulin self administration among juvenile diabetics at Endocrinology OPD, SVRRGGH, Tirupati.
7. Chandrakala B. A study to assess the knowledge regarding foot care among diabetic clients at SVIMS OPD, Tirupati
8. Divya D. A study to assess the knowledge regarding measures to improve hemoglobin level among adolescents.
9. Jeevitha C. A study to assess the knowledge regarding prevention of transmission of tuberculosis among DOTS providers at selected DOTS centers, Tirupati
10. Kusuma V. A study to assess the knowledge and attitude towards consanguineous marriages among adolescents in the selected colleges, Tirupati
11. Mary Priyanka K. A study to assess the knowledge on deworming among school teachers at selected corporate schools, Tirupati with a view to develop information booklet
12. Usharani R. A study to assess the effectiveness of structured teaching programme on needle stick injury among health workers in selected health centers
13. Swapna A. A study to assess the effectiveness of structured teaching programme on risk factors and prophylactic measures in prevention of deep vein thrombosis among immobilized patients, SVIMS, Tirupati
14. Chandrakala D. A study to assess the physical activity among patients with CKD undergoing hemodialysis at SVIMS, Tirupati
15. Geetha Pavani K. A study to assess the level of sleep satisfaction among cancer patients receiving chemotherapy attending SVIMS OPD, Tirupati
16. Pallavi P. A study to assess the relationship between anxiety and spirituality in patients under Chemotherapy, SVIMS, Tirupati
17. Sai Dharanija D. A study to assess the pre and post operative anxiety among renal calculi patients in urology, SVIMS, Tirupati
18. Swapna J. Effectiveness of STP on arterial blood gas analysis among undergraduate nursing students SVIMS, Tirupati
19. Ayeesha S. A study to assess the QOL among women with cervical cancer attending radiotherapy at oncology department SVIMS, Tirupati
20. Bhavani Bai J. A study to assess the warning signs of cancer cervix among women attending MCH centers, Tirupati
21. Jayasree J. A study to assess the effectiveness of STP on knowledge and attitude of health promoting practices among primigravida mothers at RHC, Chandragiri
22. Prameela N. A descriptive study to assess the premenstrual symptoms, quality of life and coping measures adopted by the university adults in selected college in Tirupati .
23. Sada Lakshmi M. A study to assess the distress during the menopausal transition and their impact on the quality of life of women in SPMVV, Tirupati
24. Thulasamma N. A study to assess the effect of STP on self assessment of fetal well being among primi mothers at MCH centre, Tirupati
25. Divya J. A study to determine the effectiveness of remiscence therapy on the level of depression among older adults in selected old age homes
26. Latha S. A study to assess depression and self esteem levels among patients with epilepsy clinic at SVIMS, Tirupati
27. Siva Lakshmi K. Assessment of loneliness among the elderly at a selected area of Tirupati
28. Snehalatha R. Effectiveness of planned teaching programme on knowledge of alcoholism and its ill effects among adolescents in selected school in Tirupati

29. Sravani P. A study to evaluate the effectiveness of psycho education regarding the anxiety reduction among care givers of cancer patients at SVIMS, Tirupati

30. Syamala B. A study to assess the effectiveness of STP on ECT among caregivers of mentally ill patients at psychiatric unit SVRRGG Hospital, Tirupati

Ongoing Dissertation work

1. Himabindu V. A Study to evaluate the effectiveness of structured teaching programme on Typhoid Fever among High school children at Tirupati (MSc).

2. Jyothsna S. A Study to assess the knowledge regarding care of newborn on incubator among IV Yr B.Sc (N) students, at Tirupati (MSc).

3. Poornima P. A study to assess the effectiveness of structured teaching programme on knowledge regarding Iodine deficiency disorder among mothers of under five chindren at selected Anganwadi centre, Tirupati (MSc).

4. Rekha K. A study to assess the effectiveness of structured teaching programme on knowledge regarding Bronchial Asthma among under five mothers at Tirupati (MSc).

5. Siresha. A comparative study to assess the knowledge, attitude & practices on complementary foods among mothers of urban & rural areas, Tirupati (MSc).

6. Sravani A. A study to assess the effectiveness of videotaped instruction on child CPR among third year B.Sc (N) students of CON, SVIMS, Tirupati (MSc).

7. Gracy R. A study to assess the effectiveness of structured teaching programme on knowledge regarding cord blood banking among female graduates at selected colleges, Tirupati (MSc).

8. Hemalatha S. A study to assess the effectiveness of structured teaching programme on health aspects of Swatch Bharath mission among arts students at selected degree colleges, Tirupati (MSc).

9. Mounika M. A study to assess the effectiveness of awareness programme on common childhood allergies among mothers at selected areas, Tirupati (MSc).

10. Sumithra R. A study to assess the awareness regarding Malaria among house –inmates at selected urban slums, Tirupati (MSc).

11. Usha Rani K. A study to assess the knowledge regarding Cataract among Diabetes mellitus clients attending Endocrinology OPD, SVIMS, Tirupati (MSc).

12. Lalitha Kumari M. A study to assess the factors associated with drug adherence among post Myocardial Infarction patients attending cardiology OPD, SVIMS, Tirupati (MSc).

13. Makarajyothi B. A study to assess the knowledge on common side effects & coping strategies among patients receiving radiation therapy in Radiation Oncology Ward, SVIMS, Tirupati (MSc).

14. Manjula N. A study to assess the effectiveness of structured teaching programme on Neonatal hypothermia among primi antenatal mothers at SVIMS Maternity, Tirupati (MSc)

15. Shahidabee K. A study to assess the effectiveness of planned teaching programme on prevention of post-operative pulmonary complications among pre-operative cardiothoracic patients, SVIMS, Tirupati (MSc).

16. Shalem Raj. A study to assess the effectiveness of self instructional module on adverse effects of chemotherapeutic drugs and its home care remedies among patients receiving chemotherapy at Medical Oncology Ward, SVIMS, Tirupati (MSc).

17. Gowthami S. A study to evaluate the effectiveness of structured teaching programme on knowledge regarding Fibroid uterus among women at Gynecology OPD, SVIMS, Tirupati (MSc).

18. Sunitha B. A study to assess the knowledge of mothers regarding mother to child transmission of HIV at Tirupati (MSc).

37.4 Conferences attended, lectures delivered

Dr P. Sudha Rani, attended the following:

1. 104th Indian Science Congress Association at SV University, Tirupati during 3-7 January 2017.

2. Invited as resource person in National Conference on Curriculum Planning and delivered talk on Taxonomy of Educational Objectives at Gyandeep Institute of Nursing Sciences, Niwaran Educational Institute, Jabalpur during 20-21 January 2017.

3. Participated in UGC National Seminar on Adolescents at Cross Roads Challenges and Interventions and delivered a talk on "Prevalence and factors influencing anaemia among school going adolescent girls in Kurnool, Andhra Pradesh" at S.P.M.V.V. Tirupati during 17-18 February 2017.

4. Participated in National Seminar (ICMR) on Trends in Nursing Research and Bio Ethics at SPMVV Women's University, Tirupati during 27-28 March 2017.

5. AP State conference on XXVII SNA Biennial on Empowering nurses through advanced technology at Sri Padmavathamma Govt. College of Nursing, Tirupati during 17-18 August 2017.

6. Invited Guest speaker International Conference on Transforming Nursing Practice – Research and Dissemination and delivered a talk on Identifying key Research Areas in Nursing Profession at Chettinad College of Nursing on 23rd June 2017.

Mrs S. Swarna, attended the International and UGC Sponsored - Innovative Trends in teacher education : Challenges and Strategies" at SV University, Tirupati during 30-31 July 2017.

Mrs S. Swarna, Mrs. K. Varalakshmi, Dr M. Nagarathnam, Mrs. C. Usha Kiran, Mrs. M. Sreelatha, Dr S. Hemalatha, Mrs. B. Kokilamma, Dr M. Bhagya Lakshmi, Mrs. V. Naganandini, Mrs. P. Christina Bharathi, Mrs. K. Gowri Devi, Mrs. B.M. Madhavi, Mrs. M. Lakshmi Devi, Mrs. P. Sreedevi Annapurna, Mrs. P. Sumalatha, Mrs. C. Pragasa Mary, attended the National Seminar (ICMR) on Trends in Nursing Research and Bio Ethics at SPMVV Women's University at Tirupati during 27-28 March 2017.

Mrs. K. Varalakshmi, Dr M. Nagarathnam, Mrs. C. Usha Kiran, Mrs. M. Sreelatha, Dr S. Hemalatha, Mrs. B. Kokilamma, Dr M. Bhagya Lakshmi, Mrs. V. Naganandini, Mrs. P. Christina Bharathi, Mrs. K. Gowri Devi, Mrs. M. Lakshmi Devi, Mrs. P. Sumalatha, Mrs. P. Sreedevi Annapurna, Mrs. C. Pragasa Mary attended State conference on XXVII SNA Bennial State conference on empowering nurses through advanced technology at Sri Padmavathamma Govt. College of Nursing, Tirupati 17-18 August 2017.

Dr S. Hemalatha, attended 3rd International Conference ISPN & NIMHANS, Rehabilitation of person with mental illness nurse perspectives at NIMHANS, Bengaluru during 10-11 February 2017.

Dr S. Hemalatha, Dr M. Bhagya Lakshmi Mrs. B.M. Madhavi attended International Seminar on Contemporary trends in health psychology role of psychologies and presented a paper on "A study to evaluate the effectiveness of psycho education regarding anxiety reduction among care givers of Cancer Patients at SVIMS, Tirupati" at SV University, Tirupati during 25-26 September 2017.

Students pursuing Nursing course attended :

Mr. V. Mahesh & Mr. D. Jayaram attended 27th SNA National Biennial Conference GMC, Campus at Guntur during 30th November to 2nd December 2017.

I & II M.Sc (N) students participated in Oration in Epileptology on the topic "Epilepsy care Tailored to women" on 18th November 2017.

37.5 Publications

1. Sudha Rani P Chandrakala D. Effect of integrated strategy on iron deficiency anemia among adolescent girls, International Journal of Advanced Research, December 2017;5 (12).

2. Prameela G Padmaja A. A study to assess the effectiveness of structured teaching programme on knowledge, attitude and practice regarding baby bottle tooth decay among mothers of infants, in selected community area, Tirupati. IOSR Journal of nursing and health sciences, 2017; 6: 48-56.

3. Girijamma S. Padmaja A Descriptive study to assess the knowledge on warning signs of selected newborn illness among the primi mothers with a view to develop an information booklet. International Journals of Applied Research, 2017; 3(9).

4. Kavitha K, Padmaja A Strategy for enhancing quality of life in thalamic children 2017 BLB BE University, Journal of Health Science Wolters KLAWER MEDNOW,2017; 2(2):69-74.

5. Swarna S, Effectiveness of STP on knowledge and attitude regarding health promoting practices in

Primi Gravida Mothers IOSR – JNHS 2017; 6(4); 28-31.

6. Swarna S, Relationship between quality of life and coping measures during premenstrual period in college students IOSR – JNHS 2017;22(8).

7. Nagarathnam M, Vengamma B, Shalini B, Latheef. S, stigma and polytherapy: Predictors of quality of life in patients with epilepsy from South India. Annals of Indian Academy of Neurology, 2017; 20: 233-41.

8. Nagarathnam M, Shalini B, Jayalakshmi U, Vengamma B, Latheef S. Predictors of quality of life among adolescents with epilepsy in the State of Andhra Pradesh. Neurology India 2017, 65:1019-24.

9. Nagarathnam M, Latheef S. Prevalence of lower urinary tract symptoms in patients of benign prostatic hyperplasia attending tertiary care hospital in the State of Andhra Pradesh. Journal of Dr NTR University of Health Sciences 2017; 6:154-7.

10. Divya J, Hemalatha S, Bhagyalakshmi M, A study to determine the effectiveness of reminiscence therapy on the level of depression among older adults in selected old age home. IJPRBS, 2017; 7(6): 78-96.

11. Supriya S, Hemalatha, Bhagya Lakshmi M, to assess the bullying and victimization among high school children in selected schools, Tirupati, A.P. 2016; 5(1):

12. Mary Priyanka K, Sreelatha M, Sudha Rani P. A study to assess the knowledge on deworming practices among school teachers in corporate schools, International Journal of Applied Research 2017; 3(8): 653-6.

13. Kusuma V, Sreelatha M, Sudha Rani P. A study to assess the knowledge and attitude towards consanguineous marriages among adolescents in selected colleges of Tirupati International Journal of Applied Research 2017; 3(8) 524-5.

14. Chandrakala B, Kokilamma B, Sudha Rani P, Sreelatha M. A study to assess the knowledge on foot care among type -2 diabetic clients at SVIMS OPD, Tirupati, International Journal of Applied Research 2017;3(9):1-3

15. Divya D, Kokilamma B, Sudharani P, Sreelatha M. A study to assess the knowledge regarding measures to improve hemoglobin levels among adolescent girls at selected college, Tirupati, International Journal of Applied Research 2017;2(8):648-52.

16. Jeevitha C, Kokilamma B, Sudha Rani P, Sreelatha M. A study to assess the knowledge on prevention of transmission of tuberculosis among DOTS providers at selected DOTS centers, Tirupati. International Journal of Applied Research 2017;3(8):663-7.

37.6 Workshops conducted by the dept.

1. A workshop on BLS training programme in College of Nursing, SVIMS

37.7 Other academic activities

1. Organized Book Exhibition in the month of November 2017.

2. Organized Fire safety programme on 6th December 2017.

Students Participation:

1. M.Sc (N) & B.Sc (N) students attended Medical camp at Aswini Hospital, Tirumala during 15th April – 15th July 2017.

2. I & II Year M.Sc (N) students attended World TB Day on 24th March 2017.

3. M.Sc (N) students are participated in Tirupati athletic Championship organizing Bharatiya Vidya Bhavan;s & Sri Venkateswara Vidyalaya on 12th August 2017.

4. I, II Year M.Sc (N) & IV Year B.Sc (N) students attended General Medical Camps & Voluntary Blood Donation campus i.e. 27-03-17, 14-10-17, 15-10-17, 31-10-17, 07-12-17 & 08-12-17

5. II M.Sc (N) Community Health Nursing students participated in World Diabetes Day on 14th November 2017 .

6. B.Sc (N) & M.Sc (N) students participated in World AIDS Day Rally on 1st December, 2017

7. All B.Sc (N) & M.Sc (N) students have participated International Yoga Day events on 21st June 2017

8. IV B.Sc (N) students participated in Srivari Salakatla Brahmotsavam, Tirumala during 23rd September – 1st October 2017.

9. II & III B.Sc (N) participated in Fire Safety training programme at College of Nursing, SVIMS on 6th December 2017.

10. Mr. N. Chandra Sekhar, III B.Sc (N) student participated in South Zone Badminton KL University at Vijayawada during 6-10 December 2017.

11. I Year M.Sc (N) & IV Year B.Sc (N) students attended Medical Camp at Tirumala for Sri vari salakatla Bramhostavam during 28th December – 2nd January 2018.

12. The Apollo Home care Ltd, Bengaluru and Apollo Medskills Limited conducted campus interview for II Year M.Sc (N) students during 3-4 August 2017; more than 75% students were selected.

13. Narayana Medical College Hospital, Nellore conducted campus interview for IV Year B.Sc (N) students; more than 60% of students were selected on 5th August 2018.

14. Sai College of Nursing, Rajamundry conducted Campus interview for IV Year B.Sc (N) students; more than 60 % of students were selected on 6th August 2017.

38.0 COLLEGE OF PHYSIOTHERAPY

Professor & Principal i/c
Dr K. Madhavi

Faculty

Dr A.Viswanath Reddy
Dr V.Srikumari
Dr C. Shanthi
Mr K. Senthil Kumar

Tutors

Mr C. Govardhan
Ms N. Kavitha
Mr M. Suresh Kumar
Ms G. Kameswari
Mr S. Raghava Krishna

38.1 Awards, achievements and felicitations

1. **Dr K.Madhavi,** Professor and Principal i/c received "State Best Teacher Award" from State Government of Andhra Pradesh at Vijayawada on 5th September 2017.
2. **Dr C.Shanthi,** Assistant Professor Received "Significant Contribution Award" by 55th Annual conference of Indian Association of Physiotherapy at Ranchi, Jharkhand during 3-5 February 2017.
3. **Ms P. Vijay Kiranmai,** MPT 2nd year (Neuro) student got best poster award in P.G. Student category in International Seminar – ISHPSY-2017 Organised by Department of Psychology at S.V.University, Tirupati on 25th September 2017.

38.2 Research project

Ongoing Research

Dr A.Viswanath Reddy, as Principal Investigator for the following projects

1. **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) **No funding.**
2. **Title:** "A comparative study on the effective of paraffin wax therapy with manual mobilization versus ultrasound therapy with manual mobilization on pain, range of motion and functional status of shoulder in diabetic subjects with adhesive capsulitis" Co-investigators Dr K.Madhavi and Mr.S.Raghava Krishna, Institutional ethics committee of SVIMS reviewed the research protocol on 11.01.2016 and approved it vide IEC (No: 502) on 13.02.2016 **No funding.**

38.3 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 trial (PhD). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

Dissertations submitted

1. Chaithanya. The effectiveness of resistance training using therabands on strength of shoulder musculature in female volley ball players.
2. Kasturamma M. Effects of hip muscular strength on knee ROM and functional activity in post operative total knee replacement subjects.
3. Anupriya S. To study the influence of early physiotherapy intervention on joint ROM and joint stability and quality of life in unilateral total hip replacement surgery.
4. Venkatesh K. Effectiveness of mobilization techniques on post operative elbow fractures to prevent stiffness.
5. Nirosha. To study the influence of aerobics on body composition and lung function in over weight and obese female subjects.
6. Mohan Kumar K. Effectiveness of rotator cuff muscles strengthening after Bankart repair in patients with recurrent shoulder dislocation.
7. Divya SR. To study the influence of Swiss ball exercise and EMG Bio-feedback on diastasis recti in post partum women.

8. Kusuma K. To study the influence of progressive resistance training and Yogasana on body composition, insulin resistance, hyper-cholesterolemia and exercise capacity in PCOS individual.

9. Rathna Kumari D. To study the influence of therabite exercise on pain, mouth opening and quality of life in post surgical oral cavity cancer individuals with trismus.

10. Sruthi TVK. Comparison between two physiotherapeutic approaches for improvement of strength of gait in sub acute stroke patients.

11. Harika B. The effect of transcutaneous electrical nerve stimulation combined with stretching techniques on post stroke spasticity patients.

12. Lakshmi. To know the effectiveness of rocker board training programme on trunk balance and gait in subjects with stroke.

Ongoing Dissertation work

1. Swapna Kumari K. Effectiveness of interval walking and continuous walking training on glycemic control in people living with T2 DM (MPT).

2. Prasad C. Effectiveness of TENS in pain and range of motion in total mastectomy patients (MPT).

3. Bindhu P. Efficacy of smart phone apps and influence of digital technology to enhance the motivation and physical activity in adults (MPT).

4. Kiranmai PV. Effect of electrical stimulation and TENS on wrist flexors spasticity and hand function in subjects with stroke (MPT).

5. Jalaja D. Effect of PNF on circumductory gait functional mobility in hemiparetic patients with stretchings (MPT).

6. Hema P. To findout the proprioceptive based training on bilateral upper limb in stroke (MPT).

7. Yamuna A. Effectiveness of scapulothoracic and glenohumeral mobilizations on pain and range of motion in diabetic PA shoulder (MPT).

8. Triveni T. Effectiveness of electrical stimulation and muscle energy technique on extensor leg following TKR subjects (MPT).

9. Saddam Hussain Sk. Effect of mobilizations and resistive exercise on functional performance, pain in osteoarthritis of knee individuals (MPT).

10. Chinna Vengaiah B. Effect of therabands exercise and free weight resistance training on strength of rotators in badminton players (MPT).

11. Ms.Vyshnavi. To find out the association between Treadmill and Stationary cycle on Vo2 max (MPT).

12. Jessie kamal J. Effectiveness of multi Gym Vs conventional resistance training for knee and ankle musculature on strength and jump performance in male basket ball players (MPT).

38.4 Conferences attended/ Lectures delivered

Dr K.Madhavi, attended the following:

1. Participated in the 104th Indian Science Congress at S.V.University, Tirupati during 3-7 January 2017.

2. Participated as resource person during "Physiocon 2K17" National Physiotherapy Conference at GSL Medical College Campus, Rajamahendravaram during 10-11 March 2017.

3. Gave an enlighting speech on Establish "D3" (Diagnose, document, deliver) to do research – The facts in physiotherapy, in Physio Bliss 2017. Theme: Physio concord – Towards a new dawn, organised by PPG College of physiotherapy at Coimbatore during 15-16 June 2017.

4. World Conference on Exercise Medicine, Malaysia – 2017 and delivered a paper on Exercise to treat cardio-respiratory disease at Langkawi Island, Malaysia during 19-21 November 2017.

5. Resource person at the 1st Manipal International Physiotherapy Conference (MIPCON-2017) as a judge for Scientific Paper Presentations Under Junior/Senior Category Innovative technologies in Rehabilitation in the symposium on Cardiopulmonary Rehabilitation organised by Manipal Academy of Higher Education, Manipal during 7-9 December 2017.

Dr A.Viswanath Reddy, Delivered a lecture on "Advanced Methods of strength testing" in National physiotherapy conference SPICE 2017 at Vel's University, Chennai during 16-17 March 2017.

Dr V.Srikumari, Dr C.Shanthi, Mr C.Govardhan Ms N.Kavitha, Mr. M.Suresh Kumar,

Mr S.Raghava Krishna attended a lecture cum practical workshop on Horizons in Exercise and Health (NHEH-2017) organised by Department of Zoology at SV University, Tirupati during 4-5 August 2017.

Dr C.Shanthi, participated and delivered a paper presentation on role of physiotherapy in women enhancing sports performance in UGC-sponsored national conference on the role of Women's participation in sports for women empowerment organised by Department of Physical Education at Sri Padmavathi Mahila Viswavidyalaym, Tirupati during 22-23 March 2017.

Dr V.Srikumari, has participated in International Conference on cognitive science and artificial intelligence (ICCSAI – 2017) at Sri Vidyanikethan Engineering College, Tirupati during 5-7 July 2017.

55th Annual conference of Indian Association of Physiotherapy at Ranchi, Jharkhand during 3-5 February 2017.

- Dr C.Shanthi, participated and delivered a lecture on Role of Isokinetic device in physiotherapy.
- Ms C. Archana, Clinical therapist has participated and delivered a lecture on Effectieness of aerobics and high forced excentric exercises in type –II diabetic population.

Dr C.Shanthi, Dr V.Srikumari, Mr K.Senthil Kumar, Mr M.Suresh Kumar, Mr S. Raghava Krishna, participated in the 104th Indian Science Congress at S.V.University, Tirupati during 3-7 January 2017.

Ms N.Kavitha, Mr M.Suresh Kumar, attended International Conference organised by Krupanidhi College of Physiotherapy at Bangalore during 24-25 November 2017.

Ms G. Kameswari, Mr S. Raghava Krishna, attended at MIPCON 1017 conference presented a paper on "Effectiveness of Roker board training on trunk balance and gait in sub acute stroke patients at MAHAE, Manipal during 7-9 December 2017.

38.5 Publications

1. Madhavi K, Kameswari G, Divya SR. To study the influence of Swiss ball exercise on diastasis recti in post partum women. Int Educational Sci Res J 2017; 3:43-51.
2. Madhavi K, Asha Jyothi K, Kusuma K. To study the influence of progressive resistance training and yogasana on body composition, fasting plasma glucose in PCOS (Polycystic ovarian syndrome) individuals. Int Educational Sci Res J 2017;3:1-9.
3. Rathnakumari, Madhavi K, Raghava Krishna S. To study the influence of mandibular exercise on pain, mouth opening and quality of life in post-surgical oral cavity cancer individuals with trismus. Int Educational Applied Sci Res J 2017;2:6-8.
4. Shanthi C, Madhavi K, Supriya PC, Teja P, Anandraj V, .Dilli Prasad. A study to analyse the Isometric strength and Isokinetic peak torques of hamstring and quadriceps at different angles and angular velocity of knee using Isokinetic device in normal individual. IJPRBS 2017;6(5):90-8.

38.6 CMEs/Workshops conducted/ lecturer deliverred.

CME

1. A workshop on "PNF Technique (Advanced Neurophysiotherapeutic techniques) by Dr Sunil Kumar Reddy, Jenia Clinic, Tirupati on 18th March 2017.
2. A workshop on "Manipulation techniques" by Dr Pearlson, Professor, Padmashree College of Physiotherapy, Bangalore at College of Physiotherapy, SVIMS during 20-25 March 2017.
3. Guest lecture cum workshop on "Research Methodology – Practical steps to prepare a Research proposal" by Dr G.Arun Maiya, Chair Research, School of Allied Health Sciences, Manipal University, Manipal at on 3rd September 2017.
4. World Physiotherapy Day theme on "Healthy Aging" the awareness programme on 8th September 2017.
5. Dr A.Viswanath Reddy, delivered a lecture on "Spinal cord injuries and role of rehabilitation" in the CME, organised by College of Physiotherapy on 9th December, 2017.

Guest lectures

1. Virtual reality and Physiotherapy by Mr.Sanjai Ph.D scholar, USA on 9th January 2017.
2. Diabetic foot ulcer and physiotherapy management by Dr Arun Maiya, Assoc. Dean, MAHE, Manipal on 6th February 2017.
3. Role of sports physio in cricket team by Dr K.Gayathri, Senior Physiotherapist for Women Cricket Team- Andhra Cricket Association, and Vijayawada on 6th April 2017.

38.7 CMEs / Workshops attended

1. Dr C. Shanthi Mr. M. Suresh Kumar, attended CME on "Proprioceptive neuromuscular facilitation technique" at SVIMS on 18th March 2017.
2. Dr C.Shanthi, Dr V.Srikumari, Mr C.Govardhan, Mr. M.Suresh Kumar, Mr.S.Raghava Krishna attended a workshop on Integrated manual therapy at SVIMS during 20-25 March 2017.

38.8 Other academic activities:

1. Dr K.Madhavi, Organized International Yoga day at SVIMS, Tirupati on 16th June 2017.
2. Organized Teacher's day at College of Physiotherapy, Tirupati on 5th September 2017.
3. International Peace Day was organised on 21st September 2017.
4. Campus interview by Portea firm, Bangalore on 2nd November, 2017.
5. Organizing personality enrichment sessions for the benefit of students and staff on 4th Friday of every month by various eminent persons.
6. Organizing Spiritual lectures for the benefit of students and faculty on 3rd Tuesday of every month by the devotees of ISKCON Tirupati between 4:00 pm to 5:00 pm at Sri Padmavathi auditorium.
7. Participated in medical camp conducted by SVIMS.
8. A project sanctioned by Department of Social Justice and Empowerment (Scheme for implementation of persons with disability act, SIPDA) granted for 50 lakhs and is under process

Extracurricular activities by students

Ms. Sai Meghana, BPT secured all India 4th place in essay writing competition conducted by Ramachandra Mission December, 2017

Ms. Shiridi Mai and Ms. Sai Meghana, BPT secured 2nd place all over India in essay writing competition conducted by Ramachandra Mission

Ms. Shiridi Mai and Ms.Vivardhini secured 2nd place conference cultural programmes and organised by Krupanidi College of Physiotherapy, Bangalore during 24-25 November 2017.

39.0 DEPARTMENT OF PLASTIC SURGERY

Assoc. Professor & Head
Dr Praveen Kumar Reddy C.V.

39.1 Conferences / Workshops attended

Dr Praveen Kumar Reddy attended the following:

1. Workshop on Breast Reconstruction in Cancer at Taraka Rama Cancer Hospital, Hyderabad in July 2017.
2. 51st APSICON National Plastic Surgery Conference at KOCHI, Kerala in November 2017.

40.0 DEPARTMENT OF RHEUMATOLOGY

Assistant Professor & Head
Dr K. Sireesha

Faculty
Dr S.Aparna

Residents
Dr.G.Sirisha

40.1 Thesis work carried out in collaboration with other departments

Theses submitted

1. **Ganesh V.** Association of serum adiponectin with disease activity in patients with Rheumatoid arthritis. Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.
2. **Kureti Harshavardhan rao,** Singaraju Ijitha ,Mallu Sowmya. A study on prescribing pattern in the management of osteoarthritis and rheumatoid arthritis in a teritiary care hospital. Tirupati: Sri Venkateswara Institute of Medical Sciences; 2017.

40.2 Conferences attended, lectures delivered

1. **Dr K.Sirisha** attended the SZIRACON, and delivered a lecture on "Connective tissue disease related pulmonary hypertension- state of the art therapy" at Hyderabad in May 2017.
2. **Dr S.Aparna** attended the Indian Science Congress presented oral paper on "Insulin resistance and type 2 diabetes mellitus" and presented a poster on "Efficacy and safety of azathioprine in patients with severe systemic lupus erythematosus" at Tirupati during 3-7 January 2017.

40.3 Publications

Book chapters:

1. **Sirisha.K, Narasimulu.G.** Pregnancy. B.R.Bansode, A.Muruganathan,editors."SLE and pregnancy": Medicine Update. Mumbai: Urvi compugraphics; 2017. P.513-517.
2. **S.Aparna Reddy,** Alladi Mohan. Ved Chaturvedi editor. "Sarcoidosis": Manual of Rheumatology, Fifth edition. New Delhi: CBS Publishers and Distributors pvt. Ltd. 2017, chapter 74, P.674-93.

40.4 CMEs/Seminars/Workshops attended

1. **Dr K.Sirisha** attended the CME "Glucocorticoids in clinical practice: A critical appraisal" and presented lecture on "Overview of steroid therapy in disorders of rheumatology" at SVIMS Tirupati on 4th March 2017.

Dr S.Aparna attended the following :

1. CME "Glucocorticoids in clinical practice: A critical appraisal" at SVIMS Tirupati on 4th March 2017.
2. PIDCON at Bangaluru during 12-13 March 2017.
3. IRA Scholars Retreat – workshop on paper writing at Bangalore in April 2017.
4. SZIRACON and delivered a lecture on "Skin in rheumatic diseases- A bird eye view" at Hyderabad in May 2017.

X CENTRAL FACILITIES

X Central Facilities

1.0 IT Department :

The Department of Information Technology Services is composed of 9 organizational units:

1. Application Development, Database Management system, Operating system up gradation depending on the version, Hospital management system Administration and Operations
2. Systems Administration and Server Infrastructure, Academic Computing, Security.
3. Network Administration and Infrastructure
4. Internet and Web Services
5. Technical Service Field Support, Classroom Technology
6. Multifunction Devices and video display technology
7. Computer Store and Printing Services
8. Procurement and Office Management with preventive maintenance
9. Planning and Leadership.

- Application / Database Server and Software Maintenance
- Upgrading IT Infrastructure
- Network Operations & Remote Services
- Offline Program Development
- Server Hardware Operations
- Proxy Server Security and Storage
- Client Security Management
- Enterprise operations
- Visual effect support
- VPN Server for Website Designing and maintenance
- Hospital Management Information System
- National Knowledge Network
- NO Queue Server Maintenance

Maintenance, repair and operations involve fixing any sort of mechanical, electrical, electronic device with scheduled maintenance, preventive.

The Hospital Management Information System (HMIS) in SVIMS was implemented in the year 2013. Till now, we are following the Workflow based ICT solution. The HMIS 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.

The Hospital Management Information System Project developments in the year 2017

1. Developed fully integrated HMIS for various areas of the hospital – Emergency Services, Operation Theatre, Diagnosis and MIS Reports
2. 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. Availability of relevant real-time information and allow billing to be automated with data entry as well as introducing various Smart techniques in billing mode.
4. Security Alerts increased to avoid and minimize human errors.
5. All HIS modules are integrated with the Billing module, Credit and Insurance billing, and reimbursements with departmental revenue reports.

Other Technologies / solutions employed for Patient better service through Hospital Management system

1. Payment is also possible via credit card/Debit card etc through swiping and Credit authorization for cashless transactions and reimbursement for patients
2. Customized SMS Gateway for alerts to employees and patients
3. Surgery and Anaesthesia Management with scheduling in offline database mode as well as in intranet mode
4. Pharmacy and inventory management – Purchase Order Management integrated with Finance module

Innovative practices in Patient care services

1. Appointment system through Mobile Application
2. Laboratory reports of Diagnostic Departments through Mobile

Innovative plans under progress

1. Appointment system using Multiple portals (Web, Smart Card etc) through ORS
2. OTPI reporting system for KPI
3. Paperless Blood collection area: this has been linked with a pneumatic chute system to transfer samples from the collection point to lab areas, thus minimizing delay and human error.
4. A system of optional alerts for lab results which are grossly abnormal or presumed to have a high clinical impact.
5. Surgery and Anaesthesia Management with scheduling, automated billing.
6. Pharmacy management – Quotations and Purchase Order Management integrated with Finance module, Stores, Dispensing and Returns.

Future projection areas of IT

1. The main Aim for the future is moving towards a paperless hospital with Electronic Medical records (EMR) and a good decision support system.
2. ERP Solutions for service book payroll, Academics, Library is going to introduce in coming Future.
3. 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.

Growth level of Hardware in connection with HMIS and Departmental activities

The HIS 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.

The Hardware related to HMIS and Departments usage is:

S. No	Hardware	Existing Nos.	Added during (2017)
1	Personal computers	526	31
2	Printers	459	29
3.	Scanners	51	08
4.	LCD projectors	52	01
5.	Barcode Scanners	25	01

When compared to previous year with the gradual increase of patient flow and academic work includes additional procurement of Personal computers, printers, scanners and projectors during the year 2017

Internet services through NKN (National knowledge Network):

NKN is designed to provide high availability, Quality of Service, Security and reliability. Our institution is facilitated with 100Mbps robust bandwidth speed.

- The Gradual Increase with 30 connections during the year 2017 when compared to previous years are 380 in number under the Utilization of the Internet for academic work as well as research.
- WiFi access to SVIMS campus and neighbouring buildings

2.0 CENTRAL LIBRARY

SVIMS University has an excellent health science library situated in the newly constructed spacious building with State-of-Art facilities with collection of 11011 Text books, subscription of 164 print journals (99 Foreign : 65 Indian) for the year 2017. The National Medical Library, New Delhi provided membership in the ERMED Consortium to SVIMS University to access 241+ E-Journals with back issues on free of cost. The Central Library is having 6865 back volume journal collection dating back to 1993. The Library is well equipped with modern facilities such as e-learning to access internet and web resources including online journals and e-books. All library services being automated on modern line by adopting KOHA Library Automation Software. The computerization of collections is under process which will accessible through OPAC. There is a computer lab consists of 35 nodes to access e-resources for library users on free of cost. The main thrust

of the library continues to be improvement, of quality of services and facilities, achieving high degree of user satisfaction and modernization of its activities and operations. The library main aim is to provide right information to the right user at the right time.

Library timings

The Central library is kept open on all the days in a year except on January 26th and August 15th being national holidays.

1. Monday to Saturday : 9.00 A.M. to 12.00 Midnight
2. Sundays : 10.00 A.M. to 4.00 P.M.
3. Festival holidays : 10.00 A.M. to 5.00 P.M.

Library Resources

The total collections of library resources during 2017 is as follows:

Collections	Added (during 2017)	Total
Text Books	538	11011
Journals (99 Foreign : 65 Indian)	164	164
Online journals	257	257
Back volumes of journals	200	6865
CD-DVD	12	399
Dissertations	171	1260

E- Library Resources

ERMED Consortium

The National Medical Library, New Delhi provided membership in ERMED Consortium to access 241+ e-journals with back issues at free of cost.

Facilities available:

Photocopying, laser printing, scanning, CD/DVD writing, Internet and Medlars search.

Computing Infrastructure:

The Central Library has computing infrastructure including 36 nodes, three printers and two scanners.

Staff Details:

1. K. Neelakanta Chetty - Librarian (Adhoc)
2. Dr A. Omkar Murthy - Asst. Librarian

The library has a team of librarian, Assistant librarian, 8 library assistants and three support staff members.

Staff academic activities:

Dr. A.Omkar Murthy, Assistant Librarian, attended to the International conference on 'Libraries beyond Boarders: Innovative trends, issues and challenges in knowledge dissemination (ICLBB-2017)' held at Christian Medical College, Vellore, Tamil Nadu on 18-8-2017 and 19-8-2017 and presented a paper entitled "Use of Electronic Information Resources in S.V. Engineering College, Tirupati".

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 (PCR machine), Real-time PCR, spectrophotometers, 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

SVIMS is continuing the principle of transparency in administration and providing information to the citizens of India under the Right to Information ACT 2005. Since the inception of the Right to Information ACT on 12th October, 2005, SVIMS has been involved in providing

information to the seekers as per the provisions of the RTI ACT.

D.Anand Babu, Asst. Director nominated as RTI Coordinator for receiving RTI applications, seeking information from PIO's, dispatching information to applicants and attending before the RTI commission whenever necessary.

Applications

No. of applications received	Information provided	Rejected under sections 8(1)(j,) (e),(g) & (h)
21	17	04

Appeals

No. of Appeals received	Information provided	Rrejected (j,)(e), & (h)
05	04	01

The following are the designated RTI officers

S. No	Designation	RTI Designation	RTI Information to be submitted on the Subject/s
1	Registrar	1st Appellate Authority	2nd level information to the RTI applicants, if not satisfied with the information provided by PIO
2	Hospt.Admn./RMO	PIO	Hospital Maintenance
3	Dy. Registrar	PIO	Academic matters, UG, PG admissions.
4	Personnel manager	PIO	All administrative matters related to establishment section.
5	Accounts Officer	PIO	All matters related to accounts and audit.
6	Dy.Director (PR)	PIO	All matters related to press, electronic media, medical camps
7	Dy.Director (S & P)	PIO	All matters related to Purchases
8	Medical Records Officer	PIO	All matters related to Patient care (OP/IP), reimbursement
9	General Manager (O)	PIO	All matters related to General Maintenance, manpower, shops, canteens and facilities to faculty & students.
10	NTRVSS MEDCO	PIO	All matters related to NTRVSS.
11	Asst.Director (SPMCW)	PIO	All matters related to Medical College, supporting facilities student, faculty and staff related matters.
12	Asst.Director (Exams)	PIO	All matters related to portaging to exams
13	Asst.Director (Billing)	PIO	All matters related to Billing
14	Asst.Director (Stores)	PIO	All matters related to Stores
15	Nursing Superindent	PIO	All matters related to Nursing Patient care, General facilities in the Hospital.
16	Senieor BME	PIO	All matters related to equipments and maintains.
17	Principal, CON	PIO	All matters related to faculty, students and teaching programmes
18	Principal, COP	PIO	-do-
19	Librarian	PIO	Books, Journals and facilities to readers
20	MSW	PIO	All matters related to medico social work.
21	Asst. Director D. Anand Babu	PIO & Coordinator	Receives RTI applications, arranges information to applicants from departments. Attends before RTI commissioner.

5.0 ANIMAL HOUSE

The Animal house at SVIMS was developed in 2004. Since then it has been adequately maintained by the Dept. of Microbiology till 2016. It has been taken over & maintained by Pharmacology department from 2016 onwards.

The animal house Establishment has not yet been approved by CPCSEA, but is expecting an inspection for its approval in near future.

Infrastructure

There are 5 spacious rooms to facilitate the free movement of the attendant and the animals with adequate light and ventilation. One room is approximately of 15x8 ½ feet in dimensions and other four rooms are approximately 7 ½ x 8 ½ feet.

One room each is used for accommodating the animals, quarantine, storage of feed, storage of cages and other items and one room for cleaning the cages. Regular cleaning of the rooms is carried out with disinfectants to keep the animals free from pests and vermis.

Physical separation of animals by species is maintained to prevent inter-species disease transmission and to eliminate anxiety and possible physiological and behavioural changes due to inter-species conflict.

A New Animal house is approved by APSMIDC for construction as per the specifications of CPCSEA requirements.

The CPCSEA registration is under the process for approval.

Animals: Adequate number of rabbits (12) & mice (04) are available.

Staff: Institution Animal Ethical Committee Members

S.No.	Name of the Member
01	Dr. M. Hanumatha Rao M.D., Chairman (Scientist)
02	Dr. K. Umamaheswara Rao, M.D., Member (Biological Scientist)
03	Dr. R.V. Suresh Kumar M.V.Sc., Member (Veterinarian)
04	Dr. P.V.G.K. Sharma, Ph.D., Member (Scientist Incharge of Animal house facilities)
05	Dr. K.R. Subash M.D., Member Secretary (Scientist)

Animal attendant:- Takes the animals to a veterinarian who treats them whenever there is any infection/ disease.

Budget:- Depending on the population of animals, approximately Rs. 5000/- per month are spent for animals primarily for food.

Use of the Animals in SVIMS

1. In our institute the animals are being used by the department of Microbiology, Pathology, Biochemistry, Pharmacology and Biotechnology for postgraduate teaching and research purpose.

2. The IAEC Animals Ethical committee (IAEC) looks after ethical issues of animal experiments.

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 (Assistant prof. of Pharmacology) is the deputy coordinator & is supported by PVPI representative Dr. P.S.S.Durga Devi as a Patient Safety Pharmacovigilance Associate. Total 628 Adverse Drug Reactions were reported from various departments of SVIMS from January, 2017 to November, 2017.

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. 34 ADR notification drop boxes (red boxes) were fixed in all IPDs & OPDs of SVIMS and Sri Padmavathi Medical College Hospital.

4. Sensitization programmes to various clinical departments are done periodically.

5. Conducted workshop on “Pharmacovigilance & ADR Reporting” for fifth year Pharm-D students on 20-09-2017.

6. Assigned research projects to Pharm-D students in Pharmacovigilance.

7. Conducting monthly review meeting on Pharmacovigilance activities on the first Friday of every month.

8. Visiting peripheral hospitals like Balaji Institute of Surgery, Research and Rehabilitation for the Disabled (BIRRD) Hospital to improve ADR reporting.

9. Sensitization programme to school teachers, students on deworming day, which was conducted on 10-02-2017.

Causality assessment committee:

Causality Assessment Committee (CAC) was constituted on 21-10-2016 to establish a causal relationship between the adverse events and drugs of the reported cases.

The following are the members of CAC:

1. Dr.K.Umamaheswara Rao,
   Prof & Head of Pharmacology - Chairman

2. Dr.B.Siddhartha Kumar,
   Prof. of Medicine - Member

3. Dr.K.Vijaya Chandra Reddy,
   Asst. Professor of Pharmacology - Member

The committee meets in the timely manner and responsible for causality assessment of each reported case.

7.0 BALAMITHRA CRECHE

Balamithra 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 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 equipments and keep healthy.

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 SVIMS CLINIC

SVIMS clinic was inaugurated on 21/12/2017 by the Hon'ble Minister for Health and Medical Education, Dr Kamineni Srinivas. This new clinical facility was planned to decongest the current OPD block and to provide a 'under one roof' facility to the patients from TTD / SVIMS staff and their dependents and for patients covered under the 'Working Journalists Health Scheme'. At present, OP consultation is provided for the following facilities: Cardiology, Cardiothoracic Surgery, Neurology, Neurosurgery, Medicine, Surgical gastroenterology, Endocrinology, Nephrology, Urology, Surgical oncology, Medical oncology and Radiotherapy. The facility started functioning from 25/01/2018 providing registration, OP consultation and diagnostic services. Among the laboratory services, blood and other biological sample collection, X-ray, ultrasound, ECG & Echocardiography investigations are provided.

9.0 Engineering Works (2016-17)

9.1. Engineering Division, TTD, SVIMS:

The Tirumala Tirupati Devasthanams established a separate Engineering Division for execution of Capital and Maintenance works with the following:

Executive Engineer
Mr CH. Ravi Prabhakar

Dy. Executive Engineers
Mr P. Damodaram
Mr M.U.Shareef

Asst. Engineers / Asst. Executive Engineers
Mr K. Suresh Reddy
Mr C. Murali Mohan

Technical Officer
Mr D. Sobhan Babu

Asst. Technical Officers
Mr S. Kishore
Mr N. Luther Babu

Junior Assistant
Mr N. Ravi

Assistant
Smt P. Santhi

Works completed in SVIMS, Tirupati during the financial year 2016-17

Sl.No.	Name of the work	Cost in Lakhs (Rs.)
1	Construction of Central Library building	675.00
2	Construction of 3rd floor over P.G resident doctors Hostel building	118.00
3	Construction of Additional Quarters for P.G Resident Doctors	700.00
4	Laying of B.T Renewal coat for internal roads in the premises	65.00
5	Providing Chain link fencing and cement concrete to pavers flooring to water pumping yard	8.20
6	Proposed Compound wall around garden in front of OPD Block	4.90
7	Construction of Indoor 33/11 KV Substation in SVIMS, Tirupati	63.00
8	Construction of Generator room extension	27.00
9	Construction of Dialysis extension and patient Special Rooms complex	482.70
10	Construction of High dose therapy block near Nuclear Medicine ward in service block	102.00
11	Construction of Ultra sound & Mamography DSA lab	70.65
12	Construction of Molecular Biology research lab	630.00
	Maintenance	
13	Annual Maintenance of Girls hostel, Boys hostel, P.G & Vedic P.G (Ladies) Hostel and Bio- Technology Buildings in the premises.	9.25
14	Annual Maintenance of Director Bungalow, Old Staf Quarters, Old Professors Quarters, New Professors Quarters & Asst. Professors Quarters in the premises.	7.50
15	Annual Maintenance of roads in the premises of SVIMS.	3.50
16	Annual Maintenance of Central Block	9.00
17	Annual Maintenance of OPD Block	9.00
18	Annual Maintenance of Specialty block	9.00
19	Annual Maintenance of Administrative Block, Attendants Choultry	9.00
20	Annual Maintenance of service block, oncology and laundr	7.50
21	Annual Maintenance of Canteen, College of Physiotherapy and College of Nursing	7.50
22	Annual Maintenance of Water proof repairs and leakages of all buildings	5.00
	Total	**3022.70**

Work in progress during the current financial year 2017-18

S. No.	Name of the work	Estimated Cost in Lakhs Rs.
1	Painting to Director's Bungalow in the premises	2.00
2	Providing sanitary line connection from old staff quarters to UDS line in the premises	6.00
3	Construction of third floor over the existing OPD block for casualty extension, medical wards, Microbiogy lab, Operation theaters, examination hall & seminar hall	480.00
4	Annual Maintenance of Girls hostel, Boys hostel, P.G & Vedic P.G (Ladies) Hostel and Bio- Technology Buildings	9.25
5	Annual Maintenance of Director Bungalow, Old Staf Quarters, Old Professors Quarters, New Professors Quarters & Asst. Professors Quarters	7.50
6	Annual Maintenance of roads in the premises of SVIMS, Tirupati	3.50
7	Annual Maintenance of Central Block	9.50
8	Annual Maintenance of OPD Block	9.50
9	Annual Maintenance of Specialty block	9.50
10	Annual Maintenance of Administrative Block, Attendants Choultry	9.50
11	Annual Maintenance of service block, oncology and laundry	7.00
12	Annual Maintenance of Canteen, College of Physiotherapy and College of Nursing	7.00
13	Annual Maintenance of Water proof repairs and leakages of all buildings	5.00
	Total	**565.25**

Works approved and to be grounded

S. No.	Name of the work	Estimated Cost in Lakhs Rs.
1	Providing Lift and attendants waiting halls for VVIP patients adjacent to Special rooms	100.00
	Total	**100.00**

New proposals to be sanctioned

S. No.	Name of the work	Estimated Cost in Lakhs Rs.
1	Beautification and widening of road from Valmiki circle to NTR Circle in SVIMS, Tirupati.	180.00
2	Construction of Institute of Cardiac Sciences building	4100.00
3	Formation of road in between Alipiri Pudipatla road to Padmavathi General Hospital	200.00
4	Construction of three floors over existing second floor of Boys hostel and additional floor over existing first floor of Dining hall	600.00
5	Proposed Construction of Drain from SVIMS main building to culvert at SVIMS main road near Valmiki circle	140.00
6	Proposed Construction of out door play ground stadium (Track& Field) for staff and students in SVIMS premises	50.00
7	Construction of additional floor over existing Dining hall to Girls Hostel	55.00
8	Proposed Construction of Indoor Stadium and Recreation Facility for Staff and Students	198.00
9	Providing 1.0 MLD sewage plant	200.00
10	Providing pipe lines for 1.00 M.L.D Tertiary Sewage Treatment plant	85.00
11	Elevated service 5.00 Lakh liters for SVIMS	135.00
12	Construction of Additional 3 floors over existing 2 floors of patients attendants choultry Opposite to SVIMS OPD Building.	500.00
13	Construction of Additional 2 floors over existing floors of Dialysis block .	400.00
14	Construction of Additional floor over existing the New Ultrasound building for Seminar hall and class rooms.	100.00
15	Proposed Laying of floor tiles in left over area in SVIMS Hospital,	50.00
16	Proposed Water proof treatment in left over area on roof of Specialty block in SVIMS.	20.00
17	Proposed parking facility for 4 wheeler vehicles belongs to patients near Nursing college.	20.00
18	Proposed Galvalume shelter over existing parking of 4 wheelers and 2 wheelers area in front of central block in SVIMS,	20.00
19	Providing SS Railling protection to Garden in front of OPD block in SVIMS.	5.00
20	Annual Maintenance of Girls hostel, Boys hostel, P.G & Vedic P.G (Ladies) Hostel and Bio- Technology Buildings for the year 2018-2019	9.25
21	Annual Maintenance of Director Bungalow, Old Staf Quarters, Old Professors Quarters, New Professors Quarters & Asst. Professors Quarters for the year 2018-2019	7.50
22	Annual Maintenance of roads in the premises of SVIMS, Tirupati for the year 2018-2019	3.50
23	Annual Maintenance of Central Block for the year 2018-2019	10.00
24	Annual Maintenance of OPD Block for the year 2018-2019	10.00
25	Annual Maintenance of Specialty block for the year 2018-2019	10.00
26	Annual Maintenance of Administrative Block, Attendants Choultry for the year 2018-2019	10.00
27	Annual Maintenance of service block, oncology and laundr for the year 2018-2019	10.00
28	Annual Maintenance of Canteen, College of Physiotherapy and College of Nursing for the year 2018-2019	10.00
29	Annual Maintenance of Water proof repairs and leakages of all buildings for the year 2018-2019	5.00
	Total	**7143.25**

9.2. Engineering Division, APMSIDC

Executive Engineer

Sri.T. Nagesh

Divisional Accounts Officer

Sri. T. Jayaprakash

Dy. Executive Engineers

Sri. P. Dhananjaya Reddy

Sri. G.V. Munikrishnaiah

Sri. Thata Rao, Dy.EE (Elec)

Assistant Engineer / Asst. Executive Engineer

Sri. B. Sreenivasulu

Sri. G. Koteswara Rao

Sri. M. Chandra Reddy

Technical Officer

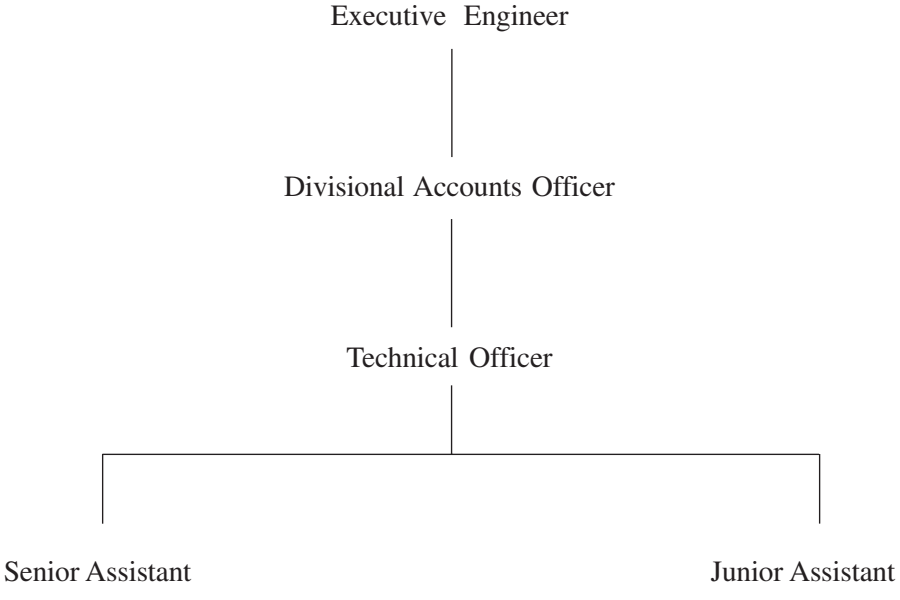
Sri. C. Nagaprasad Naidu

Sri. Ch. Subbrayulu

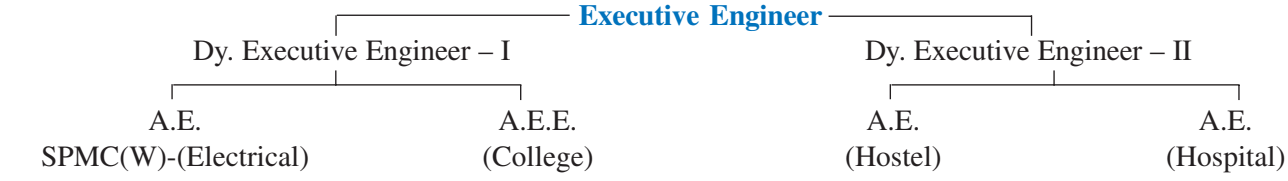
Senior Assistant

Sri. K. Mahudushana Reddy

Office structure



Field Structure



S. No.	Name of work	A.S. Amt. (Rs. In laksh)	Name of Agency and address	Agmt Amount (Rs. In lakhs)	Stage of Work	Expenditure (Rs. In lakhs) Upto last month	During the month	Cumu lative
1	Construction of College Building for SPMC (W)	3513	M/s. Tracks & Towers Infratech Pvt. Ltd., Hyderabad.	2679.27	Work completed and handed .over	3457.33	-----	3457.33
2 .	Construction of Hospital Building to SPMC (W)	10050	M/s. BPR Infrastructure Limited, Hyderabad.	7791.49	Work completed 4 floors handed over and 3 floors are to be handed over and it is under process	7540.34	-----	7540.34
3	Construction of Hostel Buildings to SPMC(W)	1640	M/s. B. Sreeni vasulu Reddy & Co., Kurnool.	1162.09	Work completed and handed over.	1232.94	-----	1232.94
4	Construction of Additional floor over the existing SPMC (W)	1900	M/s. Siddartha Constructions, Pulivendula.	1470.55	Work completed and handed over.	1470.55	-----	1470.55
		17103		**13103.4**		**13701.16**		**13701.16**
5	Providing External Fireyard Hydrant, Fire Fighting and Fire Alaram System for the Hospital Building at SPMC(W)	97	M/s. Advanced Protection Fire System, Hanumanpet Malajgiri,	77.00	Works . completed	22.37	-----	22.37
6	Providing external storm water Drain and South side compound wall to Hospital building at SPMC(W)	108	Sir. B. Lingappa, Ananthapuram	78.35	Works is in . progress	-----	-----	-----
7	Equipment	1000		----		1000	-----	1000

Phase-II								
1	Providing Play Grounds and CC road to SPMC at Tirupati	50	M/s. D.S. Infra Projects, Tirupati	50.00	Road work completed, Play ground work is in progress	-----	-----	-----
2	Construction of Compound wall to SPMC(W)	50.00	Sri. P. Venkata Krishna Reddy, B. Kodur, YSR District.	30.60 .	Work completed and to be handed over	-----	-----	-----
3	Construction of additional floors over E&F blocks of Hospital Buildings in SPMC (W)	2322	-----	-----	Tender process.	-----	-----	-----
4	Providing False Ceiling, Wall Panelling and Audio Visuals, Centralised Air Conditioners to Auditorium at SPMC (W)	115	-----	-----	Tender process.	-----	-----	-----
5	Providing 10 Nos of Modular OTs for the Hospital building in the premises of SPMC(W)	480	-----	-----	Tender . process	-----	-----	-----
6	Providing VRV (VRF), Ductable AC Units, Cassette AC units (Centralised AC units) for ICU's Post Operative & Pre Operative wards and Clinical Lecturer Gallery etc., in SPMC(W)	310	-----	-----	Tender process.	-----	-----	-----
7	Construction of Mortuary Buildings in the premises of hospitals in SPMC(W)	125	-----	-----	Tender process.	-----	-----	-----
8	Construction of hostel building for Girls (Phase-II) in SPMC(W)	1800	-----	-----	Tender process.	-----	-----	-----
		5252				**22.37**	**-----**	**22.37**

9.3. Electrical Engineering Works (2016-17)

Electrical Engineering Department of the Tirumala Tirupati Devasthanams is extending full support in day to day needs from the date of establishment of SVIMS to till date.

The Superintending Engineer (Elec) is Head of the Department for TTD Electrical Engineering Department and the Dy.Exe.Engineer (Elec)-SBH under control of the Divisional Engineer (Elec)-II, TTD is concerned Electrical Sub.Division for SVIMS and one Asst. Engineer (Elec) is in charge for all kinds of Electrical works in SVIMS.

Considering all the existing electrical loads, the capacity enhancement from 11KV HT to 33 KV HT electrical service is in progress. To provide un-interrupted electrical supply with 750KVA DG set in addition to existing 500KVA DG sets (3 Nos) are available.

The department is providing centralized AC system in addition to the existing chiller plant and about 1,000 TR of AC plants.

The Lifts, UPS systems, all interrupted electrical installations, street lights etc. in the campus are maintained.

Asst.Engineer (Elec)
Er.D.Subramanyam Raju

Electrical staff of SVIMS (8Nos) | Out sourcing staff (18 Nos)

Woks completed in SVIMS during financial year 2016-17

S. No.	Name of the work	Cost in Lakhs
1	AMC for Window / Split / Multi split AC units in OPD building and other outside locations of SVIMS.	4.50
2	AMC of Centralized AC Plant (100 TR X5Nos.) of Voltas Make	7.50
3	AMC of Ductable packaged AC units at Male/Female and Pranadana Trust, Arogyasree ward in SVIMS.	4.00
4	Annual Maintenance of Water coolers and Refrigerators in SVIMS.	1.50
5	AMC for Window / Split / Multi split AC units in different labs and OT's in main building of SVIMS.	7.00
6	AMC of centralized AC plant in OPD(160TR X 2 Nos) of Voltas Make at SVIMS.	6.50
7	AMC for Repairs and Reconditioning of defective ceiling fans available in SVIMS.	2.00
8	AMC for maintenance of Transformers available in SVIMS.	5.00
9	Annual Maintenance of petty improvements in Electrical installations in Administrative block, Central block and Speciality blocks in SVIMS.	5.00
10	Replacement of damaged cables/ providing additional UG cable for increased loads / additional loads and other locations in SVIMS.	5.00
11	Supply of Electrical maintenance materials to SVIMS.	9.00
12	AMC for UPS systems & APFC Panels in Speciality Block, Administrative Block, blood bank and pathology in SVIMS.	10.00
13	Annual Maintenance of petty improvements in Electrical installations in OPD block, Service block colleges, Hostels, quarters and other locations in SVIMS.	5.40
14	AMC for AMF panels (Synchornization) M.V. Distribution panels and 11 KV VCB Panels (except major parts) in SVIMS Hospital.	6.00
15	AMC for UPS systems & APFC Panels in Operation theatres, Recovery rooms, Computer centre (HIMS) & Replacement of damaged system in SVIMS .	10.00
16	AMC for UPS systems in OPD Building, Biotechnology, Nursing college & replacement of damaged systems in SVIMS.	10.00
17	AMC for service contract for Johnson make Lifts	3.50
18	AMC of Service contract for Surya make Lifts	3.00
19	AMC for service contract for OTS make Lifts	2.60

20	Hire charges for providing Temporary illumination and Preparation of LED sets to SVIMS during Srivari Brahmostavams, Convocation & College day and other occasions.	1.50
21	Annual maintenance contract to DG sets & supply of B-Check materials to DG sets in SVIMS.	3.50
22	Supply, Installation, Testing and Commissioning of 2 Nos. of 13 Passengers (884Kgs) lift at Girls Hostel building	38.70
23	Supply, Installation, Testing and Commissioning of 750 KVA DG Set to the new Dialysis block.	70.00
24	Supply, installation, Testing and commissioning of centralized air conditioning system to newly constructed Dialysis block.	115.00
	Total	**336.20**

Works in progress during current financial year 2017-18

S. No.	Name of the work	Cost in Lakhs
1	AMC for Window / Split / Multi split AC units in OPD building and other outside locations of SVIMS .	4.50
2	AMC of Centralized AC Plant (100 TR X5Nos.) of Voltas Make	8.00
3	AMC of Ductable packaged AC units at Male/Female and pranadana Trusts, Arogya sree ward, in SVIMS .	4.50
4	AMC for Window / Split / Multi split AC units in different labs and OTS in main building of SVIMS .	6.50
5	AMC of centralized AC plant in OPD(160TR X 2 Nos) of Voltas Make	5.25
6	Replacement of damaged cables/ providing additional UG cable for additional loads in SVIMS ,	3.50
7	Supply of Electrical maintenance materials to SVIMS .	7.50
8	AMC for UPS systems & APFC Panels in Speciality Block, Administrative Block, blood bank	
	and Pathology in SVIMS .	9.00
9	AMC for UPS systems & APFC Panels in Operation theatres, Recovery rooms, Computer centre (HIMS) & Replacement of damaged system in SVIMS.	9.00
10	AMC for UPS systems in OPD Building, Biotechnology, Nursing college & replacement of damaged systems in SVIMS .	9.00
11	AMC for service contract for Johnson make Lifts	200
12	AMC of Service contract for Surya make Lifts	1.80
13	AMC for service contract for OTS make Lifts	2.60
14	Replacement of 2 Nos of AHUs and dismantling and shifting of 1 No of existing AHU Ducting system , Chilled water pipe line and split A.C.units etc., available in terrace and Installation in IInd floor of OPD Buidling at SVIMS .	
	Total	73.15

Works agreed and to be taken up during financial year 2018-19

S. No.	Name of the work	Cost in Lakhs
1	Supply, Installation Testing and commissioning of 33KV/11KV Sub-Station for SVIMS .	195.00

10.0 Purchase Section

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 various Equipment, surgical consumables, disposables, implants, medicines, chemicals, diagnostic kits, sanitary, stationery, linen, spares, instruments, furniture electronic items (Personal computers, printer, scanners) etc. Through e-tenders and Quotations.

All purchases above Rs. 3 Lakhs require the recommendations of purchase committee and above Rs. 15 Lakhs require the approval of Finance Committee.

Purchase Committee: Three types of purchase committee are constituted as follows

Purchase of equipment/ instruments costing (exclusive of taxes and duties)		
Rs. 25 lakhs and less	**Above Rs. 25 lakhs and below 1 Cr.**	**Rs. 1 Cr. and above**
Dr. P.V.L.N. Srinivasa Rao- PCCP Sr. Professor and In-charge purchase & Stores	Dr. P.V.L.N. Srinivasa Rao- PCCP Sr. Professor and In-charge purchase & Stores	The Director-cum-VC- Chairperson
-	The Medical Supdt.- Member	Medical Supdt., - Member
-	CAO., TTD- Member	FA & CAO., TTD – Member
The Executive Director – Member, APMSIDC, Hyderabad	The Executive Director – Member, APMSIDC, Hyderabad	Senior Professor and In-charge, Purchase and Stores – Member
Dr. Sharan B. Singh.M – Member, Prof. & Head, Dept. of Physiology	Dr. K. Umamaheswara Rao – Member, Prof. & Head, Dept. of Pharmacology	The Executive Director – Member, APMSIDC, Hyderabad
Dr. K.V. Sridhar Babu, - Member, Prof., & HOD Dept. of Blood Bank	Dr. K.V. Sridhar Babu – Member, Prof., & HOD Dept. Of Blood Bank	Dr. D. Rajasekhar, Sr. Professor & HOD, Dept. of Cardiology – Member
Dr. D. Hemanth kumar- Member, Assoc. Prof. Dept. of Anaesthesiology	Dr. B.V. Subramanian – Member, Assoc. Prof., Dept. Of Radiotherapy	Dr. T.C. Kalawat, Prof. & HOD, Dept. Of Nuclear Medicine – Member
Dr. B. Manilal – Member, Asso. Prof., Dept. of Surgical oncology	Dr. N. Anil Kumar, Prof., & HOD Dept. Of Urology – Member	Dr. V. Venkatarami Reddy, Assoc. Prof., Dept. Of Surgical GE – Member
Concerned HOD related to equipment – Member	Concerned HOD related to equipment - Member	Concerned HOD related to equipment - Member
Accounts Officer, SVIMS- Member	Accounts Officer, SVIMS – Member	Accounts Officer, SVIMS – Member
Sr. Biomedical Engineer – Member	Sr. Biomedical Engineer – Member	Sr. Biomedical Engineer – Member
Dy. Director (S&P) - Convener	Dy. Director (S&P) - Convener	External Expert – I – Member External Expert – II – Member Dy. Director (S&P) - Converner

Purchase Committee/ Negotiation Meetings held during 2017

1. Purchase committee meeting held on 23.01.2017 with regard to verification of documents of following equipments.
   - Simulators
   - Laboratory interfaces to various labs
   - Operation Theatre Tables
   - Semi Automatic Microtome
   - Bronchoscope
   - Blood Collection monitor
   - Mechanical Thrombo Phroplaxix Device
   - Air Compressor
   - E-Library Computer Accessories
   - A-Scan
   - Operating Mircroscopes
2. Specific purchase committee meeting held on 17.02.17 with regard to verification of documents relating to HDR Brachytherapy to the department of Radiotherapy.
3. Price negotitiation meeting held on 11.03.17 towards purchase of Germanium cylindrical phantom for PET CT system and MRI compatible pulse oximeter probes for use in the department of Nuclear Medicine & Radiology.
4. Negotiation held on 16.03.17 towards ABG machines to the department of Biochemistry. Agreement process completed. Period from 01.04.17 to 31.03.2017.
5. Technical meeting held on 22.03.2017 with regard to discuss on technical aspects with the publishers regarding web designing and maintenance, online manual script processing and printing and disturbing of the journal etc.
6. Negotiation held on 28.03.17 towards Hblc Analyser to the department of Endocrinology. Agreement process completed. Period from 07.02.2017 to 06.02.2022.
7. Purchase committee meeting held on 03.04.2017 with regard to purchase of following equipments
   - Portable ultrasound with echo cardiography probe to the department of Anaesthesiology.
   - LAN connection with Accessories to Medical records department
   - NEMA QC for PET –CT to the department of Nuclear medicine
   - Multi module monitor to the department of Emergency medicine
   - Bubble CPAP to the department of Paediatrics
   - CT workstation to the department of Radiology
   - Ultrasonic cutting and coagulation device
   - Furniture to various departments
   - Ultrasound machine for central venous catheterization
8. Specific purchase committee & Specification committee meeting held on 03.04.2017 towards purchase of HDR Brachytherapy equipment to the department of Radiotherapy.
9. Meeting was held on 24.04.17 with regard to implementation of Laboratory interfaces.
10. Price Negotiation meeting held on 08.05.17 towards purchase of Photo copier machine to MRD & NMA test to the department of Nuclear medicine.
11. A pre bid meeting was held on 09.05.17 with regard to running of cafeteria at SVIMS and canteen of SPMC (W) and had interaction with regard to the terms and condition of the tender document.
12. Pre bid meeting held on 10.05.17 with regard to Man power on outsourcing terms and conditions and to explain all the salient features to the followed while uploading the tender.
13. Pre bid meeting held on 15.05.17 with regard to CT scanner to the department of Radiology and discussion with regard to terms and conditions of the tender document.
14. Second round of pre bid meeting towards CT scanner held on 22.05.17 to discuss certain queries/ feedback of participated company representations.
15. Purchase committee meeting held on 28.06.17 to discuss with regard to purchase of following equipments .

- Nephroscope
- Micro Drive system
- CRW Stereotary
- Radio frequency lesion generator
- 68nos. Batteries for 80 kVA UPS
- Spare parts for Toshiba ultra sound scanner

16. Purchase committee meeting held on 29.05.2017 with regard to purchase of certain equipments.

17. A meeting held on 14.06.17 to discuss about the tariff in detail with regard to CT scanner to the Department of Radiology.

18. Negotiation held on 28.06.17 towards chemilumescence auto Analyser to the department of Endocrinology. Agreement process is pending.

19. Purchase committee meeting held on 15.07.17 towards purchase of 02 nos. Air compressors to Gas room.

20. Purchase committee meeting held on 27.07.17 towards purchase of 01no. Defibrillator & 06nos. Multichannel monitors to the department of Emergency medicine. May field skull clamp to the department of Neurosurgery.

21. Purchase committee meeting scheduled on 15.07.17 with regard to man power outsourcing (Nursing, Para & Non Para staff) to discuss on various points and to arrive a find decision before opening price bid.

22. An emergency meeting held on 27.07.17 with regard to manpower outsourcing on the report given by the standing council of SVIMS.

- Simulators to SVIMS
- Laboratory interfaces to various labs
- Operation Theatre Tables – 02 nos. to the department of C.T. Surgery
- Semi Automatic Microtome to the department of Pathology.
- Bronchoscope to the department of C.T. Surgery
- Blood collection Monitor to the department of Blood Bank
- Mechanical Thrombo phrophlaxix device to the department of Anaesthesiology
- Air compressor the General Manager (O)
- e-library computer Accessories to Central Library
- A-scan to the department of Ophthalmology
- Operating microscopes for Ophthalmology.

23. Price negotiation meeting held on 27.07.17 towards C-AMC for Philips high end colour Doppler system in the department of Radiology.

24. Pre Bid meeting held on 18.08.2017, with regard to man power outsourcing (Security and Sanitary), pharmacy no.01 to discuss on certain terms and conditions and to explain all the salient features to the followed while uploading the technical & financial lids.

25. Specific purchase committee meeting on 07.09.2017 with regard to purchase of 600 nos. tabs with e-content to all the MBBS Students & Mobile cancer Screening bus (Pink bus) to the department of Radiology.

26. Pre bid meeting held on 25.09.2017 with regard to TABS for MBBS Students, LAN connectivity for various departments & Furniture for various departments to discuss on certain terms and conditions and to explain all the salient features to be followed while uploading the technical bid and financial bids.

27. Pre bid meeting on 26.09.2017 with regard to Medical Shop No. 01 and pest and Rodent control to discuss on certain terms and conditions and to explain all the salient features to be followed while uploading the technical and financial bids.

28. Pre bid meeting held on 29.09.2017 with regard to both canteen to discuss on certain terms and conditions and to explain all the salient features to be followed while uploading the technical and financial bids.

29. Price negotiation meeting held on 09.10.2017 with regard to purchase of furniture to various departments.

30. Negotiation held on 13.10.17 towards DXC 600 unicel & AU 680 to the department of Biochemistry. Agreement process is pending.

31. Purchase committee meeting held on 17.10.2017 with regard to acceptance of single bid for setting up and running of CT Scanner (128 Slice) in the department of Radiology through PPP mode in 2nd e-tender itself. And purchase of IABP machine to the department of Cardiology.

32. Negotiation held on 23.10.17 towards sodium potassium electrolyte analyzer to the department of Biochemistry. Agreement process is pending.

33. Pre bid meeting held on 28.10.2017 with regard to Man power outsourcing (Nursing Para and Non Para medical) to discuss on certain terms and conditions and to explain all the salient features to the followed while uploading the technical & financial lids.

34. Supplementary of e-tenders for medicines, reagents & Diagnostic kits. Negotiation held on 01.11.17, approval is pending for finalization.

35. Specific purchase committee meeting for verification of documents of TABS on 06.11.2017.

Opening of Tenders

1. Manual tender for chemicals, glass ware, plastic ware & Culture media and other to all departments. Negotiation held on 03.05.17, approval is pending for finalization.

2. Opening of e-tenders on 24.05.2017with regard to Doctor's Cafeteria.

3. Opening of manual tender for Air compressor to General Manager (Operations) on 24.05.2017.

4. Opening of e-tenders on 25.05.2017 for nursing staff.

5. Opening of e-tenders on 25.05.2017 for nursing staff.

6. Price bid opening & Price negotiation meeting held on 10.07.2017 towards purchase of Air compressor for Gas room to the department of GM(O).

7. Opening of Manual tender for Air compressors for gas room to the department of GM(O) on 29.07.2017.

8. Technical discussion & Price bid opening held on 08.08.2017 towards purchase of Air compressor for gas room to GM(O).

9. Manual tender bids opening held on 17.10.17 towards liquid base cytology for pathology laboratory on reagent rental basis.

10. Opening of e-tenders for licensing medical shop no.01 for running of pharmacy and certain other equipment.

11. Opening of e-tenders of the following tenders on 17.10.2017

    - SVIMS Canteen (Shop no.04)
    - SPMC (W) hospital Canteen
    - Medical Shop No. 01
    - Pest and Rodent control

12. Opening of e-tenders of the following on 06.11.2017

    - Technical bids of Nursing Staff
    - Technical bids of Para and Non Para medical staff

13. Opening of Technical bids of the following on 15.11.207

    - Sanitary
    - Security (No bidders)

Equipments purchased during the year 2017

Sl. No.	Name of the equipment	Qty. No.	Department	Amount Rs.	Source of Fund
1.	Electro Hydraulic Operation Table and Accessories	01	Urology	18,90,000	TTD
2.	Rotablator	01	Cardiology	33,60,000	SVIMS
3.	Intraoperative Neuro Monitoring System	01	Neurosurgery	50,92,500	SVIMS
4.	Bio safety Cabinet	01	Microbiology	6,44,865	SVIMS
5.	Micro centrifuge	01	Microbiology	3,15,756	SVIMS
6.	LED OT Light	01	Surgical GE	19,75,050	SVIMS
7.	Nanodrop	01	Biochemistry	7,69,583	R&D
8.	Automated Elisa Equipment	01	Biochemistry	40,68,750	R&D
9.	Simulators	08	Various Departments	51,52,896	R&D
10.	Ultrasound colour Doppler High end machine	01	Cardiology	1,21,82,325	TTD
11.	Mechanical Thrombo Prophylaxis Device	04	Anaesthesia	5,96,736	SVIMS
12.	Lympha Press portable Machine	01	Medical Oncology	2,09,355	SVIMS
13.	Flame Photometer	02	Biochemistry	1,67,382	SVIMS
14.	Rocking Shaker	01	Microbiology	33,689	SVIMS
15.	Uroflowmetry	01	Urology	48,160	SV IMS
16.	R.O. Plants	02	College of Nursing and Physiotherapy	2,06,100	SVIMS
17.	Horizontal Micro slide	02	Pathology	93,177	SVIMS
18.	Cataract Set	01	Ophthalmology	54,188	SPMC (w)
19.	A - Scan Machine	01	Ophthalmology	2,20,500	SPMC (w)
			TOTAL	**3,70,81,012**	

Equipments donated by the donors

S.No.	Equipments	Qty.	Dept.	Donated By
01	Flat Vibrator	01	College of Physiotherapy	K. Madhavi
02.	Canon Pixma Colour ink jet printer	01	SPMC (W)	Sunil Textiles
03.	Wheel Chairs	03	-	Veerabhadrachari
04.	Wheel Chairs	03	-	Mark Society
05.	Wheel Chair	01	-	Janarthan, Rtd. Principal TTD
06.	IV Stand	01	-	Janarthan, Rtd. Principal TTD
07.	Wooden Stools	03	-	Usha Rani

11. DIETARY SERVICES

The department of Dietetics is looking after diet counseling for OP & IP patients. The Chief Dietician and her staff educate and advice patients for diet related disorders in practical ways for improvement of their health by modifying their eating habits.

Services provided

- Diet counseling to OP, IP patients, Maintenance dialysis and CAPD patients.
- Liquid diet supply to inpatients who are unable to take solid diet.
- Diet supply to inpatients admitted under Dr. NTRVSS and Pranadana Schemes.
- Regular inspection of canteen and mess for sample tasting.
- Supply of dinner to duty doctors.
- Providing hospitality services during the visits of VVIPs and VIPs, press meetings, sports day, Anniversary day, National festivals, FC meetings, MCI visits etc.
- Supporting the academic programmes like CME, Oration, lectures, Conferences, Workshops etc.

During the year 2017, the diet counseling was provided to 9,173 outpatients and 10,211 inpatients. Similarly, the diet was supplied to 1,23,320 patients admitted under Dr NTRVSS, 1,065 patients admitted under SV Pranadana scheme and 23,090 patients with Liquid diet.

12. GENERAL MAINTENANCE

The department of General Maintenance under AD (GM) is looking after maintenance works like Medical Gases, Telephone Exchange, Transport of vehicles, Sanitary services, Security, EO Gas sterilization, Electrical / Civil / Mechanical works, Audio System arrangements, Water supply services, Hostel and Quarters maintenance. Additionally, allotment of Guest house, Staff quarters are taken up.

XI STATUTORY BODIES

XI Statutory Bodies

The following bodies govern the institute

1.0 Governing Council

1.	Sri N. Chandra Babu Naidu, Hon'ble Chief Minister of A.P., Velagapudi.	Chairman Cum Chancellor
2.	Dr Kamineni Srinivas, Hon'ble Minister for Health & Medical Education Govt. of Andhra Pradesh, Velagapudi.	1st Vice-Chairman
3.	Chairman, TTD Board of trustees, Tirupati.	2nd Vice-Chairman
4.	Dr T.S. Ravikumar, Director-cum-Vice Chancellor, SVIMS, Tirupati.	Member
5.	Smt Poonam Malakondaiah, IAS, Principal Secretary to Govt., Health, Medical and Family Welfare, Govt. of AP, Velagapudi.	Member
6.	Sri Muddada Ravichandra, IAS, Secretary to Govt. (Expenditure) Finance Department, AP Secretariat, Velagapudi.	Member
7.	Executive Officer, TTD, Tirupati, Dr Sambasiva Rao, IAS (upto 03.05.2017) Sri Anil Kumar Singhal, IAS (from 04.05.2017 onwards).	Member
8.	The Director, NIMS, Hyderabad	Member
9.	Prof. D.P.Singh, Chairman, UGC, New Delhi.	Member
10.	Dr (Prof.) Jagadish Prasad Director General of Health Services, Govt. of India, New Delhi.	Member
11.	Dr. (Ms) Jayshree Pranshankar Mehta President, Medical Council of India, New Delhi.	Member
12.	Vice-Chancellor, Dr NTR UHS, Vijayawada Dr T. Ravi Raju (upto 21.09.2017) Dr C.V. Rao (from 22.09.2017 onwards)	Member
13.	Prof. A. Damodharam,, Vice-Chancellor, S.V.University, Tirupati	Member
14.	Dean, SVIMS, Tirupati, Dr BCM Prasad (upto 30.08.2017) Dr PVLN Srinivasa Rao (from 01.09.2017 onwards)	Member
15.	Member-TTD Board of Trustees, Tirupati	Member
16.	Member - TTD Board of Trustees, Tirupati	Member
17.	Dr V. Siva Kumar Prof. & HoD of Nephrology, SVIMS	Member
18.	Dr M. Hanumantha Rao, Principal, SVIMS, SPMC(W)	Member
19.	Dr Digumarti Raghunadharao (Nominated by Academic Senate) Director of Homi Bhabha Caner Hospital and Research Center, Visakhapatnam	Member
20.	Dr I.V. Rao (Nominated by Academic Senate) Former Vice-Chancellor, Dr NTRUHS, Main Bazar, Town Hall, Kakinada, East Godavari Dist.	Member
21.	Prof. Arun Kumar Singh (Nominated by Academic Senate) National Advisor to Rastriya Bala Swasthya Karyakram Ministry of Health & Family Welfare, Govt. of India, New Delhi.	Member
22.	Member to be nominated by Academic Senate	Member
23.	Dr T.C. Kalawat, Registrar, SVIMS, Tirupati.	Secretary

2.0 The Executive Board

1.	Dr Kamineni Srinivas, Hon'ble Minister for Health & Medical Education Govt. of Andhra Pradesh, Velagapudi.	Chairman
2.	Chairman, TTD Board of trustees, Tirupati.	Vice-Chairman
3.	Dr T.S. Ravikumar, Director-cum-Vice Chancellor, SVIMS, Tirupati.	Member
4.	Smt Poonam Malakondaiah, IAS Principal Secretary to Govt. Health, Medical and Family Welfare, Govt. of Andhra Pradesh, Velagapudi.	Member
5.	Dr M. Ravichandra, IAS, Secretary to Govt. (Expenditure), Finance Department, Govt. of Andhra Pradesh, Velagapudi.	Member
6.	Executive Officer, TTD, Tirupati, Dr Sambasiva Rao, IAS (upto 03.05.2017) Sri Anil Kumar Singhal, IAS (from 04.05.2017 onwards).	Member
7.	Dean, SVIMS, Tirupati, Dr BCM Prasad (upto 30.08.2017) Dr PVLN Srinivasa Rao (from 01.09.2017 onwards)	Member
8.	Member - TTD Board of Trustees	Member

The meetings were held on 10.05.2017, 21.12.2017

3.0 Finance Committee

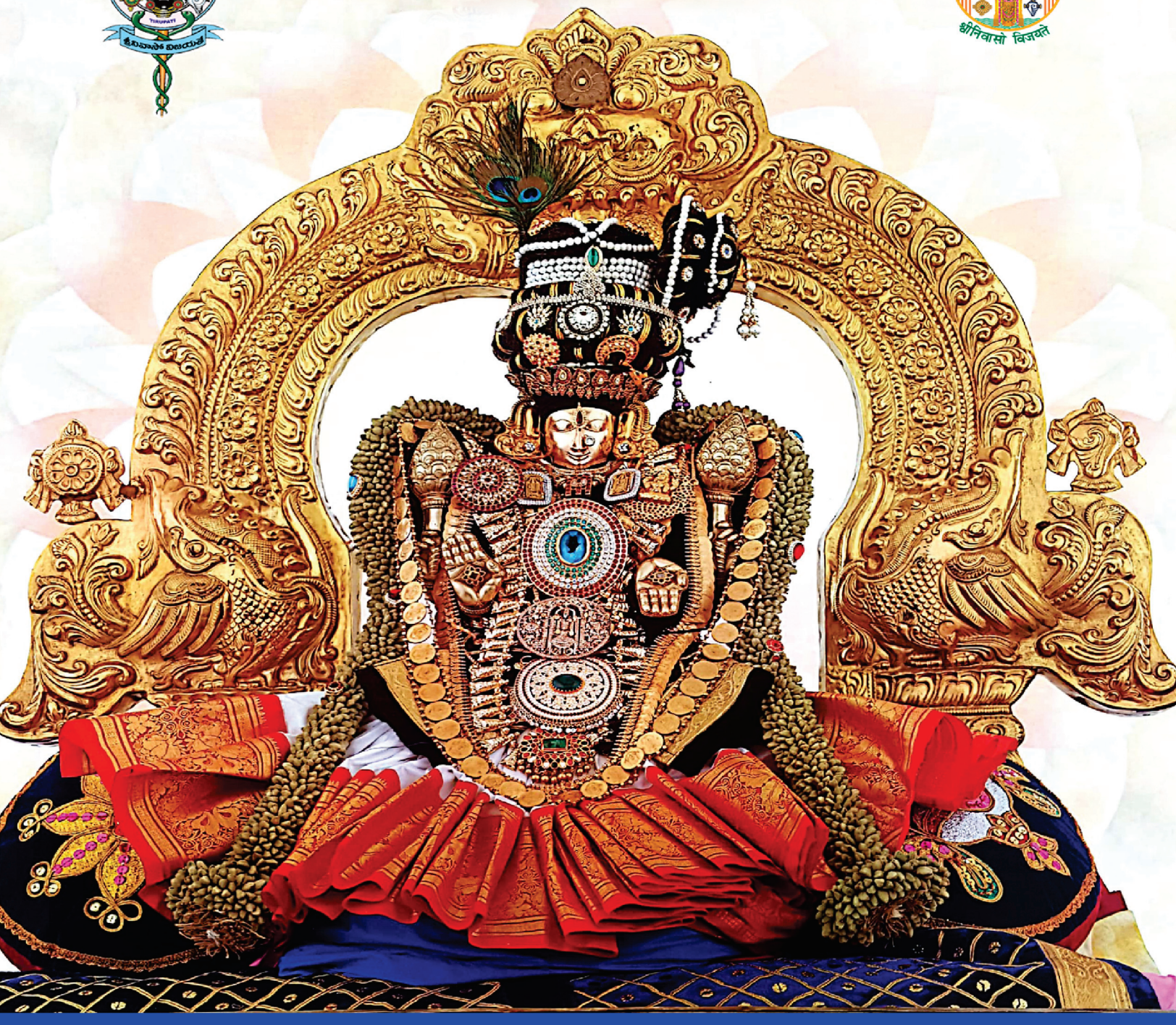
1.	Dr T.S. Ravikumar Director-cum-Vice Chancellor, SVIMS, Tirupati.	Chairperson
2.	Smt Poonam Malakondaiah, IAS, Principal Secretary to Govt., Health, Medical and Family Welfare, Govt. of AP, Velagapudi.	Member
3.	Dr M. Ravichandra, IAS, Secretary to Govt. (Expenditure), Finance Department, Govt. of AP, Velagapudi.	Member
4.	Executive Officer, TTD, Tirupati Dr Sambasiva Rao, IAS (upto 03.05.2017) Sri Anil Kumar Singhal, IAS (from 04.05.2017 onwards).	Member
5.	Dr T.C. Kalawat, Registrar, SVIMS	Secretary

The meetings were held on 10.05.2017 & 27.11.2017

4.0 Academic Senate

1.	Dr T.S. Ravikumar, Director Cum Vice Chancellor, SVIMS	- Chairperson
2.	Dr PVLN Srinivasa Rao, Dean, SVIMS	- Member-Secretary
3.	Director of Medical Education, Govt. of A.P., Vijayawada	- Member
4.	All the Heads of the Departments, SVIMS, Tirupati	Members
5.	Dr V. Hemalatha (Nominated) Asst. Professor of Anaesthesiology	- Member
6.	Dr M. Arun (Nominated) Asst. Professor of Transfusion Medicine	- Member
7.	Dr. Vishnupriya Rao (Nominated) Endocrinologist, Hyderabad	- External Member- Hon. Consultant
8.	Dr. Narendra Reddy Busireddy(Nominated), Orthopedician, BMR Hospitals, Guntur	- External Member- Hon. Consultant

The meeting was held on 20.02.2017



XII ADMINISTRATIVE SET-UP

XII Administrative set-up

1.0 Heads of the departments

Sl. No.	Department	Name of the HOD
1	Anaesthesiology	Dr Alok Samantaray
2	Anatomy	Dr V.Subhadra Devi
3	Biochemistry	Dr PVLN. Srinivasa Rao
4	Bioinformatics	Dr A.Umamaheswari
5	Biotechnology	Dr PVGK. Sarma
6	Cardiology	Dr D.Rajasekhar
7	Cardiothoracic Surgery	Dr Abha Chandra
8	Community Medicine	Dr K. Nagaraj
9	Dental Surgery	Dr S.Madhu Babu i/c
10	Dermatology	Dr T.Ram Sharan
11	Emergency Medicine	Dr V.Satyanarayana
12	Endocrinology	Dr Alok Sachan
13	Forensic Medicine	Dr K.Bhaskar Reddy
14	General Surgery	Dr Y.Mutheeswaraiah
15	Haematology	Dr C.Chandra Sekhar
16	Transfusion Medicine	Dr K.V. Sreedhar Babu
17	Medical Oncology	Dr T.Kannan
18	Medicine	Dr Alladi Mohan
19	Microbiology	Dr K.K.Sharma i/c
20	Nephrology	Dr R.Ram
21	Neurology	Dr B.Vengamma
22	Neurosurgery	Dr BCM.Prasad
23	Nuclear Medicine	Dr TC.Kalawat
24	Obstetrics & Gynaecology	Dr P.Indira Devi
25	Ophthalmology	Dr K.Swathi i/c
26	ENT	Dr V.Venkateswarlu
27	Paediatrics	Dr Puneeth Patak N
28	Pathology	Dr Aruna Prayaga
29	Pharmacology	Dr K.Umamaheswara Rao
30	Psychiatry	Dr T.Padma Sudhakar
31	Physiology	Dr Sharan B Singh M
32	Radio-diagnosis	Dr AY. Lakshmi
33	Radiotherapy	Dr B.V.Subramanian i/c
34	Rheumatology	Dr K.Sirisha i/c
35	Surgical GE	Dr V.Venkatarami Reddy
36	Surgical Oncology	Dr H.Narendra
37	Urology	Dr N.Anil Kumar

2.0 General Administration

Personnel Manager &
Dy. Director (Admin) i/c - Dr N.Adikrishnaiah
Accounts Officer - Sri S.V.V.S. Prasad
Dy. Director (S&P) - Sri D.Dileep Kumar
Dy. Director (P.R) - Dr Y.Venkatarami Reddy
Asst. Director (Dialysis PPP unit) - Smt M.Prasanna Lakshmi
Asst. Director (Billing) - Sri G.Suresh Kumar
Asst. Director(Establishment) - Smt N.Sireesha
Asst. Director (Establishment) - Smt G.Bhagyasri
Asst. Director (O/o Director) - Smt G.P.Manjula
Asst. Director (NABH) - Sri G.Babu
Asst. Director
(General Maintenance) - Sri P.Ravindra Babu
Asst. Director (PR) - Sri V.Rajasekar
Asst. Director (Audit) - Sri G.Dargaiah

3.0 University Administration

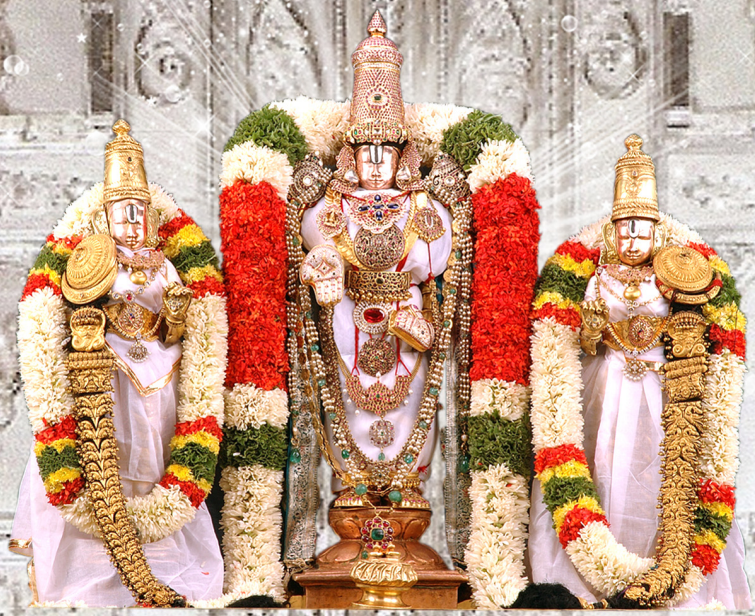
Dean - Dr PVLN. Srinivasa Rao
Registrar i/c - Dr T.C. Kalawat
Principal (SVIMS-SPMC(W)) - Dr M.Hanumantha Rao
Controller of Exams - Dr H.Narendra i/c
Principal i/c, CON - Dr P.Sudha Rani
Principal i/c, COP - Dr K.Madhavi
Deputy Registrar - Dr M.Yerrama Reddy
Asst. Director (SVIMS-SPMC(W)) - Sri L.Sateesh
Asst. Director (Exams) - Smt V.Sasikala
Asst. Director (Academic) - Sri D.Ananda Babu
Librarian - Sri K.Neelakanta Chetty
Asst. Librarian - Dr A. Omkar Murthy

4.0 Hospital Administration

Medical Supdt. - Dr Alok Sachan
RMO – I - Dr B.Govindanarayana
RMO – II - Dr K.V.Koti Reddy
Chief MEDCO – Dr. NTRVSS - Dr A.Lokeswara Reddy
Nursing Supdt. Gr –I - Smt C.Sunitha
Medical Records Officer - Dr K.Vivekanand
Medico Social Worker - Sri N.V.S. Prasad

5.0 Technical administration

Civil Engineering - Sri Ch. Raviprabhakar, E.E, TTD
Elec. Engineering - Sri D.Subramanyam Raju, A.E, TTD
Biomedical Engg. - Sri E.Doraiswamy
M.C.P.O - Sri V.Sudarshan



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