

TIRUMALA TIRUPATI DEVASTHANAMS, TIRUPATI, A.P.

ANNUAL REPORT

2012



**SRI VENKATESWARA
INSTITUTE OF MEDICAL SCIENCES**

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

web:<http://svimstpt.ap.nic.in>

TIRUMALA TIRUPATI DEVASTHANAMS, TIRUPATI



మంగళాచరణము మङ्గలాచరణమ్

శ్రీనివాసో విజయతే

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సమస్తజననీ వందే చైతన్యస్తన్యదాయినీమ్ ।

శ్రేయసీ శ్రీనివాసస్య కరుణామివ రూపిణీమ్ ॥ (దయాశతకమ్-6)

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

గురొరథీతాఖిలవైద్యావిద్యా: పీయూషపాణి: కుశల: క్రియాసు ।

గతస్మృహో ధైర్యధర: కృపాల్న: శుద్ధోధికారి భిషగీదృశ: స్యాత్ ॥ (సుభాషితసుధారత్న భాణ్డాగారే)

గురోరథీతాఖిలవైద్యవిద్య: పీయూషపాణి: కుశల: క్రియాసు ।

గతస్మృహో ధైర్యధర: కృపాల్న: శుద్ధోధికారి భిషగీదృశ: స్యాత్ ॥ (సుభాషితసుధారత్నభాణ్డాగారే)

గురువు దగ్గరనుండి సమస్త వైద్యవిద్యలను అభ్యసించినవాడు, అమృతహస్తాడు, కార్యకుశలుడు, నిస్పృహుడు, ధైర్యవంతుడు, దయాగుణం కలవాడు, మానసిక శుద్ధికలవాడు - ఇటువంటి అర్హతకలవాడే నిజమైన వైద్యుడు.

శరీరే జగ్గరీభూతే వ్యాధిగ్రస్తే కఠేబరే ।

औषधं जाह्नवी तोयं वैद्यो नारायणो हरि: (సుభాషితరత్న భాణ్డాగారే)

శరీరే జగ్గరీభూతే వ్యాధిగ్రస్తే కఠేబరే ।

ఔషధం జాహ్నవీ తోయం వైద్యో నారాయణో హరి: ॥ (సుభాషితరత్నభాణ్డాగారే)

శరీరం శిథిలమైనపుడు, శరీరం వ్యాధిగ్రస్తమైనపుడు ఔషధమే గంగాజలం, వైద్యుడే సాక్షాత్తు శ్రీమన్నారాయణుడు.

धीर्घमायु: स्मृतिं मेधाम् आरोग्यं तरुणं वय: ।

प्रभावर्णस्वरोदार्यं देहेन्द्रियबलं परम् ॥

वाक्सिद्धिं प्रणतिं कान्तिं लभते ना रसायनात् ॥ (చరకసंहితా-అధ్యాయ-2, పాద:-2, శ్లోకౌ-9, 10)

దీర్ఘమాయు: స్మృతిం మేధామ్ ఆరోగ్యం తరుణం వయ: ।

ప్రభావర్ణస్వరోదార్యం దేహేంద్రియబలం పరమ్ ॥

వాక్సిద్ధిం ప్రణతిం కాంతిం లభతే నా రసాయనాత్ ॥ (చరకసంహితా-అధ్యాయ-2, పాద:-2, శ్లోకౌ-7, 8)

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

VISION

To see that SVIMS emerges as one of the top medical institutions of the Nation and to ensure that SVIMS becomes at par with AIIMS (New Delhi).

MISSION

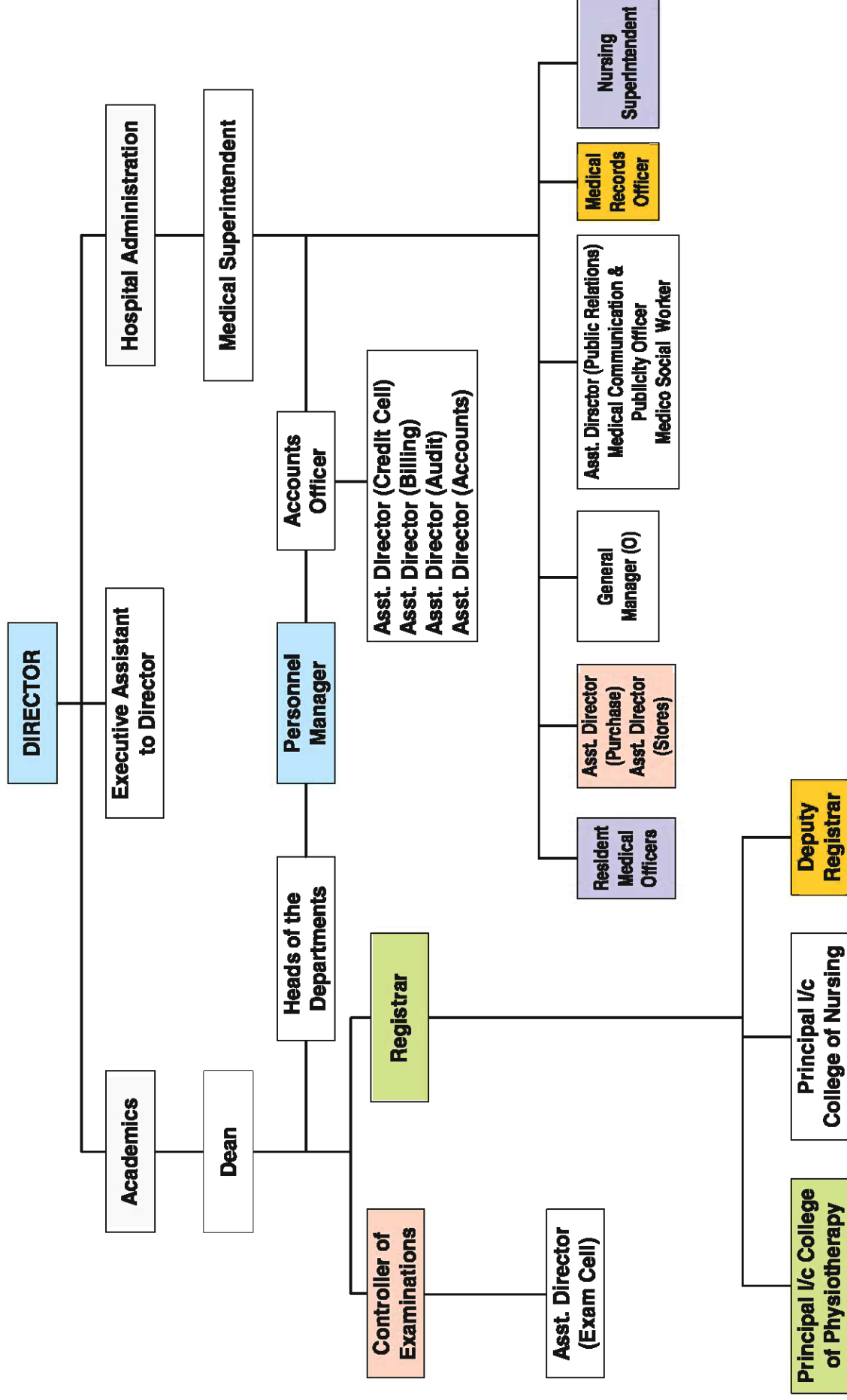
- ✦ *To provide quality health care services and facilities for the community, promote wellness, relieve suffering.*
- ✦ *To restore health as swiftly, safely and humanely as it can be done, consistent with the best service of the highest order for all concerned.*
- ✦ *To participate in the Social health programmes for creation of healthier lives within the community.*
- ✦ *To provide health care services which contribute to the physical, psychological, social and spiritual well being of the patients which SVIMS serves in a fiscally responsible manner.*

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 develop patterns of teaching in postgraduate level and in super specialities so as to set a high standard of medical education.
- ◆ to provide for training in paramedical and allied fields, particularly in relating to super-specialities.
- ◆ to function as a referral hospital.
- ◆ to provide for post-graduate teaching and conduct of research in the relevant disciplines of modern medicine and other allied sciences, including inter-disciplinary fields of physical and biological sciences.

ORGANIZATIONAL SETUP



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FROM THE DIRECTOR'S DESK



The Sri Venkateswara Institute of Medical Sciences (SVIMS), a premier government medical institution established by the Tirumala Tirupati Devasthanams, in the pilgrim city of Tirupati, Andhra Pradesh, started functioning from 26 February 1993. In 1995, SVIMS became a University by an act of Andhra Pradesh State Legislature. In 2006, SVIMS was upgraded at par with the All India Institute of Medical Sciences (AIIMS), New Delhi under the Pradhan Mantri Swasthya Suraksha Yojana (PMSSY) scheme of Government of India.

During the year 2012, SVIMS has witnessed an all round development in patient care, research, teaching/training and administrative fronts. The institute is running MD, DM and MCh courses permitted, recognized by the Medical Council of India (MCI). We have consistently achieved the No.1 position in the Andhra Pradesh state in the implementation of Rajiv Arogyasri scheme of Government of Andhra Pradesh both in terms of numbers and income generated, among public hospitals. We are also successfully implementing the Sri Venkateswara Pranadana scheme of the Tirumala Tirupati Devasthanams and with the help of these two schemes, SVIMS has been able to extend sophisticated modern medical care to the persons below poverty level free of cost. Our faculty have been successful in obtaining extramural funds from government funding agencies, such as, Defense Research Development Organization (DRDO); Dept. of Biotechnology Ministry of Science and Technology; Central TB Division; Indian Council of Medical Research (ICMR), and International agencies, like European Union. In 2012, we have also successfully started a peer-reviewed free-full-text journal "Journal of Clinical and Scientific Research" that has already achieved indexing in several indexing services and is attracting manuscript submissions from across the country.

This has been possible with the committed, dedicated hard work of all faculty, nursing, paramedical and all other employees of the institute; magnanimity and unstinting support of the Tirumala Tirupati Devasthanams, the kindness and constant encouragement of Government of Andhra Pradesh. We are happy to share the progress, activities and initiatives at SVIMS during the period 1 January to 31 December 2012.

Dr B. Vengamma

I. Patient care services

1.1 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 like epilepsy clinic, hypertension clinic, prosthetic valve clinic, diabetes clinic are being conducted for the benefit of the patients.

The following departments are rendering patient care services.

S. No	Department	S. No	Department
1.	Anaesthesiology & Critical Care Medicine	15.	Neurology
2.	Anatomy	16.	Neurosurgery
3.	Biochemistry	17.	Nuclear Medicine
4.	Bioinformatics	18.	Pathology
5.	Biotechnology	19.	Physiology
6.	Cardiology	20.	Plastic Surgery
7.	Cardiothoracic Surgery	21.	Radiology
8.	Endocrinology & Metabolism	22.	Radiotherapy
9.	General Surgery	23.	Surgical Gastroenterology
10.	Immuno Haematology & Blood Transfusion	24.	Surgical Oncology
11.	Medical Oncology	25.	Urology
12.	Medicine	26.	Physiotherapy
13.	Microbiology	27.	Nursing
14.	Nephrology		

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 as an emergency 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.

General Clinics (7 am to 11 am)

Department	Days	Room No.
Cardiology	Monday to Saturday	18,19
Cardiothoracic Surgery	Monday to Saturday	16,17
Endocrinology	Monday to Saturday	39,40
General Surgery	Monday, Wednesday, Friday	31
Haematology	Monday to Saturday	32
Medicine	Monday to Saturday	25,26
Nephrology	Monday, Wednesday, Friday	35,36, 37
Neurology	Monday to Saturday	21,22, 23
Neurosurgery	Monday, Wednesday, Friday	27,28
Medical - Oncology	Tuesday, Thursday, Saturday	29
Surgical - Oncology	Tuesday, Thursday, Saturday	30
Radiotherapy	Tuesday, Thursday, Saturday	28
Surgical Gastroenterology	Monday to Saturday	41,42
Urology	Monday to Saturday	45
Sunday holiday		

Clinic	Days	Room No.	Timings
Breast clinic	Monday	32	7.00 am to 11.00 am
Chest clinic	Monday, Wednesday, Friday	25, 26	
Juvenile diabetes clinic	2 nd Saturday	39, 40	
Paed.endocrinology	Tuesday	39, 40	2.00 pm to 2.30 pm
Rheumatology clinic	Tuesday, Thursday, Saturday	25, 26	7.00 am to 11.00 am
Speech therapy	Monday to Saturday	100	9.00 am to 4.00 pm
Master health check-up	Monday to Saturday	25	7.00 am to 11.00 am
Stone clinic	Tuesday	35, 36	3.00 pm to 4.00 pm
Uro-Oncology clinic	Thursday	35, 36	
Andrology clinic	Saturday	35, 36	

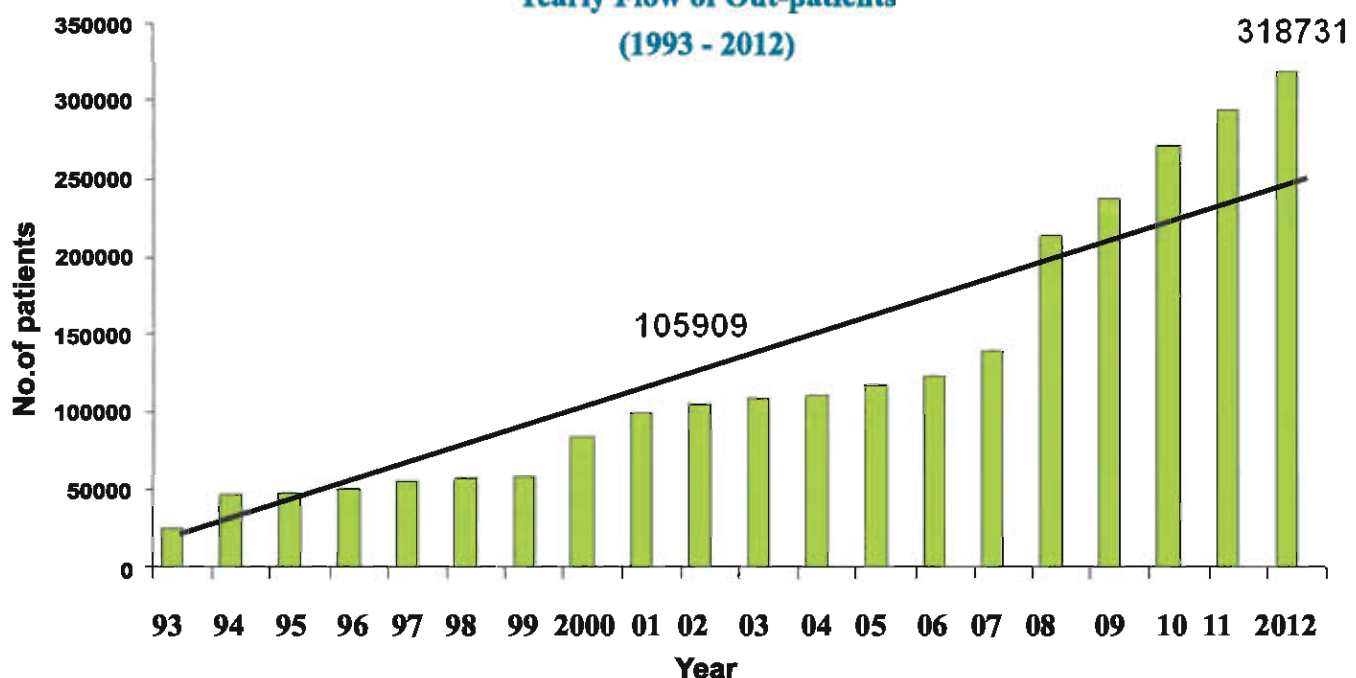
Evening special clinics

Department	Days	Room No.	Timings
Cardiology	Monday to Saturday	18, 19	3.00 pm to 4.00 pm
Cardiothoracic Surgery	Monday to Saturday	16, 17	
Neurology	Monday, Wednesday, Friday	21, 22, 23	

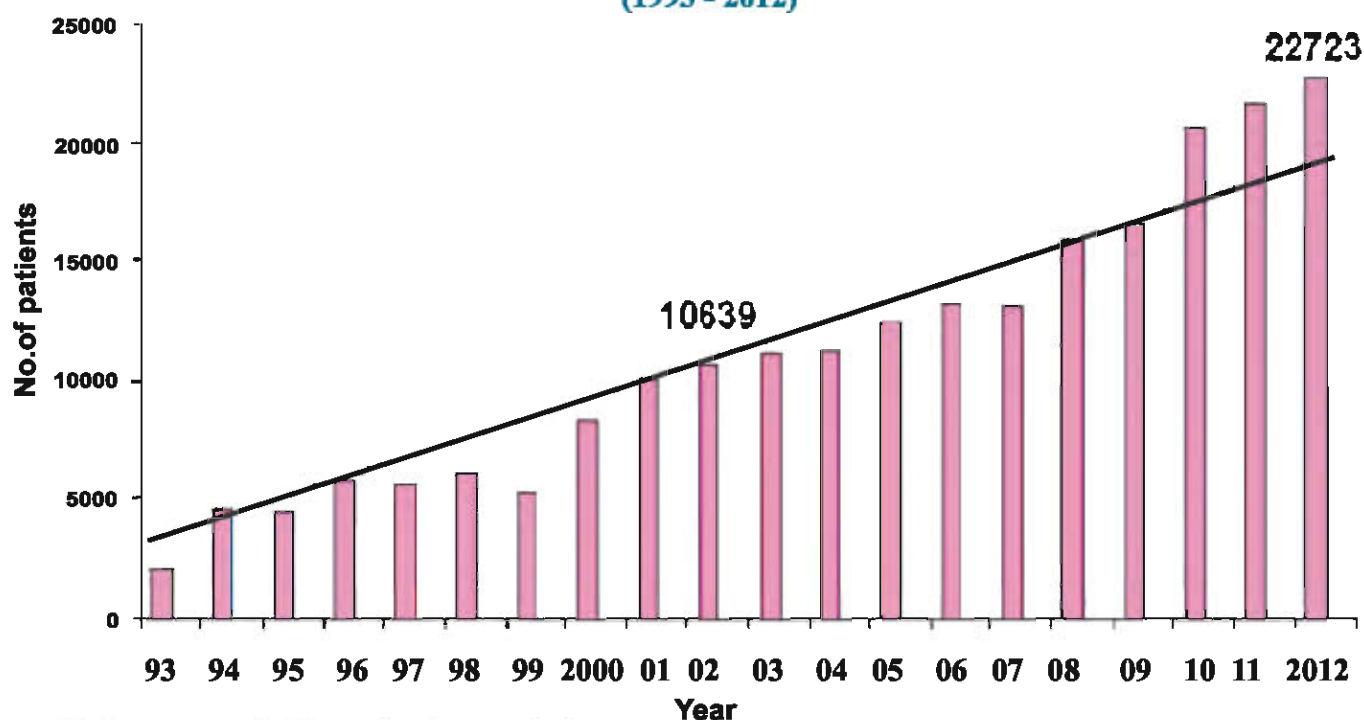
Monthly free clinics (7.00 am to 11.00 am)

Clinic	Days	Room No.	Department
Diabetes clinic	2 nd Sunday	39, 40	Endocrinology
Epilepsy clinic	3 rd Sunday	21, 22	Neurology
Hypertension clinic	Last Sunday	18, 19	Cardiology
Prosthetic valve clinic	Last Sunday	18, 19	Cardiology
RNTCP Programme	Monday to Saturday	44	Medicine
ICTC Programme	Monday to Saturday	-	District Health Dept.

Yearly Flow of Out-patients
(1993 - 2012)



Yearly flow of in-patients
(1993 - 2012)



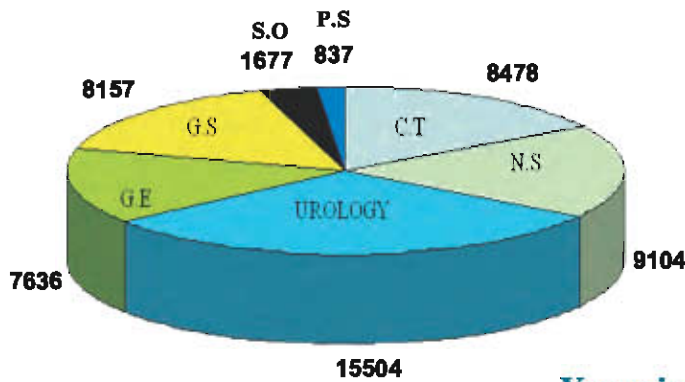
Laboratory-wise Investigation statistics
(1993 - 2012)

S. No.	Department	No. of Investigations
01	Biochemistry	4484827
02	Radiology	847354
03	Microbiology	760918
04	IHBT – Blood Bank	690540
05	Cardiology	606105
06	Endocrinology	300747
07	Pathology	
	- Clinical Pathology	694262
	- Haematology	3693074
	- Histopathology	123177
08	Nephrology– Dialysis	113877
09	Neurology	50810
10	Gastroenterology	36013
11	Nuclear Medicine	19931
12	Cardiothoracic Surgery	13792
13	Urology	13450
14	PFT	13320
	Total	12462197

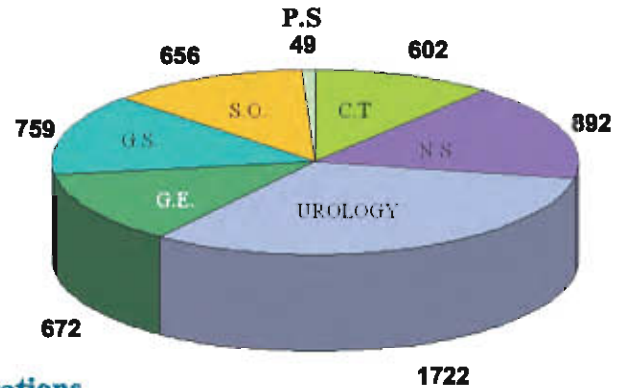
Laboratory-wise investigation statistics 2012

S. No	Department	No. of Investigations
01	Biochemistry	435672
02	Microbiology	99794
03	Radiology	93700
04	Pathology	
	- Clinical Pathology	69943
	- Haematology	432040
	- Histopathology	14084
05	Cardiology	69474
06	IHBT – Blood Bank	62230
07	Endocrinology	42049
08	Nephrology - Dialysis	17201
09	Neurology	4505
10	Gastroenterology	3076
11	PFT	2929
11	Nuclear Medicine	2243
12	Urology	730
	Total	1349670

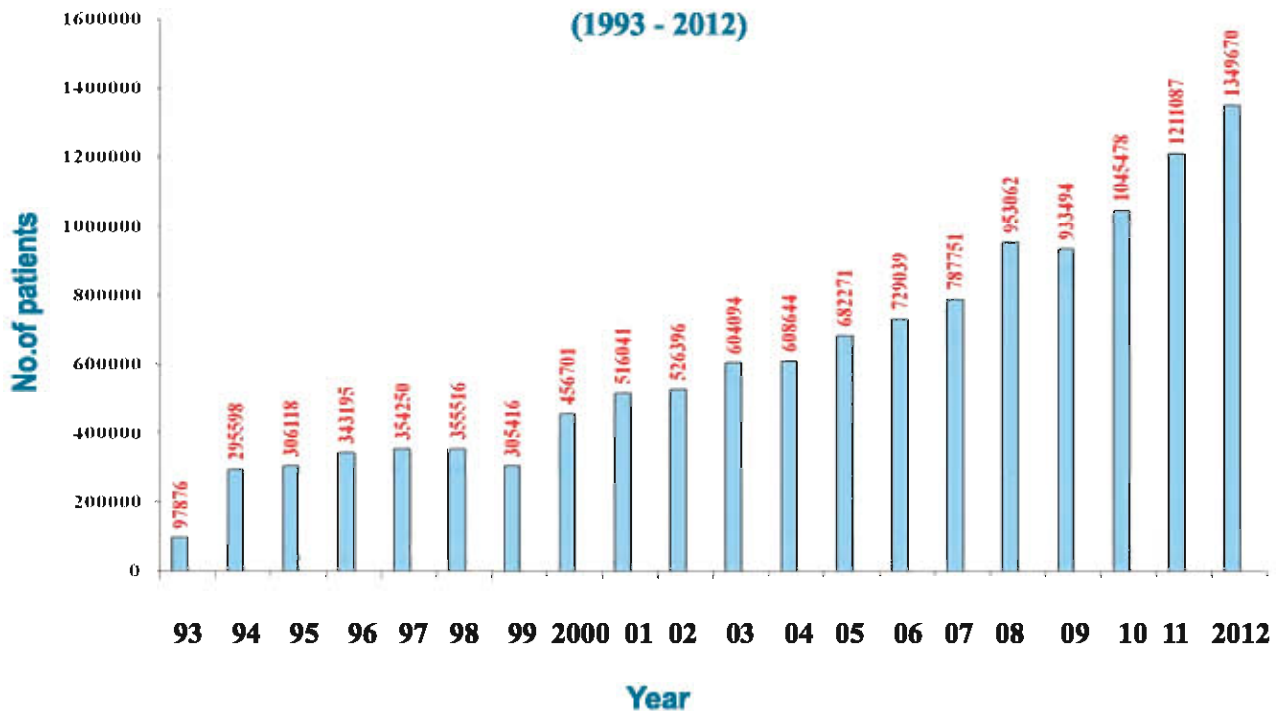
**Total No. of Surgeries
(1993 - 2012)**



Total No. of Surgeries 2012



**Year-wise Investigations
(1993 - 2012)**



1.2 Emergency services

The 16 bedded casualty well-equipped with monitors, ventilators etc. works round-the-clock under the supervision of the Chief Medical Officer. All the emergency cases are admitted into casualty and later transferred to the ICU/specialty care.

1.3 Sri Rajiv Aarogyasri Scheme

The Government of A.P. has implemented Sri Rajiv Aarogyasri Health Insurance Scheme in the state. The scheme was implemented in SVIMS w.e.f. September, 2007 in order to provide access to patients below poverty line in multi specialty health care. 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).

Rajiv Aarogyasri Review Committee consists of the following

- | | |
|--------------------------------|------------|
| 1. The Director | - Chairman |
| 2. Medical Superintendent | - Member |
| 3. Heads of the Departments | - Members |
| 4. Resident Medical Officer-I | - Members |
| 5. Resident Medical Officer-II | - Members |
| 6. Medical Records Officer | - Member |
| 7. Accounts Officer | - Member |
| 8. RAMCO | - Member |

The Rajiv Aarogyasri review committee meetings are held regularly on 1st and 3rd Thursday of each month.

The institution is regularly conducting Rajiv Aarogyasri camps as per the schedule. The public relation department of SVIMS in consultation with District Co-ordinator of Rajiv Aarogyasri Trust decides the venue for conduct of the camps. The details of camps conducted, number of patients screened, number of patients undergone treatment, bills claimed and unclaimed from the government are as mentioned below

Sri Rajiv Aarogyasri Scheme camps conducted
(August 2007 - December 2012)

S. No.	Period	No. of camps conducted	No. of patients screened	No. of patients referred
1.	2007	19	4952	391
2.	2008	83	15822	1307
3.	2009	65	12265	893
4.	2010	48	8220	560
5.	2011	48	9319	376
6.	2012	16	6138	277
Total		279	56716	3804

OP & IP statistics (Unit-wise flow)
(August 2007 - December 2012) Unclaimed
(Cashless Transactions)

Unit	OP Total (New & repeat)	Unclaimed Inpatients		Grand total OP&IP
		Total	Expi- red	
Cardiology	40953	3649	17	44602
Neurology	7800	10	07	7810
Cardiothoracic Surgery	5536	510	16	6046
Neurosurgery	8224	274	14	8498
Nephrology	14410	7	00	14417
Urology	13023	122	02	13145
Surgical Oncology	8141	64	01	8205
Medical Oncology	11146	82	02	11228
Surgical Gastroenterology	16670	180	07	16850
General Surgery	1445	67	00	1512
Plastic Surgery	299	32	01	331
Radiotherapy	3658	124	04	3782
Casualty	1012	0	00	1012
Medicine/ Critical care	233	6	05	239
Total	132550	5127	76	137677

OP & IP statistics (Unit-wise flow)
(August 2007 - December 2012) Claimed

Unit	Claimed			
	In-patients		Patients for OP follow-up medicines	Grand total
	Total	Expi- red	Total	IP & OP follow-up
Cardiology	5737	175	9366	15103
Neurology	4657	395	4945	9602
Cardiothoracic Surgery	2436	147	2635	5071
Neurosurgery	2601	165	822	3423
Nephrology	1142	29	176	1318
Urology	1752	7	225	1977
Surgical Oncology	1449	13	0	1449
Medical Oncology	6721	23	0	6721
Surgical Gastroenterology	2293	102	27	2320
General Surgery	525	6	145	670
Plastic Surgery	206	2	0	206
Radiotherapy	4490	38	0	4490
Medicine/ Critical care	768	213	30	798
Total	34777	1315	18371	53148

Surgeries conducted under Sri Rajiv Aarogyasri Scheme
(August 2007 - December 2012)

Period	Cardiothoracic Surgery	Neuro surgery	Urology	Surgical oncology	Surgical G.E	General surgery	Plastic surgery	Total
2007	05	11	2	4	3	0	0	25
2008	529	633	225	126	272	68	36	1891
2009	483	541	292	245	491	110	59	2221
2010	375	539	252	314	516	98	66	2162
2011	427	484	472	318	463	103	41	2308
2012	617	393	509	440	548	146	2	2655
Total	2436	2601	1752	1449	2293	525	206	11262

1.4 Sri Venkateswara Pranadana Scheme

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

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

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

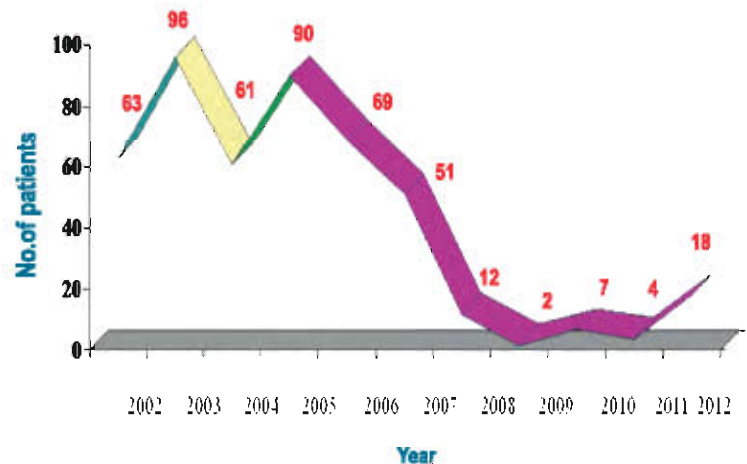
Pranadana cases 2012

S.No	Unit	New admissions	Repeat admissions	OP	Total admissions	Total expired	Mortality rate (%)
1	Cardiology	54	6	0	60	0	0.00
2	Cardiothoracic Surgery	2	0	0	2	1	50.00
3	Surgical G.E.	5	0	2	7	2	28.57
4	Neurology	49	0	1	50	7	14.00
5	Neurosurgery	306	4	0	310	2	0.65
6	Nephrology	105	78	0	183	7	3.83
7	Medical Oncology	44	331	35	410	0	0.00
8	Radiotherapy	3	7	6	16	0	0.00
9	Urology	4	0	0	4	0	0.00
10	General Surgery	0	0	0	0	0	0.00
11	Surgical Oncology	2	0	16	18	0	0.00
12	Haematology	4	67	0	71	0	0.00
13	Medicine	12	0	1	13	3	23.08
14	BIRRD Hospital	5	0	0	5	0	0.00
15	SVRR Govt. General Hospital	0	0	0	0	0	0.00
16	Govt. Maternity Hospital	8	0	0	8	3	37.50
	Total	603	493	61	1157	25	2.16

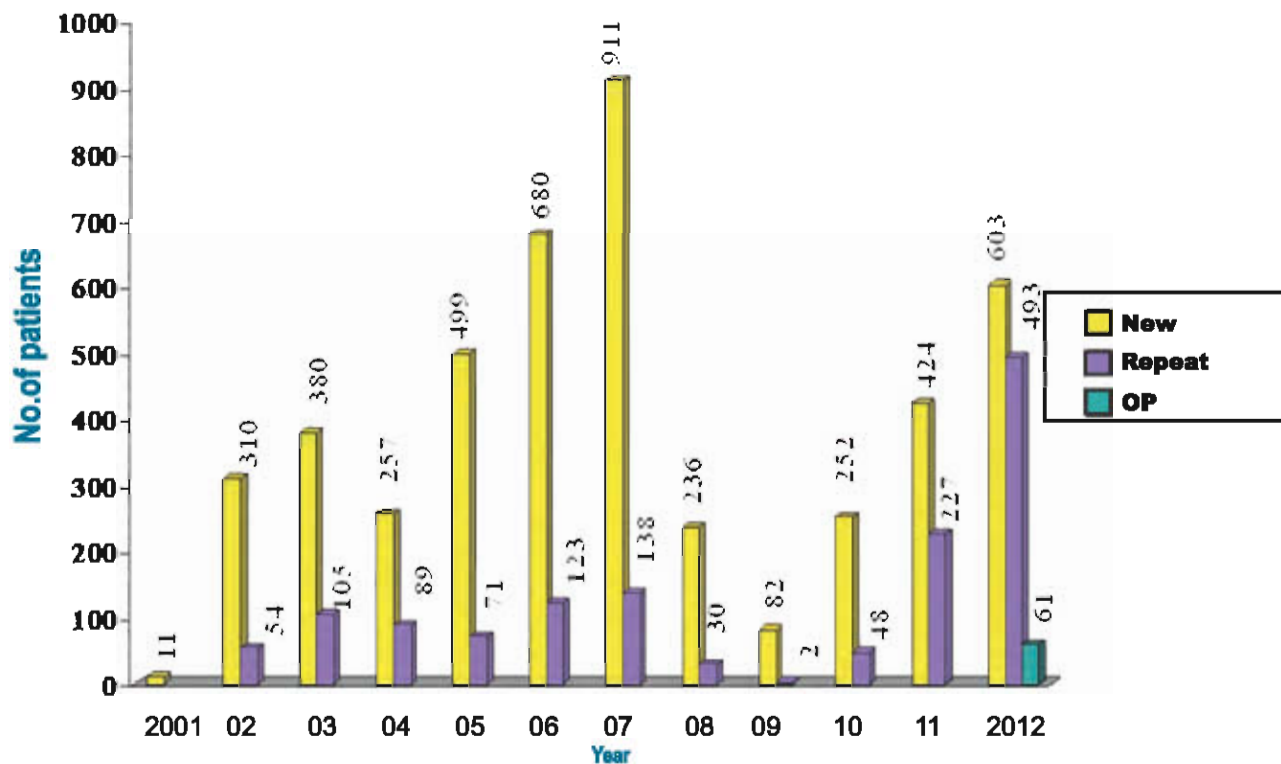
Patients benefited under Pranadana scheme (November 2001 - December 2012)

Unit	New admissions	Repeat admissions	OP	Total admissions	Total expired	Mortality rate (%)
Cardiology	916	23	0	939	5	0.53
Cardiothoracic Surgery	1790	119	0	1909	102	5.34
Surgical GE	70	5	2	77	6	7.79
Urology	134	21	0	155	1	0.65
Nephrology	404	92	0	496	32	6.45
Neurology	136	0	1	137	21	15.33
Neurosurgery	925	28	0	953	15	1.57
Oncology	145	980	35	1160	4	0.34
Radiotherapy	11	35	6	52	0	0.00
Maternity Hospital	44	0	0	44	12	27.27
General surgery	7	0	0	7	0	0.00
Surgical Oncology	6	0	16	22	0	0.00
Haematology	11	79	0	90	0	0.00
Medicine	12	0	1	13	3	23.08
BIRRD Hospital	25	1	0	26	1	3.85
SVRR Govt. General Hospital	9	0	0	9	1	11.11
TOTAL	4645	1383	61	6089	203	3.33

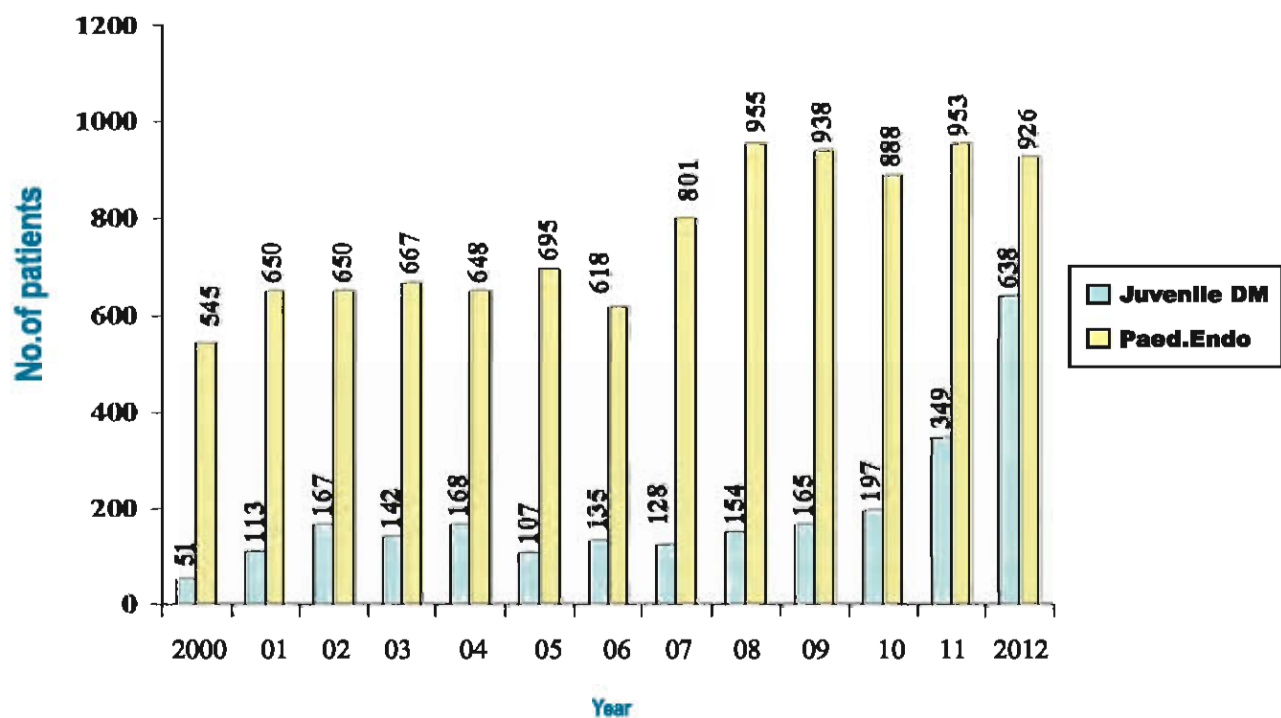
Paediatric Pranadana cases (2002 - 2012)



Pranadana cases
(November 2001 - December 2012)



Paediatric Endocrinology & Juvenile diabetes cases (2000 - 2012)



1.5 Rural health camps

The team of doctors, paramedical and public relations staff under the guidance of the Director, 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 at 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 held and number of patients screened for the years 1993-2012 is furnished below:

**Rural Health Camps
(1993 - 2012)**

Year	Camps	Patients
1993	7	3341
1994	6	2251
1995	5	1886
1996	3	1512
1998	4	1214
1999	5	1363
2000	5	3902
2001	7	4258
2002	12	4043
2003	4	1055
2004	5	3143
2005	24	10444
2006	19	7345
2007	37	13647
2008	86	23058
2009	68	14168
2010	58	12094
2011	56	13899
2012	20	7933
Total	431	130556

1.6 Infection Control Committee

The infection control committee was constituted in 2010 and operating from January, 2010. This had a definite impact in the reduction of hospital associated infections in the subsequent years. The list of personnel is as follows:

1. Medical Superintendent - Chairperson
2. Resident Medical Officer-I - Deputy Chairperson
3. Professor and HOD, Microbiology - Member Secretary
4. Resident Medical Officer-II - Co-Ordinator
5. Heads of all Medical and Surgical Specialties - Members
6. Chief Casualty medical officer, General Manager, Nursing Superintendents, OT in-charge sisters, Infection control nurse are the other members.

The committee meets once a month on the first Tuesday, in the presence of the Director reviews the surveillance reports and gets the inputs from other members and decisions are taken to address any shortcomings and problems.

In the year 2012, there had been an overall reduction of major hospital associated infections like Urinary tract infections to an average of 23% and Ventilator associated pneumonia rates down to 45%. The overall hand hygiene compliance, which is considered to be a key factor in the prevention of hospital infections, has stabilized at around 65% - 70%, compared to the 40% - 42% compliance worldwide. This by itself speaks about the success of infection prevention efforts being done at this hospital. As a result of the successful implementation of various infection control measures, there has been a concomitant reduction in the resistance of the common organisms to the important life saving antibiotics as well.

1.7 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 benefited in the camps during the year 2012 are as follows:

Medical Camps - 2012

S. No.	Camp	Day	No. of camps	No. of patients treated
1	Epilepsy camps	3 rd Sunday	12	7287
2	Diabetic camps	2 nd Sunday	12	3655
3	Hypertension & PVC camps	Last Sunday	12	3949
4	Juvenile Diabetes camps	2 nd Saturday	12	638
5	Rural camps		20	7933

1.8 Epilepsy Camps

The department of Neurology, SVIMS under the leadership of Dr. B. Vengamma started free epilepsy camp on every 3rd Sunday. Upto December 2012, 167 camps were conducted and 68,533 patients were benefited. The patients are provided free medicines with the financial assistance of Americares, USA and Tirumala Tirupati Devasthanams through Sri Venkateswara Pranadhana Scheme. So far, the medicines worth of Rs.1,14,13,773/- were distributed. In the year 2012, 7287 patients were benefited.

1.9 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 31.12.2012, 4418 patients were provided free treatment for TB.

1.10 Integrated Counseling and Testing Centre (ICTC)

Under the Department of Medicine, the ICTC centre was established on 02-02-2010 Under this facility, the HIV affected patients are provided investigations at free of cost. As on 31-12-2012, 15756 patients were tested and 448 sero positive patients were referred to ART Centre at SVRRGG Hospital, Tirupati for further treatment.

1.11 Review Meetings

The following monthly meeting schedules were fixed for constant review

	Nature of Meeting	Meeting Schedule
1	Weekly review meeting and grand rounds	Every Tuesday (9-11 am)
2	Infection control committee	1 st Tuesday (3-4 pm)
3	Aarogyasri review meeting	1 st & 3 rd Thursday (4-5 pm)
4	Meeting with Administrative Heads	2 nd Wednesday (3-4 pm)
5	Meeting with Faculty heads	2 nd Friday (3-4 pm)
6	Pranadhana meeting	4 th Thursday (11-12 noon)
7	Ethical committee meeting	2 nd Monday (3-4 pm)
8	Transfusion committee Meeting	1 st Friday (3-4 pm)

2.0 Academic activities

Sri Venkateswara Institute of Medical Sciences is offering various academic programmes as per the objectives of the institute established under act No.12 of 1995. Accordingly, the institute is offering academic programmes in the field of medical sciences in super-specialties, broad-specialties, Para medical and allied health sciences.

At present, the institute is offering 60 academic programmes in which 07 programmes in broad-specialties, 10 in super specialties, 02 DNB programmes, 05 Post doctoral fellowship programmes, 02 certificate programmes for medical graduates, 04 programmes in basic medical sciences at PG level, 02 programmes in life sciences, 11 programmes in paramedical sciences, 02 programmes in specialized nursing apart from the colleges established for Physiotherapy and Nursing which are offering both UG & PG programmes (4 nos). At research level, PhD Programmes are offered since 2005. At present, 31 scholars are continuing the research in 11 specialties.

The total students strength in the campus is 1030.

2.1 Courses offered

Faculty	Course	No. of seats	Duration (Years)
Modern Medicine	Broad-specialties		
	MD - Medicine	02	3
	- Pathology	02	
	- Biochemistry	01	
	- Microbiology	01	
	- Anaesthesiology	04	
	- Immuno Haematology & Blood Transfusion	01	
	- Radiotherapy	02	

Faculty	Courses	No. of seats	Duration (Years)
	Super-specialties		
	DM - Neurology	03	3
	- Cardiology	04	
	- Nephrology	01	
	- Endocrinology	02	
	- Medical Oncology	02	
	MCh -Cardiothoracic Surgery	04	
	- Neurosurgery	03	
	- Urology	04	
	- Surgical Oncology	02	
	- Surgical Gastroenterology	01	
	Post-doctoral fellowships		
	- Surgical Gastroenterology	06	1
	- Radiodiagnosis	02	
	- Cardiac Anaesthesia	02	
	- Neuro Anaesthesia	02	
	- Critical Care Medicine	02	
	- Surgical Oncology	02	
	Certificate courses		
	- Blood Banking & Transfusion Medicine	06	1
	- Critical care	02	
Basic Medical Sciences	Postgraduate courses		
	- Medical Anatomy	02	3
	- Medical Physiology	02	
	- Medical Microbiology	03	
	- Medical Biochemistry	03	
Nursing	BSc Nursing	100	4
	MSc Nursing	30	2
	Specialized Nursing in Cardiology	05	1
	Specialized Nursing in Cardiothoracic Surgery	05	
	Certificate Course in Dialysis Nursing	02	
Allied health sciences	BPT	50	4 ½
	MPT	12	2
	BSc Medical Laboratory Technology (MLT)	20	3
	BSc ECG & Cardiovascular Technology (ECG & CVT)	04	3
	BSc Anaesthesiology Technology(AT)	12	3
	BSc Neurophysiology Technology (NPT)	02	3
	BSc Urology Technology (UT)	02	3
	BSc Radiography & Imaging Technology (RIT)	04	3
Life Sciences	MSc Biotechnology	15	2
	MSc Bioinformatics	15	2
PG Diploma in Para medical Courses	Medical Records Science	08	2
	Dialysis Technology	05	2
	Cardiac Perfusion Technology	02	2
Diploma courses	Radiographic Assistant (DRA)	05	1
	Radiotherapy Technology (DRT)	04	2

Constituent colleges

i) College of Nursing

The college of nursing was established in the year 1996 with an objective of providing graduate & postgraduate teaching and for research in the relevant disciplines of modern nursing. 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.

ii) 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.

Interdisciplinary departments

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 are absorbed in industrial organizations, who are leaders in production of drugs, vaccines, etc. The students are 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). 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, 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.

New Courses

i) New Courses Introduced

MD (Radiotherapy) was introduced from the academic year 2012 with the approval of Medical council of India.

ii) New Courses proposed

The following courses are proposed to be started after approval of Govt. of A.P. and MCI.

01. MD (Emergency Medicine)
02. MD (Nuclear Medicine)

iii) Inspections held

MCI / NBE inspections were held for the following academic programmes :

S. No	Name of the course	Purpose of the inspection	Date	Result
01	MD Pathology	For recognition	03.05.2011 18.01.2012	Recognized
02	MD Radiotherapy	For permission	12.02.2011	Permitted
03	MD IHBT	For recognition	25.04.2012	Recognized
04	MD Medicine	For enhancement of seats	03.01.2013	Awaited
05	MD Radiodiagnosis	For permission to start the course	02.01.2013	Awaited

For the academic year 2012-13, 343 students were admitted against 373 seats offered in various academic programmes with enrollment of 92%. Similarly, for the academic year 2011-12, 240 students were successfully completed their academic programmes and awarded degrees during the 3rd convocation held on 18.09.2012.

2.5 Students enrollment for the academic year 2012-13

The University received 2664 applications for various courses and 343 students were admitted on the basis of merit in the entrance test conducted by the University / qualifying examination. The academic calendar started in August, 2012 for all the courses except MD courses, which are started in May, 2012.

For the academic year 2012-13, 343 students were admitted against 373 seats offered in various academic programmes with enrollment of 92%. Similarly, for the academic year 2011-12, 240 students were successfully completed their academic programmes and awarded degrees during the 3rd convocation held on 18.09.2012

1 . Life sciences, Allied health sciences and paramedical courses

S. No.	Course	No. of Seats Sancti-oned	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	
01.	BSc (N)	100	01	20	02	33	06	25	01	05	0	0	02	05	12	88	100
02	BPT	50	02	08	08	13	04	13	00	01	00	00	01	00	15	35	50
03.	BSc (Para medical)	44	01	02	13	09	07	07	01	01	00	00	01	02	21	23	44
	AT	12	00	02	03	02	03	01	00	01	00	00	00	00	06	06	12
	MLT	20	01	00	05	05	02	04	00	00	00	00	01	02	09	11	20
	CVT	04	00	00	01	01	01	01	00	00	00	00	00	00	02	02	04
	NPT	02	00	00	00	02	00	00	00	00	00	00	00	00	00	02	02
	UT	02	00	00	01	00	01	00	00	00	00	00	00	00	02	00	02
	RIT	04	00	00	01	01	00	01	01	00	00	00	00	00	02	02	04
04.	MSc(N)	30	00	09	02	08	01	09	00	00	00	00	00	01	03	27	30
05.	MPT	12	01	03	01	04	00	03	00	00	00	00	00	00	02	10	12

S. No.	Course	No. of Seats Sancti-oned	OC		BC		SC		ST		PHC		Mino-rity		Total		Total No. of students admitted
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	
06.	MSc	30	01	05	04	03	02	06	00	01	00	00	00	01	07	16	23
	Bioinformatics	15	01	01	01	02	00	02	00	00	00	00	00	01	02	06	08
	Biotechnology	15	00	04	03	02	02	04	00	00	00	00	00	00	05	10	15
07.	MSc Medical	10	01	02	02	02	01	00	00	01	00	00	01	00	05	05	10
	Anatomy	02	00	01	00	00	01	00	00	00	00	00	00	00	01	01	02
	Physiology	02	01	00	00	01	00	00	00	00	00	00	00	00	01	01	02
	Biochemistry	03	0	01	02	00	00	00	00	00	00	00	00	00	02	01	03
	Microbiology	03	00	00	00	01	00	00	00	01	00	00	01	00	01	02	03
08.	Specialized Nursing	10	02	01	02	02	01	02	00	00	00	00	00	00	05	05	10
	Cardiac Nursing	05	01	01	01	01	01	00	00	00	00	00	00	00	03	02	05
	Cardiothoracic Nursing	05	01	00	01	01	00	02	00	00	00	00	00	00	02	03	05
09.	PG Dip. in Para medical courses	17	04	02	01	00	01	00	00	00	00	00	00	00	06	02	08
	Cardiac pulmonary Perfusion Technology	02	01	01	00	00	00	00	00	00	00	00	00	00	01	01	02
	Dialysis Technology	05	02	01	01	00	01	00	00	00	00	00	00	00	04	01	05
	Biomedical Engineering Technology	02	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
	Medical Records Science	08	01	00	00	00	00	00	00	00	00	00	00	00	01	00	01
10	Diploma in Paramedical disciplines	10	04	01	01	01	01	02	00	00	00	00	00	00	06	04	10
	Radiographic Assistant	05	04	01	00	00	00	00	00	00	00	00	00	00	04	01	05
	Radiotherapy Technology	04	00	00	01	01	01	01	00	00	00	00	00	00	02	02	04
	Dialysis Nursing	01	00	00	00	00	00	01	00	00	00	00	00	00	00	01	01
Total Students:		313	17	53	35	75	24	67	02	09	00	00	05	08	82	215	297

2. Postgraduate Medical Courses

S. No.	Course	No. of Seats Sanctioned	OC		BC		SC		ST		PHC		Mino-rity		Total		Total No. of students admitted
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	
11	MD courses	13	02	04	02	02	01	01	00	01	00	00	00	00	05	08	13
	Anaesthesiology	04	01	00	01	02	00	00	00	00	00	00	00	00	02	02	04
	Biochemistry	01	00	01	00	00	00	00	00	00	00	00	00	00	00	01	01
	Microbiology	01	00	01	00	00	00	00	00	00	00	00	00	00	00	01	01
	Medicine	02	01	00	00	00	00	01	00	00	00	00	00	00	01	01	02
	Pathology	02	00	01	01	00	00	00	00	00	00	00	00	00	01	01	02
	IHBT	01	00	00	00	00	00	00	00	01	00	00	00	00	00	01	01
	Radiotherapy	02	00	01	00	00	01	00	00	00	00	00	00	00	01	01	02
12	DM courses	12	04	03	04	00	01	00	00	00	00	00	00	00	09	03	12
	Cardiology	04	02	00	02	00	00	00	00	00	00	00	00	00	04	00	04
	Neurology	03	01	00	01	00	01	00	00	00	00	00	00	00	03	00	03
	Nephrology	01	01	00	00	00	00	00	00	00	00	00	00	00	01	00	01
	Endocrinology	02	00	01	01	00	00	00	00	00	00	00	00	00	01	01	02
	Medical Oncology	02	00	02	00	00	00	00	00	00	00	00	00	00	00	02	02
13	MCh courses	14	06	00	03	00	02	0	01	00	00	00	00	00	12	00	12
	Cardiothoracic Surgery	04	02	00	00	00	00	00	00	00	00	00	00	00	02	00	02
	Neurosurgery	03	01	00	00	00	01	00	01	00	00	00	00	00	03	00	03
	Urology	04	00	00	03	00	01	00	00	00	00	00	00	00	04	00	04
	Surgical Oncology	02	02	00	00	00	00	00	00	00	00	00	00	00	02	00	02
	Surgical GE	01	01	00	00	00	00	00	00	00	00	00	00	00	01	00	01
14	DNB	03	00	00	01	00	00	00	01	00	00	00	00	00	02	00	02
	Radiodiagnosis	02	00	00	01	00	00	00	01	00	00	00	00	00	02	00	02
	Nuclear Medicine	01	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
15	PDF	06	01	00	02	00	00	00	01	00	00	00	00	00	04	00	04
	Neuro anaesthesia	02	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
	Critical care medicine	02	00	00	00	00	00	00	01	00	00	00	00	00	01	00	01
	Cardiac anaesthesia	02	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
	Radiodiagnosis and Imaging	02	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
	Surgical GE	03	01	00	02	00	00	00	00	00	00	00	00	00	03	00	03
	Surgical Oncology	01	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
16	Certificate courses for medical graduates	08	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
	Immuno haematology & blood transfusion	06	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
	Critical care	02	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
	Total Students:	56	13	07	12	02	04	01	03	01	00	00	00	00	32	11	43

3. PhD Programmes

S. No.	Course	No. of Seats Sanctioned	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	
17.	PhD	04	00	01	00	00	01	01	00	00	00	00	00	00	01	02	03
	Biochemistry	01	00	01	00	00	00	00	00	00	00	00	00	00	00	01	01
	Biotechnology	--	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
	Bioinformatics	02	00	00	00	00	01	01	00	00	00	00	00	00	01	01	02
	Nursing	—	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
	Medicine	—	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
	Cardiology	01	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
	Endocrinology	—	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
	Total students:	04	0	1	0	0	1	1	0	0	00	00	00	00	01	02	03
	GRAND TOTAL (1+2+3) =	373	30	62	48	77	29	69	05	10	00	00	05	08	115	228	343

2.3 Scholarships

The eligible students who belong to SC / ST / BC / EBC and Minority students are getting scholarships from the government through respective welfare authorities. For the academic year 2011-12, an amount of Rs.1,82,59,434/- was released by the govt. to the beneficiaries. The students benefited through scholarships are as follows:

S. No.	Student Category	No. of students benefited	Amount sanctioned (Rs.)
01.	SC	192	68,40,961.00
02.	ST	28	9,07,208.00
03.	BC	242	67,66,910.00
04.	EBC	138	29,32,216.00
05.	Minority	32	8,12,139.00
	TOTAL	632	1,82,59,434.00

For the year 2012-13, 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 through online to the respective welfare authorities for sanction of scholarship.

2.4 Hostels

The University provides hostel facility for boys, girls and resident doctors. The accommodation available and occupied for the year 2012 is furnished below:

S. No	Name of the Hostel / Quarters	No. of Rooms	No. of students accommodated
01.	PG Doctors Hostel	28	27
02.	Resident's Quarters	12	11
03.	Boys Hostel	42	155
04.	Girls Hostel	115	470
	Total	197	663

3.0 Examination Section

The examination section conducts both University and Entrance examinations. The Entrance examinations include those for admission to Postgraduate Medical courses Broad- Specialty (MD), Super-specialty (DM/MCh), Master of Physiotherapy (MPT), MSc Nursing, MSc (Life sciences i.e. Biotechnology & Bioinformatics) and MSc (Medical) in Anatomy, Physiology, Biochemistry and Microbiology courses. The University examinations include periodic and final examinations for MD, DM/MCh, MPT, MSc Nursing, MSc (Life sciences), MSc (Medical), BPT, BSc Nursing, BSc Paramedical courses etc.

The examination section has role in awarding degrees, organizing the Institute convocation and also in conducting selection tests for employment. The details of entrance examinations, university examinations conducted, PhDs awarded, best outgoing students for the academic year 2011-12 are as follows:

3.1 Examination results (regular & supplementary)

Courses for which the examinations have been conducted and the number of candidates examined for the academic year 2011-12 in the final year examination are as follows:

Name of the course	Number of students appeared		Number of students passed		Percentage of students passed	
	Jan/Feb, 2012	Jun/July, 2012	Jan/Feb, 2011	Jun/July, 2012	Jan/Feb, 2012	Jun/July, 2012
DM/MCh Courses	-	10	-	9	-	90
MD Courses	-	9	-	9	-	100
Post Graduate						
Master of Physiotherapy	-	9	-	9	-	100
MSc Nursing	-	24	-	24	-	100
MSc Medical courses	-	20	-	20	-	100
MSc Biotechnology	-	15	-	15	-	100
MSc Bioinformatics	-	11	-	11	-	100
Under Graduate						
Bachelor of Physiotherapy	10	17	10	17	100	100
BSc Nursing	1	64	1	64	100	100
BSc Paramedical Technical courses	-	-	25	-	15	60
BSc Physician Assistant	3	6	1	1	33.33	16.66
Diploma/Certificate						
PG Diploma in Para Medical Technical courses	-	6	-	6	-	100
Certificate course in Specialized nursing	2	9	2	9	100	100
Certificate course in Radiographic Assistant	-	3	-	3	-	100
Diploma in Radiotherapy Technology	-	4	-	4	-	100

3.2 Best outgoing students

Course	Name
DM courses	Dr P. Sathish Kumar, DM Endocrinology
MCh courses	Dr M. Ravi Kiran, MCh Cardiothoracic Surgery
MD courses	Dr V. Sridevi Kiranmayi, MD Biochemistry
MSc Nursing	Ms P. Swathi
Master of Physiotherapy	Ms Y. Ramya
MSc Medical courses	Ms G. Sarvari
MSc Biotechnology	Ms A.V. Thanusha
MSc Bioinformatics	Ms S. Aswini
BSc Nursing	Ms K. Sowjanya
Bachelor of Physiotherapy	Ms D. Manas Sravanthi
BSc Paramedical technical courses	Mr P. Sunil Kumar

3.3 Medals awarded

- i) Dr G. Subramanyam & Dr Sunitha Subramanyam Medal for the year 2012

Dr M. Ravi Kiran, MCh Cardiothoracic Surgery (First among all students of all MCh courses)

Dr P. Sathish Kumar, DM Endocrinology (First among all students of all DM courses)

Dr V.Sridevi Kiranmayi, MD Biochemistry (First among all students of all MD courses)

Ms K. Sowjanya, BSc Nursing

- ii) Late Dr P. Subrahmanyam, IAS Medal for the year 2012

Ms AV. Thanusha, MSc Biotechnology (First among all students of Life Sciences)

- iii) Faculty, College of Physiotherapy Medal for the year 2012

Ms Y.Ramya, Master of Physiotherapy

3.4 Entrance examination results

S. No.	Name of the entrance examination	Date of Examination	No. of candidates applied	No. of candidates appeared
1	MD Courses	02.02.2012	774	744
2	DM Cardiology	20.06.2012	67	60
3	DM Endocrinology	20.06.2012	38	34
4	DM Neurology	20.06.2012	31	26
5	DM Nephrology	20.06.2012	38	34
6	DM Medical Oncology	20.06.2012	9	9
7	MCh Genito Urinary Surgery	20.06.2012	50	48
8	MCh Neurosurgery	20.06.2012	21	18
9	MCh Surgical Oncology	20.06.2012	47	43
10	MCh Cardiothoracic Surgery	20.06.2012 25.09.2012	2 2	2 2
11	MCh Surgical GE	20.06.2012	31	30
12	MSc Nursing	17.06.2012	204	183
13	MPT	17.06.2012	41	36
14	MSc Courses / PG Diploma in paramedical technical courses	17.06.2012	174	152

3.5 Details of thesis / dissertation completed

Name of the course	Name of the student	Title of Thesis/Dissertation
PhD	Ms M. Nagarathnam	A study to assess the quality of life among people with epilepsy attending tertiary care centre
	Ms V. Sri Kumari	Effect of repetitive transcranial magnetic stimulation on corticomotor excitability and motor function of the affected hand in subjects with stroke
	Mr D. Vasu	Molecular characterization of Serine/Threonine protein kinase (STPK) and Protein Tyrosine Kinase (PY Kinase) from Staphylococcus aureus ATCC 12600
MD Biochemistry	Dr VS. Kiranmayi	Evaluation of traditional and novel cardiovascular risk factors in-patients with rheumatoid arthritis
MD Immuno Haematology & Blood Transfusion	Dr IS. Chaitanya Kumar	A prospective study to assess the effectiveness of platelet therapy in-patients with thrombocytopenia
MD Microbiology	Dr G. Satish Kumar Reddy	Characterization and antimicrobial sensitivity patterns of clinically relevant atypical Escherichia species
MD Pathology	Dr T. Ramesh Babu	Histopathological and immunohistochemical evaluation of meningioma with reference to receptor status and proliferative markers
	Dr P. Vijaya Kumar	Analysis of neoplastic and non neoplastic lesions of urinary bladder – Retrospective and prospective study – SVIMS experience
MD Anaesthesiology	Dr A. Sowmya Jayaram	Comparison of Dexmedetomidine – Propofol vs. Fentanyl – Propofol for laryngeal airway insertion
	Dr S. Lokya Naik	Effects of intravenous clonidine or esmolol on hemodynamic responses to laryngoscopy and endotracheal intubation: A randomized, double-blind, clinical efficacy study
MD Medicine	Dr A. Ravi Sankar	Prevalence of osteoporosis and effect of oral hypoglycaemic agents on bone metabolism in-patients with type 2 diabetes mellitus
	Dr U. Bhaskara Rao	A study of prevalence of microvascular complications in-patients newly diagnosed to have type 2 diabetes mellitus at the time of initial diagnosis

Name of the course	Name of the student	Title of Thesis/Dissertation
DM Neurology	Dr T. Naveen	Clinical manifestations, radiological findings and outcome in cerebral vein and dural sinus thrombosis: a prospective study
DM Endocrinology	Dr P. Satish Kumar	Evaluation of vitamin B12 status in -patients with radioiodine ablation of thyroid gland
DM Cardiology	Dr CS. Theja Nandan Reddy	Utility of NT -pro- BNP in the evaluation of left ventricular diastolic function: Comparision with tissue doppler imaging recordings
	Dr V. Ganeswara Reddy	Effect of Percutaneous balloon mitral valvuloplasty on left atrial appendage function: A doppler tissue study
MCh Genito Urinary Surgery	Dr P. Raghuveer	Factors predicting success of retrograde ureteric stenting in managing patients with ureteric obstruction
	Dr P. Preetam	Study of treatment options in stricture urethra management and success rate in different types and sites of stricture
DM Nephrology	Dr Y. Sandeep Reddy	To study endothelial dysfunction in chronic kidney disease in adults
MCh Cardiothoracic Surgery	Dr M. Ravi Kiran	Effect of valve prosthesis -patient mismatch on left ventricular mass regression following aortic valve replacement in-patients with aortic stenosis
	Dr K. Kiran Kumar	Double valve replacement – Predictors of adverse outcome
MCh Neurosurgery	Dr VA. Kiran Kumar	Study of the clinical profile and surgical outcome of spinal disorders in children and adolescents at a tertiary referral centre (SVIMS, Tirupati)
MSc Biotechnology	Mr M. Abdul Kalam	Cloning, expression and characterization of Acid phosphatase from Staphylococcus aureus ATCC 12600
	Ms S. Anusha	Analysis of Biofilm formation and FnbA gene detection and expression in Staphylococcus aureus ATCC 12600
	Mr E. Bhupathi Reddy	Analysis of gene detection and expression of SpA in Staphylococcus aureus ATCC 12600
	Mr C. Chaitanya	Identification and Characterization of CD34 + Stem cells in hematopoietic stem cells

Name of the course	Name of the student	Title of Thesis/Dissertation
	Mr K. Chaithanya	Cloning, expression and characterization of Pentapeptide Ligase from Staphylococcus aureus ATCC 12600
	Mr G. Dharani Prasad	Identification, expression and characterization of Alkaline phosphatase from patients suffering with severe mitral valve stenosis
	Ms Y. Harika	Cloning, expression and characterization of IMPDH in Staphylococcus aureus ATCC 12600
	Ms B. Kiran Kumar	Culturing and characterization of BRCA1 gene from breast cancer cell lines
	Ms M. Lakshmi Priya	Expression and characterization of Astrocyte cytosolic marker GS (Glutamine Synthetase) from retinoic acid induced CD34 + ve stem cells
	Ms P. Pavithra	Cloning, expression and characterization of Peptidyl Deformylase from Staphylococcus aureus ATCC 12600
	Ms D. Prathyusha	Differentiation of hematopoietic stem cells (CD34 + cells) to type II pneumocytes
	Mr K. Roshan Jahan	Molecular characterization of Von Hippel - Lindau disease in-patient presenting with clear cell renal carcinoma
	Mr K. Sreedhar Naik	Streptomycin induced mutants in Staphylococcus aureus
	Mr D. Suresh Bhargav	Expression and characterization of surfactant protein C from differentiated hematopoietic stem cells
	Ms AV. Thanusha	Expression and characterization of Astrocyte specific marker GFAP from Retinoic acid induced CD34 + ve stem cells
MSc Bioinformatics	Mr B. Altaf Basha	Virtual screening to design drug molecules for human cathepsin D
	Ms S. Aswini	Strategic molecular docking to explore novel inhibitors against human complement component C8 alpha chain
	Ms D. Deepthi Reddy	Discovery of novel human Macrophage colony stimulating factor -1 receptor (CSF1R) inhibitors against cardiovascular diseases based on molecular docking studies

Name of the course	Name of the student	Title of Thesis/Dissertation
	Ms Y. Geetha	Identification of novel human growth factor receptor bound protein -2 (GRB2) activators through in silico docking studies against cardiovascular diseases
	Ms B. Keerthi Kumari	Discovery of novel human ficolin-3 activators based on molecular docking studies
	Mr D. Prasad	Docking studies to discover novel therapeutic antagonists for human sulfhydryl oxidase1 involved in cardiovascular disease
	Mr G. Ramesh	Structure based virtual screening to discover potent antagonists for human PPIF: A drug target of cardiovascular disease
	Ms Reshma	Structure based virtual screening to design novel potent inhibitors for human alpha -1 acid glycoprotein (ORMI) involved in cardiovascular diseases
	Ms A. Sandhya	Identification of novel agonist for human Apolipoprotein A -I (Apo A -I) causing cardiovascular diseases
	Ms N. Sri Satya Anila	In silico analysis to explore novel antagonists for human insulin like growth factor binding protein -1 (IGFBP-1) involved in cardiovascular diseases
	Ms G. Tejaswi	Structure based virtual screening to design novel potent activator for human heparin cofactor II (HCFTII) involved in cardiovascular diseases
MSc Medical Anatomy	Ms S. Havila Hasini	Morphological features, morphometric parameters and histological features of human fetal thymus glands at different gestational ages
	Mr Ch. Jaipal	Morphological features, morphometric parameters and histological features of human fetal stomach at different gestational ages
	Ms K. Jyothirmayi	Morphological and morphometric parameters of human fetal hearts and origin, course and branching pattern of coronary arteries at different gestational ages
	Ms Md. Reshma	Morphological features, morphometric parameters and histological appearance of human fetal caecum and appendix at different gestational ages

Name of the course	Name of the student	Title of Thesis/Dissertation
	Ms N. Sandhya	Morphological features, morphometric parameters and chronological appearance of human fetal cerebral sulci and gyri at different gestational ages
MSc Medical Physiology	Ms M. Chaitanya Kumari	Comparison of VO ₂ max in obese and non obese women
	Mr K. Manas Chakravarthy	Comparison of energy expenditure during walking and running in healthy adult male individuals on treadmill and track (1 mile)
	Mr K. Prashanth Kumar	Comparison of pulmonary function tests in smokers and non smokers
	Ms K. Pujitha	Postural changes in heart rate and blood pressure with ageing
	Mr SD. Rasool	Study of pulmonary function tests in non- smokers of traffic policemen
MSc Medical Biochemistry	Mr P. Pullaiah	Study of lipid peroxidation, protein carbonylation and anti oxidant status in rheumatoid arthritis
	Ms K. Rajyalakshmi	Study of atherogenic indices in rheumatoid arthritis
	Ms G. Sarvari	Study of asymmetric dimethylarginine levels in-patients with diabetic nephropathy
	Mr K. Sreenivasulu	Association of triglyceride/high density lipoprotein cholesterol ratio with disorders producing insulin resistance
	Mr K. Udaya Bhaskhar	Study of ischemia modified albumin levels in-patients with diabetic nephropathy
MSc Medical Microbiology	Ms P. Monica	Comparison of anti nuclear antibodies ELISA with anti nuclear antibodies Western blot for the diagnosis of clinically suspected patients of connective tissue disorders
	Mr T. Murali Krishna	Antimicrobial susceptibility of methicillin resistance staphylococcus aureus to various antibiotics with special reference to pristinamycin
	Ms P. Pavani	Serological study for Japanese encephalitis virus among hospitalized patients in Tirupati
	Ms K. Seshu Kumari	Isolation and speciation of Candida based on morphological structures
	Ms Maria Sindhura John	Seroprevalence of Scrub Typhus among clinically suspected patients by rapid test

Name of the course	Name of the student	Title of Thesis/Dissertation
MSc Nursing in Community health specialization	Ms Tenepalli Gayathri	A study to assess the factors for non adherence of tuberculosis patients to directly observed treatment short course (DOTS) at selected DOTS centres in Tirupati
	Ms M. Lakshmi Devi	A study to assess the effectiveness of structured teaching programme on knowledge regarding dog bite among elementary school children in selected schools at Tirupati Rural Mandal
	Ms P. Naveena	A study to assess the effectiveness of audio - visual teaching programme on knowledge regarding vasectomy among spouses of selected women attending MCH centre in Tirupati
	Ms R. Pavani	A study to assess the knowledge regarding life style changes on prevention of diabetes mellitus among high school teachers at selected school of Tirupati with a view to develop information booklet
	Ms S. Udaya	A study to assess the knowledge regarding antenatal care among primigravida mothers attending at maternal child health centre, Tirupati
MSc Nursing in Obstetric & Gynaecological specialization	Ms BG. Bhuvaneswari	A study to assess cultural beliefs and practices of post partum period among postnatal mothers at selected rural areas in Tirupati
	Ms T.Devilatha	A study to assess the effectiveness of pre delivery preparation on anxiety level among primigravida mothers at maternal child health centre, Tirupati.
	Ms G.Hemalatha	A study to assess the prevalence of post partum depression among postnatal mothers during preparation in selected areas of Tirupati with a view to develop an information booklet
	Ms Shaik Jabeena Taj	A study to assess the birth weight of newborns born through normal vaginal delivery in relation to placental weight at government hospital, Madanapalli
	Ms K. Radhika	A study to assess the knowledge and effectiveness of structured teaching programme regarding prevention of leg cramps among antenatal mothers at maternal child health centre, Tirupati

Name of the course	Name of the student	Title of Thesis/Dissertation
	Ms P. Sumalatha	A study to assess the knowledge attitude and practices regarding periodontal disease among antenatal mothers attending MCH centre, Tirupati
	Ms Ch. Vanitha	A comparative study of actual and perceived problems in lactation among primipara and multipara mothers at selected areas in Tirupati
MSc Nursing in Paediatric specialization	Ms M. Jayasree	A comparative study to assess the knowledge regarding hazards of video gaming addiction between government and private school children in selected schools, Tirupati
	Ms U. Lavanya	A comparative study to assess the knowledge regarding effects of junk food consumption between urban and rural areas school children in Tirupati
	Ms M. Subhashini	A study to assess the effectiveness of structured teaching programme on child labour among mothers of below 14 years children at selected rural areas of Tirupati
	Ms P. Swathi	A comparative study to assess the knowledge and practices on toilet training among mothers of under five children between urban and rural areas, Tirupati
MSc Nursing in Psychiatric specialization	Ms B. Anusha	A study to assess self efficacy and anxiety among 1 st year BSc Nursing students at selected nursing colleges in Tirupati
	Ms Thathigari Gayathri	A study to assess the level of knowledge among teachers regarding emotional intelligence of primary school children at selected schools of Tirupati
	Ms C. Jyothi	A study to assess the level of anger among adolescents at selected colleges of Tirupati
	Ms G. Manasa	A comparative study to assess emotional intelligence and academic stress among adolescents boys and girls in selected colleges, Tirupati
	Ms N. Pratusha	A study to assess the effectiveness of audio video assisted humor on reduction of perceived stress among elderly at selected old age homes of Tirupati

Name of the course	Name of the student	Title of Thesis/Dissertation
	Ms A. Sumithra	A study to assess the level of stress and coping strategies adopted by parents in rearing adolescents at Nehru Nagar, Tirupati
	Ms V. Suvarchala	A study to assess the level of self concept among adolescents at selected colleges of Tirupati
	Ms V. Umarani	A comparative study to assess the level of life satisfaction among working and non working women at selected areas of Tirupati
PDCC in Surgical Gastroenterology	Dr K. Rajasekhar	Blunt injuries of liver
	Dr K. Vamseedhar	Comparison of quality of life in-patients with chronic pancreatitis before and after surgery
	Dr N. Rajeev Reddy	A study on comparison between laparoscopic Nissen's fundoplication and laparoscopic Toupet's fundoplication
	Dr B. Venkatesham	Prospective analysis of stricture rate following esophago-gastric anastomosis
PDCC in Critical Care Medicine	Dr D. Nagara Reddy	Outcome of organophosphorous compound poisoning in respiratory intensive care unit
	Dr A. Muralidhar	Audit of respiratory intensive care unit in a tertiary care hospital in South India: A 6 month experience using APACHE II scoring system
PDCC in Neuro Anaesthesia	Dr Arun Mathur	Perioperative management and outcome of extradural haematoma – Analysis of 10 cases

4.0 Establishment section

The Establishment Section is responsible for management of all the personnel issues such as recruitment, appointments, promotion, appraisal, leave administration, salary administration etc.

Following selection committees are operative at present:

1. The selection committee for appointment of faculty is as follows:

- The Director
- Principal Secretary to Govt., HM & FW Department or his nominee
- Executive Officer, TTD or his nominee

iv) One external expert from the specialty concerned

v) Dean of the faculty as convener

vi) One honorary consultant to be nominated by the Director

The meetings of the selection committee for faculty were held on 12.04.2012 & 15.10.2012.

2. The selection committee for appointment of non faculty comprises of

- The Director
- Head of the department concerned
- A representative of the Executive Officer, TTD

- iv) One external expert from subject concerned nominated by the Director v) Registrar, as convener

Details of Staff working in SVIMS as on 31st December 2012:

Non-faculty & Faculty (non medical)

S. No.	Particulars	SC		ST		BC		OC		Total	
		M	F	M	F	M	F	M	F	M	F
1	Officers cadre	03	-	-	-	02	01	12	12	17	13
2	Ministerial staff	05	01	-	01	12	02	18	04	35	08
3	Paramedical staff	06	08	02	-	-	-	46	26	54	34
4	Nursing staff	-	34	-	02	-	48	01	80	01	164
5	University staff	-	06	-	-	-	06	08	12	08	24
	Total	14	49	02	03	14	57	85	134	115	243

As per Rule No.14 of Draft service rules of SVIMS, rule of reservation is not applicable in case of appointments and promotions to the posts falls under Group-A-Faculty Medical

Faculty-Medical

S. No.	Cadre	Male	Female	Total
1	Professor	12	03	15
2	Additional Professor	04	01	05
3	Associate Professor	14	08	22
4	Assistant Professor	28	04	32
5	Chief Medical Officer	01	-	01
6	Senior Medical Officer	01	01	02
7	Casualty Medical Officer	04	02	06
	Total	64	19	83

Residents

S. No.	Category	Male	Female	Total
1	Post Graduate Junior Residents (MD / DNB)	24	14	38
2	Post Graduate Senior Residents (DM / MCh)	56	06	62
3	Non PG Junior Residents	08	04	12
4	Non PG Senior Residents	02	02	04
	Total	90	26	116

Outsourced Staff

S.No.	Particulars	Male	Female	Total
1	Skilled	144	247	391
2	Semi skilled	58	87	145
3	Un skilled	256	117	373
	Total	758	749	1507

The following faculty joined in the year 2012

S. No.	Name of the Faculty	Designation	Department
1.	Dr M. Rajaguru	Professor	Neurology
2.	Dr H. Narendra	Associate Professor	Surgical Oncology
3.	Dr S. Sarala	Associate Professor	Radiology
4.	Dr P. Nagapraveen	Assistant Professor	Radiology
5.	Dr R. Arun	Assistant Professor	Transfusion Medicine
6.	Dr Ranadheer Gupta Mantri	Assistant Professor	Nuclear Medicine
7.	Dr Arpana Bhide	Assistant Professor	Physiology
8.	Dr A. Muralidhar	Assistant Professor	Anaesthesiology
9.	Dr V. Venkata Rami Reddy	Assistant Professor	Surgical GE
10.	Dr B. Manilal	Assistant Professor	Surgical Oncology
11.	Dr K. Vinay	Assistant Professor	Anaesthesiology
12.	Dr C.S. Thejanandan Reddy	Assistant Professor	Cardiology
13.	Dr V. Ganeswara Reddy	Assistant Professor	Cardiology
14.	Dr P. Satish Kumar	Assistant Professor	Endocrinology
15.	Dr P. Ravinder	Assistant Professor	Nephrology
16.	Dr T. Naveen	Assistant Professor	Neurology

The following faculty Promoted in the year 2012

S. No.	Name of the Faculty	Promoted as	Department
1	Dr Alok Sachan	Professor	Endocrinology
2	Dr V. Suresh	Professor	Endocrinology
3	Dr P. Sriram	Professor	Surgical GE
4	Dr V. Vanajakshamma	Professor	Cardiology
5	Dr V.V. Ramesh Chandra	Associate Professor	Neurosurgery
6	Dr N. Hemanth	Associate Professor	Anaesthesiology
7	Dr B.V. Subramanian	Associate Professor	Radiotherapy

4.0 Employees superannuated

Sri. P.S.Vijaya Saradhi, AD (MSW) was superannuated on 31.05.2012. He was joined on regular services as Medico Social worker and later promoted as Assistant Director (MSW) on 12.06.2009. He was retired on 30.05.2012 on attaining the superannuation.



P.S.Vijaya Saradhi

5.0 Research activities

As per the act No.12 of 1995 under sec. 4 the objects of the act exercises course to the institute to conduct research in the relevant discipline of modern medicine and other allied sciences, including inter-disciplinary fields of Physical and Biological Sciences.

The greatest asset of Sri Venkateswara Institute of Medical Sciences is its highly dedicated and motivated team of faculty, postgraduates, research scholars and Para-medical staff, rendering their services to the patients with great determination and enthusiasm. To prove this, the faculty and postgraduates have won several awards in various conferences of national and international reputation for presenting their research work. Several research projects are being undertaken with the financial assistance from Government of India institutions like Department of Biotechnology (DBT), Department of Science and Technology (DST), Defense Research Development Organization (DRDO), Director General of Health Services (DGHS), Indian Council for Medical Research (ICMR), National AIDS Control Organization (NACO) & Central TB Division, Andhra Pradesh Council for Science & Technology (APCOST) European union and Sri Balaji

Aarogya Varaprasadini (SBAVP) scheme of SVIMS, TTD.

The institute is conducting regular research activities which are recognized by Indian Council of Medical Research, Department of Biotechnology, and Dept. of Science & Technology.

6.0. New initiatives

1. Women welfare clinic was inaugurated for the benefit of women employees of SVIMS.



Women welfare clinic was inaugurated on 2nd January 2012 by the Director, SVIMS for the benefit of women employees. Also seen (from L-R) are Dr A.Y. Lakshmi and Dr Abha Chandra.

2. SVIMS extended its support for the ambitious programme 'Cheyutha' being taken up by Rajiv Vidya Mission, Govt. of A.P and SVIMS to identify the children with special needs like speech Therapy, Physiotherapy, Epilepsy, Juvenile Diabetes etc. in Chittoor District. SVIMS started a training programme on 15th October, 2012, for the teachers to identify the children with special needs
3. A training programme was organized for all the nurses on rotation on, "Emergency care skills" in association with GVK-EMRI, Hyderabad w.e.f. 24th January, 2012
4. The organ transplantation committee inspected the infrastructure facilities at SVIMS and renewed the permission for transplantation of kidney, lung and heart for further period of 5 years w.e.f. 24th May, 2012



The organ transplantation committee appointed by the DME, Hyderabad visited on 18th April 2012 and inspected the infrastructure facilities and renewed the permission for transplantation of kidney, lung and heart for further period of 5 years from 24th May 2012.

5. Clean and Green programme was inaugurated by the Director, SVIMS w.e.f. 23rd June 2012, which will be held on every Saturday in the afternoon in the campus by the NSS Unit.



The Director, SVIMS inaugurated the Clean and Green programme in the campus on 23rd June 2012 which will henceforth be held regularly on every Saturday in the afternoon with NSS volunteers.

6. The institute introduced an innovative music therapy programme to the patients for bringing peace and early recovery.



The Institute organized an innovative Music therapy programme on 19th May 2012 with international Sarod Mastro Avijith Ghosh.

6.1 Enhanced services at SVIMS

The poor and needy patients who require PET CT scan facility was provided at free of cost under SV Pranadana Scheme w.e.f. 01st June, 2012.

6.2 Enhanced services for faculty and postgraduates



Faculty Quarters - New Block



Director's Bungalow

Three new blocks containing 44 quarters (32 two bed room and 12 three bed room quarters) were constructed within the SVIMS campus and were occupied by the faculty and postgraduates. The institute provided partly furnished accommodation.

6.3 Enhanced services for visiting faculty

Fully furnished 12 guest rooms were constructed within the campus and made available for visiting faculty w.e.f. October, 2012.

6.4 Facilities to staff

All the women employees of the institute were provided screening services and investigations for cervical and breast cancers.

All the outsourcing employees (Unskilled manpower provided by RASS) were extended the healthcare facility apart from skilled staff w.e.f. 01st August 2012.

7.0 Recognition for SVIMS contribution to the faculty

7.1 Awards

1. Dr B. Vengamma, Director, SVIMS was nominated as a Fellow of the Royal College (FRCP) of Edinburgh” for recognition of her contribution to Academics and Medical Research.
2. Dr B. Vengamma, Director, SVIMS was awarded by the Americare’s India with Spirit of Humanity-2012, in recognition of her outstanding service to the poor Epilepsy patients, with free distribution of medicines worth Rs.1.5 Lakhs every month from 1999 and completed 158 monthly camps on 07th April 2012 at Mumbai
3. Dr B. Vengamma, Director, SVIMS was awarded Alumni Award for Excellence on the Alumni Day Celebrations of Sri Venkateswara University Alumni Association, SV University, Tirupati on 27th August, 2012.
4. Dr Alladi Mohan, Professor and Head, Department of Medicine was awarded the FRCP (Edin) Fellowship awarded by the Royal College of Physicians, Edinburgh in 2012.
5. Dr B.C.M. Prasad, Professor and Head, Department of Neurosurgery was awarded Neurosamaritan by MIHTA for the contribution in the field of Neurosurgery
6. Dr V.V. Ramesh Chandra, Associate Professor, Department of Neurosurgery received Young Neurosurgeon Fellowship at Nagoya University, Japan during the conference during 19-28 October 2012.
7. Dr H. Narendra, Associate Professor, Department of Surgical Oncology was awarded Baroda – GCRI- IASO travelling minimally invasive fellowship-2012 by the Indian Association of Surgical Oncology.
8. Dr K. Madhavi, Principal, College of Physiotherapy was awarded Indian Association of Physiotherapist’s Significant Achievement award – 2012 during 50th Annual Conference of the Indian Association of Physiotherapists at the golden jubilee conference, Sri Fort auditorium, New Delhi, on 18th March, 2012.
9. Dr K. Madhavi, Principal, College of Physiotherapy was awarded Eminent Educationist award by National and International compendium held at New Delhi on 24th November, 2012.
10. Dr A. Padmaja, Professor, College of Nursing was awarded Dr Radha Krishna Gold Medal award” for outstanding individual achievement and distinguished service in Education (N), by Global Economic Progress and Research Association, Chennai on 15th December, 2012.
11. Dr G. Sivaram Naik, Postgraduate in Medicine won the First Prize (Rs 5000/-) in the Award Session Best paper in the Annual Conference of AP Chapter of Association of Physicians of India (AP-APICON 2012) held at Kurnool, A.P. on 22nd & 23rd September, 2012.

12. Dr G. Karunakar, Postgraduate in Anaesthesiology received Best poster award during the conference ISAAPCON –2012 held at Warangal, A.P.
13. Mr K. Venkatesh, Research Scholar, Department of Biotechnology, was awarded Consolation Best poster award in the DST-PURSE National Conference on Biotic and Abiotic Molecules -Their Health Effects And Therapeutic Applications (BAMHT-2012) held at Tirupati, AP during 24-25 February 2012.
14. Dr V. Ganeswara Reddy, Postgraduate in Cardiology received Young Scientist Award (Gold Medal) for his presentation on Effect of percutaneous mitral balloon valvuloplasty on left atrial appendage function: Transesophageal echo study at 17th A.P. Chapter annual conference of Cardiologists Society of India, held at Hyderabad in June 2012.
15. Dr A. Vidyasagar, Postgraduate in Cardiology received Best Poster presentation award in 64th Annual Cardiologists Society of India conference held at New Delhi during 6-9, December, 2012 for his poster presentation on Assessment of Right Ventricular function by 2-D and 3-D Echo before and after ASD device closure.
16. Dr M. Arun, Postgraduate in Endocrinology won First prize in quiz competition held at Amrita Institute of Medical Sciences, Kochi, Kerala.
17. Dr A.V.S.S.N. Sridhar, Postgraduate in Nephrology received Best Poster presentation award from Indian Academy of Nephrology, Bengaluru'2012.
18. Dr E. Bhavatej, Postgraduate in Urology received Pinnamanenu poly clinic Best Paper Prize at APSOGUS, 2012 on Outcomes of alternate vascular access in Chronic hemodialysis
19. Dr Ch. Nooki Naidu & Dr Sree Ranga, Postgraduates in Urology received first prize in quiz conducted for PGs at APSOGUS 2012.

7.2 Orations delivered

1. Dr Alladi Mohan, Professor and Head, Dept. of Medicine delivered the National Academy of Medical Sciences (NAMS), India "Golden Jubilee Commemoration Award Lecture" awarded to the youngest recipient of FAMS fellowship of the academy, titled "Myriad manifestations of miliary tuberculosis" at the National Conference NAMSCON 2012, held at Chennai on 14th October 2012
2. Dr V. Siva Kumar, Senior Professor and Head, Dept. of Nephrology received "IMA endowment oration" held at Tenali on 24th December 2012. The topic of the oration was "In the making of a Medical doctor".
3. Dr Abha Chandra, Professor and Head, Dept. of Cardiothoracic Surgery received the prestigious "Dr N.L. Bordia oration" on 28 December 2012 at the 72nd Annual Conference of Association of Surgeons of India, at Kolkata. The topic of the oration was, "The Scenario of Thoracic Diseases in South India: Mediastinal Tumours."

7.3 Patents

1. The department of Biotechnology got registered for patent on "Identification of Tyrosine kinase and Serine/Threonine kinase activities in *Staphylococcus aureus* ATCC12600. Indian Patent filed: TR-5. C.B.R. NO: 6535"

7.4 Honours and Key assignments

Dr Alladi Mohan Professor and Head of the Department of Medicine has been

1. *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.

2. *Member, Steering Committee for evaluation of CB-NAAT, Revised National Tuberculosis Control Programme of Government of India*
3. *Member, Working Group to develop National Strategic Plan (2012-17) for Revised National Tuberculosis Control Programme (RNTCP), Government of India*
4. *Member, National Operational Research(OR) Committee for the involvement of Medical Colleges in the Revised National Tuberculosis Control Programme (RNTCP) of Government of India*
5. *The Editor, Indian Journal of Chest Diseases and Allied Sciences published from V.P. Chest Institute, University of Delhi, since 2010.*
6. *Associate Editor (Pictorial Quiz), Lung India (indexed in PUBMED) since 2010.*
7. *Associate Editor, Journal of Indian Association of Clinical Medicine (indexed in INDMED) since 2011.*
8. *Associate Editor, J Clin Sci Res, (indexed in Index Copernicus) since 2012.*
9. *Vice-Chairman, Andhra Pradesh State Chapter of Association of Physicians of India*
10. *Vice-Chairman, Andhra Pradesh State Task Force for the involvement of Medical Colleges in the Revised National Tuberculosis Control Programme (RNTCP) of Government of India*

7.5 Award of Meritorious certificates to the employees of SVIMS

On the eve of 63rd Republic Day celebrations the following employees were awarded meritorious certificates on 26.01.2012.

S. No.	Name of the Employee	Designation	Department
01.	G. Suresh Kumar	Superintendent	Aarogyasree
02.	G.P. Manjula	-do-	P.M. Office
03.	G. Bhagyasree	-do-	-do-
04.	D. Madhavi	Sr. Assistant	-do-
05.	V. Aruna	-do-	Accounts Section
06.	A. Ramasubba Ramudu	Steno-cum-Jr. Asst.	P.M. Office
07.	N. Venkateswara Prasad	M.R.A.	M.S.W. Section
08.	P.M. Vasudevan	Anaesthesia Tech. Gr.I	Anaesthesia
09.	Y. Pushapalatha	ECG Technician	Cardiology
10.	T. Sivaiah	Sr. O.T. Assistant	Anaesthesia
11.	V. Annie Besent	Head Nurse	-do-
12.	E. Bhuvaneswari	-do-	Surg. Oncology
13.	T. Suseela	-do-	Endocrinology
14.	U. Yashoda	-do-	Cardiology
15.	A.R. Mythili	Staff Nurse	Cardiothoracic Surgery
16.	C. Syamala	-do-	Medical Oncology
17.	K. Ramadevi	-do-	Transfusion Medicine
18.	N. Panduranga Chetty	Electrician	Engineering Section
19.	P. Ramesh	-do-	-do-
20.	O. Ramesh Reddy	Refrigeration Mechanic	-do-

Apart from the regular staff, the outsourcing staff (Skilled, semi-skilled and Unskilled category) who contributed their outstanding services to the patient care.

8.0 Visitors to SVIMS

1. A renowned Geriatriist - Dr Mohan Mallam, president of Indo-American Doctors Association Dr V. Rao Amendi and Dr Sunitha Kanumuri, consultants from USA visited SVIMS on 2nd January 2012.
2. The 19th Anniversary and Unifest celebrations of SVIMS was held, Prof C.S. Bhaskaran, Former Vice-chancellor, Dr NTRUHS attended as chief guest. Dr Chinta Mohan, Member of Parliament, Sri J. Srinivasa Raju, IAS, JEO, TTD, Dr J. Vasudeva Reddy, Principal, S.V. Medical College were attended on 26th February 2012.
3. Sri P. Sudhir, Special Chief Secretary, HM & FW, Govt. of AP visited on 10th April 2012 and participated in inauguration of certain equipments.



Sri P. Sudhir, Spl. Chief Secretary, HM & FW, Government of Andhra Pradesh is inaugurated the EO Sterilization equipment on 10th April 2012. Also seen are from Left to Right Dr B. Vengamma, Director, SVIMS, Dr P. Raja Gopal, Registrar, SVIMS, Sri. L.V. Subramanyam, Executive Officer, TT Devasthanams.

4. The Hon'ble Chief Minister of A.P. visited the institute on 11th May 2012 and expressed satisfaction on the performance of the institute.



The Hon'ble Chief Minister, Government of A.P visited the institution on 11th May 2012 and expressed satisfaction over the performance of the institute.

5. A renowned cardiologist Dr Laniein Fro from Vietnam visited the Institution and organized a two day workshop on Device Closure of ASD on 4th June 2012.
6. Dr Subhashini. Y Internist & Endocrinologist from Albany, NY, Participated in Tree Plantation Ceremony (Vana Mahotsavam) on 31st July 2012.



7. Dr K. Vishnu Prasad, D.M.E, Hyderabad is seen participating in Clean & Green programme in the campus on 04th August 2012.



8. The District Collector, Chittoor is addressing a gathering on 30th August 2012 on the occasion of organizing the distribution of Vitamin – A tablets in Government schools in Chittoor District with the financial assistance of Americares, USA.



The District Collector, Chittoor is addressing the gathering on 30th August 2012 on the occasion of organizing the distribution of Vitamin – A tablets in Government schools in Chittoor District with the financial assistance of Americares, USA.

9. Smt. Anju Yadav, Inspector of Police, DCRB addressed the students on the occasion Anti-Ragging awareness programme, held on 31st August 2012.



Smt. Anju Yadav, Inspector of Police, DCRB addressed the students on the occasion Anti-Ragging awareness programme, held on 31st August 2012.

10. Sri K. Bapiraju, chairman, TTD Board of Trustees visited the institute on 27th September 2012 and interacted with the patients, expressed satisfaction over the feedback.



Sri. K. Bapiraju, Chairman, TTD Board of Trustees visited the institute and interacted with the patients selected for treatment under Sri Venkateswara Pranadana scheme on 27th September 2012.

11. Sri P.K. Pradhan, Secretary, Union Ministry of Family and welfare, Govt. of India visited the institute to appraise the implementation of Pradhan Mantri Swasthya Suraksha Yojana (PMSSY) scheme.



Sri. P.K. Pradhan, Secy., Union Ministry of Health & Family Welfare, Government of India is seen inaugurating 1000 mA & 500 mA digital X-Ray machines on 28th October 2012, which was sanctioned under PMSSY scheme.

12. Sister Meera Nagananda, Director, Prajapita Brahmakumaris Eswariya Vidyalaya, Malaysia delivered a guest lecture on the topic "The art of positive thinking & choosing to be calm" on 07th November 2012.



Sister Meera Nagananda, Director, Prajapita Brahmakumaris Eswariya Vidyalaya, Malaysia delivered a guest lecture on the topic "The art of positive thinking & choosing to be calm" on 07th November 2012.

13. Dr M. Rami Reddy, Founder, Ration Labs Inc. & Eminent Physician of Sandiago, U.S.A. visited the institution and delivered a lecture on "Use of computer aided drug design methods and structural biology in the discovery of new class of clinical candidates for Diabetes & AIDS on 4th December 2012.
14. The Director, SVIMS is seen lighting the lamp on 06th December 2012 on the occasion of 56th Vardhanthi of Dr B.R. Ambedkar in SVIMS.



The Director, SVIMS is seen lighting the lamp on 06th December 2012 on the occasion of 56th Vardhanthi of Dr B.R. Ambedkar in SVIMS

15. Dr V. Vishnu Prasad, D.M.E. Hyderabad, visited the ICU's at SVIMS on 30th December 2012 and expressed the satisfaction over the maintenance.



9.0 Activities at SVIMS

9.1 Convocation

The third convocation of the institute was held on 18th September 2012 at Mahati Auditorium, Tirupati. Dr (Professor) M. Gourie Devi, Veteran Neurologist and former Director of NIMHANS, Bangalore was delivered the convocation address. The Executive Officer, TTD, The Vice-Chancellor, SV University, Dr C.S. Bhaskaran, Dr Chadalawada Sudha, the members of the Governing Council were shared the dias. The Director awarded the degrees. The Executive Officer, TTD awarded the medals to the best outgoing students of the university.



The Members of the Governing Council, Academic Senate took part in the Gowning ceremony.



1. The Dignitaries are seen participating in the lighting the lamp ceremony.
2. The Post Graduates of Medicine(MD, DM, MCh) were called to receive their degrees.
3. The inauguration of 3rd Convocation. Seen from left to right are Dr P.Rajagopal, Registrar, SVIMS, Dr D. Rajasekhar, Dean, SVIMS, Sri. L.V. Subramanyam, E.O. TTD, Dr B. Vengamma, Director, SVIMS, Dr M. Gourie Devi, Veteran Neurologist & former Director, NIMHANS, Dr Ch. Sudha, PIMS, Vijayawada, Prof. W. Rajendra, Vice Chancellor, S.V. University, Tirupati.
- 4 & 5. A section of the audience attending the convocation.

9.2 Institute Day Celebrations

1. The 19th Anniversary and Unifest celebrations of SVIMS were held, Prof CS. Bhaskaran, Former Vice-chancellor, Dr NTRUHS attended as chief guest. Dr Chinta Mohan, Member of Parliament, Sri J. Srinivasa Raju, IAS, JEO, TTD, Dr J. Vasudeva Reddy, Principal, S.V. Medical college were attended.



2. The Staff members and their children who participated and excelled in various sports and cultural activities were awarded. The students and staff members were participated in cultural events to mark the occasion.

9.3 Orations organized

The orations are instituted in the name of the donor or the name suggested by him/her, on receipt of the donation. The annual interest generated from the donation is utilized for organizing the oration. The following orations were organized for the year 2012.

1. The 2nd annual Dr Y. Subhashini and Dr Kamalakhar Reddy endowment oration was delivered by Dr Dileep Kumar, Professor of Endocrinology (Rtd), Andhra Medical College, Vizag on 7th January 2012, on the topic, "Role of zinc and chromium in development of insulin resistance and type 2 diabetes mellitus". The oration was organized by the Dept. of Endocrinology.



2. The 4th Cardiology chair oration was delivered by Padmasri, Professor B.Somaraju, Chairman, Care group of Hospitals, Hyderabad on 6th March 2012, on the topic, "Has medicine lost its heart". The oration was organized by the Dept. of Cardiology. Sri K.Bapi Raju, MP, Chairman, TTD Board of trustees is also seen.



3. The 6th annual Professor Nalagatla Balakrishna Reddy Endowment oration was delivered by Dr K.V. Dakshina Murthy, Professor and Head of the Department of Nephrology, Nizam's Institute of Medical Sciences, Hyderabad on 26th July 2012, on the topic, "Prevention of progression of chronic kidney disease". The oration was organized by the Department of Nephrology.



Prof. N. Balakrishna Reddy Memorial Nephrology Oration (6th) was organized on 26th July 2012 by the Dept. of Nephrology. Dr K.V. Dakshina Murthy, Chief of Nephrology, NIMS, Hyderabad was felicitated for delivering the Oration.

4. The 3rd Indian Epilepsy Association (IEA) Tirupati oration in Epileptology was delivered by Dr S. Kalyanaraman Former Professor of Neurosurgery, Madras Medical College, Chennai on 8th December 2012, on the topic, "Frequently asked questions by patients and caregivers about Epilepsy". The oration was organized by the Dept. of Neurology.



The 3rd Epileptology Oration was organized jointly by SVIMS & Tirupati chapter of IEA on 08th December 2012. Dr S. Kalyan Raman, noted Neuro Surgeon, Prof. of Neurosurgery (Retd), Madras Medical College(Retd.) was felicitated for his lecture delivered on "Frequently asked questions by patients and caregivers about epilepsy".

5. The 2nd Dr Krishnan and Dr Srikala Medicine Chair Oration was held on 9th January 2013. Dr Kalpalatha K. Guntupalli, Professor of Medicine and Chief Section of Pulmonary, Critical Care and Sleep Medicine, Baylor College of Medicine, USA, delivered the oration titled "Less is More: Current concepts in the management of critically ill". The oration was organized by the Dept. of Medicine.



9.4 Guest lectures organized

S. No.	Date	Topic	Speaker	Department
01.	11.02.2012	End stage liver disease	Dr K.R. Kothandaraman Clinical Gastroenterologist at Northern Ontario School of Medicine, Formerly Head Univ., Ontario	Urology
02.	03.03.2012	Goal setting process & How to achieve goals	Mr Venu Somineni, USA Executive Manager	--
03.	07.04.2012	Incretins in the treatment of diabetes mellitus	Dr Sudha Vidyasagar Professor & HOD, Dept. of Medicine, Kasturba Medical College, Manipal	Medicine
04.	31.05.2012	Anaesthesia for orthopaedic surgery	Dr B. Chandra Sekhar, Consultant in Anaesthesiology, Royal Orthopaedic Hospital, Birmingham UK	Anaesthesiology
05.	09.06.2012	Holistic health care– The future of global medicine	Dr B.C. Harinath, Director, JBTDRC and Coordinator, BIC & Arogyadham, MGIMS, Sevagram, Wardha	Bioinformatics
06.	27.06.2012	Lung transplantation : an overview	Dr Srinivas Bollineni, Consultant Pulmonologist and Lung transplant expert	--
07.	20.09.2012	Research proposals & Funding in India	Dr M. Gourie-Devi, Emeritus Professor of Neurology, Sir Ganga Ram Hospital, New Delhi	--
08.	26.09.2012	Surgery in epics	Sri K. Venkata Sivaiah, IAS (Retd.) Secretary to Govt. of A.P	--
09.	06.10.2012	The Joy of giving programme	Sri Jayadev Galla, MD, Amararaja Batteries, Karakambadi, Tirupati	
10.	07.11.2012	The Art of positive thinking & choosing to be calm	Sister Meera Nagananda, Prajapita Brahmakumaris Director, Malaysia	--
11.	09.11.2012	Service through empathy	Sri Mallesh, Psychologist, Alchemi Institute of Management, Hyderabad	
12.	04.12.2012	Use of computer aided drug design methods and structural biology in the discovery of a new class of clinical candidates for diabetes and AIDS	Dr M. Rami Reddy, Ration Labs Inc., San Diego, CA 92126, USA	Bioinformatics
13.	10.12.2012	Difficult airway management	Dr Ravi Tripuraneni, Consultant in Anaesthesiology from, California, USA	Anaesthesiology
14.	24.12.2012	Safe use of opioids in hospitals and tips for comprehensive pain management	Dr Mohan Mallam, USA	--



Dr M. Gourie Devi, Veteran Neurologist & Former Director, NIMHANS, Bangalore was felicitated with a memento on the occasion of delivering a guest lecture on 20th September 2012. Also seen are the Faculty and the post graduates of Neurology Department, SVIMS.



Dr Mohan Mallam, Internist & geriatric medicine physician U.S.A, delivered a guest lecture on 24th December 2012 on the topic "Safe use Opioids in Hospitals and Tips for comprehensive pain management."



A guest lecture was delivered by Dr K. Venkata Sivaiah, IAS (Retd.) on the topic "Surgery in epics" on 26th September 2012.



Sri Jayadev Galla, M.D, Amararaja batteries, spoke on 06th October 2012 in the auditorium, SVIMS on the occasion of The Joy of giving programme, which was organized to inculcate social service & helping attitude among the students.



Dr Ravi Tripuraneni, consultant in Anesthesiology from California is delivering a guest lecture on 10th December 2012

9.5 Academic programme calendar for the year 2013

The academic schedule for the year 2013 was prepared well in advance for conduct of clinical meetings, CPC, CME, spotters presentations, capsule on investigations, quiz programmes for strict implementation of the teaching programmes.

(1) SATURDAY'S CLINICAL MEETING				(2) THURSDAY'S CLINICAL MEETING				(3) CPC & CRC				
Date	Research Presentation 8:00 to 8:45 AM	Spotter 8:45 to 9:00 AM		Date	Case / Topic Presentation 3:00 to 3:45 PM	Capsule on an Investigation 3:45 to 4:00 PM		Last Saturday between 08:00 & 9:00 AM Co-ordinators: For Med.Cases: Dr B.Siddhartha Kumar, Medicine For Surg.Cases: Dr Abha Chandra, CT. Surgery				
**	13.04.13	19.10.13 Neurology		**	28.03.13	05.09.13	Cardiothoracic Surgery	Urology	23.02.13	Medicine	30.03.13	General Surgery
***	20.04.13	09.11.13 Neurosurgery		***	04.04.13	12.09.13	Endocrinology	IHBT	27.04.13	Endocrinology	25.05.13	Surg. Oncology
***	04.05.13	16.11.13 Nucl. Medicine		***	18.04.13	19.09.13	GE (Surgical)	Radiotherapy	29.06.13	Neurology	27.07.13	Cardiothoracic Surgery
***	11.05.13	23.11.13 Oncology (Med.)		***	25.04.13	26.09.13	General Surgery	Radiotherapy	31.08.13	Med. Oncology	28.09.13	Neurosurgery
***	18.05.13	07.12.13 Oncology (Surg.)		***	02.05.13	03.10.13	Hematology	Oncology(Surg.)	26.10.13	Cardiology	30.11.13	Surgical GE
***	01.06.13	14.12.13 Pathology		***	09.05.13	10.10.13	Medicine	Oncology (Med.)	28.12.13	Nephrology		
***	08.06.13	21.12.13 Radiology		***	16.05.13	17.10.13	Microbiology	Cardiology	Date	(4) CME's First Saturday between 02:00 & 04:00 PM		
***	15.06.13	***		***	23.05.13	24.10.13	Nephrology	Pathology	05.01.13	College of Nursing & College of Physiotherapy		
***	22.06.13	***		***	30.05.13	31.10.13	Neurology	Nephrology	02.02.13	Radiology & Nuclear Medicine		
***	06.07.13	***		03.01.13	08.06.13	07.11.13	Neurosurgery	Neurology	02.03.13	Cardiology & Cardiothoracic Surgery		
05.01.13	13.07.13	***		10.01.13	13.06.13	14.11.13	Nucl. Medicine	Biochemistry	06.04.13	Biochemistry & Endocrinology		
12.01.13	20.07.13	***		17.01.13	20.08.13	21.11.13	Oncology (Med.)	Neurosurgery	04.05.13	Nephrology & Urology		
19.01.13	03.08.13	***		24.01.13	27.08.13	28.11.13	Oncology (Surg.)	Anaesthesiology	01.06.13	GE Surgical & General Surgery		
02.02.13	10.08.13	***		31.01.13	04.07.13	05.12.13	Pathology	Cardiothoracic Surgery	06.07.13	Neurology & Neurosurgery		
09.02.13	17.08.13	***		07.02.13	11.07.13	12.12.13	Radiology	General Surgery	03.08.13	Medicine & Hematology		
18.02.13	24.08.13	***		14.02.13	18.07.13	19.12.13	Radiotherapy	GE (Surgical)	07.09.13	Anaesthesiology		
02.03.13	07.09.13	***		21.02.13	25.07.13	26.12.13	IHBT	Endocrinology	05.10.13	Pathology, Microbiology&Transfusion Medicine		
09.03.13	14.09.13	***		28.02.13	01.08.13	***	Urology	Medicine	02.11.13	Medical Oncology, Surg. Oncology & Radiotherapy		
16.03.13	21.09.13	***		07.03.13	08.06.13	***	Anaesthesiology	Microbiology	07.12.13	Bioinformatics & Biotechnology		
23.03.13	05.10.13	***		14.03.13	22.08.13	***	Biochemistry	Hematology	(5) QUIZ			
08.04.13	12.10.13	***		21.03.13	29.08.13	***	Cardiology	Nucl. Medicine	Annual Medical Quiz will be held every year in the month of February			
								Organizers Dr Alok Sachan, Dr Mutheswaraiiah, Dr Reshmi Pathayak under the co-ordination of Dr A. Mohan				

9.6 Academic committees

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

1. Institutional Ethics Committee (IEC)

The meetings of the IEC conducted for the year 2012 are as follows

- | | |
|--|---------------------------------------|
| i) 23 rd IEC – 22.05.2012 | iv) 26 th IEC – 10.09.2012 |
| ii) 24 th IEC – 09.07.2012 | v) 27 th IEC – 08.10.2012 |
| iii) 25 th IEC – 13.08.2012 | vi) 28 th IEC – 10.12.2012 |

The research proposals submitted to the institutional ethics committee (IEC) for the year 2012 are as follows:

IEC. No.	Title of the project	Submitted by
65	Submission of the Columbia suicide severity rating scale (C-SSRS) reports- Already enrolled subjects and C-SSRS-Since last visit. BRO NOV-2011 IB with summary of change reports, BRV IB updated 18-Nov. 2011 version. BRO NOV, 2011 Investigator's brochure, controller copy: PPD/NO 1199/IB Version dated 18 Nov. 2011/03 - 050 (The project was initially approved by the IEC, investigators broacher for IEC approval)	Dr B. Vengamma Professor & Head Neurology
184	English and Language ICF amendment and translation certificate for approval. Project title "A phase III randomized, double blind, double dummy parallel group, multi center, multi national study for evaluation of efficacy and safety of LMW ... (The project was initially approved by the IEC. submission of amendment and translation certificate for approval)	Dr D. Rajasekhar Professor & Head Cardiology
134-B	Submission of annual reports of the project titled "Project title- Impact of a package of intensive smoking cessation interventions versus recommended basic smoking cessation advice on outcomes in smear positive patients with pulmonary tuberculosis; a randomized controlled trial (STB-RCT)	Dr A. Mohan Professor & Head Medicine
218	Resubmission for approval duly incorporating the suggested corrections in the study " Prospective analysis of stricture rate following esophagogastric anastomosis"	Dr B. Venkatesham, PDCC Surgical Gastroenterology
219	Interstitial Lung Disease India, Registry	Dr A. Mohan Professor & Head Medicine
220	To study the Polymorphism of MTHFR, IL-6 and ICAM-1 genes in-patients with Coronary Artery Disease	K. Latheef Ph.D Scholar Cardiology
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 (The study was approved by the Ethics Committee at the different centers in the country where the study initiated in different sites in India)	Dr D. Rajasekhar Professor & Head Cardiology

IEC. No.	Title of the project	Submitted by
222	Prevalence of “unexpected antibodies in the antenatal women attending the Government maternity hospital, Tirupati	Dr B. Suresh Babu Postgraduate junior resident in MD (IHBT)
223	Prevalence of Vitamin D receptor polymorphism in subjects with vitamin D deficiency	Ms C. Sravani PhD scholar Endocrinology
224	Hemodialysis arteriovenous fistula maturity: Ultrasound evaluation	Dr Pavan Kumar G. Kale, Postgraduate junior resident in DNB (Radio diagnosis)
225	“Efficacy of serum PSA (Prostate Specific Antigen), DRE (Digital Rectal Examination) and TRUS (Transrectal Ultrasound) guided biopsy in detecting carcinoma Prostate”	Dr Tellapuri Sreshma Postgraduate junior resident in DNB (Radio diagnosis)
226	Acute Coronary syndrome and impaired glucose intolerance	Dr D. Rajasekhar Professor & Head Cardiology
227	Clinical utility of salivary parameters in diagnosis and monitoring of renal failure	Dr Naresh Yajamanam Postgraduate junior resident in MD (Biochemistry)
228	Clopidogrel resistance in patients with acute coronary syndromes, chronic stable angina undergoing percutaneous coronary interventions and its correlation with genetic polymorphisms of CYP2C19	Dr D. Rajasekhar Professor & Head Cardiology
229	A study to evaluate the severity and specificity of ELISA taking indirect immunofluorescence as reference test in detecting autoantibodies related to connective-tissue disorders and further differentiating them by western blot	Dr G.L.S. Sumanth Kumar Postgraduate junior resident in MD (Microbiology)
230	Influence of structured aerobic exercise on quality of life and exercise tolerance in patient with mitral valve replacement individuals – A prospective randomized controlled trial	Mrs C. Shanthi PhD Scholar Cardiothoracic Surgery
231	Prevalence of aetiological overlap between rheumatoid arthritis and pyogenic arthritis, pyoderma gangrenosum and can syndrome (PAPA) syndrome	Dr N. Sowgandhi Postgraduate junior resident in MD (Medicine)
232	Comparison of performance of prognostic scoring systems in critically ill patients admitted to intensive care unit	Dr N. Dinesh Kumar MD Medicine
233	Role of Samarium -153 ethylene diamine tetramethylene phosphonate radionuclide bone pain palliation in-patients with metastatic bone disease	Dr Ravishwar Narayan Postgraduate junior resident in DNB (Nuclear Medicine)
234	The spectrum of inflammatory demyelinating diseases of the central nervous system	Dr G. Ramakrishna Postgraduate senior resident in DM (Neurology)
235	Status epilepticus: A study of etiology, clinical presentation, management and prognosis	Dr Marella Sudhakar Rao, Postgraduate senior resident in DM (Neurology)

IEC. No.	Title of the project	Submitted by
236	In hospital medical and neurological complications and outcome of stroke patients	Dr J. Varadaraja Postgraduate senior resident in DM (Neurology)
237	The prognostic significance of NTPro BNP, 3D LA volume and LV dyssynchrony in-patients with acute ST elevation myocardial infarction (STEMI) undergoing primary percutaneous intervention (PCI)	Dr C. Siva Sankara Postgraduate senior resident in DM (Cardiology)
238	Study of the relationship between metabolic syndrome score and angiographic severity of coronary artery disease	Dr Boochi Babu Mannuva Postgraduate senior resident in DM (Cardiology)
239	Plasma N-terminal pro B-type NA triuretic peptide (NT-ProBNP) levels as a marker of adequacy of valvotomy in-patients with rheumatic mitral stenosis	Dr K.P. Ranganayakulu Postgraduate senior resident in DM (Cardiology)
240	Assessment of RV function by 2D and 3D echocardiography before and after ASD device closure	Dr A. Vidyasagar Postgraduate senior resident in DM (Cardiology)
241	Study of plasma osteopontin levels in patients with acute kidney injury requiring dialysis	Dr B. Varalakshmi Devi Postgraduate senior resident in DM (Nephrology)
242	A prospective randomized study comparing traditional fluoropyrimidine based single agent or doublet regimens versus epirubicin based versus taxane based protocols and exploring surrogate markers for response evaluation in advanced gastric carcinomas	Dr V. Venkata Sampath Postgraduate senior resident in DM (Medical Oncology)
243	Assessment of Haematologic, cytogenetic, molecular responses to IMATINIB mesylate in chronic myeloid leukemia	Dr K. Sudheer Reddy Postgraduate senior resident in DM (Medical Oncology)
244	Effects of thyroid hormone replacement on HbA1c levels in nondiabetic subjects with primary hypothyroidism	Dr Anantarapu Sailaja Postgraduate senior resident in DM (Endocrinology)
245	Prevalence of ISLET auto immunity among patients with type 2 diabetes mellitus	Dr Mukka Arun Postgraduate senior resident in DM (Endocrinology)
246	Laparoscopic VS open radical hysterectomy in case of carcinoma cervix patients	Dr Alamuri Ramesh Postgraduate senior resident in MCh (Surgical Oncology)
247	Study on the role of diagnostic laparoscopy and peritoneal cytology in operable gastric cancer in Indian scenario	Dr Nadiminti Raghu Vamsi Postgraduate senior resident in MCh (Surgical Oncology)
248	A prospective observational study on effectiveness of prognostic factors influencing disease free survival in renal cell carcinoma	Dr C. Suryaprakash Reddy Postgraduate senior resident in MCh (Urology)

IEC. No.	Title of the project	Submitted by
249	A prospective study on assessment of post emphysematous pyelonephritic kidney function by radionuclide scan after initial conservative management	Dr A. Ram Prasad Reddy Postgraduate senior resident in MCh (Urology)
250	Comparision of prevalence and pathological characteristics of prostate cancer between patients with PSA levels of 2.6 to 4 ng/ml and those with PSA greater than 4 ng/ml with benign prostatic examination	Dr Adimulam Ganesh Postgraduate senior resident in MCh (Urology)
251	Assessment of changes in contra lateral renal parenchyma volume after unilateral nephrectomy	Dr Y. Lakshmi Sreeraanga Postgraduate senior resident in MCh (Urology)
252	Anterior versus posterior procedure in surgical treatment of thoracolumbar tuberculosis	Dr Mohammad Abdul Ameen, Postgraduate senior resident in MCh (Neurosurgery)
253	Functional outcome of autologus stem cell transplantation in- patients with complete spinal cord injury	Dr Sanjeev Kumar Akula Postgraduate senior resident in MCh (Neurosurgery)
254	Prospective randomized study comparing billroth II with braun anastomosis versus roux-en-Y reconstruction after radical distal subtotal gastrectomy for gastric cancer	Dr K. Radha Krishna Postgraduate senior resident in MCh (Surgical Gastroenterology)
255	A study of knowledge, attitude and practices among patients of epilepsy attending tertiary hospital (SVIMS) in Tirupati	Dr J. Lavanya PGDPHM student IIPH, Hyderabad
256	The impact of Left atrial size reduction in -patients undergone mitral valve surgery	Dr K. Hanumantharaya Raghavendra Postgraduate senior resident in MCh (Cardiothoracic Surgery)
257	A study of the relationship between plasma level of adiponectin and severity of coronary artery lesions on the angiogram in - patient with metabolic syndrome	Dr V. Vanajakshamma Assoc. Professor Cardiology
258	Study of N -Terminal Pro -B -Type Natriuretic peptide (NT - ProBNP) levels in Unstable angina patients with preserved left ventricular systolic function and its correlation with severity of the coronary lesions	Dr M. Laxmi Srinivasakumar Asst. Professor Cardiology
259	The effects of dexmedetomidine on haemodynamic response to tracheal intubation and anaesthetic requirements double blind and prospective randomized controlled study	Dr A. Lava Kumar Postgraduate junior resident in MD (Anaesthesiology)
260	Comparative evaluation of 2% lingocaione viscous gargling and intravenous lignocaione for insertion of laryngeal mask airway (LMA)	Dr J. Chaitanya Postgraduate junior resident in MD (Anaesthesiology)

IEC. No.	Title of the project	Submitted by
261	Effects of 4% gelatin and dextran -40 on blood sugar levels during surgery under subarachnoid block	Dr K.G. Sreehari Postgraduate junior resident in MD (Anaesthesiology)
122	Randomized, Phase III-b, Multi-centre, open Label, parallel study of Enoxaprin (Low molecular weight heparin) given concomitantly with chemotherapy v/s chemotherapy alone in patient with inoperable gastric & gastroesophageal cancer	Dr T. Kannan, Professor & Head Medical Oncology
262	A study on the prevalence of Leptospirosis, Dengue, and Malaria positivity in human blood samples with thrombocytopenia, elevated liver enzymes and azotemia	Dr K.K. Sharma Cl Associate Professor Microbiology
263	Bioprospecting of Endophytic fungi from Eastern ghats Tirumala Hills"	Dr K.K. Sharma Assoc. Professor Microbiology
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 (The study was approved by the Ethics Committee at the different centers in the country where the study initiated in different sites in India)	Dr D. Rajasekhar Professor & Head Cardiology
230	Influence of structured aerobic exercise on quality of life and exercise tolerance in patient with mitral valve replacement individuals – A prospective randomized controlled trial. (title of the topic changed as) Influence of graded aerobic exercise On quality of life and exercise tolerance in post surgical mitral valve diseases individuals – a prospective randomized control trial"	Mrs C. Shanthi PhD Scholar Physiotherapy
264	Motivation for voluntary blood donation-What is our status? A pilot study	Dr G. Deepthikrishna Postgraduate junior resident in MD (IHB)
265	Study of quality of sputum being submitted for smear examination under Revised National Tuberculosis Control programme (RNTCP)	Dr A. Mohan HoD, Medicine
168	Study of Leptospirosis among healthy blood donors and their effects on the recipients	Dr K.K. Sharma Cl.Assoc. Professor Microbiology
266	Gut Derived Uremic Toxins in Various Stages of Chronic Kidney Disease	Shivakrishna Gouroju Research Scholar Biochemistry
267	Role of Adipokines in Endothelial Dysfunction at various stages of Chronic Kidney Disease	Dr A. Madhusudhana Rao Research Scholar Biochemistry
230	Influence of graded aerobic exercise on quality of life and exercise tolerance in post surgical mitral valve diseases individuals -a prospective randomized open label study" Group 1 and Group 2	Mrs C. Shanthi PhD Scholar Cardiothoracic Surgery

IEC. No.	Title of the project	Submitted by
268	Use of Polymerase Chain Reaction (PCR) in the early diagnosis of leptospirosis	Ms Pamireddy Madhavi Latha, PhD Scholar Microbiology
269	Biomarkers in tuberculosis treatment and hepatotoxicity	Dr A. Mohan, Professor & Head Medicine
129	Oxidative Stress and Antioxidant Defense Mechanisms in patients with Clinical and Subclinical Hypothyroidism	V. Seshadri Reddy PhD Scholar Biochemistry
168	Study of leptospirosis among healthy blood donors and their effects on the recipients	Dr K.K. Sharma, Cl. Assoc. Professor Microbiology
270	Sheehan's syndrome: A single centre experience	Dr E. Sunil Postgraduate Senior resident in DM (Endocrinology)
271	Molecular characterization of Peptidyl DE Formylase and Peptide LIGASE from Staphylococcus aureus ATCC 12600	Ms Swarupa PhD Scholar Biotechnology
272	Molecular characterization of Biofilm forming proteins from staphylococcus aureus ATCC12600	Mr Yeswanth Sthanikam PhD Scholar, Biotechnology
273	Molecular characterization of Alkaline Phosphatase and Acid Phosphatase from S.aureus ATCC 12600	Mr U. Venkateswara Prasad PhD Scholar, Biotechnology
274	Role of Prophylactic Central lymphnode dissecting in well differentiated thyroid carcinoma	Dr Raghu Vamsi Postgraduate Senior resident in MCh (Surgical Oncology)
275	Antioxidant enzymes Superoxide dismutase and Glutathione peroxidase in chronic kidney disease patients	P. Sathish Kumar Final year student MSc Medical Biochemistry
276	Study of role of reactive oxygen species (ROS) and reactive nitration species (RNS) in acute kidney injury	A. Praveen Final year student MSc Medical Biochemistry
277	Malondialdehyde, Protein thiols and Protein carbonyls in chronic kidney disease patients	P. Shalini Final year student MSc Medical Biochemistry
278	Urinary enzymes for early diagnosis of tubular dysfunction in type 2 diabetes mellitus	T. Sasikala Final year student MSc Medical Biochemistry
279	Lipid profile and atherogenic indices in pediatric obesity	P. Tejaswi Final year student MSc Medical Biochemistry
280	Association of triglyceride / high density lipoprotein cholesterol ratio with disorders producing insulin resistance	K. Sreenivasulu Final year student MSc Medical Biochemistry

IEC. No.	Title of the project	Submitted by
281	Study of Ischemia modified albumin in -patients with diabetic nephropathy	K. Udayabhaskar Final year student MSc Medical Biochemistry
282	Study of Asymmetric dimethylarginine levels in patients with diabetic nephropathy	G. Sarvari Final year student MSc Medical Biochemistry
283	Study of atherogenic index in rheumatoid arthritis	K. Rajya Lakshmi Final year student MSc Medical Biochemistry
284	Lipid peroxidation, protein carbonylation and anti oxidant status in Rheumatoid arthritis	P. Pullaiah Final year student MSc Medical Biochemistry
285	Eradication of Optimized Candida Biofilm: Efficacy of Antifungal agents compared with Ethanol	Dr Abhijit Chaudhury Professor & Head Microbiology
286	Prospective study of cervical disc orthoplasty – A clinic-radiological analysis	Dr Kaushal Ippili Postgraduate senior resident in MCh (Neurosurgery)
65	BRV Nov. 2012 investigators brochure (PPD/NO1199/Investigator's Brochure version dated 08-11-12/039-050) BRV Nov.2012 summary of IB Change (PPD/No1199/Investigator's Brochure version dt. 8-11-12) Study titled: "An open label multi center follow up trial to evaluate the long term safety and efficacy of brivaracetam used as adjunctive treatment at a flexible dose up to a maximum of 150 mg/ day in subjects aged 16 years or older suffering from epilepsy	Dr B. Vengamma Professor & Head Neurology
193	Revised Protocol: "Prevalence of islet cell specific auto antibodies in type 1 diabetes mellitus" ELISA method.	Dr D. Rajitha Postgraduate senior resident in DM (Endocrinology)

2. Board of Studies

The Board of studies is constituted with the following members for the purpose developing the curriculum, examination pattern etc. for each academic program

- | | | |
|-------------------------------|---|-------------------|
| 1. Dean | - | Chairman |
| 2. Registrar | - | Member |
| 3. Controller of Examinations | - | Member |
| 4. Head of the Department | - | Member & Convener |
| 5. External Experts | - | Members |

The following BOS meetings were held during the year 2012:

2nd BOS meeting for BSc Urology technology on 30th April 2012

2nd BOS meeting for MSc Medical courses on 16th November 2012

2nd BOS meeting for MSc Biotechnology & Bioinformatics on 10th December 2012

3. Thesis Protocol Approval Committee

The committees assess the thesis protocol of the Postgraduate students (MD/DNB). The

committees are constituted separately for broad-specialty and super-specialty courses.

Thesis Protocol Approval Committee

i) For MD / DNB

1. The Dean - Chairman
2. The Registrar - Member & Convener
3. Dr P.V.L.N. Srinivasa Rao - Professor & HOD, Dept. of Biochemistry
4. Dr M. Hanumantha Rao - Professor & HOD, Dept. of Anaesthesiology
5. Dr Alladi Mohan - Professor & HOD, Dept. of Medicine
6. Chief-Guide & Co-Guide(s) - Members
7. Controller of Examinations - Member

The Thesis Protocol Approval Committee meeting was held on 4th February 2012.

ii) For DM / MCh Courses

1. The Dean - Chairman
2. The Registrar - Member & Convener
3. Dr V. Siva Kumar - Professor & HOD, Dept. of Nephrology
4. Dr B.C.M. Prasad - Professor & HOD, Dept. of Neurosurgery
5. Dr D. Rajasekhar - Professor & HOD, Dept. of Cardiology
6. Chief-Guide & Co-guide(s) - Members
7. Controller of Examinations - Member

The Thesis Protocol Approval Committee meeting was held on 2nd May 2012.

The following proposals were cleared by the committee for the year 2012.

S. No.	TAC No.	Title	Submitted by
1	148	Prevalence of aetiologic overlap between rheumatoid arthritis and pyogenic arthritis, pyodermagangrenosum and acne syndrome (PAPA)	Dr N. Sowgandhi Postgraduate Junior Resident in MD (Medicine)
2	149	Comparison of performance of prognostic scoring systems in critically ill patients admitted to intensive care unit"	Dr N. Dinesh Kumar Postgraduate Junior Resident in MD (Medicine)
3	150	Effect of 4% gelatin and dextran -40 on blood sugar levels during surgery under subarachnoid block	Dr K.G. Srihari Postgraduate Junior Resident in MD (Anaesthesiology)
4	151	Comparative evaluation of 2% Lignocaine viscous gargling and intravenous lignocaine for insertion of laryngeal mask airway (LMA)	Dr Chaitanya Jakkam Postgraduate Junior Resident in MD (Anaesthesiology)
5	152	The effects of Dexmedetomidine on haemodynamic response to tracheal intubation and anesthetic requirements; a double blind and prospective randomized controlled study	Dr Lava Kumar Ande Postgraduate Junior Resident in MD (Anaesthesiology)
6	153	Hemodialysis arteriovenous fistula maturity: Ultra - sound evaluation	Dr Pavankumar G. Kale Postgraduate junior resident in DNB (Radio diagnosis)
7	154	Efficacy of prostate specific antigen (PSA) Digital rectal examination (DRE) and transrectal ultrasound guided biopsy in detecting carcinoma prostate	Dr T. Sreeshma Postgraduate senior resident in DNB (Radiology)

S. No.	TAC No.	Title	Submitted by
8	155	Clinicopathologic study of Gastric and Gastroesophageal carcinoma supported by Her -2/Neu IHC Study for Targeted Molecular Therapy	Dr N. Srihari Reddy Postgraduate Junior Resident in MD (Pathology)
9	156	Role of Samarium -153 Ethylene Diamine Tetra methylene Phosphonate Radionuclide bone pain palliation in-patients with metastatic bone disease	Dr Ravishwar Narayan Postgraduate senior resident in DNB (Nuclear Medicine)
10	157	A study comparing the sensitivity and specificity of ELISA with Indirect Immunofluorescence in detecting autoantibodies related to connective tissue disorders and further differentiating them by Western blot	Dr G.L. Sumanth Kumar, Postgraduate Junior Resident in MD (Microbiology)
11	158	Prevalence of “unexpected antibodies” in the antenatal women attending the Government Maternity Hospital, Tirupati	Dr B. Suresh Babu Postgraduate Junior Resident in MD (IHBT)
12	159	Clinical utility of estimation of salivary parameters in screening, diagnosis and monitoring of kidney diseases	Dr Naresh Yajamanam Postgraduate Junior Resident in MD (Biochemistry)
13	48	Histomorphological and immunohistochemical study of meningiomas with special reference to proliferative markers and receptors status”	Dr T. Ramesh Babu Postgraduate Junior Resident in MD (Pathology)
14	160	The spectrum of inflammatory demyelinating diseases of the central nervous system	Dr G. Ramakrishna Postgraduate Senior Resident in DM (Neurology)
15	161	Status epilepticus: A study of etiology, clinical presentation, management and prognosis	Dr Marella Sudhakar Rao, Postgraduate Senior Resident in DM (Neurology)
16	162	In hospital medical and neurological complications and outcome of stroke patients	Dr J. Varadaraja Postgraduate Senior Resident in DM (Neurology)
17	163	The prognostic significance of NT-Pro BNP, 3D LA volume and LV dyssynchrony in-patients with acute ST elevation myocardial infarction (STEMI) undergoing primary percutaneous intervention (PCI)	Dr C. Siva Sankara Postgraduate Senior Resident in DM (Cardiology)
18	164	Study of the relationship between metabolic syndrome score and angiographic severity of coronary artery disease	Dr Boochi Babu Mannuva, Postgraduate Senior Resident in DM (Cardiology)
19	165	Plasma N-terminal pro B -type natriuretic peptide (NT-ProBNP) levels as a marker of adequacy of valvotomy in-patients with rheumatic mitral stenosis.	Dr K.P. Ranganayakulu Postgraduate Senior Resident in DM (Cardiology)
20	166	Assessment of RV function by 2D and 3D echocardiography before and after ASD device closure	Dr A. Vidyasagar Postgraduate Senior Resident in DM (Cardiology)

S. No.	TAC No.	Title	Submitted by
21	167	Study of plasma osteopontin levels in-patients with acute kidney injury requiring dialysis	Dr B. Varalakshmi devi Postgraduate Senior Resident in DM (Nephrology)
22	168	A prospective randomized study comparing traditional fluoropyrimidine based single agent or doublet regimens versus epirubicin based versus taxane based protocols and exploring surrogate markers for response evaluation in advanced gastric carcinomas	Dr V. Venkata Sampath Postgraduate Senior Resident in DM (Medical Oncology)
23	169	Assessment of Haematologic, cytogenetic, molecular responses to IMATINIB mesylate in chronic myeloid leukemia	Dr K. Sudheer Reddy Postgraduate Senior Resident in DM (Medical Oncology)
24	170	Effects of thyroid hormone replacement on HbA1c levels in nondiabetic subjects with primary hypothyroidism	Dr A. Sailaja Postgraduate Senior Resident in DM (Endocrinology)
25	171	Prevalence of ISLET auto immunity among patients with type 2 diabetes mellitus	Dr Mukka Arun Postgraduate Senior Resident in DM (Endocrinology)
26	172	Laparoscopic VS open radical hysterectomy in case of carcinoma cervix patients	Dr Alamuri Ramesh Postgraduate Senior Resident in MCh (Surgical Oncology)
27	173	Study on the role of diagnostic laparoscopy and peritoneal cytology in operable gastric cancer in Indian scenario	Dr N. Raghu Vamsi Postgraduate Senior Resident in MCh (Surgical Oncology)
28	174	A prospective observational study on effectiveness of prognostic factors influencing disease free survival in renal cell carcinoma	Dr C. Suryaprakash Reddy Postgraduate Senior Resident in MCh (Urology)
29	175	A prospective study on assessment of post emphysematous pyelonephritic kidney function by radionuclide scan after initial conservative management	Dr A. Ram Prasad Reddy Postgraduate Senior Resident in MCh (Urology)
30	176	Assessment of changes in contralateral renal parenchymal volume after unilateral nephrectomy	Dr Y. Lakshmi Sreeraanga Postgraduate Senior Resident in MCh (Urology)
31	177	Comparison of prevalence and pathological characteristics of prostate cancer between patients with PSA levels of 2.6 to 4 ng/ml and those with PSA greater than 4 ng/ml with benign prostatic examination	Dr A. Ganesh Postgraduate Senior Resident in MCh (Urology)
32	178	Anterior versus posterior procedure in surgical treatment of thoracolumbar tuberculosis	Dr Md. Abdul Ameen Postgraduate Senior Resident in MCh (Neurosurgery)

Sl. No.	TAC No.	Title	Submitted by
33	179	Functional outcome of autologus stem cell transplantation in- patients with complete spinal cord injury	Dr A. Sanjeev Kumar Postgraduate Senior Resident in MCh (Neurosurgery)
34	180	Prospective randomized study comparing billroth II with braun anastomosis versus roux -en-Y reconstruction after radical distal subtotal gastrectomy for gastric cancer	Dr Radha Krishna K Postgraduate Senior Resident in MCh (Surgical Gastroenterology)
35	181	Prospective study of cervical disc arthroplasty – a clinico-radiological analysis	Dr I. Kaushal Postgraduate Senior Resident in MCh (Neurosurgery)

4. Research Committee

The Research Committee is constituted to assess the research proposals of the faculty prior to their submission to IEC. The research proposals forwarded to funding agencies are also scrutinized. The drug trails to be carried out by the faculty are also assessed periodically. The research proposals by the external researches are under the supervision of the co-guide who shall be the faculty of SVIMS, are also reviewed before granting for permission. The committee is constituted with members as mentioned below

1. Dr D. Rajasekhar, Dean - Chairman
2. Dr Alladi Mohan, Professor & HOD, Medicine - Member
3. Dr Abhijith Choudhury, Professor & HOD, Microbiology - Member
4. Dr Alok Sachan, Professor & HOD, Endocrinology - Member
5. Dr P.V.L.N. Srinivasa Rao, Professor & HOD, Biochemistry - Special Invitee

The Research Committee meetings were held regularly on every 4th Thursday in each month as detailed below:

S. No	Date	Research Committee Meeting No.	No. of Agenda assessed
01	30.01.2012	13	01
02	23.02.2012	14	03
03	22.03.2012	15	03
04	07.05.2012	16	04
05	28.06.2012	17	21
06	30.07.2012	18	03
07	11.08.2012	19	02
08	23.08.2012	20	08
09	27.09.2012	21	04
10	03.11.2012	22	05
11	27.12.2012	23	08
Total proposals assessed			62

9.7 Events at SVIMS

1. **National Voters Day:** An awareness programme was organized to students on the occasion of *National Voters Day* on 25.01.2012.
2. **The Republic Day** was celebrated and meritorious employees were honored with 'Certificate of Merit' on 26.01.2012.



Dr B. Vengamma, Director, SVIMS, faculty, staff & students are seen saluting the National flag on the occasion of Republic Day, celebrated in the campus on 26th January 2012.

3. **World Cancer Day** : An awareness programme was organized on the occasion of *World Cancer Day* on 04-02-2012.



World Cancer Day was observed on 04th February 2012. A public awareness programme was organized on the occasion.



The Sports day conducted in connection with the 19th Anniversary of SVIMS was inaugurated by the Municipal Commissioner of Tirupati, Sri A.Prasad on 19th February 2012

5. **World Kidney Day** was observed on 08-03-2012.
6. **International Women's Day** was celebrated on 08-03-2012.



The Director, SVIMS addressed a gathering on the occasion of International Women's day observed on 08th March 2012.

7. **World TB eradication Day** was organized on 24.03.2012.



The World TB eradication Day was observed on 24th March 2012. From L-R seen are Dr Alladi Mohan, Dr M. Pasupathi, Addl. DM & HO, Chittoor, Dr Lalitha Kumari, DM & HO, Dr M. Hanumantha Rao, Sr. Prof. & HOD, Dr P.V. Ramasubba Reddy, Registrar, Dr T. Srinivasa Rao, Medical Superintendent.

8. **International Nurses Day** was celebrated by conducting various competitions and awarded prizes to Nurses on 14-05-2012.
9. **World 'Anti Tobacco Day'** was observed and public awareness programme was organized on 31-05-2012.



The World 'Anti Tobacco Day' was observed a public awareness programme was organized on 31st May 2012

10. **World Blood Donors day:** On the occasion of 'World Blood Donors day', a public awareness programme was organized and the social organizations, NGOs, Voluntary organizations who motivated for Blood Donation were rewarded on 14.06.2012.



The 'World Blood Donor's Day' is inaugurated by the Chief Accounts Officer, TTD, Sri. S.Ravi Prasad on 14th June 2012. Also seen from Left to Right are Dr V.Siva Kumar, Sr. Prof. & HOD, Nephrology, Dr P.Raja Gopal, Registrar, Dr T.Srinivasa Rao, Medical Superintendent & Dr M.Pasupathi, Addl. D.M & H.O (AIDS & Leprosy) Chittoor.

11. **Doctors Day** was observed in SVIMS. Dr V.Konda Reddy, Professor of Medicine (Rtd) was felicitated on 02-07-2012.



International Doctors Day was observed in SVIMS on 02nd July 2012. Dr R. Raja Reddy, Prof of Medicine (Retd.), spoke on the occasion. Dr V.Konda Reddy, Professor of Medicine (Retd.) was felicitated.

12. **Independence Day** was celebrated on 15.08.2012.



Dr B. Vengamma, Director, SVIMS, faculty, staff & students are seen saluting the National flag on the occasion of 66th Independence Day, celebrated on 15th August 2012.

13. **Teachers Day** was celebrated in SVIMS. Dr G. Parvathi, Principal, (Retd.) SV. Medical College and former HOD, Dept. of Physiology, SVIMS & Dr Sarella Jothibai, Professor & Head of IHBT were felicitated on the occasion on 05-09-2012.



Teachers Day was celebrated on 05th September 2012 in SVIMS. Dr G. Parvathi, Principal, (Retd.) SV. Medical College and former HOD, Dept. of Physiology, SVIMS (3rd from left) & Dr Sarella Jothibai, Prof. & Head of IHBT, SVIMS (5th from right) were felicitated on the occasion.

14. **World Physiotherapy Day:** On the occasion of World Physiotherapy Day, a weeklong awareness programme was conducted on Physiotherapy in and around Tirupati in Old-age homes, Health centers, Geriatric care centers & Children care homes on 08-09-2012.



The Director, SVIMS is seen lighting the lamp ceremony on the occasion of World Physiotherapy Day on 8th September 2012. Also seen are NGO organizers, Registrar, Medical Superintendent. A weeklong awareness programme was conducted on Physiotherapy in and around Tirupati in Old-age homes, Health centers, Geriatric care centers & Child

15. **The Freshers day** was celebrated. The principal, S.V. Medical College was invited to address the gathering on 28-09-2012.



The Director, SVIMS addressed the Fresher's day gathering on 28th September 2012. Also seen is Dr M.S. Sridhar, Principal, S.V Medical College (5th from right) invited as chief guest of the occasion.

16. **World stroke day** was conducted to bring out awareness on prevention and management of stroke on 29-10-2012.



"World stroke day" was conducted on 29th October 2012 to bring out awareness on prevention and management of stroke.

17. **The World Diabetes day** and a CME was organized by the department of Endocrinology on 14-11-2012.



The Director, SVIMS on the occasion of the World Diabetes day and a CME, held on 14th November 2012.

18. **The National Epilepsy day** was celebrated and inaugurated 166th free epilepsy camp on 18-11-2012.



Guruji Venkateshan of Bangalore addressed a gathering on the occasion of the inauguration of 166th free epilepsy camp and the National Epilepsy day observed on 18th November 2012.

19. **World AIDS Day** was observed. A rally was conducted in association with Lion's club & Regional Science Centre from SVIMS to Municipal Corporation Office on 01-12-2012.



The Director, SVIMS inaugurating the 'World AIDS Day' rally on 01st December 2012 at SVIMS, jointly organized by Lion's club, Regional Science centre, SVIMS & DM & HO, Chittoor.

20. **The International Day of people with disability** was organized in the College of Physiotherapy on 03-12-2012. Mr. Venkataramana is seen, felicitated by the Director.



21. **4th World Telugu Conference**

The students of SVIMS were participated in the World Telugu Conference held at Tirupati during 27-29 December, 2012.



- 1,2,3 - Students participated in the Week long celebrations on 23rd December, 2012 prior to 4th World Telugu Conference. Sri P. Parthasaradhi, Hon'ble Minister for Education, Sri Penchal Reddy, Vice Chairman, TUDA & the Director, SVIMS are seen in Photograph No.3.
- 4,5,6 - The students participated with a "Sakatam" on the day of inauguration of the 4th World Telugu Conference on 27th December, 2012, in a rally from Teluguthalli statue to Sri Venkateswara Veterinary University, where the conference was held for three days.

II. Human Resource Development

1.0. Degrees conferred

During the convocation held on 18th September 2012, the following students who have successfully passed from the university were conferred degrees and diplomas.

S. No.	Name	Branch
1	Dr CS. Theja Nandan Reddy	Cardiology
2	Dr V. Ganeswara Reddy	Cardiology
3	Dr P. Sathish Kumar	Endocrinology
4	Dr Y. Sandeep Reddy	Nephrology
5	Dr T. Naveen	Neurology
6	Dr M. Ravi Kiran	Cardiothoracic Surgery
7	Dr K. Kiran Kumar	Cardiothoracic Surgery
8	Dr P. Raghuveer	Genito urinary surgery
9	Dr P. Preetam	Genito urinary surgery

1.2 MD Courses

S. No.	Name	Branch
1	Dr A. Sowmya Jayaram	Anaesthesiology
2	Dr S. Lokya Naik	Anaesthesiology
3	Dr V. Sridevi Kiranmayi	Biochemistry
4	Dr I. Sudhir Chaitanya Kumar	Immuno Haematology & Blood transfusion
5	Dr A. Ravi Sankar	Medicine
6	Dr U. Bhaskar Rao	Medicine
7	Dr G. Satish Kumar Reddy	Microbiology
8	Dr T. Ramesh Babu	Pathology
9	Dr P. Vijaya Kumar	Pathology

1.3 PhD

S. No.	Name	Faculty Under which registered	Department of study
1	K. Madhavi	Paramedical Sciences	Cardiothoracic Surgery
2	Dr.Surendranath Reddy	Allied Health Sciences	Microbiology
3	M. Nagarathnam	Paramedical Sciences	Neurology
4	V. Sri Kumari	Paramedical Sciences	Neurology

1.4 MSc Nursing

S. No.	Name	Branch
1	V. Aruna Kumari	Community Health
2	M. Divyasree	Community Health
3	P. Lalitha Devi	Community Health
4	K. Naga Satyanarayana Bai	Community Health
5	K. Umamaheswari	Community Health
6	A. Beulah	Obsterics & Gynaecology
7	Ch. Chaitanya	Obsterics & Gynaecology
8	K. Elizabeth	Obsterics & Gynaecology
9	D. Srivalli	Obsterics & Gynaecology
10	K. Swetha	Obsterics & Gynaecology
11	Ch. Aruna Srec	Paediatric
12	P. Chiristina Bharathi	Paediatric
13	C. Pragasamary	Paediatric
14	P. Sunil Kumari	Paediatric
15	K. Gowri Devi	Medical - Surgical
16	G. Hepsiba	Medical - Surgical
17	B. Sailaja	Medical - Surgical
18	B. Sarada	Medical - Surgical

S. No.	Name	Branch
19	B. Swarupa Rani	Medical - Surgical
20	K. Kiranmayi	Psychiatry
21	B. Mercy	Psychiatry
22	M. Roja Rani	Psychiatry
23	T. Subhashini	Psychiatry
24	Tenepalli Gayathri	Community Health
25	M. Lakshmi Devi	Community Health
26	P. Nave ena	Community Health
27	R. Pavani	Community Health
28	S. Udaya	Community Health
29	BG. Bhuvaneswari	Obsterics & Gynaecology
30	T. Devilatha	Obsterics & Gynaecology
31	G. Hemalatha	Obsterics & Gynaecology
32	Shaik. Jabeena Taj	Obsterics & Gynaecology
33	K. Radhika	Obsterics & Gynaecology
34	P. Sumalatha	Obsterics & Gynaecology
35	Ch. Vanitha	Obsterics & Gynaecology
36	M. Jayasree	Paediatric
37	U. Lavanya	Paediatric
38	M. Subhashini	Paediatric
39	P. Swathi	Paediatric
40	B. Anusha	Psychiatry
41	Thathigari Gayathri	Psychiatry
42	C. Jyothi	Psychiatry
43	G. Manasa	Psychiatry
44	N. Pratusha	Psychiatry
45	A. Sumithra	Psychiatry
46	V. Suvarchala	Psychiatry
47	V. Umarani	Psychiatry

1.4 Master of Physiotherapy

S. No.	Name	Branch
1	VSR. Bharath Kumar P	Neurology
2	P. Charitha	Orthopaedics
3	A. Deepa	Orthopaedics
4	S. Harini	Neurology
5	P. Keerthi Chandra Sekhar	Neurology
6	K. Narasimha Sridhar	Orthopaedics
7	M. Rajesh	Orthopaedics
8	Y. Ramya	Neurology
9	G. Sri Durga	Neurology

1.6 MSc Medical Courses

S. No.	Name	Branch
1	K. Jyothinath	Anatomy
2	T. Prabhakar	Anatomy
3	J. Rathna Priyanka	Anatomy
4	MAK. Satish	Anatomy
5	P. Sirisha	Anatomy
6	A. Eliyaraju	Physiology
7	K. Jhansi	Physiology
8	P. Jhansi Rani	Physiology
9	P. Parvathi	Physiology
10	P. Rajesh	Physiology
11	A. Hari Babu	Biochemistry
12	S. Lalitha Devi	Biochemistry
13	Ch. Pallavi	Biochemistry
14	V. Pradeep Kumar	Biochemistry
15	B. Tejyovathi	Biochemistry
16	T.N. Ravi	Microbiology
17	P. Ravi Kiran	Microbiology
18	I. Sumathi	Microbiology
19	S. Havila Hasini	Anatomy
20	C. Jaipal	Anatomy
21	K. Jyothimayi	Anatomy

S. No.	Name	Branch
22	M. Reshma	Anatomy
23	N. Sandhya	Anatomy
24	M. Chantanya Kumari	Physiology
25	K. Manas Chakravarthy	Physiology
26	K. Prasanth Kumar	Physiology
27	K. Pujitha	Physiology
28	S. Rasool	Physiology
29	P. Pullaiah	Biochemistry
30	K. Rajya Lakshmi	Biochemistry
31	G. Sarvani	Biochemistry
32	K. Sreenivasulu	Biochemistry
33	K. Udaya Bhaskar	Biochemistry
34	J. Maria Sindhura	Microbiology
35	P. Monica	Microbiology
36	T. Murali Krishna	Microbiology
37	P. Pavani	Microbiology
38	K. Seshu Kumari	Microbiology

1.7 MSc Courses

S. No.	Name	Branch
1	K. Abhishek	Biotechnology
2	V. Alekhya	Biotechnology
3	A. Anantha Lakshmi	Biotechnology
4	M. Arabjan	Biotechnology
5	B. Harshavardhan	Biotechnology
6	D. Kavya	Biotechnology
7	Ch. Krishna Pradeep	Biotechnology
8	C. Lakshmi Devi	Biotechnology
9	K. Mahesh Kumar Reddy	Biotechnology
10	J. Manasa	Biotechnology
11	T. Muni Kumar	Biotechnology
12	B. Nikhitha	Biotechnology
13	K. Santhosh	Biotechnology
14	V. Sudheera	Biotechnology
15	L. Uma Priya	Biotechnology
16	S. Giribabu	Bioinformatics

S. No.	Name	Branch
17	K. Hema	Bioinformatics
18	C. Lakshmi Naryana Rao	Bioinformatics
19	K. Mahesh	Bioinformatics
20	P. Navya	Bioinformatics
21	S. Rajitha Reddy	Bioinformatics
22	LA. Rajiya Beevi	Bioinformatics
23	C. Ramana	Bioinformatics
24	B. Reshma	Bioinformatics
25	K. Roopesh	Bioinformatics
26	M. Sandhyarani	Bioinformatics
27	CM. Sarath Chandra	Bioinformatics
28	E. Sethu Madhavi	Bioinformatics
29	B. Sravani	Bioinformatics
30	V. Sravani	Bioinformatics

1.8 BSc Nursing

S. No.	Name of the candidate
1	P. Manasa
2	K. Sowjanya
3	V. Anitha
4	P. Anjali Devi
5	K. Anjaneyulu Naik
6	L. Anuradha
7	P. Balaji
8	R. Balaji
9	A. Bhagyalakshmi
10	M. Bhuvanaja
11	S. Chenchu Rani
12	S. Deepa
13	JS. Deepika
14	M. Devi Priyanka
15	S. Dhilli Rani
16	M. Geetha
17	KR. Geethasree
18	JS. Gopikrishna

S. No.	Name of the candidate
19	B. Gouri
20	P. Hemanth
21	A. Jahnavi
22	A. Johar
23	K. Jyothi
24	C. Kalyani
25	L. Keerthi Priya
26	G. Lakshminarayana
27	KS. Lavanya
28	SM. Lavanya
29	P. Lokesh Kumar
30	G. Mahesh Achari
31	D. Mounika
32	GM. Hemalatha
33	T. Neelima
34	S. Nirosha
35	M. Nithyasree
36	R. Padmaja
37	D. Padmavathi
38	M. Padmavathi
39	K. Pavan Kumar
40	K. Pragna
41	A. Priya
42	B. Rama Sankar Naik
43	P. Reddaiah
44	VR. Sreesha
45	P. Sagar Reddy
46	K. Saritha
47	Shaik Nazi Munnisa
48	Shaik Ruksana
49	Shaik Shahirabanu
50	Mohammad Shamereena
51	C. Silpa
52	D. Sivaleela
53	M. Subhashini
54	M. Sujathamma

S. No.	Name of the candidate
55	B. Sujitha
56	N. Sumathi
57	K. Swarnabharathi
58	N. Syamala
59	D. Teja
60	T. Usha Bala
61	B. Vijaya Madhuri
62	C. Yamuna
63	Shaik Thajun
64	Shahin

1.9 Bachelor of Physiotherapy

S. No.	Name of the candidate
1	A. Indraj
2	K. Aneela Sravanthi
3	E. Dhanalakshmi
4	V. Divakar
5	S. Divya Amrutha Valli
6	NK. Gayathri
7	M. Harshitha
8	B. Himaja
9	Y. Kalpana
10	N. Kishore
11	Y. Lokapavani
12	K. Madhavi
13	N. Manju Ram
14	P. Mounika
15	B. Niveditha
16	CP. Poorna Chandra Varma
17	K. Prasad Babu
18	LVS. Pravallika
19	T. Rakesh
20	P. Revathi

1.11 Certificate course in specialized nursing

S. No.	Name of the candidate
21	M. Robert Sandeep
22	MS. Sagar
23	B. Sai Lakshmi
24	B. Sai Sucharitha
25	M. Sandhya Kiran
26	T. Sathya Pramod
27	N. Sowjanya Kumari
28	C. Sravani
29	G. Surayam
30	V. Vijaya Kumar
31	V. Vinod Kumar
32	M. Lavanya
33	Sk. Naffiya Begum
34	P. Chinna Reddemma
35	M. Gowthami
36	S. Madhavi
37	KS. Madhuri
38	J. Nandini
39	K. Sunil Kumar
40	C. Swaroopa
41	N. Viswanath Pratap
42	S. Yasodh Kumar

S. No.	Name	Branch
1	C. Ramyapriya Darsini	Cardiology
2	Ramya	Cardiology
3	K. Srinivasulu	Cardiology
4	V. Sujith	Cardiology
5	V. Aparna Nagaveni	C.T.Surgery
6	A. Lakshmanaswamy	C.T.Surgery
7	C. Ravindraraju	C.T.Surgery
8	A. Lakshmanaswamy	C.T.Surgery
9	P. Usha Kumari	C.T.Surgery
10	K. Bhuvaneswari	C.T.Surgery
11	S. Shilpa	C.T.Surgery

1.12 Certificate course in Radiographic Assistant (C.R.A)

S. No.	Name
1	A. Dhanuja
2	M. Mounika
3	L. Ganesh Kumar

1.10 PG Diploma in Paramedical courses

S.No.	Name	Branch
1	M. Hemavathi	DT
2	C. Jayavardhan	DT
3	Sk. Sheeri	DT
4	N. Sivaiah	DT
5	K. Venkata Narayan	DT
6	R. Hymavathi	CPPT

1.13 Degrees awarded to SVIMS Faculty, Staff by other Universities in 2012

1. Sri M. Yerrama Reddy, Dy. Registrar was awarded Ph.D by S.V.University, Dept. of Management Studies under the guidance of Dr. M. Srinivasa Reddy, Professor, School of Management Sciences, S.V.University.
2. Smt. G. Meenakshi, Head Nurse was awarded Ph.D degree by S.V.University, Dept. of Sociology under the guidance of Prof. V. Reddeppa Naidu, Dept. of Sociology, S.V.University.

2.0 Training to the students from other institutions

2.1 DM Courses

S. No.	Name	Course	Institution	Period of posting	Place of posting
1	Dr R. Sakthirajan	DM Nephrology	Madras Medical College, Chennai	05- 21 April 2012	Nephrology
2	Dr S.Balamurugan	DM Nephrology	Madras Medical College, Chennai	05- 21 April 2012	Nephrology
3	Dr S.A.K. Noor Mohammed	DM Nephrology	Stanley Medical College, Chennai	05- 21 April 2012	Nephrology
4	Dr V. Kanna Bhaba	DM Nephrology	Kilpauk Medical College, Chennai	05- 21 April 2012	Nephrology
5	Dr A. Kumar	DM Nephrology	Andhra Medical College Visakhapatnam	01- 30 September 2012	Nephrology
6	Dr G. Aparna	DM Nephrology	Andhra Medical College Visakhapatnam	01- 30 September 2012	Nephrology
7	Dr G. Sasidhar	DM Nephrology	Andhra Medical College Visakhapatnam	01- 30 September 2012	Nephrology

2.2 MD Courses

S. No.	Name	Course	Institution	Period of posting	Place of posting
8	Dr B.Sriharika	MD Anaesthesia	Katuri Medical College & Hospital, Guntur	01- 31 March 2012	Anesthesiology
9	Dr Rachel Priyanka	MD Anaesthesia	SV Medical College Tirupati	07- 30 April 2012 01-15 December 2012	Anesthesia (RICU) Cardiothoracic Surgery (OTs)
10	Dr S. Bhaskar	MD Anaesthesia	SV Medical College Tirupati	01-31 May 2012 16-31 December 2012	Anesthesia (RICU) Cardiothoracic Surgery (OTs)
11	Dr G.Satyanarayana	MD Anaesthesia	SV Medical College Tirupati	01-30 June 2012 01-15 January 2013	Anesthesia (RICU) Cardiothoracic Surgery (OTs)
12	Dr E.Lokeswara Reddy	MD Anaesthesia	Santhiram Medical College, Nandyal	31 st July 2012 – 30 th October 2012	Anesthesiology
13	Dr Sridhar	MD Anaesthesia	SV Medical College Tirupati	01-31 July 2012 16-31 January 2013	Anesthesia (RICU) Cardiothoracic Surgery (OTs)

S. No.	Name	Course	Institution	Period of posting	Place of posting
14	Dr V. Manoj Kumar	MD Anaesthesia	PES Institute of Medical Sciences & Research, Kuppam	01-30 August 2012 31 st August 2012 – 20 th September 2012	Cardiothoracic & Neuro Anaesthesia
15	Dr Anitha	MD Anaesthesia	SV Medical College Tirupati	01-31 August 2012	Anesthesia (RICU)
16	Dr A. Raghavendra	MD Anaesthesia	SV Medical College Tirupati	01-30 September 2012	Anesthesia (RICU)
17	Dr P.Suleman	MD Anaesthesia	SV Medical College Tirupati	01-31 October 2012	Anesthesia (RICU)
18	Dr Vijaya Shanthi	MD Anaesthesia	SV Medical College Tirupati	01-30 November 2012	Anesthesia (RICU)
19	Dr P. Vijaya Kumar	MD Medicine	Physician, Srikalahasthi	16 th April 2012 - 15 th May 2012	Anesthesiology
20	Dr Ch. Sushma	MD Medicine	SV Medical College Tirupati	16-30 April 2012 01-15 May 2012 01-15 June 2012 01-15 July 2012	Cardiology RICU Endocrinology Nephrology
21	Dr Jahangeer Basha	MD Medicine	SV Medical College Tirupati	16-30 April 2012 16-31 May 2012 16-30 June 2012 16-31 July 2012	Cardiology RICU Endocrinology Nephrology
22	Dr Revanth	MD Medicine	SV Medical College Tirupati	01-15 May 2012 01-15 June 2012 01-15 July 2012	RICU Endocrinology Nephrology
23	Dr Pavan	MD Medicine	SV Medical College Tirupati	01-15 May 2012 01-15 June 2012 01-15 July 2012	RICU Endocrinology Nephrology
24	Dr Bujjaiah	MD Medicine	SV Medical College Tirupati	01-15- May 2012 01-15 June 2012 01-15 July 2012	RICU Endocrinology Nephrology
25	Dr Anand Kumar	MD Medicine	SV Medical College Tirupati	16-31 May 2012 16-30 June 2012 16-31 July 2012	RICU Endocrinology Nephrology
26	Dr Mahesh	MD Medicine	SV Medical College Tirupati	16-31 May 2012 16-30 June 2012 16-31 July 2012	RICU Endocrinology Nephrology
27	Dr Patelu	MD Medicine	SV Medical College Tirupati	16-31 May 2012 16-30 June 2012 16-31 July 2012	RICU Endocrinology Nephrology
28	Dr Anil Kumar	MD Medicine	SV Medical College Tirupati	16-31 May 2012 16-30 June 2012 16-31 July 2012	RICU Endocrinology Nephrology

S. No.	Name	Course	Institution	Period of posting	Place of posting
29	Dr R. V. Sowmya	MD Medicine	Vinayaka Mission's Medical College, Karaikal	01-30 September 2012 01-31 October 2012 01-30 November 2012 01-31 December 2012	Neurology Endocrinology Nephrology Cardiology
30	Dr T.D. Varun Kumar Reddy	MD Medicine	Santhiram Medical College, Nandyal	3 rd September 2012 - 17 th October 2012 18 th October 2012 – 1 st November 2012	Neurology Cardiology
31	Dr Aiswarya Yalamanchi	MD Medicine	Alluri Sitarama Raju Academy of Medical Sciences, Eluru	04-18 September 2012 19 th September 2012 to 3 rd October 2012	Rheumatology Endocrinology
32	Dr K.Kavitha	MD Pathology	SV Medical College, Tirupati	01-30 April 2012	Pathology
33	Dr T.C.S. Suman Kumar	MD Pathology	SV Medical College, Tirupati	01-31 May 2012	Pathology
34	Dr B.Ramesh Chandra Mohan Reddy	MD Pathology	SV Medical College, Tirupati	01- 30 June 2012	Pathology
35	Dr .Parameswari Babu	MD Pathology	SV Medical College, Tirupati	01-31 July 2012	Pathology
36	Dr A.Karthikeyan	MD Pediatrics	Siddhartha Medical College, Vijayawada	15-29 February 2012 01-15 March 2012 16-31 March 2012	Radiology Neurology Cardiology
37	Dr M. Manjula	MD Pediatrics	Siddhartha Medical College, Vijayawada	09 th April 2012 - 08 th May 2012 09 th May 2012 – 08 th June 2012	Neurology Cardiology
38	Dr T. V. Nagaraju	MD Pediatrics	SV Medical College, Tirupati	01-15 October 2012 16-10 October 2012 01-15 November 2012	Cardiology Radiology Neurology
39	Dr S.Kiran Kumar	MD Pediatrics	SV Medical College, Tirupati	01-15 October 2012 16-31 October 2012 01-15 November 2012	Cardiology Radiology Neurology
40	Dr M. Pallavi	MD Pediatrics	SV Medical College, Tirupati	01-15 October 2012 16-31 October 2012 01-15 November 2012	Cardiology Radiology Neurology
41	Dr M. Srividya	MD Pediatrics	SV Medical College, Tirupati	01-15 October 2012 16-31 October 2012 01-15 November 2012	Cardiology Radiology Neurology
42	Dr N.Umamaheswari	MD Pharmacology	Ongole	27 th June 2012 – 26 th July 2012	Endocrinology

S. No.	Name	Course	Institution	Period of posting	Place of posting
43	Dr G. Mubarak	MD Physiology	PES Institute of Medical Sciences & Research, Kuppam	01-21 August 2012	Neurology
44	Dr K.Sri lakshmi	MD Psychiatry	SV Medical College, Tirupati	15 th November 2012 – 14 th January 2013	Neurology
45	Dr Y.Veerabhadram	MD Psychiatry	SV Medical College, Tirupati	15 th November 2012 – 14 th January 2013	Neurology
46	Dr A. Ambica	MD Pulmonology	Katuri Medical College, Guntur	22 nd August 2012 – 21 st September 2012 22 nd September 2012 – 6 th October 2012 07-21 October 2012	RICU (Anaesthesia) Radiology Cardiology
47	Dr P. Ranjit Basha	MD TB & Chest	SV Medical College, Tirupati	15-30 November 2012 01-15 December 2012 16-31 December 2012 01-15 January 2013	CT Surgery Cardiology Radiology Anaesthesia
48	Dr G. Rajesh Kumar	MD TB & Chest	SV Medical College, Tirupati	15-30 November 2012 01-15 December 2012 16-31 December 2012 01-15 January 2013	CT Surgery Cardiology Radiology Anaesthesia

2.3 MS courses

S. No.	Name	Course	Institution	Period of posting	Place of posting
49	Dr V.S.Raman Bhavana	MS General Surgery	NRI Medical College Guntur	08 th June 2012 – 07 th July 2012	Surgical Gastroenterology
50	Dr D. Lavanya	MS ENT	PES Institute of Medical Sciences & Research, Kuppam	01-30 August 2012 01-15 September 2012	Surgical Oncology Neurosurgery
51	Dr A.Sudarsan	MS General Surgery	Dr Pinnamaneni Siddhartha Institute of Medical Sciences, Vijayawada	03-31 August 2012	Surgical Gastroenterology

S. No.	Name	Course	Institution	Period of posting	Place of posting
52	Dr K. Ranjith Kumar	MS General Surgery	PES Institute of Medical Sciences and Research, Kuppam	06 th August 2012 – 05 th September 2012 06 th September 2012 – 05 th October 2012 06 th October 2012 – 05 th November 2012	Surgical Oncology Surgical GE Cardiothoracic Surgery
53	Dr A. Arjun	MS General Surgery	PES Institute of Medical Sciences and Research, Kuppam	09 th August 2012 – 08 th September 2012 09 th September 2012 – 08 th October 2012 09 th October 2012 – 08 th November 2012	Cardiothoracic Surgery Surgical Oncology Surgical GE
54	Dr K.R. Manoj Prabu	MS General Surgery	PES Institute of Medical Sciences and Research, Kuppam	06 th August 2012 – 05 th September 2012 06 th September 2012 – 05 th November 2012	Surgical GE Cardiothoracic Surgery Surgical Oncology
55	Dr V. Sreekanth	MS General Surgery	Dr Pinnamaneni Siddhartha Institute of Medical Sciences, Vijayawada	16-31 August 2012	Surgical Gastroenterology
56	Dr T.Suresh	MS General Surgery	Dr Pinnamaneni Siddhartha Institute of Medical Sciences, Vijayawada	03 rd October 2012 to 02 nd November 2012	Surgical Gastroenterology
57	Dr Balachandra Reddy	MS General Surgery	S V Medical College, Tirupati	01-15 August 2012 16 th August 2012 – 31 st December 2012 01-15 November 2012 16-30 November 2012	Surgical GE Surgical Oncology Neurosurgery Cardiothoracic Surgery
58	Dr Mansur Basha	MS General Surgery	S V Medical College, Tirupati	01-15 August 2012 16- 31 August 2012 01-15 October 2012 16-21 October 2012	Cardiothoracic Surgery Neurosurgery Surgical GE Surgical Oncology
59	Dr Archana	MS General Surgery	S V Medical College, Tirupati	01-15 August 2012 16-31 August 2012 01-15 November 2012 16-30 November 2012	Neurosurgery Cardiothoracic Surgery Surgical GE Surgical Oncology
60	Dr Narayana Reddy	MS General Surgery	S V Medical College, Tirupati	01-15 September 2012 16-30 September 2012 01-15 October 2012 16-31 October 2012	Surgical GE Surgical Oncology Neurosurgery Cardiothoracic Surgery

S. No.	Name	Course	Institution	Period of posting	Place of posting
61	Dr Subhashini	MS General Surgery	S V Medical College, Tirupati	01-15 September 2012 16-30 September 2012 01-15 December 2012 16-31 December 2012	Cardiothoracic Surgery Neurosurgery Surgical GE Surgical Oncology
62	Dr Ajay Babu	MS General Surgery	S V Medical College, Tirupati	01-15 September 2012 16-30 September 2012 01-15 January 2013 16-31 January 2013	Neurosurgery Cardiothoracic Surgery Surgical GE Surgical Oncology
63	Dr Shyam Kumar	MS General Surgery	S V Medical College, Tirupati	01-15 October 2012 16-31 October 2012 01-15 December 2012 16-31 December 2012	Surgical Oncology Surgical GE Cardiothoracic Surgery Neurosurgery
64	Dr Ravikumar	MS General Surgery	S V Medical College, Tirupati	01-15 October 2012 16-31 October 2012 01-15 January 2013 16-31 January 2013	Cardiothoracic Surgery Neurosurgery Surgical Oncology Surgical GE
65	Dr Sareen Babu	MS General Surgery	S V Medical College, Tirupati	01-15 November 2012 16-30 November 2012 01-15 December 2012 16-31 December 2012	Surgical Oncology Surgical GE Neurosurgery Cardiothoracic Surgery
66	Dr Mualikrishna	MS General Surgery	S V Medical College, Tirupati	01-15 November 2012 16-30 November 2012 01-15 December 2012 16-31 December 2012	Cardiothoracic Surgery Neurosurgery Surgical Oncology Surgical GE
67	Dr M. Rajesh Kumar	MS Orthopaedics	S V Medical College, Tirupati	20 th October 2012 – 05 th November 2012	Neurosurgery
68	Dr Y. Badrish	MS Orthopaedics	S V Medical College, Tirupati	16-30 November 2012	Neurosurgery
69	Dr P. Babu Kalyan Kumar	MS Orthopaedics	S V Medical College, Tirupati	16-31 December 2012	Neurosurgery

2.4 Diploma courses (Medicine)

S. No.	Name	Course	Institution	Period of posting	Place of posting
70	Dr B. Vijitha	Dip. in Anaesthesia	PES Institute of Medical Sciences & Research, Kuppam	04- 23 June 2012 24 th June 2012 – 14 th July 2012	Cardio thoracic Anesthesia Neuro Anaesthsia
71	Dr P. Krishna	Dip. in Anaesthesia	Dr Pinnamaneni Siddhartha Institute of Medical Sciences, Vijayawada	21 st July 2012 – 20 th September 2012	Cardiac Anaestheisa, Neuro Anaesthesia and RICU
72	Dr B. David Raju	Dip. in Anaesthesia	Dr Pinnamaneni Siddhartha Institute of Medical Sciences, Vijayawada	23 rd July 2012 22 nd September 2012	Cardiac Anaestheisa, Neuro Anaesthesia and RICU
73	Dr SS.Bharath	DCh Pediatrics	PES Institute of Medical Sciences & Research, Kuppam	05-19 September 2012 20 th September 2012 to 04 th October 2012	Cardiology Ncurology
74	Dr P.Sreedivya	Dip. in Psychiatry	SV Medical Collcege, Tirupati	15 th November 2012 14 th January 2013	Neurology
75	Dr S.Cheenna Kesavulu	DMRD Radio Diagnosis	SV Medical College Tirupati	01-21 Octobc r 2012 22-31 October 2012	Radiology Nuclear Medicine
76	Dr Pratap Kumar	DNB Orthopedics	BIRRD (T) Hospital	23 rd June 2012 – 07 th July 2012	Neurosurgery
77	Dr Ravikanth	DNB Orthopedics	BIRRD (T) Hospital	23 rd June 2012 – 07 th July 2012	Ncurosurger y
78	Dr Mohan Babu	DNB Orthopedics	BIRRD (T) Hospital	23 rd June 2012 – 07 th July 2012	Neurosurgery

2.5 BPT Internship

S. No.	Name	Course	Institution	Period of posting	Place of posting
79	Dr A.Charitha	BPT	College of Physiotherapy , Ongole	15 th March 2012 – 14 th September 2012	Physiotherapy

2.6 BSc (N)

S. No.	Name	Course	Institution	Period of posting	Place of posting
81	A. Bharathi	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	27 th August 2012 -01 st September 2012 15 th October 2012 - 20 th October 2012	Cardiothoracic Surgery ward Oncology ward
82	N. Bharathi	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	27 th August 2012 -01 st September 2012 15 th October 2012 - 20 th October 2012	Cardiothoracic Surgery ward Oncology ward
83	C. Dhana Lakshmi	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	27 th August 2012 -01 st September 2012 15 th October 2012 - 20 th October 2012	Cardiothoracic Surgery ward Oncology ward
84	E. Dhana Lakshmi	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	27 th August 2012 -01 st September 2012 15 th October 2012 - 20 th October 2012	Cardiothoracic Surgery ward Oncology ward
85	M.Dhana Lakshmi	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	27 th August 2012 -01 st September 2012 15 th October 2012 - 20 th October 2012	Cardiothoracic Surgery ward Oncology ward
86	K. Dileep	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	27 th August 2012 -01 st September 2012 15 th October 2012 - 20 th October 2012	Cardiothoracic Surgery ward Oncology ward
87	G. Divya	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	27 th August 2012 -01 st September 2012 15 th October 2012 - 20 th October 2012	Cardiothoracic Surgery ward Oncology ward
88	B. Anitha	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	27 th August 2012 -01 st September 2012 15 th October 2012 - 20 th October 2012	Cardiothoracic Surgery ward Oncology ward
89	B. Prasanna Kumari	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	27 th August 2012 -01 st September 2012 15 th October 2012 - 20 th October 2012	Cardiothoracic Surgery ward Oncology ward
90	B. Mallika	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	27 th August 2012 -01 st September 2012 15 th October 2012 - 20 th October 2012	Cardiothoracic Surgery ward Oncology ward
91	T. Lakshmi	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	27 th August 2012 -01 st September 2012 15 th October 2012 - 20 th October 2012	Cardiothoracic Surgery ward Oncology ward
92	V. Divya	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	03 rd September 2012 – 08 th September 2012 27 th August 2012 - 01 st September 2012	Cardiothoracic Surgery ward Oncology ward

S. No.	Name	Course	Institution	Period of posting	Place of posting
93	P. Geethanjali	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	03 rd September 2012 – 08 th September 2012 27 th August 2012 - 01 st September 2012	Cardiothoracic Surgery ward Oncology ward
94	K. Gowthami Swetha	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	03 rd September 2012 – 08 th September 2012 27 th August 2012 - 01 st September 2012	Cardiothoracic Surgery ward Oncology ward
95	Ch. Guru Prasanna	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	03 rd September 2012 – 08 th September 2012 27 th August 2012 - 01 st September 2012	Cardiothoracic Surgery ward Oncology ward
96	M. Haripriya	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	03 rd September 2012 – 08 th September 2012 27 th August 2012 - 01 st September 2012	Cardiothoracic Surgery ward Oncology ward
97	K. Hemalatha	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	03 rd September 2012 – 08 th September 2012 27 th August 2012 - 01 st September 2012	Cardiothoracic Surgery ward Oncology ward
98	K. Hemalatha	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	03 rd September 2012 – 08 th September 2012 27 th August 2012 - 01 st September 2012	Cardiothoracic Surgery ward Oncology ward
99	B. Ashajyothi	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	03 rd September 2012 – 08 th September 2012 27 th August 2012 - 01 st September 2012	Cardiothoracic Surgery ward Oncology ward
100	B. Sunitha	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	03 rd September 2012 – 08 th September 2012 27 th August 2012 - 01 st September 2012	Cardiothoracic Surgery ward Oncology ward
101	C. Deevenamma	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	03 rd September 2012 – 08 th September 2012 27 th August 2012 - 01 st September 2012	Cardiothoracic Surgery ward Oncology ward
102	V.M. Hemalatha	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	03 rd September 2012 – 08 th September 2012 27 th August 2012 - 01 st September 2012	Cardiothoracic Surgery ward Oncology ward
103	L. Hima Bindu	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	10 th September 2012 – 15 th September 2012 03 rd September 2012 – 08 th September 2012	Cardiothoracic Surgery ward Oncology ward
104	V. Janaki	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	10 th September 2012 – 15 th September 2012 03 rd September 2012 – 08 th September 2012	Cardiothoracic Surgery ward Oncology ward

S. No.	Name	Course	Institution	Period of posting	Place of posting
105	P. Karuna Kumari	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	10 th September 2012 – 15 th September 2012 03 rd September 2012 – 08 th September 2012	Cardiothoracic Surgery ward Oncology ward
106	R. Kiran Baby	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	10 th September 2012 – 15 th September 2012 03 rd September 2012 – 08 th September 2012	Cardiothoracic Surgery ward Oncology ward
107	N.D. Lakshmi	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	10 th September 2012 – 15 th September 2012 03 rd September 2012 – 08 th September 2012	Cardiothoracic Surgery ward Oncology ward
108	C. Lakshmi Devi	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	10 th September 2012 – 15 th September 2012 03 rd September 2012 – 08 th September 2012	Cardiothoracic Surgery ward Oncology ward
109	P. Sheeba	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	10 th September 2012 – 15 th September 2012 03 rd September 2012 – 08 th September 2012	Cardiothoracic Surgery ward Oncology ward
110	J. Prakasamma	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	10 th September 2012 – 15 th September 2012 03 rd September 2012 – 08 th September 2012	Cardiothoracic Surgery ward Oncology ward
111	K. Sreelatha	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	10 th September 2012 – 15 th September 2012 03 rd September 2012 – 08 th September 2012	Cardiothoracic Surgery ward Oncology ward
112	Y. Lokeswari	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	10 th September 2012 – 15 th September 2012 03 rd September 2012 – 08 th September 2012	Cardiothoracic Surgery ward Oncology ward
113	A. Latha	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	17 th September 2012 – 22 nd September 2012 10 th September 2012 – 15 th September 2012	Cardiothoracic Surgery ward Oncology ward
114	A. Lavanya	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	17 th September 2012 – 22 nd September 2012 10 th September 2012 – 15 th September 2012	Cardiothoracic Surgery ward Oncology ward
115	G. Lokapavani	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	17 th September 2012 – 22 nd September 2012 10 th September 2012 – 15 th September 2012	Cardiothoracic Surgery ward Oncology ward
116	K. Madhuri	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	17 th September 2012 – 22 nd September 2012 10 th September 2012 – 15 th September 2012	Cardiothoracic Surgery ward Oncology ward

S. No.	Name	Course	Institution	Period of posting	Place of posting
117	P.Mahitha Selvakumari	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	17 th September 2012 – 22 nd September 2012 10 th September 2012 – 15 th September 2012	Cardiothoracic Surgery ward Oncology ward
118	N. Malthai	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	17 th September 2012 – 22 nd September 2012 10 th September 2012 – 15 th September 2012	Cardiothoracic Surgery ward Oncology ward
119	M. Harathi	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	17 th September 2012 – 22 nd September 2012 10 th September 2012 – 15 th September 2012	Cardiothoracic Surgery ward Oncology ward
120	MV. Manjula	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	17 th September 2012 – 22 nd September 2012 10 th September 2012 – 15 th September 2012	Cardiothoracic Surgery ward Oncology ward
121	N. Vijaya Lakshmi	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	17 th September 2012 – 22 nd September 2012 10 th September 2012 – 15 th September 2012	Cardiothoracic Surgery ward Oncology ward
122	K. Mallika	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	24 th September 2012 – 29 th September 2012 17 th September 2012 – 22 nd September 2012	Cardiothoracic Surgery ward Oncology ward
123	A. Mangamma	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	24 th September 2012 – 29 th September 2012 17 th September 2012 – 22 nd September 2012	Cardiothoracic Surgery ward Oncology ward
124	G. Meena	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	24 th September 2012 – 29 th September 2012 17 th September 2012 – 22 nd September 2012	Cardiothoracic Surgery ward Oncology ward
125	M. Nagalakshmi	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	24 th September 2012 – 29 th September 2012 17 th September 2012 – 22 nd September 2012	Cardiothoracic Surgery ward Oncology ward
126	S. Nagalakshmi	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	24 th September 2012 – 29 th September 2012 17 th September 2012 – 22 nd September 2012	Cardiothoracic Surgery ward Oncology ward
127	G. Navya	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	24 th September 2012 – 29 th September 2012 17 th September 2012 – 22 nd September 2012	Cardiothoracic Surgery ward Oncology ward
128	N. Surekha	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	24 th September 2012 – 29 th September 2012 17 th September 2012 – 22 nd September 2012	Cardiothoracic Surgery ward Oncology ward

S. No.	Name	Course	Institution	Period of posting	Place of posting
129	N. Achamma	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	24 th September 2012 – 29 th September 2012 17 th September 2012 22 nd September 2012	Cardiothoracic Surgery ward Oncology ward
130	J. Pavani	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	24 th September 2012 – 29 th September 2012 17 th September 2012 22 nd September 2012	Cardiothoracic Surgery ward Oncology ward
131	P. Parvathi	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	01 st October 2012 – 06 th October 2012 24 th September 2012 – 29 th September 2012	Cardiothoracic Surgery ward Oncology ward
132	B. Pravallika	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	01 st October 2012 – 06 th October 2012 24 th September 2012 – 29 th September 2012	Cardiothoracic Surgery ward Oncology ward
133	P. Poornima	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	01 st October 2012 – 06 th October 2012 24 th September 2012 – 29 th September 2012	Cardiothoracic Surgery ward Oncology ward
134	M. Ramya Vani	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	01 st October 2012 – 06 th October 2012 24 th September 2012 – 29 th September 2012	Cardiothoracic Surgery ward Oncology ward
135	A. Redemma	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	01 st October 2012 – 06 th October 2012 24 th September 2012 – 29 th September 2012	Cardiothoracic Surgery ward Oncology ward
136	M. Rekha	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	01 st October 2012 – 06 th October 2012 24 th September 2012 – 29 th September 2012	Cardiothoracic Surgery ward Oncology ward
137	R. Radhika	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	01 st October 2012 – 06 th October 2012 24 th September 2012 – 29 th September 2012	Cardiothoracic Surgery ward Oncology ward
138	R. Nagaveni	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	01 st October 2012 – 06 th October 2012 24 th September 2012 – 29 th September 2012	Cardiothoracic Surgery ward Oncology ward
139	B. Suchithra	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	01 st October 2012 – 06 th October 2012 24 th September 2012 – 29 th September 2012	Cardiothoracic Surgery ward Oncology ward
140	P. Rubiya Begum	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	08 th October 2012 -13 th October 2012 01 st October 2012 06 th October 2012	Cardiothoracic Surgery ward Oncology ward
141	S. Fathima begum	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	08 th October 2012 -13 th October 2012 01 st October 2012 06 th October 2012	Cardiothoracic Surgery ward Oncology ward
142	S. Shamshad	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	08 th October 2012 -13 th October 2012 01 st October 2012 06 th October 2012	Cardiothoracic Surgery ward Oncology ward

S. No.	Name	Course	Institution	Period of posting	Place of posting
142	S. Shamshad	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	08 th October 2012 - 13 th October 2012 01 st October 2012 06 th October 2012	Cardiothoracic Surgery ward Oncology ward
143	R. Snehalatha	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	08 th October 2012 - 13 th October 2012 01 st October 2012 06 th October 2012	Cardiothoracic Surgery ward Oncology ward
144	P. Sowjanya	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	08 th October 2012 - 13 th October 2012 01 st October 2012 06 th October 2012	Cardiothoracic Surgery ward Oncology ward
145	R. Sumathi	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	08 th October 2012 - 13 th October 2012 01 st October 2012 06 th October 2012	Cardiothoracic Surgery ward Oncology ward
146	S. Sirisha	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	08 th October 2012 - 13 th October 2012 01 st October 2012 06 th October 2012	Cardiothoracic Surgery ward Oncology ward
147	S. Farjana Begum	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	08 th October 2012 - 13 th October 2012 01 st October 2012 06 th October 2012	Cardiothoracic Surgery ward Oncology ward
148	S. Geetha Rani	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	08 th October 2012 - 13 th October 2012 01 st October 2012 06 th October 2012	Cardiothoracic Surgery ward Oncology ward
149	B. Suneetha	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	15 th October 2012 20 th October 2012 08 th October 2012 - 13 th October 2012	Cardiothoracic Surgery ward Oncology ward
150	K. Surya Sravanmani	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	15 th October 2012 20 th October 2012 08 th October 2012 - 13 th October 2012	Cardiothoracic Surgery ward Oncology ward
151	P. Suseela	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	15 th October 2012 20 th October 2012 08 th October 2012 - 13 th October 2012	Cardiothoracic Surgery ward Oncology ward
152	G. Swathi	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	15 th October 2012 20 th October 2012 08 th October 2012 - 13 th October 2012	Cardiothoracic Surgery ward Oncology ward
153	N. Swathi Kumari	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	15 th October 2012 20 th October 2012 08 th October 2012 - 13 th October 2012	Cardiothoracic Surgery ward Oncology ward

S. No.	Name	Course	Institution	Period of posting	Place of posting
154	K. Vijaya	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	15 th October 2012 - 20 th October 2012 08 th October 2012 - 13 th October 2012	Cardiothoracic Surgery ward Oncology ward
155	T. Sirisha	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	15 th October 2012 - 20 th October 2012 08 th October 2012 - 13 th October 2012	Cardiothoracic Surgery ward Oncology ward
156	T. Pravallika	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	15 th October 2012 - 20 th October 2012 08 th October 2012 - 13 th October 2012	Cardiothoracic Surgery ward Oncology ward
157	T. Siva Rani	BSc (N) III year	Sri Padmavathamma Govt. College of Nursing, Tirupati	15 th October 2012 - 20 th October 2012 08 th October 2012 - 13 th October 2012	Cardiothoracic Surgery ward Oncology ward

2.7 GNM - General Nursing (Diploma)

S. No.	Name	Course	Institution	Period of posting	Place of posting
158	S. Asha Banu	GNM-II year	Sri Gnana Prasunambika College of Nursing, Srikalahasti	01-30 June 2012	Cardiology, Neurology, Surgical Oncology Medical Oncology, Radiation Oncology
159	K. Divya	GNM-II year	Sri Gnana Prasunambika College of Nursing, Srikalahasti	01-30 June 2012	Cardiology, Neurology, Surgical Oncology Medical Oncology, Radiation Oncology
160	P. Jayalakshmi	GNM-II year	Sri Gnana Prasunambika College of Nursing, Srikalahasti	01-30 June 2012	Cardiology, Neurology, Surgical Oncology Medical Oncology, Radiation Oncology
161	T. Mamatha	GNM-II year	Sri Gnana Prasunambika College of Nursing, Srikalahasti	01-30 June 2012	Cardiology, Neurology, Surgical Oncology Medical Oncology , Radiation Oncology
162	C. Mounika	GNM-II year	Sri Gnana Prasunambika College of Nursing, Srikalahasti	01-30 June 2012	Cardiology, Neurology, Surgical Oncology Medical Oncology, Radiation Oncology
163	D. Parvathi	GNM-II year	Sri Gnana Prasunambika College of Nursing, Srikalahasti	01-30 June 2012	Cardiology, Neurology, Surgical Oncology Medical Oncology, Radiation Oncology
164	V. Priyadarshini	GNM-II year	Sri Gnana Prasunambika College of Nursing, Srikalahasti	01-30 June 2012	Cardiology, Neurology, Surgical Oncology Medical Oncology, Radiation Oncology

S. No.	Name	Course	Institution	Period of posting	Place of posting
165	V. Revathi	GNM-II year	Sri Gnana Prasunambika College of Nursing, Srikalahasti	01-30 June 2012	Cardiology, Neurology, Surgical Oncology, Medical Oncology, Radiation Oncology
166	G. Rcdemma	GNM-II year	Sri Gnana Prasunambika College of Nursing, Srikalahasti	01-30 June 2012	Cardiology, Neurology, Surgical Oncology, Medical Oncology, Radiation Oncology
167	S. Rajiya	GNM-II year	Sri Gnana Prasunambika College of Nursing, Srikalahasti	01-30 June 2012	Cardiology, Neurology, Surgical Oncology, Medical Oncology, Radiation Oncology
168	C. Rohini	GNM-II year	Sri Gnana Prasunambika College of Nursing, Srikalahasti	01-30 June 2012	Cardiology, Neurology, Surgical Oncology, Medical Oncology, Radiation Oncology
169	M. Roja	GNM-II year	Sri Gnana Prasunambika College of Nursing, Srikalahasti	01-30 June 2012	Cardiology, Neurology, Surgical Oncology, Medical Oncology, Radiation Oncology
170	M. Roja	GNM-II year	Sri Gnana Prasunambika College of Nursing, Srikalahasti	01-30 June 2012	Cardiology, Neurology, Surgical Oncology, Medical Oncology, Radiation Oncology
171	V. Sundaravathi	GNM-II year	Sri Gnana Prasunambika College of Nursing, Srikalahasti	01-30 June 2012	Cardiology, Neurology, Surgical Oncology, Medical Oncology, Radiation Oncology
172	P. Subhashini	GNM-II year	Sri Gnana Prasunambika College of Nursing, Srikalahasti	01-30 June 2012	Cardiology, Neurology, Surgical Oncology, Medical Oncology, Radiation Oncology
173	V. Sampoorna	GNM-II year	Sri Gnana Prasunambika College of Nursing, Srikalahasti	01-30 June 2012	Cardiology, Neurology, Surgical Oncology, Medical Oncology, Radiation Oncology
174	M. Sukanya	GNM-II year	Sri Gnana Prasunambika College of Nursing, Srikalahasti	01-30 June 2012	Cardiology, Neurology, Surgical Oncology, Medical Oncology, Radiation Oncology
175	P. Vani	GNM-II year	Sri Gnana Prasunambika College of Nursing, Srikalahasti	01-30 June 2012	Cardiology, Neurology, Surgical Oncology, Medical Oncology, Radiation Oncology
176	K. Venkataramana	GNM-II year	Sri Gnana Prasunambika College of Nursing, Srikalahasti	01-30 June 2012	Cardiology, Neurology, Surgical Oncology, Medical Oncology, Radiation Oncology
177	K. Vijayakumari	GNM-II year	Sri Gnana Prasunambika College of Nursing, Srikalahasti	01-30 June 2012	Cardiology, Neurology, Surgical Oncology, Medical Oncology, Radiation Oncology

2.8 Alternative Medicine

S. No.	Name	Course	Institution	Period of posting	Place of posting
178	Dr S.Sravanthi	MS (Ayurveda)	SV Ayurvedic College, Tirupati	15 th February 2012 – 15 th April 2012	General Surgery
179	Dr P.Suresh	MS (Ayurveda)	SV Ayurvedic College, Tirupati	15 th February 2012 – 15 th April 2012	General Surgery
180	Dr Pratapshanker	MS (Ayurveda)	SV Ayurvedic College, Tirupati	16 th April 2012 – 15 th June 2012	General Surgery
181	Dr D.Bhagyalaxmi	MS (Ayurveda)	SV Ayurvedic College, Tirupati	16 th April 2012 – 15 th June 2012	General Surgery
182	Dr Roation Zameer	MS (Ayurveda)	SV Ayurvedic College, Tirupati	16 th June 2012 – 15 th August 2012	General Surgery
183	Dr Reena Jaiswal	MS (Ayurveda)	SV Ayurvedic College, Tirupati	16 th June 2012 – 15 th August 2012	General Surgery

2.9 Others (Paramedical, Life sciences)

S. No.	Name	Course	Institution	Period of posting	Place of posting	Purpose
184	MSc Students (13 Nos)	MSc (Food Science Nutrition and Dietetics)	S.V. University, Tirupati	9 th February 2012 - 10 th March 2012	Hospital visit on Tuesday's & Saturday's under supervision of the Dietician	Practical work
185	Students of MSc, Instrumentation	MSc, Instrumentation	SV University, Tirupati	30 th July 2012- 06 th August 2012	Biomedical Engineering	Training
186	K. Padmavathi	MSc Biochemistry	SV University, Tirupati	02 nd March 2012 01 st April 2012 02 nd April 2012 01 st May 2012	Biochemistry Microbiology	Training
187	D. Aruna Padmavathi	MSc Biotechnology	SPMMV, Tirupati	08 th October 2012- 07 th January 2013	Biotechnology	Training
188	E.Manoj Kumar	MTech Biotechnology	Acharya Nagarjuna University, Guntur	26 th July 2012 – 25 th August 2012	Biotechnology	Project work
189	K. Sudcesh	MTech Biotechnology	Acharya Nagarjuna University, Guntur	26 th July 2012 – 25 th August 2012	Biotechnology	Project work
190	N. Meghana Sree	B.Tech Bio Engineering	Sastra University, Thanjavur	30 th April 2012 – 07 th May 2012	Biomedical Engineering	Training
191	K.Nithin	BTech Bio Engineering	SRM University Chennai	12 th June 2012 - 22 nd June 2012	Biomedical Engineering	Training
192	V.Hemasri	D. Pharmacy	S.V. Govt. Polytechnic Tirupati	15 th May 2012 - 14 th August 2012	Medical & Surgical Stores	Training
193	K. Thulasi	Diploma in Biomedical Engg	S.V. Govt Polytechnic Tirupati	01 st June 2012 – 31 st December 2012	Biomedical Engineering	Training

S. No.	Name	Course	Institution	Period of posting	Place of posting	Purpose
194	K. Vijaya	DMIT	SV Medical College, Tirupati	01-21 June 2012	Radiology	Training
195	M. Devendra Naik	DMIT	SV Medical College, Tirupati	01-21 June 2012	Radiology	Training
196	B.Ganesh	DMIT	SV Medical College, Tirupati	01-21 June 2012	Radiology	Training
197	E. Radha	DMIT	SV Medical College, Tirupati	01-21 June 2012	Radiology	Training
198	V. Mohan Babu	DMIT	SV Medical College, Tirupati	01-21 June 2012	Radiology	Training
199	A. Bhaskar	DMIT	SV Medical College, Tirupati	01-21 June 2012	Radiology	Training
200	B. Barghavi	DMIT	SV Medical College, Tirupati	01-21 June 2012	Radiology	Training
201	C. Maheswari	DMIT	SV Medical College, Tirupati	01-21 June 2012	Radiology	Training

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

1.0 Workshops Organized

1. The Department of Anaesthesiology conducted workshop on “Supraglottic airway devices” during BAPU – 2012 SVIMS, Tirupati by Dr V. Sathayanarayana and Dr Aloka Samantaray
2. The Department of Cardiology conducted a workshop on, “ASD and VSD device closures” was organized with Dr K. Nageswar Rao, CARE Hospitals, Hyderabad which during 8th & 9th February 2012.
3. The Department of Cardiology conducted a workshop on, “EPS+RFA” was organized with Dr Ullas Pandurangi, Madras Medical Mission, Chennai on 17 - 18 March 2012.
4. The Department of Cardiology conducted a workshop on, “ASD device closures” was organized with Dr Laniein Fro, National Heart Institute, Bachmai General Hospital, Hanoi, Vietnam during 4 - 5 June 2012.



A renowned cardiologist Dr Laniein Fro from Vietnam is seen, who conducted a two day workshop on Device Closure of ASD on 04th June 2012.

5. College of Physiotherapy organised a two-day workshop on 25 - 26 June 2012.



A two day workshop was organized by the College of Physiotherapy during 25 - 26 June 2012 by inviting Dr Hari Ohm. The Director is felicitating the guest with memento

6. The Department of Cardiology conducted a workshop on, “EPS+RFA” was organized with Dr Ramachandra, Prime Hospitals, Hyderabad and Dr Vijay Keerthi, Narayana Hrudayalaya, Hyderabad during 30th June 2012 1st July 2012.
7. The Department of Cardiology conducted a workshop on, “CRTD device implantation” was organized on 14th August 2012 and Dr Ramachandra, cardiologist, Prime Hospitals, Hyderabad visited SVIMS and conducted the cases.
8. The Department of Cardiology conducted a workshop on, “EPS+RFA” was organized with Dr Yogesh Kothari, Bangalore, Dr Vijay Keerthi, Hyderabad and Dr Prem Kumar, Chennai on 22nd September 2012.



7th Electrophysiology and RF Ablation workshop was organized by the department of cardiology on 24th September 2012. Dr Y Kothari, Dr Jaya Keerthi, Dr Prem Kumar & Dr D. Raja Sekhar are seen in the cardiac cathlab. of the institute

9. The Department of Cardiology conducted a workshop on, "EPS+RFA" was organized with Dr Yogesh Kothari, Bangalore on 17th October 2012.
10. The Department of Cardiology conducted a workshop on, "ASD device closures" was organized with Dr Lan Hieu Ngyuen, National Heart Institute, Bachmai General Hospital, Hanoi, Vietnam during 5 – 6 November 2012.
11. The Department of Cardiology conducted a workshop on, "VSD& PDA device closures" was organized with Dr K. Nageswar Rao, Paediatric cardiologist, CARE Hospitals, Hyderabad during 8- 9 November 2012.
12. The Department of Cardiology conducted a workshop on, "EPS+RFA", which was organized with Dr Yogesh Kothari, Bangalore on 21st November 2012.
13. The Department of Cardiology conducted a workshop on, "FFR" was organized with Dr D. Rajasekhar, SVIMS on 29th November to 1st December, 2012.
14. The Department of Cardiology conducted a workshop on, "EPS+RFA" was organized with Dr Yogesh Kothari, Bangalore on 26th December, 2012.
15. The Department of Urology conducted on, "Laparoscopic workshop" on, 22nd December 2012 with Dr Mallikarjun Reddy, Kamineni Hospitals, Hyderabad.
16. The Department of Urology conducted a State wide LIVE operative Work shop on, "Female Urology" on 30th December, 2012 with Prof N. Rajamaheswari.



The Dept. of Urology organized a live work shop on on 30th December 2012 on "Female Urology", under the supervision of Dr N. Raja Maheswari, Uro-Gynaecologist, Madras Medical College, Chennai (seen sitting 2nd from left)

2.0 Symposium and public awareness programmes organized

The College of Nursing (CON), SVIMS conducted a Symposium on Healling Touch to all the nurses and nursing students on 13th October 2012 at Mahathi Auditorium, Tirupati.



Tirumala Tirupati Devasthanams, SVIMS & Satya Sai Seva Samithi jointly organized a symposium on 13th October 2012 on the topic "Healing touch with human values" at Mahathi Auditorium for nursing students & working nurses in and around Tirupati. Smt. Kalavathi, Head Nurse, SVIMS was felicitated for rendering the best nursing care in SVIMS. The Executive Officer, TTD addressed the nursing community on the occasion.

1. The College of Nursing, SVIMS Conducted Mass Health Education & Program regarding “Dengue Fever” on 15th November 2012 at Rural Health Center, Chandragiri
2. The College of Nursing, SVIMS conducted Health awareness programe on HIV/AIDS during 30th November 2012 – 2nd December 2012 in collaboration with the Dept. of Social

and Preventive Medicine, Sri Venkateswara Medical College, Tirupati.

3.0. CME Programmes

CME Programmes are organized by the departments on ration regularly on the first Saturday of each month.

S. No.	Date	Topic	Speaker	Department organized
01.	07.01.2012	Fitness evaluation and training	Dr Jayasrikanth, Chennai	College of Physiotherapy
02.	11.02.2012	An overview on fitness	Dr K. Madhavi	Radiology & Nuclear Medicine
		Abdominal application of MRI opportunistic lung infection	Dr Eswar Chandra HOD, Dept. of Radiology, Kamineni Hospitals, Hyderabad	
		MDCT paediatric cardiac applications	Dr Karthikeyan Consultant Radiologist, Yasoda Hospitals, Hyderabad	
03.	03.03.2012	PET CT imaging beyond FDG	Dr Lakshmipathi Sr. Consultant, Kamakshi Memorial Hospital, Chennai	Cardiology & Cardiothoracic Surgery
		Newer thrombolytic agents	Dr D. Rajasekhar Professor & Head of Cardiology	
		Stroke prevention in atrial fibrillation	Dr M.L. Srinivasa Kumar Asst. Professor of Cardiology	
		Surgical advances in mitral valve surgery	Dr Abha Chandra Professor & Head of Cardiothoracic Surgery	
		Ventricular assist device: Advances in technology	Dr Abha Chandra Prof & Head of Cardiothoracic Surgery	

S. No.	Date	Topic	Speaker	Department organized
04.	09.03.2012	Analytical and post analytical errors	Dr R. Selvakumar Professor & HOD of Clinical Biochemistry, CMC, Vellore	Pathology, Biochemistry, Microbiology & Endocrinology
		Pre analytical science in lab medicine	Dr Anita Singh Clinical Manager, BD Diagnostics-PAS	
		Approach to anemias	Dr B.V. Vydehi Chief Pathologist & Head of Lab Medicine, Bollineni Super - specialty Hospital, Nellore	
05.	05.05.2012	PSA Connundrum	Prof S. Nitin Kekre Professor & Head of Urology, CMC, Vellore	Nephrology & Urology
		Obesity and Kidney	Dr P. Sriram Naveen Asst. Professor of Nephrology	
06.	25.06.2012 & 26.06.2012	Evidence Based Practice	Dr Hari Ohm, Physiotherapist, Chennai	College of Physiotherapy
07.	22.09.2012	Efforts for Evidence based Medicare:		Haematology, Pathology & Transfusion Medicine
		1. HLA typing and Histocompatibility	Dr Vinod Panicker, SRMC, Chennai	
		2. What the mind knows Eyes see.	Dr K. Gayathri, Hyderabad	
08.	26.09.2012	3. Clinical Aspects of Anticoagulation	Dr R. Madan Mohan, Vizag	Cardiology
		1. Recent trends in the management of hypertension	Dr V. Ganeswara Reddy, Asst. Prof of Cardiology, SVIMS	
		2. Women & Heart disease	Dr CS. Thejanandan Reddy, Asst. Prof of Cardiology, SVIMS	
		3. How to live long with a healthy heart	Dr Ch. Shashanka, Asst. Prof of Cardiology, SVIMS	

S. No.	Date	Topic	Speaker	Department organized
09.	01.12.2012	1.Screening of Gynecologic Malignancy Current Status 2.Surgery in epithelial ovarian cancer : What is the change? 3.Neoadjuvant, adjuvant and intraperitoneal chemotherapy strategies in epithelial ovarian cancer 4.Principles of Radiotherapy in cervical cancer	Dr Bharathi, Professor of Gynaecology, SVMedical College. Dr CS. Rao, Surgical Oncologist, Hyderabad Dr Mehar Lakshmi, Asst. Professor of Medical Oncology, SVIMS Dr Kousik Bhattacharya, Hyderabad	Surgical Oncology, Medical Oncology & Radiotherapy
10.	01.12.2012	1.Antigenic Variations in HIV – A Molecular Approach 2.Role of Bioinformatics in development of novel antiviral agents with special ref. to yellow fever 3.Diagnostic & Preventive aspects of H1N1 Influenza	Dr PVGK. Sarma, Associate Professor Dept. of Biotechnology Dr A. Umamaheswari Associate Professor Dept. of Bioinformatics Dr Abhijit Chaudhury Professor & HOD, Microbiology	Biotechnology, Bioinformatics & Microbiology
11.	30.12.2012	Live Operative Procedures : 1.Anti-Incontinence Procedures 2.Surgical tips and techniques 3.Mid Urethral Slings : TVT,TOT 4.Proximal Urethral Slings : Fascia lata , Rectus fascia Lectures on: 1.Evaluation – Stress urinary incontinence 2.Conservative treatment of SUI 3.Surgical management of SUI 4.Complications of Slings 5.Management of Recurrent SUI	Dr N. Rajamaheswari, Chennai	Urology



1. A CME was organized jointly by the depts. of Radiology & Nuclear Medicine on 11th February 2012.
2. CME was organized by the Dept. of Pathology on 09th March 2012. Dr Selva Kumar, CMCH, Vellore was invited to deliver the lecture (seen 2nd from right).
3. A CME was organized jointly by the Department of Urology and Nephrology on 05th May 2012. Seen from Left to Right are Dr V. Siva Kumar, Sr. Prof. & HOD, Nephrology, Dr O.Ramesh, Prof. & HOD, Urology, S.V.Medical College, Dr Nithin Kekre, Prof. of Urology, CMCH, Vellore and Dr B. Vengamma, Director, SVIMS. Dr Nithin Kekre delivered a lecture on "Treatment of prostate cancer".
4. A CME was organized jointly by the departments of Pathology, Transfusion Medicine & Haematology on 22nd September 2012 on the topic "Efforts for evidence based medicare".
5. The Dept. of Anaesthesiology organized a National Level two day CME - "Balaji Anesthesia Postgraduate Update (BAPU)" on 1st September 2012. The Director, SVIMS is seen delivering the inaugural address.
6. The Director, SVIMS is seen addressing the audience on the occasion of inauguration of the CME jointly organized by the Depts. of Surgical Oncology, Medical Oncology and Radiotherapy on 01st December 2012.

4.0 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 programmes conducted for the year 2012 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
01.	05-01-12 Thursday	Case of extra pulmonary tuberculosis	Dr Y. Mutheeswaraiiah	General Surgery	--	--	--
02.	07-01-12 Saturday	GIST-Stomach	Dr S. Jegadesh Chandra Bose	Surgical GE	--	Dr T. Ramesh Babu	Pathology
03.	12-01-12 Thursday	Persistent Eosinophilia	Dr Chandrasekhar	Haematology	Cone Biopsy	Dr A. Ramesh	Surgical Oncology
04.	19-01-12 Thursday	Caught in a constantly shrinking shroud	Dr N. Sowgandhi	Medicine	--	--	--
05.	21-01-12 Saturday	Hemophilia	Dr Meena Kumari	Hematology	Spotter	Dr AY. Lakshmi	Radiology
06.	02-02-12 Thursday	Hyperinfection syndrome due to strongyloides stercorales in a patient with membranous nephropathy	Dr R. Jayaprada	Microbiology	Tissue Doppler imaging	Dr C. Santosh Kumar	Cardiology
07.	04-02-12 Saturday	A study of prevalence of microvascular complications in patients newly diagnosed to have type 2 diabetes mellitus at the time of initial diagnosis	Dr U. Bhaskar Rao	Medicine	--	--	--
08.	09-02-12 Thursday	Unusual presentation of malignant hypertension	Dr AVSSN. Sridhar	Nephrology	Urine DIP strip test	Dr Ramesh Babu	Pathology

S. No	Date	Research presentation (Saturday) / Case presentation (Thursday)			Spotters Presentation (Saturday) / Capsule on an investigation (Thursday)		
		Topic	Speaker	Department	Topic	Speaker	Department
09.	16-02-12 Thursday	Interesting and rare case presentation of movement disorder	Dr P. Srinivas	Neurology	Renal biopsy	Dr AVSSN Sridhar	Nephrology
10.	18-02-12 Saturday	A prospective study of oxidative stress, CIMT and endothelial dysfunction in patients with HCV positive and negative status on maintenance hemodialysis	Dr C. Krishna Kishore	Nephrology	--	Dr A. Ganesh	Urology
11.	23-02-12 Thursday	Case presentation	Dr MA. Jagadeesh Kumar	Neurosurgery	Electro myelography (EMG)	Dr J. Varadaraja	Neurology
12.	01-03-12 Thursday	Osteitis pubis – A case presentation	Dr Ravishwar Narayan	Nuclear Medicine	Oral glucose tolerance test	Dr T. Chandrasekhar	Biochemistry
13.	03-03-12 Saturday	Study of the clinical profile & surgical outcome of spinal disorders in children & adolescents at tertiary referral center (SVIMS, Tirupati)	Dr V.A. Kiran Kumar	Neurosurgery	Resuscitation equipment	Dr P. Dileepkumar Reddy	Anaesthesiology
14.	08-03-12 Thursday	Hepatocellular carcinoma with unusual metastasis to gingivum	Dr K. Sudheer Reddy	Medical Oncology	Intra operative facial nerve monitoring	Dr MA. Jagadish Kumar	Neurosurgery
15.	10-03-12 Saturday	A study of decompressive craniectomy in stroke	Dr M. Naga Suresh	Neurology	Biochemistry spotter session	Dr T. Chandra Sekhar	Biochemistry

S. No	Date	Research presentation (Saturday) / Case presentation (Thursday)			Spotters Presentation (Saturday) / Capsule on an investigation (Thursday)		
		Topic	Speaker	Department	Topic	Speaker	Department
16.	15-03-12 Thursday	Fertility preserving surgery in a case of B/L ovarian mass	Dr A. Ramesh	Surgical Oncology	Scoliosis	Dr Andal Venkataraman	Anaesthesiology
17.	17-03-12 Saturday	Role of PET-CT in breast carcinoma evaluation: SVTMS experience	Dr Ravishwar Narayan	Nuclear Medicine	An uncommon & interesting coronary angiogram	Dr D. Sarath Babu	Cardiology
18.	22-03-12 Thursday	A rare & interesting presentation of a "Primary malignant neoplasm of kidney" with special emphasis on immune histochemistry	Dr Anantha Sathyanarayana	Pathology	IABP (Intra Aortic Ballon Pump)	Dr M. Motilal	Cardiothoracic Surgery
19.	24-03-12 Saturday	--	--	--	Unusual sequelae of ischemic upper limb after revascularization	Dr M. Motilal	Cardiothoracic Surgery
20.	29-03-12 Thursday	A case of abdominal wall reconstruction. A case of fat grafting	Dr CV. Praveen Kumar Reddy	Plastic Surgery	--	--	--
21.	05-04-12 Thursday	Incidentally detected retroperitoneal tumor	Dr Pavankumar	Radiology	Anti CCP antibodies test	Dr N. Sowgandhi	Medicine (in place of Medical GE)
22.	07-04-12 Saturday	Management of Neck secondaries in Head and Neck Cancer	Dr N. Raghuvamsi	Surgical Oncology	--	--	Endocrinology

S. No	Date	Research presentation (Saturday) / Case presentation (Thursday)			Spotters Presentation (Saturday) / Capsule on an investigation (Thursday)		
		Topic	Speaker	Department	Topic	Speaker	Department
23.	12-04-12 Thursday	Metastatic axillary lymphadenopathy in colon cancer	Dr G. Swathi	Radiotherapy	Choledocho Scopy	Dr K. Radha Krishna	Surgical Gastroenterology
24.	14-04-12 Saturday	Extra Gastro intestinal stromal tumour – Our experience	Dr Y. Sudhasree	Pathology	--	Dr G. Sivaram Naik	Medical Gastroenterology
25.	19-04-12 Thursday	The Final Inspection – report of a red cell unit.	Dr A. Yashovardhan	Blood Bank	Short Acth Stimulation Test	Dr M. Arun	Endocrinology
26.	21-04-12 Saturday	Shifting Paradigms in therapeutic strategies in primary and metastatic non small cell lung carcinoma	Dr Venkata Sampath	Medical Oncology	--	--	Surgical Gastroenterology
27.	26-04-12 Thursday	Management of urachal malignancy resulting in huge loss of abdominal wall – rare case	Dr YL. Sri Ranga	Urology	Single – Breath Count	Dr DT. Katyarnal	Medicine
28.	03-05-12 Thursday	Peripartum Septic Encephalopathy	Dr P. Dilip Kumar Reddy	Anaesthesiology	Mantoux Test	Dr GLS. Sumanth	Microbiology
29.	05-05-12 Saturday	Assessment of acute pyelonephritis severity with C.T.Scan	Dr RV. Prasanna Vadana	Radiology	-	Dr S. Nagesh Kumar	General Surgery
30.	10-05-12 Thursday	Therapeutic Drug Monitoring	Dr Y. Nagesh	Biochemistry	LDH Levels	Dr Geeta Vani	Haematology

S. No	Date	Research presentation (Saturday) / Case presentation (Thursday)			Spotters Presentation (Saturday) / Capsule on an investigation (Thursday)		
		Topic	Speaker	Department	Topic	Speaker	Department
31.	12-05-12 Saturday	Carcinoma Cervix	Dr B. Srinivasa Rao	Radiation Oncology	Splenomagaly	Dr C. Chandra Sekhar	Haematology
32.	17-05-12 Thursday	Rare presentation of Deep vein Thrombosis	Dr BS. Praveen Kumar	Cardiology	Para Thyroid Scintigraphy	Dr Raviswar Narayan	Nuclear Medicine
33.	19-05-12 Saturday	Cold Agglutinin Disease – Report with review of Literature	Dr B. Suresh Babu	Blood Bank	--	Dr N. Sowgandhi	Medicine`
34.	24-05-12 Thursday	Interesting case presenting and treated as Bronchial Asthma	Dr KHS. Raghavendra	Cardio Thoracic Surgery	RGP	Dr C. Surya Prakash Reddy	Urology
35.	31-05-12 Thursday	Premium non Nocere	Dr D. Rajitha	Endocrinology & Metabolism	Rapid plasma regain (RPR) card test	Dr A. Yashovardhan	Blood Bank
36.	02-06-12 Saturday	Buccal Mucosal graft urethroplasty for reconstruction of anterior urethral strictures	Dr E. Bhavatej	Urology	Spotters Presentation	--	Microbiology
37.	07-06-12 Thursday	A Rare GI tumor masquerading as leptospirosis	Dr G. Sivaram Naik	Medical G.E.	--	--	--
38.	09-06-12 Saturday	Attenuation of Haemodynamic response to Endotracheal intubation	Dr Lokya Naik	Anaesthesiology & Critical Care	A Clinical diagnostic clue to chronic kidney disease	Dr B. Vara Lakshmi Devi	Nephrology

S. No	Date	Research presentation (Saturday) / Case presentation (Thursday)			Spotters Presentation (Saturday) / Capsule on an investigation (Thursday)		
		Topic	Speaker	Department	Topic	Speaker	Department
39.	14-06-12 Thursday	Carcinoma Stomach following Gastrojejunostomy	Dr K. Radha Krishna	Surgical G.E.	CT Cisternography	Dr T. Sreeshma	Radiology Imaging Sciences
40.	16-06-12 Saturday	Evaluation of traditional and novel cardiovascular risk factors in-patients with Rheumatoid Arthritis	Dr T. Chandra Sekhar	Biochemistry	Movement Disorder	Dr M. Sudhakar Rao	Neurology
41.	21-06-12 Thursday	Case of Acute Appendicitis	Dr S. Nagesh Kumar	General Surgery	--	--	Plastic Surgery
42.	23-06-12 Saturday	The impact of Metabolic syndrome on global left ventricular function – evaluated by using the Index of Myocardial performance	Dr ML. Srinivasa Kumar	Cardiology	--	Dr V. Jayachandar	Neuro Surgery
43.	28-06-12 Thursday	Secondary Hemosiderosis (Transfusional Iron Overload)	Dr A. Yashovardhan	Haematology	Diagnostic Laparoscopy in Oncology	Dr Raghu Vamsi	Surgical Oncology
44.	05-07-12 Thursday	Keeping an open mind	Dr V.Arun Raja	Medicine	Bone marrow aspiration	Dr K.Sudheer Reddy	Medical Oncology

S. No	Date	Research presentation (Saturday) / Case presentation (Thursday)			Spotters Presentation (Saturday) / Capsule on an investigation (Thursday)		
		Topic	Speaker	Department	Topic	Speaker	Department
45.	07-07-12 Saturday	Comparative study of bileaflet mechanical valve versus stented porcine bioprosthetic valve in-patients under going aortic valve replacement	Dr M. Motilal / Dr G. Murali Harish	Cardio Thoracic Surgery	--	Dr Ravishwar Narayan	Nuclear Medicine
46.	12-07-12 Thursday	Cryptosporidium infection in a renal transplant recipient	Dr R. Jayaprada	Microbiology	His bundle electrogram	Dr U. Venkateswara Rao	Cardiology
47.	14-07-12 Saturday	Sheehan's syndrome – our experience	Dr E. Sunil	Endocrinology & Metabolism	--	--	--
48.	19-07-12 Thursday	An Interesting case of hypokalemia	Dr AVSSN. Sridhar	Nephrology	Pap Smear	Dr K. Sameera	Pathology
49.	21-07-12 Saturday	Erythrocyte sedimentation rate in HIV – negative “New” sputum smear – positive patients with Pulmonary Tuberculosis	Dr S. Aparna Reddy	Medical (GE)	Spotter presentation	Dr A. Ramesh	Surgical Oncology
50.	26-07-12 Thursday	Vertebral Ewings Sarcoma	Dr MA. Jagadeesh Kumar	Neuro Surgery	Serum creatinine based calculating of eGFR	Dr B. Varalakshmi Devi	Nephrology
51.	02-08-12 Thursday	Occupational neurological disorder	Dr V. Naveen	Neurology	--	--	--

S. No	Date	Research presentation (Saturday) / Case presentation (Thursday)			Spotters Presentation (Saturday) / Capsule on an investigation (Thursday)		
		Topic	Speaker	Department	Topic	Speaker	Department
52.	04-08-12 Saturday	Prospective analysis of stricture rate following Esophagogastric anastomosis	Dr K. Radha Krishna	Surgical Gastroenterology	Spotter presentation	Dr K. Sameera	Pathology
53.	09-08-12 Thursday	PET-CT findings in a rare case of carcinoma of kidney	Dr M. Ranadheer Gupta	Nuclear Medicine	Adenosine Deaminase	Dr Y. Naresh	Biochemistry
54.	11-08-12 Saturday	Ventral Hernia	Dr Nagesh Kumar	General Surgery	Spotter	Dr G. Rajagopal	Endocrinology & Metabolism
55.	16-08-12 Thursday	Childhook Leukemia	Dr K. Sudheer Reddy	Medical Oncology	CUSA	Dr Jayachandar	Neurosurgery
56.	18-08-12 Saturday	Evaluation of vitamin B12 status in-patients with Radioiodine ablation of thyroid gland	Dr Satish Kumar	Endocrinology and Metabolism	Spotter	Dr B. Vijaya Lakshmi Devi	Radiology & Imaging Sciences
57.	23-08-12 Thursday	An unusual cause of facial pain	Dr Raghu Vamsi	Surgical Oncology	Monitoring of Anticoagulation during CPB	Dr N. Hemanth	Anaesthesiology & Critical Care
58.	30-08-12 Thursday	Thinking beyond Gastric Adenocarcinoma and Gastrointestinal stromal Tumors	Dr Y. Sudhasree	Pathology	Spontaneous Pneumothorax	Dr Motilal	Cardiothoracic Surgery
59.	01-09-12 Saturday	Prevalence of Metabolic syndrome in-patients with newly diagnosed diabetes mellitus	Dr S. Aparna Reddy	Medicine	Spotter	Dr P. Sathish Kumar	Endocrinology & Metabolism

S. No	Date	Research presentation (Saturday) / Case presentation (Thursday)			Spotters Presentation (Saturday) / Capsule on an investigation (Thursday)		
		Topic	Speaker	Department	Topic	Speaker	Department
60.	06-09-12 Thursday	A Case of polyuria	Dr D. Rajitha	Endocrinology and Metabolism	Trucut biopsy	Dr Y.Mutheeswaraiah	General Surgery
61.	08-09-12 Saturday	Role of IgM Elisa for the diagnosis of complicated leptospirosis in comparison with Microscopic Agglutination Test (MAT)	Mrs P. Madhavi Latha	Microbiology	Spotter	Dr B.Suresh Babu	IHBT
62	13-09-12 Thursday	Case of Urinary Bladder Trauma	Dr Pavan Kumar G. Kale	Radiology	Evaluation of suspected cushing's syndrome	Dr M. Arun	Endocrinology & Metabolism
63	15.09-12 Saturday	Cutaneous changes in- patients of Chronic Kidney Disease	Dr AVSSN. Sridhar	Nephrology	Spotter	Dr A. Ganesh	Urology
64	20-09-12 Thursday	Role of Adjuvant Radiotherapy in Management of Pituitary Adenoma	Dr KVL. Anusha	Radiation Oncology	CT Enteroclysis	Dr K. Radha Krishna	Surgical G.E
65	22-09-12 Saturday	Clinical manifestations, radiological findings and outcome in cerebral vein and dural sinus thrombosis : A Prospective study	Dr T. Naveen	Neurology	Recent Advances in difficult intubation	Dr Suresh Kumar	Anesthesiology

S. No	Date	Research presentation (Saturday) / Case presentation (Thursday)			Spotters Presentation (Saturday) / Capsule on an investigation (Thursday)		
		Topic	Speaker	Department	Topic	Speaker	Department
66	27-09-12 Thursday	Hemolytic Transfusion with Renal Failure	Dr Deepthi Krishna G.	IHBT	Spotter	Dr Sailaja	Endocrinology & Metabolism
67	04-10-12 Thursday	Carcinoma Penis with Inguinal Lymphadenopathy	Dr A. Ram Prasad Reddy	Urology	Sputum Smear testing for AFB	Dr P. Suneetha	Medicine
68	06-10-12 Saturday	Segmental PMMA Augmented Fenestrated Pedicle Screws Fixation in-patients with Osteoporosis – an Initial Experience	Dr MA. Jagadeesh Kumar	Neurosurgery	Spotter	Dr P. Swathi	Biochemistry
69	11-10-12	Retrograde Intubation – Case Report	Dr Sowmya Jayaram	Anesthesiology	Immunofluorescence for ANA Detection	Dr GL. Sachin Sumanth	Microbiology
70	13-10-12	Correlation of PET-CT findings with Serum CEA levels in follow-up patients of Colo-Rectal Cancer	Dr Raviswarnarayan	Nuclear Medicine	Coronary Arcade	Dr KP. Ranganayakulu	Cardiology
71	18-10-12	Drug interactions – Cytochrome-P450	Dr Y. Naresh	Biochemistry	–	--	--
72	20-10-12	Acute Myeloid Leukemia – SVIMS Data	Dr V. Venkata Sampath	Medical Oncology	X-Ray Spotters	Dr KH. Raghavendra	Cardiothoracic Surgery

S. No	Date	Research presentation (Saturday) / Case presentation (Thursday)			Spotters Presentation (Saturday) / Capsule on an investigation (Thursday)		
		Topic	Speaker	Department	Topic	Speaker	Department
73	25-10-12	A case of Recurrent VT and CHF	Dr M. Buchi Babu	Cardiology	Mebrofenin Scintigraphy in bile disorders	Dr Raviswar Narayan	Nuclear Medicine
74	01-11-12	a case report of coarctation of aorta with PDA	Dr M. Motilal	Cardiothoracic Surgery	Diagnostic Uteroscopy	Dr P. Vasanth Rao	Urology
75	03-11-12	Clinicopathological Analysis of Thyroid cancers over a period of 3 years	Dr A Ramesh	Surg. Oncology	Spotter	Dr Alok Sachan	Endocrinology & Metabolism
76	08-11-12	A case of Pseudo-Hypoparathyroidism	Dr M. Sailaja	Endocrinology & Metabolism	Thromboelastography –A point of care test.	Dr B. Suresh Babu	IHBT
77	10-11-12	A Study of Primary Glomerular Disease in Adults – C.P. and I correlation	Dr Anantha Sathyannarayana	Pathology	Spotter	Dr P. Satish Kumar	Endocrinology & Metabolism
78	15-11-12	Device Closure of Para Valvular Leak	Dr M. Butchi Babu	Cardiology	--	--	--
79	17-11-12	Hypothalamic Pituitary function in-patients with Meningitis	Dr M. Arun	Endocrinology & Metabolism	Spotter	Dr K. Radha Krishna	Surgical G.E.
80	22-11-12	Mucinous Cystic Neoplasms of Pancreas	Dr K. Radha Krishna	Surgical G.E.	Dynamic MR Imaging of Pelvic Floor	Dr Pavan Kumar G. Kale	Radiology & Imaging Sciences

S. No	Date	Research presentation (Saturday) / Case presentation (Thursday)			Spotters Presentation (Saturday) / Capsule on an investigation (Thursday)		
		Topic	Speaker	Department	Topic	Speaker	Department
81	24-11-12	Case of "Medullary Thyroid Carcinoma"	Dr S. Nagesh Kumar	General Surgery	Growth Hormone Stimulating Testing	Dr Ch. Srinivasa Rao	Endocrinology & Metabolism
82	01-12-12	Efficacy of serum PSA, digital rectal examination & trus guided biopsy in detection of CA prostate	Dr Sreeshma	Radiology & Imaging Sciences	Multiple Sinus of Foot	Dr S. Nagesh Kumar	General Surgery
83	06-12-12	Polycythemia	Dr Geetha vani	Hematology	Laryngoscopy	Dr C. Jaya Prakash	Surg. Oncology
84	08-12-12	Radiotherapy in Carcinoma Breast	Dr B. Srinivasa Rao	Radiotherapy	Spotter	Dr S. Sangeetha	Endocrinology & Metabolism
85	13-12-12	A Young lady presenting with Respiratory distress : Mind the Gap!	Dr N. Sowgandhi	Medicine	Tumor Markers HCG, AFP	Dr D. Bhargavi	Medical Oncology
86	15-12-12	Prevalence of Weak D Antigen An Institutional based pilot study	Dr Deepthi Krishna	IHBT	Cutaneous lesion in a patient with Fever	Dr N. Dinesh Kumar	Medicine
87	20-12-12	A Case of systemic lupus Erythematosus	Dr GLS. Sumath Kumar	Microbiology	Stent Boost	Dr A. Vidya Sagar	Cardiology
88	22-12-12	The outcomes of radical nephrectomy with elevated preoperative erythrocyte sedimentation rate in renal cell carcinoma	Dr Ch. Nooki Naidu	Urology	Spotter	Dr Anju Varma	Microbiology
89	27-12-12	Acute Kidney injury in a patient of Lymphoma	Dr P. Sandeep	Nephrology	Frozen Section	Dr K. Sameera	Pathology

5.0 Clinico Pathological Correlation (CPC)

The Academic programme on Clinical 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 V.Suresh, Professor, Dept. of Endocrinology, Dr P.Sriram, Professor, Dept. of Surgical GE were acted as coordinators for Medical & Surgical cases respectively.

S. No.	Date	Topic	Discussant
1.	28.01.2012	A young lady with weakness of limbs and infertility	Dr Hari Krishna Dept. of Medicine
2.	25.02.2012	A 32-year-old man with severe breathlessness	Dr Aparna Reddy Dept. of Medicine
3.	31.03.2012	A 14-year-old female apparently asymptomatic with intermittent attacks of right upper-quadrant abdominal pain	Dr YK.Siva Kumar Reddy Dept. of Surgical Oncology
4.	28.04.2012	A 38-year-old man with ankle pain	Dr Alok Sachan Dept. of Endocrinology
5.	26.05.2012	A 33-year-old man with decrease in appetite	Dr J.Vijay Bhaskar Rao Dept. of Neurology
6.	30.06.2012	A 55-year-old lady with fever for 3 months	Dr K.Krishna Kishore Dept. of Nephrology
7.	28.07.2012	A 66-year-old lady brought to casualty with history of vomiting	Dr G.Sivaram Naik Dept. of Medicine
8.	25.08.2012	A 31-year-old male presenting with history of recurrent episodes of haemoptysis	Dr G.Murali Harish Dept. of Cardiothoracic Surgery
9.	29.09.2012	A renal transplant recipient with acute abdominal pain	Dr D.Sarath Babu Dept. of Cardiology
10.	27.10.2012	A 39-year-old male with intermittent dull aching, periumbilical pain since one month	Dr K.Radha Krishna, Dept. of Surgical Gastroenterology
11.	24.11.2012	A 57-year-old man with swelling in front of the neck and hoarse voice	Dr P.Ravinder Dept. of Nephrology
12.	29.12.2012	A 25-year-old female patient with left upper abdominal pain	Dr E.Bhavatej Dept. of Urology

IV. Central Facilities

1.0 Bala Mithra Creche

It is functioning under the supervision of Dr A.Umamaheswari, Associate Professor, Dept. of Bioinformatics.

Bala Mithra creche was inaugurated by Dr B.Vengamma, Director of SVIMS on 8th April 2011 and housed in boy's hostel, SVIMS. The center accommodates children above six months of age. 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 creche is equipped with four 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. Four workers are engaged as care takers from 8:00 am to 8:00 pm every day by shifts. Every day two nursing students teach children regarding healthy habits, nursery rhymes and games.

2.0 Computer Center

The Computer Section was established in 1995 keeping in view the increasing demands and pressing needs of patient care. It is responsible for the maintenance of computer hardware and software. The management support unit of this section looks after the development and maintenance of software for all the computational needs of the establishment, recruitment, audit, accounts and other administrative units of the SVIMS. Upgradation of internet services, development of the website, content creation and provision of the latest information about various departments of the institute website are the other responsibilities of the section. The computer section has established a Local Area Network (LAN) catering to 96

nodes with SCO-UNIX server and FoxBASE Database.

Hospital Management Information System

Development and installation of Hospital Management Information System (HMIS) is in progress. It will cover major functional areas like patient care, laboratory services, work flow based document/information exchange, human resource and medical records management at the institute. As part of the project the Institute will be connected to the National Knowledge Network (NKN) through a high speed dedicated link in connection with HMIS to be provided by the National Informatics Centre (NIC).

3.0 Library

There is a well established library with a collection of 7000 books with subscription for 130 foreign and 18 Indian journals. The library has a back volume journal collection dating back to 1993. The library is having three computers exclusively for browsing internet for faculty, post graduate doctors and post graduate students respectively.

Books

- a. Budget Sanctioned: Rs.17.40 Lakhs
- b. Number of medical books purchased - 976
- c. Cost of books: Rs. 9,30,692
- d. Second phase of purchase of books is under process from the left over budget.

Journals

- i) Budget Sanctioned : Rs.78 Lakhs
- ii) Number of Medical journal subscribed – 130
- iii) Cost of journals: Rs.76, 14,778/-

Facilities Available

Photocopying, Laser printing, scanning, CD/DVD writing, Internet, Medlars search

Timings

Kept open for all 363 days in a year except on January 26th and August 15th

- i) Week days: 9.00 am. to 12.00 am. (Midnight)
- ii) Sundays: 10.00 am. to 4.00 pm.
- iii) Festival holidays: 10.00 am. to 5.00 pm.

New Facilities coming up

The establishment of Static IP address for e-library is under progress. Six computers and one IBM Server were purchased for accessing e-journals. The proposal for construction of new library building with built up space of 45000 sqft with five floors, each floor (9000 sqft) with an estimated cost of Rs.6.75 crores was approved by the Finance committee and Executive board. The plan was designed by the Design section, TTD, Tirupati and approved by the research committee and library committee.

4.0 Animal House

Laboratory animals are used in medical colleges and institutions for teaching and research as well as developing skills for diagnosis. The animal is almost exclusively used as a substitute or model for man as most laboratory animals have the same set of organs like heart, lungs, liver and so on which work in the same way as they do in humans. Knowledge gained from animal experiments enhances the understanding of the subjects like Physiology, Microbiology, Pharmacology, Biochemistry etc.

Animal experiments give an insight to the students about the etiology, diagnosis, progression and methods of prevention of various diseases. Commonly used animals are frogs, rats, mice, rabbits, guinea pigs, cats, dogs, monkeys and to lesser extent sheep.

The animal house at SVIMS was developed in 2004, since then it is being adequately maintained with the following facilities-

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 15x8½ feet in dimensions, and other four rooms are approx. 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 animal facilities free from pests and vermins.

Physical separation of animals by species is maintained to prevent inter-species disease transmission and to eliminate anxiety and possible physiological and behavioral changes due to inter-species conflict.

Animals at SVIMS Animal House

- 1. Mice -20
- 2. Rabbits -10
- 3. Guinea pigs -7

Staff

Animal Attendants - 1

Veterinarian –Part time

The 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. 350/- month are spent for each animal primarily for the foodstuff.

Use

In our institute animal house facility is used by the departments of Microbiology, Pathology, Biochemistry, Biotechnology and other departments for postgraduate teaching and research purpose.

5.0. ENGINEERING SECTION, SVIMS, TTD

Executive Engineer -VII

Mr P. Parandham

Dy.Executive Engineers

Mr MU. Shareef

Mr K. Sarvesa

Assistant Executive Engineers

Mr S. Sri Balaji

Mr K.Venugopal

Senior Technical Officers

Mr B. Krishna Prasad

Assistant Technical Officer

Mr S. Kishore

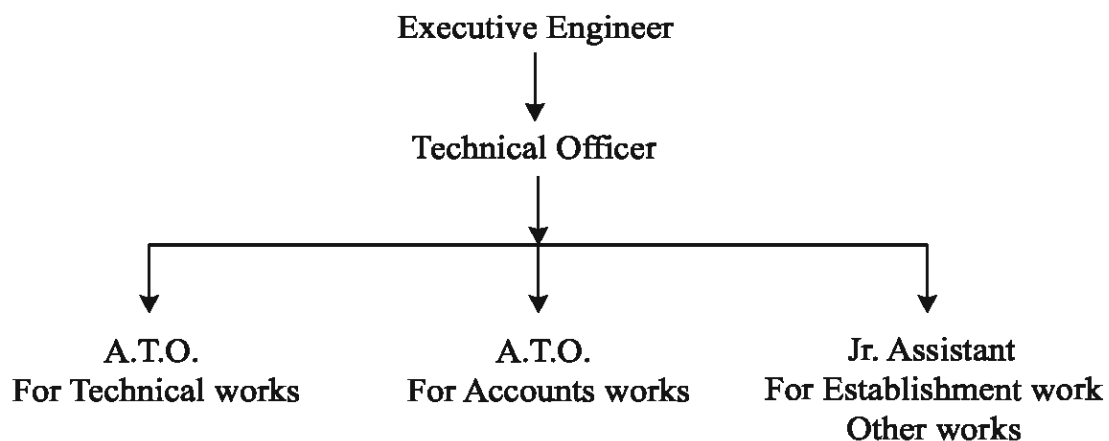
Mr V. Muralidhar Rao

Junior Assistant

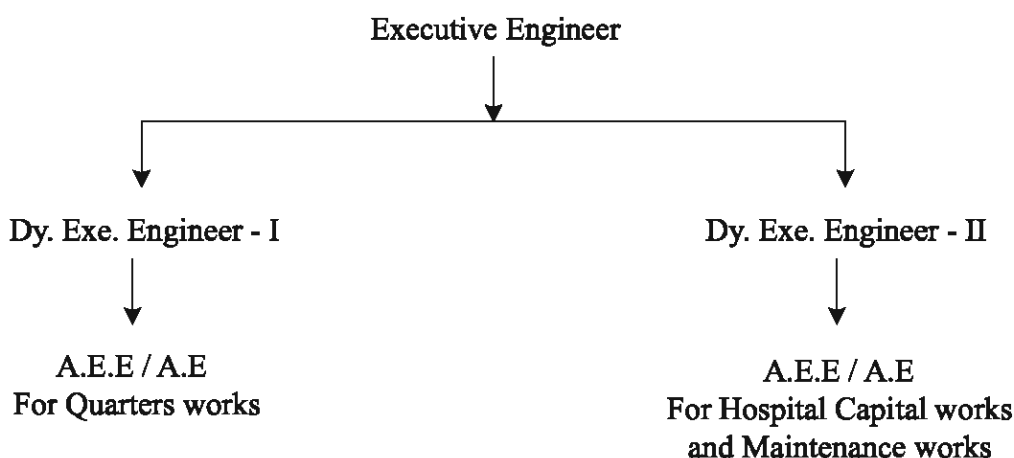
Mr S. Lakshmaiah

The TTD established one separate Engineering Division for Execution of Capital and Maintenance works.

Office structure



Field Structure



Works completed in the Current financial year 2011-12

S. No	Name of work	Estimated Cost in Lakhs Rs.	Expenditure in Lakhs Rs.
1	Construction of Quarters for Professors and Asst. Professors in the premises of SVIMS Hospital Tirupati	1170.00	831.36
2	Construction of Director's bungalow in the premises of SVIMS at Tirupati	57.50	49.68
3	Providing bison panel cub -boards to professors & Assistant Professors quarters at SVIMS, Tirupati	36.00	26.19
4	Construction of compound wall to the Directors bungalow in SVIMS premises, Tirupati	7.30	6.35
5	Construction of Seminar hall and Lab for MD Degree in I.H. & B.T. over the existing blood bank building in SVIMS, Tirupati	8.75	6.82
6	Closing of lift opening to the Professors and Assistant professors quarters (North block) at SVIMS, Tirupati	1.10	1.00
		1280.65	921.40

Work in progress in the Current financial Year 2011-12

S. No.	Name of work	Estimated Cost in Lakhs Rs.	Expenditure in Lakhs Rs.
1	Construction of new M.R.I. building on the western side of existing M.R.I building in SVIMS	24.00	17.75
2	Providing chain link fencing to the Professors quarters and Assistant Professors quarters in the premises of SVIMS, Tirupati	10.00	0.00
3	Construction of dormitory block for patient attendants near new O.P.D. block in SVIMS. (1 st Phase Rs. 151.00 lakhs)	325.00	90.55
4	Construction of 50 Special rooms with exclusive floor for dialysis patients in the SVIMS premises	370.00	0.00
		729.00	108.30

Work sanctioned and to be grounded

S. No.	Name of work	Estimated Cost in Lakhs Rs.	Expenditure in Lakhs Rs.
1	Providing medium class teak wood frame and particle Board cup boards to Director's Bungalow at SVIMS, Tirupati	1.90	0.00
2	Construction of parking place in front of the Oncology block and providing fencing to the doctors car parking area	9.00	0.00
3	Construction of additional three floors over the existing first floor of Girls Hostel in SVIMS premises	400.00	0.00
4	Construction of building for Central Stores (Medial and Surgical Stores) on the back side of new O.P.D. Block	39.00	0.00
5	Sewage water Treatment	230.00	0.00
		679.90	0.00

Works yet to be approved for with Executive Officer, TTD

S. No.	Name of work	Estimated Cost in Lakhs Rs.	Expenditure in Lakhs Rs.
1	Construction of additional floor over the Resident Doctors Hostel in SVIMS premises	106.00	0.00
2	Construction of Prayer and Meditation hall in SVIMS	9.90	0.00
3	Construction of additional floor over Sri Padmavathi O.P.D. Block	400.00	0.00
4	Construction of second floor over the existing canteen building at SVIMS	63.00	0.00
5	Construction of Central work shop building including Civil, Electrical and Biomedical Engineering Department in SVIMS	50.00	0.00
6	Construction of second floor over existing Oncology Block (Cancer)	153.00	0.00
7	Water harvesting and recharging of ground water	14.00	0.00
		795.90	0.00

New proposals to be sanctioned

S. No.	Name of work	Estimated Cost in Lakhs Rs.	Expenditure in Lakhs Rs.
1	Construction of extension of GAS room adjacent to existing GAS room in SVIMS, Tirupati	12.33	0.00
2	Providing gravel filling around the professors and Assistant professors quarters at SVIMS, Tirupati	2.10	0.00
3	Laying of road between Generator & PET CT building SVIMS at Tirupati	4.50	0.00
4	Construction of shed at OPD lawn area for use OPD patients waiting hall in SVIMS at Tirupati	6.90	0.00
5	Providing water proof treatment to Radio therapy block and left over portion of specialty block in SVIMS, Tirupati	9.00	0.00
6	Construction of Brachy therapy chambers adjacent to Radiation Oncology block, SVIMS at Tirupati	30.00	0.00
7	Construction of PEB structure for storage for MRD files over 3rd floor of service block in SVIMS premises, Tirupati	21.60	0.00
8	Providing fixing for the existing red sandal trees in SVIMS premises, Tirupati	4.50	0.00
9	Providing Cup-boards in Assistant Professors & Staff quarters in the premises of SVIMS, Tirupati	33.00	0.00
10	Providing flooring with tiles in left over portion in Specialty block, Central block and Administrative block in SVIMS at Tirupati	40.50	0.00
		164.43	0.00

V. Research activities:

1.0 Publications from SVIMS Faculty and Residents

Articles in International Journals.

1. Trilobar pelvic kidney with renal vascular variations in a fetus

Thyagaraju K, Subhadra Devi V, Yamini Devi C.
Int J Biol Med Res. 2012;3:1854–6.

An ectopic kidney is one that is located outside the renal fossa. It results from failure in upward migration of ureteric bud and metanephric blastema from pelvis to the lumbar region. Failure in the ascent can result in vascular variations and positional variations. Left sided renal ectopia with associated genital anomaly was observed during dissection of a 29 weeks female fetus. The left kidney was tri-lobular and presented positional and vascular variations. Vascular variations on left side include two renal arteries and two renal veins with variation in their origin, course, length and branching pattern. Right kidney though normal in location and vascularization presented hydro ureter. The genital anomaly in the form of unicornuate uterus was present. Positional variation on left side indicates developmental arrest in the ascent of kidney at pelvic brim in front of termination of aorta with hilum facing anterior due to failure of rotation. The positional and vascular variations of kidney are important not only for anatomists but also for surgeons.

2. Evaluation of ischemia modified albumin in hepatitis C positive hemodialysis patients: a pilot study.

Pradeep Kumar V, Suchitra MM, Madhusudhana Rao A, Bitla AR, Siva Kumar V, Srinivasa Rao PVLN.

Int J Biomed Adv Res 2012;3:555-62.

Background : Chronic hemodialysis (HD) patients are more prone for infection such as Hepatitis virus (HCV) infection, which may be associated with increased oxidative stress (OS). Ischemia modified albumin (IMA) levels rises not only during ischemia but also during chronic OS. Hence the study was aimed to evaluate the levels of IMA and its association with

oxidative stress in HCV HD patients. **Methods:** Twenty two HCV positive [HCV (+)], 22 HCV negative [HCV (-)] patients with end stage renal disease (ESRD) on maintenance HD and 22 healthy subjects were enrolled in this cross-sectional observational study. Plasma IMA was determined by spectrophotometric Co (II) -albumin binding assay. Plasma MDA was determined by spectrophotometric method. **Results:** Both MDA and IMA levels were significantly higher in HCV (+) and HCV (-) HD patients compared to controls ($p < 0.001$). A significant increase in MDA levels was observed in HCV (+) HD patients when compared with HCV (-) HD patients ($p < 0.001$); however no change in IMA levels were noted between HCV (+) and HCV (-) HD patients. A negative correlation was observed between IMA and MDA levels in both HCV (+) ($r = -0.278$, $p = 0.178$) and HCV (-) HD patients ($r = -0.193$, $p = 0.354$) which were however not statistically significant. **Conclusion:** Plasma IMA and MDA levels were elevated in both groups of HD patients when compared to controls. However, hepatitis C infection does not appear to cause any additional increase of IMA levels in HD patients.

3. Evaluation of protein oxidation and its association with lipid peroxidation and thyrotropin levels in overt and subclinical hypothyroidism.

Haribabu A, Seshadri Reddy V, Bitla AR, Sachan A, Pullaiah P, Suresh V, Srinivasa Rao PVLN, Suchitra MM.

Endocrine 2012 Dec [Epub ahead of Print].

Both overt (OHT) and subclinical hypothyroid (SHT) disorders have been found to be associated with increased oxidative stress (OXS). Excess thyrotropin [thyroid stimulating hormone (TSH)] is known to directly produce OXS. Increased lipid peroxidation is known to facilitate protein carbonylation. However, the associations between lipid and protein oxidation and elevated TSH levels have not been studied. Thyroid profile, lipid peroxidation as malondialdehyde (MDA) levels and protein carbonylation as protein carbonyls (PCO)

were estimated in OHT and SHT groups consisting of 36 patients each, in comparison to 39 euthyroid controls. We also determined the associations between TSH, MDA, and PCO levels in OHT and SHT groups. Increased oxidative damage was evidenced through significant elevations in the concentrations of MDA and PCO in OHT and SHT groups compared to controls ($p < 0.01$). Both TSH and MDA levels were positively associated with PCO in OHT group. Partial correlation analysis revealed that both excess TSH and increased MDA levels are mutually influencing elevated PCO. The results indicate that there is a simultaneous oxidative damage to lipids and proteins leading to increased MDA and PCO levels in both patient groups. Either of the excess TSH and increased MDA levels are combinably involved in the elevation of PCO in hypothyroidism.

4. Branched chain amino acid profile in early chronic kidney disease.

Kumar MA, Bitla AR, Raju KV, Manohar SM, Kumar VS, Narasimha SR.

Saudi J Kidney Dis Transpl 2012;23:1202-7.

The nutritional status in chronic kidney disease (CKD) patients is a predictor of prognosis during the first period of dialysis. Serum albumin is the most commonly used nutritional marker. Another index is plasma amino acid profile. Of these, the plasma levels of branched chain amino acids (BCAA), especially valine and leucine, correlate well with nutritional status. Plasma BCAAs were evaluated along with albumin and C-reactive protein in 15 patients of early stages of CKD and 15 age- and sex-matched healthy controls. A significant decrease in plasma valine, leucine and albumin levels was observed in CKD patients when compared with the controls ($P < 0.05$). No significant difference in C-reactive protein (CRP) levels was observed between the two groups. Malnutrition seen in our CKD patients in the form of hypoalbuminemia and decreased concentrations of BCAA points to the need to evaluate the nutritional status in the early stages itself. Simple measures in the form of amino acid supplementation should be instituted early to

decrease the morbidity and mortality before start of dialysis in these patients.

5. Homology model of sugarcane soluble acid invertase.

Hemanthkumar M, Umamaheswari A.

Online J Bioinform 2012;3:93-201.

The quality of sugarcane juice is determined by the concentration of sucrose. Invertases (α -fructofuranosidase) have been suggested to be key regulators for sucrose accumulation in sugarcane stem parenchyma and split sucrose into its glucose and fructose subunits by cleavage of α 1- β 2-glycosidic bond. Sucrose is lost during post harvest storage piling due to the continuous metabolic activity of living cells, microbial activity and endogenous soluble acid invertases. Homology modeling of sugarcane soluble acid invertase was performed. Soluble acid invertase protein sequence was retrieved from UniProt (O65342) and homologous performed through BLASTP analysis to reveal 3UGF as structural template (Identity: 59%). The homology model for protein was built using Modeller9v8 and structure was refined and validated through PROCHECK and ProQ. Results showed that 98.4% of the residues in the model fell in a favorable region of Ramachandran plot. An LGscore of 4.388 by ProQ analysis confirmed model accuracy and was posted at PDB with <3% stereo chemical check failure (PM0076107). The soluble acid invertase 3D structure model thus developed could be useful to design invertase inhibitors to prevent sucrose losses during sugarcane harvest.

6. Computer aided subunit vaccine design against pathogenic *Leptospira* serovars.

Umamaheswari A, Pradhan D, Hemanthkumar M.

Interdisc Sci Computat Life Sci 2012;4:38-45.

Epitopes of *Leptospira* inducing CD4(+) T-cell responses by binding to human MHC molecules could critically contribute to the development of subunit vaccines for leptospirosis. Herein, we have identified unique vaccine peptides from outer

membrane proteins (OMPs) common to four sequenced pathogenic *Leptospira* serovars through in silico reverse vaccinology technique. The OMPs were explored for probable antigens using JemBoss and screened in ProPred subsequently to predict thirty HLA-DRB epitopes. The HLA-DRB epitopes were validated through published positive control (HA307-PKYVKQNTLKLAT-319), SYFPEITHI and immune epitope database (IEDB) to list twelve epitopes as putative subunit vaccine peptides from nine OMPs. Cation efflux system membrane protein (czcA) having four subunit vaccine peptides, was modeled in Modeller9v7 and evaluated through Procheck, ProSA and ProQ. The HLA-DRB alleles and czcA 3D interactions were studied using Hex 5.1. Further, the T-cell epitopes present in czcA were docked individually with HLA-DRB alleles. The docking result revealed that czcA and its epitopes were interacting well with HLA-DRB alleles, hence would certainly produce cell mediated immune response in host. Thus, czcA and its four subunit vaccine peptides would be ideal T-cell driven efficacious vaccine against leptospirosis.

7. Validation, quantitative and qualitative analysis of felodipine drug using HPLC.

Santhosh Kumar P, Srinivasa Rao V, Abdul K, Prasad UV, Nanda Kumar Y, Sarma PVGK.

J Pharm Res 2012;5:1838-40.

Felodipine is an oral calcium-channel blocker (CCB) of the dihydropyridine (DHP) class and routinely prescribed for the hypertension. In the present study, randomised, double blind, cross over was designed to evaluate the efficacy of 5mg Felodipine tablets (Plendil) available commercially. A rapid and reproducible High Performance Liquid Chromatographic method has been developed for the estimation of Felodipine in its pure form as well as in pharmaceutical dosage forms. Chromatography was carried out on an Symmetry C18 column (25cm × 4.5mm, 5μ), Isocratic elution was carried with the mobile phase acetonitrile and water (80:20 v/v) at flow rate of 1ml/min. and the detection was done at 234 nm was

developed and fully validated for the determination of Felodipine. The retention time of the drug was 3.617 min. Initially a method was developed and partially validated with parameter such as LOD & LOQ, linearity, accuracy and precision etc. Results obtained from this study indicates that the method is showing perfect linearity in the range of 25 to 200 μg/ml. LOD and LOQ were found to be 0.125 and 1.25 ng/ml, respectively. Our result from the present study also indicates that the tested Plendil contains 96.6% of Felodipine drug and passed QC successfully.

8. Molecular dynamics simulations of MODY2 mutated Glucokinase structures revealed significant conformational variations explaining reasons for hyperglycemic condition.

Nanda Kumar Y, Kalpana K, Venkateswara Swamy K, Sarma PVGK, Bhaskar M.

Int J Pharm Bio Sci 2012;3:493 -9.

Glucokinase (GK) involves in the phosphorylation of Glucose in pancreatic β-cells and liver to maintain normal blood glucose levels. Inactivating and activating mutations in GK gene can influence the affinity for glucose and leads to altered glucose levels in blood causing Maturity Onset Diabetes of the Young2 (MODY2) condition. In this study, impact of 42 MODY2 mutations on GK conformation was studied using molecular dynamics study. Simulations were carried out for intact and mutated GK structures and the correlation of their energy and RMSD (Root Mean Square Deviation) values showed significant differences. The PDB Sum analysis of simulated structure revealed the clear variation in the conformation of mutated GK structures where they showed increased α-turns, decreased β-turns and more helix-helix interactions with respect to intact GK. Such a conformational variations could affect the activity of GK and may results in hyperglycemic condition in MODY2 patients.

9. Comparison and correlation of binding mode of ATP in the kinase domains of Hexokinase family.

Nanda Kumar, Santhosh Kumar P, Sowjanya G, Koteswara Rao V, Yeswanth S, Venkateswara Prasad U, Pradeepkiran JA, Sarma PVGK, Bhaskar M.

Bioinformation 2012;8: 543-7.

Hexokinases (HKs) are the enzymes that catalyses the ATP dependent phosphorylation of Hexose sugars to Hexose-6-Phosphate (Hex-6-P). There exist four different forms of HKs namely HK-I, HK-II, HK-III and HK-IV and all of them share a common ATP binding site core surrounded by more variable sequence that determine substrate affinities. Although they share a common binding site but they differ in their kinetic functions, hence the present study is aimed to analyze the binding mode of ATP. The analysis revealed that the four ATP binding domains are showing 13 identical, 7 similar and 6 dissimilar residues with similar structural conformation. Molecular docking of ATP into the kinase domains using Molecular Operating Environment (MOE) software tool clearly showed the variation in the binding mode of ATP with variable docking scores. This probably explains the variable phosphorylation rates among hexokinases family.

10. Cloning, expression, purification and characterization of UMP Kinase from *Staphylococcus aureus*.

Hari Prasad O, Nanda Kumar Y, Reddy OVS, Chaudury A, Sarma PVGK.

Protein J 2012;31:345–52.

Uridine monophosphate kinase (UMPK) an enzyme of de novo biosynthesis catalyses the formation of UDP and it is involved in cell wall and RNA biosynthesis. In the present study UMPK of *Staphylococcus aureus* ATCC12600 was characterized. Analysis of purified UMPK by gel filtration chromatography on Sephadex G-200 indicated a molecular weight of 150 kDa and exhibited monomeric form with molecular weight

of 25 kDa in SDS-PAGE confirming homohexamer nature of UMPK in solution. The enzyme kinetics of UMPK showed K_m of $2.80 \pm 0.1 \mu\text{M}$ and V_{max} $51.38 \pm 1.39 \mu\text{M}$ of NADH/min/mg. The enzyme exhibited cooperative kinetics with ATP as substrate, as GTP decreased this cooperativity and increased affinity for ATP. The UMPK gene was amplified, sequenced (Accession number: FJ415072), cloned in pQE30 vector and over expressed in *Escherichia coli* DH5a. The purified recombinant UMPK showed similar properties of native UMPK. The UMPK gene sequence showed complete homology with pyrH gene sequence of all *S. aureus* strains reported in the database, the 3D structure of *S. aureus* UMPK built from the deduced amino acid sequence was super imposed with human UMPK (PDB ID: 1TEV) to find out the structural identity using the MATRAS programme gave an RMSD value 4.24 \AA indicating very low homology and extensive structural variations with human UMPK structure. Thus, UMPK may be a potential drug target in the development of antimicrobials.

11. Cloning, expression and characterization of NADP-dependent isocitrate dehydrogenase from *Staphylococcus aureus*.

Venkateswara Prasad U, Vasu D, Nanda Kumar Y, Santhosh Kumar P, Yeswanth S, Swarupa V, Phaneendra BV, Chaudury A, Sarma PVGK.

J Pharm Res 2012;12:27-8.

The Krebs cycle dictates oxidative and reductive conditions in *Staphylococcus aureus* and is mainly regulated by isocitrate dehydrogenase (IDH) which plays pivotal role in the growth and pathogenesis of the bacteria. In the present study, IDH gene from *S. aureus* ATCC12600 was cloned in the SmaI site of pQE 30 vector; the resultant clone was named as UVIDH1. The insert in the clone was sequenced (accession number HM067707), and the sequence showed complete homology with IDH sequence of other *S. aureus* strains reported in the database indicating presence of single enzyme in *S. aureus*, and considerable sequence homology with other bacteria was

observed; however, only 24 % homology was found with NADP-dependent human IDH. Phylogenetically, the *S. aureus* IDH showed close identity with *Bacillus subtilis* and high degree of variability with other bacteria and human IDH. The expression of IDH in the clone UVIDH1 was induced with 1 mM IPTG, and the recombinant IDH was purified by passing through nickel metal chelate column; the purified recombinant IDH showed a single band in SDS-PAGE with a molecular weight of 40 kDa; K_m and V_{max} for isocitrate are 8.2 ± 0.28 and $525 \pm 25 \mu M$ NADPH/mg/min, respectively, and for cofactor NADP $67.5 \pm 2.82 \mu M$ and V_{max} $50.5 \pm 2.12 \mu M$ NADPH/mg/min.

12. Effect of lifestyle modification and metformin therapy on emerging cardiovascular risk factors in overweight indian women with polycystic ovary syndrome.

Rajagopal G, Reddy AP, Harinarayan CV, Suresh V, Bitla AR, Srinivasa Rao PVLN, Sachan A.

Meta Syndr Relat Disord 2012;10:273-9.

Introduction: Polycystic ovarian syndrome (pcos) is common among women of reproductive age. although traditional cardiac risk factors are known to be altered and improved with short-term metformin therapy, not much is known about novel cardiac risk factors. **Objective:** The aim of this study was to evaluate the effects of lifestyle modification and short-term metformin therapy on the fasting serum lipids, homeostasis model assessment of insulin resistance (homa-ir), serum high-sensitivity c-reactive protein (hs-crP), and serum homocysteine methods: native overweight [body mass index (Bmi) $>23 \text{ kg/m}^2$] indian women diagnosed with pcos were evaluated and subjected to an oral glucose tolerance test and determination of insulin, homocysteine, hscrp, and fasting lipids levels. they were started on maximally tolerated doses of metformin along with lifestyle modification. following 3 months of therapy, they were resampled. **Results:** Out of 36 consecutive patients included, 25 women completed 3 months of metformin treatment and were eligible for repeat evaluation.

the age of study group was 22.2 ± 5 years. twenty-two (61%) women were obese ($\text{BMI} > 25 \text{ kg/m}^2$). improvement was seen in body weight, bmi, serum total cholesterol, triglycerides, high-density lipoprotein cholesterol (hdl-c), hscrp, and serum testosterone on metformin therapy. however, no improvement was seen in serum fasting insulin, homa-ir, or homocysteine. **Conclusion:** serum hscrp improved with lifestyle modification and metformin therapy for 3 months in overweight subjects from india with pcos, along with serum total cholesterol, triglycerides, and hdl-c. however, markers of insulin resistance and serum homocysteine did not improve.

13. Mutation analysis of PKD1 gene in Indian population.

Kumar BS, Sharma P, Reddy LK, Bhattaram MP, Mohan A, Kumar VS.

Saudi J Kidney Dis Transpl 2012;23:143-7.

Autosomal Dominant Polycystic Kidney Disease (ADPKD) is genetically heterogeneous. About 85 - 90% of the afflicted families have mutations of PKD1 on chromosome 16.2 This gene encodes a cell membrane protein called Polycystin - 1 (PC1). Inheritance of one mutant allele is sufficient to cause this condition. An analysis of mutations of PKD1 has revealed mainly "stop" and "frame shift" changes suggesting that the mutant allele is inactivated. Analysis of rare cases with severe ADPKD and tuberous sclerosis (TSC), which have large "deletions" disrupting (sometimes totally removing) the adjacent PKD1 and TSC2 genes indicate that a null PKD1 allele is associated with cyst development. Knockout models of PKD1 support the notion that cyst development is caused by the reduction or loss of protein. In the PKD1 del34 model, older heterozygotes have occasional cyst, whereas homozygotes die in the perinatal period with enlarged and cystic kidneys. It has been shown that at cellular level cysts develop in a recessive manner due to the second somatic hits to the normal PKD1 allele, thus, explaining the focal nature of cyst development. The present study is a part of a much larger study being done to detect

the mutations in PKD 1 gene in this part of the globe. Our study identified two new mutations in a patient with PKD1 based renal failure and is the first of its kind from India.

14. Catheter lock technique: in vitro efficacy of ethanol for eradication of methicillin-resistant staphylococcal biofilm compared with other agents.

Chaudhury A, Jayaprada R, Venkatramana B.

FEMS Immunol Med Microbiol 2012;65:305–8.

Biofilm formation in central venous catheters (CVC) is a prerequisite for catheter-related bloodstream infection (CRBSI). The catheter lock technique has been used to treat biofilm infection, but the ideal agent, concentration and the minimum exposure time necessary to eradicate the biofilms are not clearly known. In this study, biofilm-producing strains of staphylococci were used to find out the minimum biofilm eradication concentration of ethanol compared with three other conventional antibacterial agents. Eight representative methicillin-resistant staphylococci, from colonized CVCs, were studied. The biofilms were exposed to 1, 5 and 10 mg mL⁻¹ of gentamicin, ciprofloxacin and vancomycin. The ethanol concentrations used were 20%, 40% and 80%. Biofilms were examined for the presence of live organisms after exposure to these agents from 30 min to 24 h. The three antibiotics were unable to eradicate the biofilms even after 24 h, while ethanol at 40% concentration could do so for all the isolates in 1 h. Our study highlights the efficacy and rationale of using 40% ethanol for a short period as catheter lock solution to eradicate biofilms and thus to prevent CRBSI, instead of using high concentrations of antibiotics for extended period.

15. Epitrochlear Mass in a patient on maintenance hemodialysis - Kimura disease.

Yadla M, Sriram Naveen P, Sivakumar V, Sandeep Reddy Y, Sridhar AV, Krishna Kishore C, Vijayalakshmi Devi B, Lakshmi AY, Rukmangadha N.

Hemodial Int 2012;16:568-70.

Kimura disease is a rare benign inflammatory disorder presenting as subcutaneous masses or lymphnodal mass in the cervical region. Kimura Epitrochlear mass disease is reported sparsely in patients on maintenance hemodialysis. We report an unusual location of Kimura disease in a patient on maintenance hemodialysis, who had a prolonged, persistent asymptomatic eosinophilia.

16. In Silico Identification of Common Putative drug targets among the pathogens of bacterial meningitis.

Munikumar M, Priyadarshini V, Pradhan D, Swargam S, Umamaheswari A Vengamma B.

Biochem Anal Biochem 2012;1(8):100-123.

Monitoring infectious emerging diseases, especially the central nervous system infections, has become one of the important priorities in health care system. Epidemiological, serological and bacteriological studies revealed that *Streptococcus pneumoniae*, *Neisseria meningitidis*, *Haemophilus influenzae* type b and *Staphylococcus aureus* are common pathogens of bacterial meningitis. Therefore, identification of common drug targets in these pathogens would be crucial to overcome drug resistance to existing antibiotic therapy. In the present study, comparative proteome analysis, subtractive genomic approach and metabolic pathway analysis were implemented to propose common potential drug targets for pathogens of bacterial meningitis. *Streptococcus pneumoniae* was selected as reference organism, and the common proteins of the pathogens were verified for essentiality in pathogen's survival, using Database of Essential Genes (DEG). The 213 essential proteins identified were screened for human non-homology. Thirty seven unique essential proteins which are non-homologues to human were proposed as common potential drug targets for pathogens of bacterial meningitis. Pathway analysis revealed that 26 drug targets were enzymes, eight were non-enzymes, and three were conserved hypothetical proteins. Six enzymes were involved in pathways unique to the pathogens of bacterial meningitis. Furthermore, prediction of sub cellular

localization and drug prioritization of 37 proteins affirmed that the drug targets would be useful in design and discovery of novel therapeutic compounds against bacterial meningitis

17. Dural metastases in chronic myeloid leukaemia presenting as subdural haematoma.

Prasad BCM, Ramesh Chandra VV, Varaprasad G.
Turk Neurosurg 2012;22:777-8.

Subdural hematoma (SDH) has been reported in 0.5–4% of all intracranial metastatic tumors. Chronic SDH has been reported in intracranial metastases from both solid and haematological malignancies. Here we report recurrent SDH in a patient with chronic myeloid leukaemia (CML) following dural metastases. An elderly male patient a known case of CML was admitted to our casualty with symptoms of headache and altered sensorium and imaging revealed a large right fronto temporo parietal chronic SDH. This was surgically managed and histopathology of the duramater and subdural membrane confirmed infiltration with leukemic cells. The pathogenesis of chronic SDH in malignancies is multifactorial and this case report throws light on leukemic infiltration of duramater as a cause for chronic SDH other than coagulopathy.

18. The effectiveness of treating worm infestation with medication and education.

Padmaja A.

Int J Nurs Educ, 2012;4:9-13.

Background: Worm infestation is commonly seen in children, had reduced intake of food, retarded in growth rate, cognitive abilities, maldigestion, malabsorption and disturbed metabolism. **Objectives:** To evaluate (a) the prevalence of worm infestation, (b) nutritional status (c) knowledge, attitude and practices (KAP) related to worm infestation, (d) assess the effectiveness of deworming, and (e) health education among school children. **Design:** Pre experimental, one group pre test-post test design was adopted. Four hundred

recruited by convenient sampling technique. **Setting:** Municipal elementary schools in India. **Methods:** Nutritional status, KAP, perianal swab and stool samples were assessed before and after treatment with tablet albendazole 400 mg, tablet ferrous iron 20mg, folic acid 0.1mg and health education on worm infestation. Stool examination was done by using Kato Katz technique. **Results:** Overall prevalence of worm infestation was 51%, of which round worm infestation accounted for 28% of the pre test cases, hook worm infestation was 18% and pin worm infestation was 5%. Multiple worm infestation was also observed. Children were appropriately treated. In post test, 4% round worm infestation, 4% hook worm infestation and 1% pin worm infestation was found. Intervention showed significant improvement in nutritional status and health education ($P < 0.001$). **Conclusion:** Deworming, iron supplements and health education proved to reduce the prevalence of worm infestation and in turn improved the nutritional status of children.

National Journals

19. Effect of post -operative pain of intravenous clonidine given before induction of anaesthesia.

Samantaray A, Rao MH, Chandra A, Andal V

Indian J Anaesthesiology 2012;56:359-64.

Background: Treatment of acute post-thoracotomy pain is particularly important not only to keep the patient comfortable but also to minimize pulmonary complications. **Aim:** This study was designed to test the effect of pre-induction administration of clonidine, given as a single intravenous dose, on post-operative pain scores and fentanyl consumption in patients after thoracic surgery. **Setting & Design:** Tertiary referral centre. Prospective, randomized, double-blind placebo-controlled trial. **Methods:** Sixty patients were randomly allocated to receive clonidine (3mcg/kg) or saline pre-operatively before induction of Anaesthesia. The primary endpoint was pain on coughing (visual analogue scale (VAS) 0-100 mm) 120 min after surgery, time to first analgesic injection

in the post-Anaesthesia care unit (PACU) and 24-h fentanyl consumption. **Statistical Analysis:** For between-group comparisons, t-test and U-test were used as appropriate after checking normality of distribution. The incidence of complications between the groups was compared by Fisher's exact test. **Results:** The post-operative VAS for the first 120 min and the fentanyl consumption at 24 h was significantly greater in the placebo group compared with the clonidine group ($P<0.05$). The sedation score was increased in the clonidine group during study drug infusion, but did not differ significantly on admission to the PACU. **Conclusion:** A single intravenous dose of clonidine (3 mcg/kg) given before induction of Anaesthesia significantly reduced the post-operative VAS score in the initial period and fentanyl consumption during 24 h after thoracic surgery.

20. Status and association with hyperinsulinaemia and hyperandrogenism in non-obese Indian women with polycystic ovarian syndrome.

Supriya P, Bitla AR, Rajendra Prasad N, Rajagopal G, Madhusudhan Rao A, Suchitra MM, Sachan A, Srinivasa Rao PVLN.

J Clin Sci Res 2012;1:2-7.

Background: Increased body iron stores, insulin and androgen levels have been reported in obese women with polycystic ovarian syndrome (PCOS). However, the status of iron and the influence of hormonal profile on iron status in non-obese women with PCOS has not been studied. The present study was thus designed to determine the iron status and hormones insulin and testosterone levels and their association with body iron status in non-obese women patients with PCOS. **Methods:** The present study included 33 non-obese women diagnosed as PCOS based on National Institutes of Health consensus 1990 criteria and 31 age-matched healthy women as controls. Height, weight, body mass index, fasting plasma glucose, iron status markers i.e., serum ferritin, iron, total iron binding capacity, insulin and testosterone levels were determined. **Results:** A significant increase in

hormones insulin and testosterone levels ($p<0.001$) was found in patients with PCOS in comparison with controls. Similarly, a significant increase in serum ferritin levels was observed in PCOS patients compared to controls ($p<0.05$). A significant positive correlation was observed between serum insulin and testosterone levels ($p<0.05$). Similarly, a positive association was observed between serum testosterone and ferritin levels [$p=0.007$ odds ratio (OR) 7.0(1.715-28.568)]. **Conclusions:** The present study demonstrates that body iron stores, as reflected by serum ferritin concentrations, are increased even in non-obese PCOS patients. Androgen excess is associated with increased body iron stores in these patients with the possible additive effects of hyperinsulinaemia, through its perpetuating effect on increased androgens and iron-sparing effect of reduced menstrual losses.

21. Antioxidant status in patients with metabolic syndrome as measured by ferric reducing ability of plasma (frap) assay.

Bitla AR, Manasa Kumari N, Sowjanya Reddy N, Nagaraju K, Sachan A, Pradeep Kumar V, Suchitra MM, Srinivasa Rao PVLN.

J Clin Sci Res 2012;3:114-20.

Background: Oxidative stress is involved in the pathophysiology of diabetes and cardiovascular complications of metabolic syndrome. Endothelial dysfunction which is the key feature of metabolic syndrome and its vascular complications intimately linked to insulin resistance. This relationship is partly due to oxidative stress. **Methods:** Twenty five patients with metabolic syndrome (mean age 47.3 ± 2.6 years, 13 males) diagnosed on the basis of National Cholesterol Education Programme/Adult Treatment Panel (NCEP/ATPIII) criteria along with 25 age and gender matched healthy controls (mean age 42.1 ± 1.8 years, 11 males) were studied. Malondialdehyde (MDA), as an index of changes in lipid peroxidation was estimated as thiobarbituric acid reactive substances (TBARS) along with plasma total antioxidant capacity as ferric reducing ability of plasma (FRAP).

Results: A significant increase ($p=0.001$) in MDA levels in the study group was observed when compared to the control group, whereas FRAP levels were decreased in the study group compared to the control group ($p=0.001$). Among the components of metabolic syndrome hyperglycaemia, hypertriglyceridaemia, hypertension and waist circumference positively correlated with MDA levels whereas hyperglycaemia, hypertriglyceridaemia and waist circumference correlated negatively with FRAP. **Conclusions:** The findings of the present study suggest the presence of oxidative stress in patients with metabolic syndrome which further increases the cardiovascular risk in these patients. Antioxidant therapy monitored with a simple assay like FRAP would definitely add to the existing measures like reducing abdominal obesity in preventing the cardiovascular sequelae and hence CVD risk in these patients.

22. Metabolomics - the new "omics" of health care.

Kiranmayi VS, Srinivasa Rao PVLN, Aparna R.

J Clin Sci Res 2012;3:131-7.

Metabolic diseases are caused by chronic dysregulations of metabolism that differ among individuals due to interactions of the genetic and environmental influences manifesting as a particular phenotype. These are usually diagnosed with the help of individual metabolites which serve as disease biomarkers. However, single biomarker based diagnostics for metabolism-based diseases fails to identify the cause of the alteration of these surrogate markers. This is where metabolomics comes into the clinical picture as it not only helps in assessing the risk of an individual for developing a particular disease but also helps in individualizing therapy based on the metabolic defect. Metabolomics is named in line with other recently developed approaches of diagnostics, i.e., genomics and proteomics. This review provides an overview of the fundamental basic principles, the techniques involved and the applications of this new -omics of healthcare.

23. Biochemical mechanisms underlying atherogenesis.

Srinivasa Rao PVLN, Kiranmayi VS.

J Clin Sci Res 2012;1:24-34.

Atherosclerosis remains one of the major causes of death and premature disability in developed countries. Though atherosclerosis was formerly considered a bland lipid storage disease, substantial advances in basic and experimental sciences have illuminated the role of endothelium, inflammation and immune mechanisms in its pathogenesis. Current concept of atherosclerosis is that of a dynamic and progressive disease arising from injury to endothelium, also known as endothelial dysfunction and an inflammatory response to that injury. The lesions of atherosclerosis occur principally in large and medium sized arteries. Atherosclerosis affects various regions of the circulation preferentially and can lead to ischemia of heart, brain or extremities resulting in infarction.

This produces distinct clinical manifestations depending on the vessel involved. Several predisposing factors to cardiovascular diseases such as diabetes mellitus, hypertension, obesity, infections act as triggers to the development of atherosclerosis by causing endothelial dysfunction and/or promoting inflammatory response. The evolution of pathogenetic mechanisms has passed through various directions such as oxidative stress, inflammation and immune responses. It is now known that all these are not acting independently but are interrelated and getting unified in the current concept of atherogenesis. The following discussion aims at providing an insight into these developments which can help in a better comprehension of the disease and management of its clinical complications.

24. Post-prandial laboratory hypoglycaemia-apparent or real?

Chandrasekhar T, Naresh Y, Suchitra MM, Suresh V.

J Clin Sci Res 2012;3:153-4.

Sometimes laboratory reports show lower postprandial glucose than the fasting glucose in venous plasma, which may even be in the hypoglycaemic range (i.e., < 54 mg/dL), thereby giving rise to allegations of switching of the two samples or of laboratory incompetence.

Similar results may be seen in an oral glucose tolerance test (GTT). Indeed in a study¹ of 650 subjects undergoing 100 g GTT, the lower 25th centile value of 2 hour plasma glucose was 54 mg/dL, while the 5th centile value was 43 mg/dL. None had any symptoms of hypoglycaemia. This is believed to occur because of the highly efficient extraction of glucose (caused by enhanced insulin secretion in response to oral carbohydrate) by the metabolizing tissues in the postprandial state, so that the venous plasma glucose becomes low, while the arterial plasma glucose remains normal. This widened and variable arterio-venous difference in glucose in the post-prandial state makes it impossible to assign a lower cutoff for post-challenge venous plasma glucose values during the GTT, a point which was highlighted in a study² where lower post-prandial blood glucose levels were observed in healthy individuals when compared to their fasting blood glucose levels. This is not to suggest that hypoglycaemia can never occur in the postprandial state. However, in such cases the patients will have symptoms concomitant with the low venous plasma glucose readings and the symptoms will be relieved by the intake of food or glucose i.e., the Whipple's triad is fulfilled. Enhanced presumably compensatory epinephrine response produces the classic signs and symptoms of hypoglycemia such as trembling, sweating, nausea, rapid pulse, light headedness, hunger and epigastric discomfort. Therefore a diagnosis of post prandial hypoglycaemia should not be made on the basis of seemingly low blood glucose concentrations during GTT in the absence of associated symptoms of hypoglycaemia. In patients with diabetes mellitus receiving insulin secretagogues or short acting insulin, postprandial levels may be lower than fasting due to administration of the medication prior to the breakfast- the low post-prandial values correspond-

ing with the peak activity of the drug. By far the commonest cause of spontaneous postprandial hypoglycaemia is "reactive" hypoglycaemia, wherein there is initial postprandial hyperglycaemia, in response to which, the pancreas mounts a delayed and excessive insulin secretory response leading on to late postprandial hypoglycaemia. Such patients are prone to develop diabetes mellitus later. Children can have postprandial hypoglycaemia due to hereditary fructose intolerance or galactosaemia.^{3,4} Since disorders associated with spontaneous post prandial hypoglycaemia are rare, such a diagnosis should be made with caution i.e., only after confirming the presence of Whipple's triad and ruling out the use of insulin or sulphonylureas. This will avoid costly investigations and inappropriate therapy.

25. Docking and molecular dynamics simulations studies of human protein kinase catalytic subunit alpha with antagonist.

Sandeep S, Priyadarshini V, Pradhan D, Munikumar M, Umamaheswari A.

J Clin Sci Res 2012;1:15-23.

Background: Cyclic adenosine monophosphate (cAMP) dependent protein kinase A plays major role in cell signalling to undergo many cellular functions. Over expression of extracellular cAMP dependent protein kinase catalytic subunit alpha (PRKACA) causes severe tumorigenesis in prostate. Thus, computer aided high throughput virtual screening and molecular dynamics simulations studies were implemented to identify the potent leads for human PRKACA. **Methods:** The human PRKACA crystal structure was optimized in Maestro v9.2. Fifteen recently published PRKACA inhibitors were selected for compiling 5388 structural analogs from Ligand.Info database, these were prepared using LigPrep. Molecular docking from lesser to higher stringency towards minor steric classes was applied subsequently to the prepared ligand dataset into PRKACA active site using Glide v5.7. Molecular dynamics simulation studies were done using Desmond v3.0 to predict the activity of

PRKACA-leptosidin complex. **Results:** Twenty lead molecules were identified. Lead-1 was observed to have relatively the least docking score compared to the identified lead molecules and 15 published inhibitors. The PRKACA- leptosidin complex deciphered that leptosidin blocked the active site residues Thr-51, Glu-121, Val- 123, Glu-127 and Thr-183 directly through intermolecular hydrogen bonds. In molecular dynamics simulations, trajectory analysis also showed existence of water bridges between PRKACA and leptosidin. **Conclusions:** Docking and molecular dynamics studies revealed the better binding interaction of leptosidin with PRKACA. Leptosidin is having the better pharmacological properties thus it could be a futuristic perspective chemical compound for prostate cancer therapy.

26. Differential Expression of ADH and ALDH2 can be a Diagnostic Marker in Gastroesophageal Cancer.

Srikanth L, Ramaiah J, Venkatesh K, Sriram P, Tejachandra G, Kannan T, Sarma PVGK.

Curr Trends Biotechnol Pharm 2012;6:112-8.

Acetaldehyde interacts covalently with DNA to form major stable acetaldehyde-DNA adduct N2- ethyl-2'- de-oxyguanosine, which may be critical initiating event in the multistage process of chemical carcinogenesis primarily observed in gastroesophageal cancers. In the present study, RT-PCR experiment results showed increased expression of ADH and decreased expression of ALDH2 in GE cancerous conditions when compared with the normal GE tissue indicating the variation in the catabolism of acetaldehyde to acetate in the cancerous tissue. These results were further corroborated by enzyme assay where increased ADH enzyme activity was observed (0.445 ± 0.02 iM/ml/minute) in cancerous tissue compared to normal tissue (0.335 ± 0.01 iM/ml/minute) whereas; ALDH2 enzyme activity (0.15 ± 0.01 iM/ml/minute) decreased appreciably in cancerous tissue and compared to normal tissue (0.356 ± 0.04 iM/ml/minute). Further, SDS-PAGE results too indicated differential expression of 40KD

and 55KD proteins in normal and in GE cancerous tissue. Therefore, detection of ADH and ALDH2 expression levels in alcoholics will assist in the early diagnosis of gastro esophageal cancers.

27. Classification of neural network structures for breast cancer diagnosis.

Swathi S, Rizwana S, Anjan Babu G, Santhosh Kumar P, Sarma PVGK.

Int J Comp Sci Commun 2012;3:227-31.

Breast cancer diagnosis has been approached by various machine learning techniques for many years. Here we can study the performance of different Neural Network structures: Radial Basis Function(RBF), General Regression Neural Network(GRNN), Probabilistic Neural Network (PNN), Multi layer Perceptron model and Back propagation Neural Network(BPNN), are examined on the Wisconsin Breast Cancer Data (WBCD). This paper present the results of comparison among these networks and the classification results have indicated that the Back Propagation Neural Network gave good diagnostic performance of 99.28%.

28. Validated High performance liquid chromatography (HPLC) Method for the Estimation of Cefuroxime axetil.

Santhosh Kumar P, Jayanthi B, Abdul K, Prasad UV, Nanda Kumar Y, Sarma PVGK.

Res J Pharm Biol Chem Sci 2012;3:223-8.

Cefuroxime axetil (CFA) is the oral prodrug formulation of the injectable antibiotic cefuroxime sodium. It is the second generation cephalosporin with both an intravenous and oral formulation. CFA is the 1-acetoxyethyl ester of cefuroxime. A rapid and reproducible High Performance Liquid Chromatographic method has been developed for the estimation of CFA in its pure form as well as in pharmaceutical dosage forms. Chromatography was carried out on an ODS C18column (150 x 4.6 mm x 5 μ m length), using a mixture of 0.05% methanol and 0.01M potassium dihydrogen orthophosphate buffer (pH-2.0 (60:40 v/v) as the mobile phase at

a flow rate of 0.8 mL/min and the detection was done at 248 nm was developed and fully validated for the determination of CFA. The retention time of the drug was 3.693 min. The method produced linear responses in the concentration range of 0.45 to 80 µg/mL of CFA. Developed HPLC method was sensitive with LOD= 0.26 µg/mL⁻¹ and LOQ= 0.58 µg/mL⁻¹

29. pH optimization and production of high potent cellular vaccine by *Bordetella pertussis*.

Venkatesh K, Reiner G, Debral AK, Kirpan P, Reers M, Murthy PVVS, Swarupa V, Srikanth L, Sarma PVGK.

Int J Biotechnol Bioeng Res 2012;3:17-25.

The aim of this work is to study the effect of pH on the growth of two different pertussis strains in both verwey and B2 medium and optimize the pH for the effective high efficacious cellular vaccine. The pH optima for *Bordetella* growth were 7.0-7.5 for the both strains (509, 134), and upper limit for their growth was at pH 8.0. At minimum pH ranges 6.0-6.5 growth were found poorly. The samples of pH 7.0 prove the high potency of 4.87 IU/SHD against the challenge strain of 18323 and also observing the high opacity of 200 IOU/mL, and showing the culture optical density at 590nm is 1.72. The different pH of the media was studied out and potency of the pertussis cellular vaccine has been consistently observed at pH 7.0. Further this exploration will aid in offer a vaccine effective to various *Bordetella* species which causing whooping cough.

30. Isolation, purification and characterization of pyruvate kinase from *Staphylococcus aureus*: a potential drug target.

Venkatesh K, Srikanth L, Swarupa V, Yeswanth S, Prasad UV, Vasu D, Vishnuvardhan GP, Srinivas P, Santhoshkumar P, Sowjanya G, Nandakumar Y, Chaudury A, Sarma PVGK.

J Clin Sci Res 2012; 1:76-82.

Background: With emergence of multidrug-resistant strains of *Staphylococcus aureus*, there is

an urgent need for the development of new antimicrobials which are narrow and pathogen specific. In this context, pyruvate kinase (PK) an important enzyme in the glycolysis, which catalyses the formation of pyruvate which is the key intersection in the network of metabolic pathways was isolated and purified from *Staphylococcus aureus* ATCC12600. **Methods:** Purification steps included 10%-20% ammonium sulphate fractionation, diethyl aminoethyl cellulose ion exchange chromatography followed by gel filtration on Sephadex G-100. The pure PK molecular weight was determined by sodium dodecyl sulfate polyacrylamide gel electrophoresis (SDS-PAGE) and K_m and V_{max} for the PK was demonstrated. **Results:** The pure PK obtained from Sephadex G-100 gel filtration column exhibited K_m of 0.78 ± 0.18 M and V_{max} 76.47 ± 0.82 M NADH/mg/min and molecular weight of 250 kDa in solution. However, in SDS-PAGE showed single band with a molecular weight of 63 kDa confirming the homotetramer nature. In all steps of purification the K_m remained constant indicating presence of only one kind of enzyme. The PK gene searched in the genomic sequences of *Staphylococcus aureus* also confirmed the same. **Interpretation and Conclusions:** In *Staphylococcus aureus* presence of only one kind of PK unlike in other Gram positive bacteria exhibiting distinct differences in enzyme kinetics. This enzyme also showed the functionality of PK is found to be different from its human host. Therefore, PK probably is regarded as an ideal drug target in the development of new potent antimicrobials.

31. Molecular docking assessment of pyridone derivatives as glucokinase activators.

Nanda Kumar Y, Pradeep Kiran JA, Santhosh Kumar P, Yeswanth S, Kalpana K, Koteswara Rao V, Sarma PVGK, Bhaskar M.

J Clin Sci Res 2012;1:163-73.

Background: Mutations in glucokinase (GK) gene results in maturity onset diabetes of the young 2 (MODY2). It has been observed that GK activators (GKAs) can activate GK structure and promote

glucose phosphorylation and bring blood glucose levels to normal condition. The present study is aimed to identify the binding mode of pyridone derivatives (PDs) as GKAs through molecular docking study. **Methods:** GK structure was retrieved from the Protein Data Bank (PDB), protonated and energy minimized. A database was constructed with 29 PDs and docked into the allosteric site specified with Y61, R63, S69 and Y215 residues using Molecular Operating Environment (MOE) software. Docking conformations were generated using triangle match algorithm and ranked by London dG scoring function. The binding orientations and strength of interactions were evaluated by ligand interaction module of MOE. **Results:** Molecular docking of 29 PDs in allosteric site of GK gave reliable docking scores, interestingly arene cationic interactions were observed with the compounds PD1, PD12, PD20 and PD21. R63 residue of allosteric site played a predominant role in binding with PDs. **Conclusions:** PDs can be potentially useful agents in future management strategies of type 2 diabetes mellitus.

32. High sensitivity C-reactive protein levels across spectrum and severity of coronary artery disease.

Guruprasad S, Rajasekhar D, Subramanyam G, Srinivasa Rao PVLN, Vanajakshamma V, Latheef K.

J ClinSci Res 2012;1:126-30.

Background: C-reactive protein (CRP) is an acute-phase reactant protein synthesized by the liver in response to acute stress in a wide range of acute and chronic inflammatory conditions. In healthy subjects and patients presenting with coronary artery disease (CAD), elevated levels of CRP has repeatedly been demonstrated to predict future cardiovascular events. **Methods:** We measured high sensitivity C-reactive protein (hs-CRP) levels in 382 consecutive patients with CAD and 60 healthy controls by immunoturbidimetry method. Risk factors like hypertension, diabetes mellitus, dyslipidaemia, smoking, obesity and family history

of premature CAD were assessed. **Results:** The mean age of patients with CAD was 53.5 ± 11.8 years (303 males) and that of control group was 50.83 ± 8.07 (28 males). The patient group had significant higher concentration of mean hs-CRP levels when compared with the healthy control group (1.8 ± 1.9 mg/L vs 0.35 ± 1.1 mg/L, $p < 0.001$). The mean hs-CRP levels of unstable angina (USA) and myocardial infarction (MI) patients was higher than chronic stable angina (CSA) patients ($p < 0.05$). Based on the disease severity, we found a significantly higher hs-CRP levels in patients of triple vessel disease when compared to patients with single vessel disease ($p = 0.01$). **Conclusions:** Elevated serum hs-CRP levels provide a useful marker for cardiovascular risk which, when combined with traditional risk factors, may help improve global risk prediction. Our study showed a significant contribution of hs-CRP to coronary risk prediction with better discrimination.

33. Effect of percutaneous mitral balloon valvuloplasty on left atrial appendage function: transesophageal echo study.

Ganeswara Reddy V, Rajasekhar D, Vanajakshamma V.

Indian Heart J 2012; 64:462-8.

Background: To compare left atrial appendage (LAA) function by Doppler and Doppler tissue imaging (DTI) before and after percutaneous balloon mitral valvuloplasty (PBMV). **Materials and Methods:** Fifty-nine patients with symptomatic rheumatic mitral stenosis who underwent PBMV were included in this study. LAA function was measured before and after PBMV. To study LAA function, LAA late emptying (LAALE) velocity, LAA late filling (LAALF) velocity, and LAA area change percentage (LAAAC %) were measured. In the DTI study, tissue Doppler velocities of the LAA, including peak early diastolic (E(LAA)), peak late diastolic (A(LAA)), and peak systolic (S(LAA)), were measured. **Results:** There was significant increase in LAALE velocity, LAALF velocity, E(LAA), A(LAA), S(LAA) waves measured by Doppler and DTI after PBMV compared with baseline ($p < 0.001$) but

there was no significant change in LAAAC% ($p =$ not significant). Spontaneous echo contrast was present in 10 of the 59 patients before the procedure. It completely disappeared (6 patients) or decreased (4 patients) after PBMV.

Conclusions: Our results suggest that PBMV improves LAA function and, thereby, may have a favorable influence on future thromboembolic complications.

34. Correlation of coronary artery disease angiographic severity with intima-media thickness of carotid artery.

Latheef K, Praveen M, Vanajakshamma V, Rajasekhar D.

J Indian Coll Cardiol 2012;2:144-9.

Background: Carotid arterial intima-media thickness (IMT) has been a good indicator of the presence and extent of coronary artery disease (CAD) in observational studies. Since treadmill testing and stress echocardiography can have limited specificity in diagnosing CAD, other methods are required. **Methods:** B-mode ultrasound examinations were performed with Philips Sonos 7500, frequency of 7.0 MHz linear array transducer in order to calculate IMT. All the patients were catheterized percutaneously via the femoral vessels with standard Judkins technique. Angiographic scoring was performed by observers who were blinded to the carotid IMT scores. **Results:** The extent and severity scores for CAD were all positively correlated ($p < 0.0001$ in every case). A significant, nearly linear correlation between IMT and advancing CAD ($p < 0.0001$) was found. Patients with one, two and three-vessel CAD had significantly higher IMT than the patients without CAD. It was also found that the mean IMT values were more in patients (1.46 mm) with higher score (>20) of CAD than in patients with normal coronaries (0.73 mm). The extent score of CAD was found less (10.40%) in patients with normal IMT than in patients with elevated IMT (44.70%, $p < 0.05$). The univariate logistic regression analysis showed that increased IMT levels were associated with severity and extent of atherosclerosis.

Conclusion: There is a strong correlation between carotid atherosclerosis and coronary atherosclerosis, and carotid IMT is a good predictor of presence and extent of CAD, hence it can be used as a marker in the prediction of pre-clinical atherosclerosis and CAD

35. Factor V Leiden mutation is not a predisposing factor for acute coronary syndromes.

Himabindu G, Rajasekhar D, Latheef K, Sarma PV, Vanajakshamma V, Chaudhury A, Bitla AR.

Indian Heart J 2012;6:570-5.

Background: The prevalence of Coronary artery disease (CAD) in India has increased considerably over the past few years and could become the number one killer disease if interventions are not done. Factor V Leiden (FVL) mutation and FII G20210A polymorphism are two recently described genetic factors with a propensity towards venous thrombosis. This warrants the investigations for thrombophilia in myocardial infarction patients in India. **Methods:** The study cohort consisted of 51 patients aged below 50 years presenting with acute coronary syndromes. In both patient group and normal individuals the major risk factors Protein C deficiency, Protein S deficiency, anticardiolipin antibodies, Fibrinogen and Lipoprotein [a] were studied. Factor V Leiden (FVL) G1691A mutation in both control and patient group was looked by using Polymerase chain reaction (PCR) followed by sequencing of the PCR products. **Results:** Our results indicated significantly higher levels of anticardiolipin antibodies and fibrinogen in the patients and absence of FVL (G1691A) mutation in our study cohort. One of the patients (H5) showed insertion of an extra A nucleotide in exon 10 of the Factor V gene resulting in frame shift mutation in this patient. **Conclusion:** The results of present study showed absence of FVL mutation in our population. However, there is a need to confirm the above findings on patients from different populations from different parts of the country. The insertion of an extra A in exon 10 in the patient needs to be ascertained

to confirm that it is one of its kinds or is prevalent in the population.

36. An unusual case of native tricuspid valve endocarditis and sepsis in a child with structurally normal heart mimicking bronchopneumonia.

Rajasekhar D, Vanajakshamma V, Shashanka C, Srinivas Kumar ML, Sarath Babu D.

J Clin Sci Res 2012;1:97-100.

Right sided infectious endocarditis (IE) by involvement of tricuspid valve is mainly associated with cardiac malformations or intravenous drug use. Occurrence of right-sided IE in children with structurally normal heart is exceptionally rare. We report the case of 9-year-old child presenting with bronchopneumonia and septicemia who was diagnosed to have native tricuspid valve staphylococcal endocarditis and was successfully treated.

37. Anomalous right coronary artery arising from left anterior descending artery.

M.L. Sreenivas Kumar, D. Rajasekhar, V. Vanajakshamma, C. Shashanka

J Clin Sci Res 2012; 1(3):144-7.

A 54-year-old male patient presented with acute myocardial infarction involving left anterior descending and right coronary artery territories. Coronary angiogram showed a single coronary artery with right coronary artery arising from left anterior descending artery (LAD), which coursed anterior to right ventricular outflow tract and thrombotic lesion in mid left anterior descending artery before origin of right coronary artery. The patient was treated with thrombolytic therapy and glycoprotein IIb/IIIa inhibitors. Anomalous origin of right coronary artery as a branch of LAD is a very rare type of congenital coronary artery anomalies. It is important to recognize this anomaly as it can be associated with extensive myocardial ischemia and sudden cardiac death in young persons even without atherosclerosis.

38. A rare coronary anomaly: Intercoronary communication between the circumflex and right coronary arteries.

Shashanka C, Rajasekhar D, Vanajakshamma V, Srinivas Kumar ML.

J Indian Coll Cardiol 2012;2:167-9.

Intercoronary communication is a very rare coronary anomaly that is of congenital origin. We report the case of a 41-year old female with intercoronary arterial continuity, who presented with symptomatic stable angina. ECG and echocardiography were normal. Exercise electrocardiography showed ST depression in inferior and lateral leads. No atherosclerotic plaque in the coronary arteries was detected on coronary angiography. However, a unidirectional intercoronary communication between the circumflex and right coronary arteries, was observed. Although intercoronary communication is generally not related with ischaemia, ischaemic symptoms and exercise ECG changes of this case suggested that unidirectional flow might cause myocardial ischaemia via coronary steal. Consequently, intercoronary communication, a very rare coronary anomaly and a cause of ischaemia, is discussed in this case report.

39. Bone disease in thyrotoxicosis.

Amaresh Reddy P, Harinarayan CV, Sachan A, Suresh V, Rajagopal G.

Ind J Med Res 2012;13:277-86.

Thyrotoxicosis, a clinical syndrome characterized by manifestations of excess thyroid hormone, is one of the commonly recognised conditions of the thyroid gland. Thyrotoxicosis causes acceleration of bone remodelling and though it is one of the known risk factors for osteoporosis, the metabolic effects of thyroxine on bone are not well discussed. Studies show that thyroid hormones have effects on bone, both in vitro and in vivo. Treatment of thyrotoxicosis leads to reversal of bone loss and metabolic alterations, and decreases the fracture risk. There are limited studies in India as to whether these changes are fully reversible. In

this review we discuss about the effects of thyrotoxicosis (endogenous and exogenous) on bone and mineral metabolism, effects of subclinical thyrotoxicosis on bone and mineral metabolism and effects of various forms of treatment in improving the bone metabolism.

40. Effect of block-replacement regimen on bone mineral density and biochemical markers in patients with thyrotoxic bone disease.

Amaresh Reddy P, Harinarayan CV, Suresh V, Rajagopal G, Krishna Tilak T, Suchitra MM, Srinivasa Rao PVLN, Sachan A, Kalawat TC.

J Clin Sci Res 2012;1:60-70.

Introduction: Abnormal bone metabolism in patients with thyrotoxicosis is well documented, but time-course of recovery remains poorly understood. **Objective:** To evaluate changes in bone density and bone metabolic parameters in thyrotoxicosis before and after therapy. **Methods:** Forty patients with thyrotoxicosis (11 males; mean age 35.5 ± 9.9 years) rendered euthyroid with methimazole and maintained on block-replacement therapy were followed up for six months at a tertiary care setting. Of these, 21 had completed follow-up evaluation. Bone mineral density (BMD) at lumbar spine (LS), hip and biochemical markers were estimated before and after therapy. **Results:** At LS, 21% women and 35% men had a Z score less than -2. At the neck of femur (NOF), 17% women and 18% men had Z score less than -2. LS was more severely affected ($p < 0.001$). BMD was similar among patients who were 25-hydroxy vitamin D [25(OH)D] deficient, [25(OH)D < 20 ng/mL (< 50 nmol/L)], insufficient [25(OH)D $20 - 30$ ng/mL ($50-75$ nmol/L)] or sufficient [25(OH)D > 30 ng/mL (> 50 nmol/L)]. Serum T4 correlated negatively with Z-scores at LS, NOF, trochanter and Ward's area. There was improvement in BMD ($p < 0.01$) and Z scores ($p < 0.01$) at all levels post-treatment with higher increase at NOF ($p = 0.046$). A significant decrease in serum calcium, 24 hour urinary calcium and phosphate and the fractional excretions of calcium and phosphate was also seen, while serum

N-tact PTH levels increased. **Conclusions:** Correction of hyperthyroidism plays a pivotal role in improving the BMD and biochemical parameters in mineral density in thyrotoxicosis.

41. Varied presentation of hyperinsulinaemic hypoglycaemia.

Rajagopal G, Amaresh Reddy P, Satish P, Suresh V, Harinarayan CV, Pawan MN, Sreedhar Babu KV, Lakshmi AY, Sachan A.

J Clin Sci Res 2012;1:43-5.

Hypoglycaemia is a fairly common clinical entity, mainly due to its high prevalence as a complication of therapy for diabetes. Spontaneous hypoglycemia with unsuppressed plasma insulin is a relatively uncommon endocrine disorder. We are reporting three cases of hyperinsulinemic hypoglycaemia due to insulinomas which include insulinoma presenting as seizures and abnormal behaviour in an adolescent boy, insulinoma presenting in the postpartum period and insulinoma developing in women with Type II Diabetes mellitus.

42. Effect of oral hypoglycaemic agents on bone metabolism in patients with type 2 diabetes mellitus.

Siddhartha Kumar B, Ravi Sankar A, Sachan A, Prabath Kumar D, Katyarmal DT, Sarma KVS.

J Clin Sci Res 2012;1:83-92.

Diabetes mellitus (DM) and osteoporosis are the two important public health problems in India. The burden of both these conditions is expected to increase in the near future in view of changing lifestyle habits and ageing population. Indians are at risk of osteoporosis due to their low body mass index (BMI), genetic predisposition and nutritional factors. The diseases type 1 DM and type 2 DM (T2DM) are associated with increased fracture risk in the disease population, in spite of difference in the bone mineral density (BMD). An increase in fracture risk is also reported among older patients with T2DM despite frequently reported normal or increased BMD. Administration of insulin stimulates osteoblast activity and bone mineral

apposition rates. The impact of endogenous insulin production, insulin sensitivity, and exogenous insulin administration as an anabolic agent for bone in T2DM has not been clarified. Biguanides and sulphonylureas do not appear to have adverse effects on BMD. Preclinical evidence suggests that incretin-based drugs may be beneficial for bone, but clinical evidence to support this hypothesis is not yet available. Thiazolidinedione (TZD) group of agents have been implicated in causing osteoporosis in various animal studies and some human studies available till date. The debate regarding this issue is still ongoing. Randomized controlled studies with larger sample size preferably involving multiple centres, multiple ethnicities are required to answer these queries.

43. Evaluation of immunochromatographic and ELISA methods in detection of anti-HCV antibodies among healthy blood donors: a pilot study.

Sreedhar Babu KV, Chaitanya Kumar IS, Yashovardhan A, Suresh Babu B, Verma A, Jothi Bai S.

J Clin Sci Res 2012; 1:110-1.

Blood transfusion services are a vital part of modern health care system. With every unit of blood there is 1% chance of transfusion associated problems including transfusion transmitted infectious disease acquisition. In modern blood banks, enzyme linked immunosorbent assay (ELISA) method is the recommended and preferred screening method for detecting anti-HCV immunoglobulin G (IgG) antibodies. The rapid immunochromatographic test was found to have sensitivity, specificity, positive-predictive value and a negative predictive value of 0%, 99.9%, 0% and 99.3% respectively. None of the samples that tested reactive by ELISA could be detected by the rapid method. Results of the present study showed that the sensitivity of rapid immunochromatographic test kits used for anti-HCV antibodies screening was significantly low and the rapid tests are inferior compared to ELISA.

44. Para-Bombay phenotype - report of a rare blood group.

Yashovardhan A, Chaitanya Kumar IS, Sreedhar Babu KV, Suresh Babu B, Verma A, Siddhartha Kumar B, Jothi Bai S.

J Clin Sci Res 2012;3:141-3.

The blood sample of a 54-year-old male patient who presented with signs and symptoms suggestive of anemia was submitted to the Blood Bank for blood grouping and cross-matching. In forward grouping, no agglutination was observed with A, B and AB antisera, but agglutination was noticed with D antiserum (Group O). In reverse grouping, there was agglutination in tube labeled A and no agglutination in tubes B and O (Group B) resulting in discrepancy between forward and reverse grouping. Further testing confirmed that the individual's blood group was Para-Bombay B (Para-BH), which is a rare entity. The Para-Bombay phenotype is very rare. Only a few cases of Para-Bombay were reported in India till now and none from Andhra Pradesh. This entity is characterized by the absence of H, A and B antigens on the red cells but their presence in saliva and secretions of gastrointestinal and genitourinary tracts. Proper identification of this phenotypes very important; otherwise this particular blood group may be mislabeled as group O.

45. HIV seropositivity and its ethical implications in blood donors in a tertiary care hospital of Andhra Pradesh.

Chaitanya Kumar IS, Sreedhar Babu KV, Yashovardhan A, Jothi Bai DS.

J Clin Sci Res 2012;1:8-14.

Background: Blood is a scarce, but lifesaving resource; it is also the most efficient vehicle for the transmission of human immunodeficiency virus (HIV). Hence there is a need for accurate screening of HIV among blood donors. The present study was designed to assess the seroprevalence of HIV, among the blood donors in a tertiary care hospital, Andhra Pradesh. **Methods:** Prospective study over a period of one year. A total of 5,329 donor blood

samples were screened for HIV status using enzyme linked immunosorbent assay. The reactive samples have been tested again twice using different kits. The samples reactive all three times were considered positive. The samples which were positive only in first test were labelled as false positive. **Results:** Out of 5,329 blood donors screened, 27 (0.5%) were initially reactive and 15 (0.28%) were reactive after triple testing. **Conclusions:** Our study showed similar HIV seroprevalence as that reported by National acquired immunodeficiency syndrome control organization statistics. But there was a mild increase in HIV prevalence among rural donors in our region compared to the urban donors

46. The prevalence of A2 and A2B subgroups in blood donors at a tertiary care teaching hospital blood bank of Rayalaseema region: a pilot study.

Chaitanya Kumar IS, Yashovardhan A, Suresh Babu B, Anju Verma, Sreedhar Babu KV, Jothi Bai, DS.

J Clin Sci Res 2012; 1:50.

Polymorphisms in the genes coding for A gene leads to subgroups of A. No published data regarding the prevalence of subgroups of A blood group in Andhra Pradesh, India is available. The importance of subgrouping is that the A antigens in various subgroups may differ both quantitatively and qualitatively¹. Some individuals with blood groups A2, A3, Ax, Ae1, Aend, A2B etc., have anti-A1 antibodies and may present problems in blood grouping. At our center, the typing of A subgroup of all blood donors was done using commercial anti A1 lectin, anti-A and anti-AB antisera as per the manufacturer's instructions. On analysis of a total of 5,505 blood groupings over a period of one year, the prevalence of A2 and A2B sub groups was found to be 0.85 percent and 1.21% in blood donors respectively. By including a much larger population, the frequency of other A subgroup antigens can also be estimated.

47. Metastatic Brachial Plexopathy In Breast Cancer.

Kannan T, Sivaram Naik G, Sridhar Babu K V, Vijayalakshmi B.

J Clin Sci Res 2012;1:196-8.

We report the case of a 29-year-old woman previously treated for breast cancer who presented 3 years later with pain weakness and burning sensation in the left upper limb of one month duration. Electroneuromyography showed reduced sensory nerve action potential (SNAP) amplitude and reduced conduction velocity in left median nerve sensory conduction, Magnetic resonance imaging (MRI) of brachial plexus revealed nodular thickening of trunks and cords of left brachial plexus, suggesting metastasis. Ultrasonography guided fine needle aspiration cytology confirmed the presence of metastatic ductal cell carcinomatous deposits. Brachial plexopathy due to metastases from breast cancer is a rare entity, and should be kept in mind while evaluating patients with breast cancer

48. Cancer and Tuberculosis.

Harikrishna J, Sukhaveni V, Prabhat Kumar D, MohanA.

J Indian Acad Clin Med 2012;13:142-4.

Lung cancer and pulmonary tuberculosis (TB) are two major public health problems. The association of cancer and TB is intriguing and diverse. Clinicians often encounter patients with co-existent lung cancer and pulmonary TB. These patients may be lung cancer developing active pulmonary TB; or occurrence of cancer in patients treated for pulmonary TB. Chronic inflammation due to TB is thought to be responsible for the genesis of cancer. Co-existence of cancer and TB often causes a delay in the diagnosis. Patients with cancer are vulnerable to develop active TB because of immunosuppression due to malnutrition, or due to the use of intensive treatment modalities, such as aggressive chemotherapy. A high index of clinical suspicion and a focused diagnostic approach is essential to establish the diagnosis early.

49. Challenges in the diagnosis and treatment of Miliary Tuberculosis.

Sharma SK, Mohan A, Sharma A.

Indian J Med Res 2012;135:703-30.

Miliary tuberculosis (TB) is a potentially lethal disease if not diagnosed and treated early. Diagnosing miliary TB can be a challenge that can perplex even the most experienced clinicians. Clinical manifestations are nonspecific, typical chest radiograph findings may not be evident till late in the disease, high resolution computed tomography (HRCT) shows randomly distributed miliary nodules and is relatively more sensitive. Ultrasonography, CT and magnetic resonance imaging (MRI) are useful in discerning the extent of organ involvement by lesions of miliary TB in extra-pulmonary locations. Fundus examination for choroid tubercles, histopathological examination of tissue biopsy specimens, conventional and rapid culture methods for isolation of *Mycobacterium tuberculosis*, drug-susceptibility testing, along with use of molecular biology tools in sputum, body fluids, other body tissues are useful in confirming the diagnosis. Although several prognostic markers have been described which predict mortality, yet untreated miliary TB has a fatal outcome within one year. A high index of clinical suspicion and early diagnosis and timely institution of anti-tuberculosis treatment can be life-saving. Response to first-line anti-tuberculosis drugs is good but drug-induced hepatotoxicity and drug-drug interactions in human immunodeficiency virus/acquired immunodeficiency syndrome (HIV/AIDS) patients pose significant problems during treatment. However, sparse data are available from randomized controlled trials to define the optimum regimen and duration of treatment in patients with drug-sensitive as well as drug-resistant miliary TB, including those with HIV/AIDS.

50. Disseminated tuberculosis in a patient with systemic lupus erythematosus.

Harikrishna J, Sivaram Naik G, Aparna Reddy S, Prabhath Kumar D, Siddhartha Kumar B, Vijayalakshmi Devi B, Rukmangadha N, Mohan A.

J Clin Sci Res 2012;1:199-203.

Systemic lupus erythematosus (SLE) is a systemic autoimmune disorder. Intercurrent infections and nephritis are important causes of mortality in SLE. Among infections, tuberculosis (TB) is of particular importance as SLE patients are more susceptible to develop active TB, prior TB can precipitate SLE in genetically susceptible individuals and similar clinical presentations of SLE flare and TB may lead to delayed diagnosis. We report a patient with SLE, who developed disseminated TB. The present case highlights the importance of a high index of suspicion and focused evaluation in the diagnosis of intercurrent infections, particularly TB in patients with SLE

51. Isolation, speciation and antibiogram of Clinically relevant non-diphtherial *Corynebacteria* (diphtheroids).

Srikant Reddy B, Chaudhury A, Kalawat U, Jayaprada R, Satish K, Ramana BV

Indian J Med Microbiol 2012;30:52-7.

Purpose: Coryneform or the non-diphtherial *Corynebacterium* species largely remains a neglected group with the traditional consideration of these organisms as contaminants. This concept, however, is slowly changing in the light of recent observations. This study has been done to find out the species distribution and antibiogram of various members of the clinically relevant Coryneform group, isolated from various clinical materials. **Materials and Methods:** One hundred and fourteen non-duplicate isolates of diphtheroids from various clinical isolates were selected for the study. The isolates were identified to the species level by using a battery of tests; and antimicrobial susceptibility was tested by using a combination of Clinical and Laboratory Standards Institute (CLSI) and the British Society for Antimicrobial Chemotherapy (BSAC) guidelines, in the absence of definitive CLSI guidelines.

Results: *Corynebacterium amycolatum* was the predominant species (35.9%) in our series followed by the CDC Group G organisms (15.7%). Each of the remaining 19 species comprised of less than 10% of the isolates. More than half the total isolates

were resistant to the penicillins, erythromycin, and clindamycin; while excellent activity (all the strains being susceptible) was shown by vancomycin, linezolid, and tigecycline. Chloramphenicol and tetracycline also had good activity in inhibiting more than 80% of the isolates. Multiply drug resistance was exhibited by all the species. **Conclusion:** This study was an attempt to establish the clinical significance of coryneform organisms. The high level of resistance shown by this group to some of the common antibacterial agents highlights the importance of processing these isolates in select conditions to guide the clinicians towards an appropriate therapy.

52. Successfully treated *Curvularia lunata* peritonitis in a peritoneal dialysis patient.

Kalawat U, Reddy GS, Sandeep Y, Ram Naveen P, Manjusha Y, Chaudhury A, Siva Kumar V.

Indian J Nephrology 2012;22:318-9.

Fungal peritonitis is a rare but serious complication of peritoneal dialysis (PD) and is associated with significant mortality. It accounts for approximately 2–7% of PD-related peritonitis, which is difficult to clear, can result in catheter loss, and can frequently lead to conversion to hemodialysis. Fungal peritonitis usually follows the episode of bacterial peritonitis treated with antibiotics. The most common causative agent for fungal peritonitis is *Candida* species. But these days several other yeasts and filamentous fungi are increasingly being reported. We report herein a patient of CAPD peritonitis with *Curvularia lunata* and its management

53. Prevalence of uropathogens in diabetic patients and their resistance pattern at a tertiary care center in south India.

Ramana BV, Chaudhury A.

Int J Biol Med Res. 2012;3:1433-5.

Urinary tract infection (UTI) is a common infection observed in diabetic patients. *Escherichia coli* are the most common bacterial pathogen causing urinary infection in diabetics, other organisms being *Klebsiella pneumoniae*, *Proteus*

mirabilis and *Pseudomonas aeruginosa*. Among the 1200 diabetic patients, a total of 630 pathogens were isolated. Gram negative bacilli were found to be more sensitive than gram positive cocci to amikacin (65vs29%). Gram positive cocci (67%) were found to be more sensitive to cefotaxime than gram negative bacilli (55%), whereas gram negative bacilli (65%) were more sensitive than gram positive cocci (49%) to ceftizoxime. *Escherichia coli* was commonly isolated; the gram negative pathogens were highly sensitive to sulbactam / cefoperazone and piperacillin / tazobactam. Diabetic patients are at a high risk of development of UTIs, so continued surveillance of resistance rates among uropathogens is needed to ensure appropriate recommendations for the treatment of these infections.

54. Pan-resistance among gram-negative clinical isolates at a tertiary care hospital in South India.

Jayaprada R, Abhijit Chaudhury, Venkataramana B, Shobha Rami A.

J Clin Sci Res 2012;3:121-5.

Background: The emergence of multi and pan resistance among Gram negative bacteria in the last decade has forced the medical community in using infrequently used antimicrobials in treating these infections. **Methods:** The present study was designed to look into the activity of certain older antimicrobial agents against Gramnegative clinical isolates resistant to all common antibiotics including carbapenams. Members of enterobacteriaceae family, *Acinetobacter* species and *Pseudomonas aeruginosa* isolated and identified in our laboratory during 2011 were included in the study. The antimicrobial susceptibility testing was done as per Clinical and Laboratory Standards Institute (CLSI) guidelines by disc diffusion technique. **Results:** From January-December 2011, out of a total of 11,658 samples processed, 157 (1.3%) isolates of Gramnegative bacilli were resistant to all beta-lactams, carbapenem, fluoroquinolones and aminoglycosides. *E.coli* was the predominant isolate (n=50; 31.8%) followed by *Klebsiella* (n=37, 23.6%); 28 (17.8%) isolates were

acinetobacter species. *P. aeruginosa* constituted 17 separate isolates other than the above 157 isolates. Of the unconventional agents tested, polymyxin B was the most effective agent with 33.1% strains sensitive to it and another 5/17 (29.4%) of *P. aeruginosa* isolates. Other agents in the decreasing order of sensitivity were chloramphenicol (25.5%), tetracycline and nitrofurantoin (14%) each, and cotrimaxazole (5.7%). **Conclusions:** Our study has highlighted the importance of including certain not-so-common antimicrobials in the sensitivity panel, particularly while testing multidrug-resistant isolates since they still possess some degree of activity against such isolates and may prove useful in clinical setting.

55. Bacteriology of pleural fluid infections at a tertiary care hospital.

Ramana BV, Chaudhury A, Bhagyalakshmi M.

Int J Pharm Res Bioscience 2012;1:373-9.

Bacterial infections are one of the most common causes for exudative pleural effusion. Pleural effusions associated with pneumonias cause more morbidity and mortality than pleural effusion alone. Retrospective analysis of 472 pleural fluid samples received during the period of January 2010 to December 2011 was done. Organisms and their antibiogram patterns were determined. Among 472 samples 312 (66.1%) were culture positive. Organisms isolated were *Klebsiella pneumonia* (30%), *Pseudomonas aeruginosa* (23%), *NFGNB* (17%), *E.coli* (15%), *Citrobacter* (10%), *Staphylococcus aureus* (5%). *K.pneumoniae* were sensitive to piperacillin/tazobactam (92%) and imipenem (80%), resistant to cefotaxime (90%). *Pseudomonas* was sensitive to piperacillin/tazobactam (73.8%) and amikacin (72%). Bacteriology of pleural infection is changing, Gram negative bacteria from the pleural infections appear to be increasing. The majority of the pleural fluid isolates were hospital pathogens showing high level of resistance to most of the antibiotics. Piperacillin/Tazobactam and imipenem were most effective for gram negative isolates.

56. Rising incidence of high MIC for vancomycin among *Staphylococcus aureus* strains at a tertiary care hospital in South India.

Ramana BV, Chaudhury A.

J Pharm Bioall Sci 2012;4:173.

The growing prevalence of methicillin-resistant *Staphylococcus aureus* (MRSA) as a cause of infections both in the hospital and the community led to increased use of the glycopeptide antibiotic vancomycin over the past three decades. As a consequence, selective pressure was established that eventually resulted in the emergence of strains of *S aureus* with decreased susceptibility to vancomycin and other glycopeptides. The reports of vancomycin-intermediate *S aureus* (VISA) and vancomycin-resistant *S aureus* (VRSA) has been increasing from various parts of the world. The first clinical isolate of VRSA was reported from the United States in 2002. More recently, some workers have reported vancomycin-resistant staphylococcal strains from Jordan and India. VISA and VRSA strains are not detected by the disk diffusion method. Acceptable methods used to detect these strains are nonautomated and include broth or agar dilution and the E-test. Also, the Clinical Laboratory Standards Institute (CLSI) has recently lowered breakpoints for vancomycin and, presently, strains with minimum inhibitory concentration (MIC) of 4-8 µg/ml are considered VISA and with MIC=16 µg/ml are considered VRSA. In our study, *S aureus* isolates from various clinical specimens like pus, blood, catheter tips, and urine were included. All *S aureus* isolates were subjected to susceptibility testing by the Kirby-Bauer disk diffusion method, and those isolates (n=80) showing a diminished zone of inhibition for vancomycin were subjected to MIC testing of vancomycin by the agar dilution method. The tests were performed according to CLSI guidelines. Out of 80 samples, 75 samples had MIC=2 µg/ml (VSSA), 4 samples had MIC 4-8 µg/ml (VISA), and 1 strain was VRSA (MIC>16 µg/ml). Sensitivity to ciprofloxacin, erythromycin,

gentamycin, and linezolid among the isolates was 57%, 68%, 41%, and 100%, respectively. The increasing MICs of vancomycin in *S. aureus* isolates should ring an alarm bell for prescribers as strains with reduced susceptibility could be the harbinger of future strains with full-blown resistance. In view of the limited therapeutic options for the treatment of MRSA infections, prudent use of vancomycin, continuous surveillance for VISA and VRSA strains, and appropriate infection control practices for the prevention of spread of such strains in the hospital environment are strongly recommended.

57. Device associated nosocomial infections and patterns of antimicrobial resistance at a tertiary care hospital.

Ramana BV, Chaudhury A.

J Dr NTR Univ Health Sci 2012;1:86-7.

Aim: This prospective study was carried out over a period of 1 year in a tertiary care teaching hospital. The aim of the study was to determine the organisms causing device-related nosocomial infections and to study their anti-microbial resistance pattern. **Materials and Methods:** Patients with endotracheal intubation, and central venous catheters (CVC)/venous cut down catheters were included in the study. Colonization of the endotracheal tube and colonization of the CVC/venous cut down catheters was studied. **Results:** The most common organisms isolated from endotracheal tube tips were *Pseudomonas aeruginosa* (35%), *Klebsiella pneumoniae* (18%), *Escherichia coli* (15%), other enterobacteriaceae (19%), non-fermenting gram-negative bacilli (NFGNB) (13%), and methicillin-resistant *Staphylococcus aureus* (MRSA) (40%). *Pseudomonas aeruginosa* was the commonest organism, which showed highest frequency of resistance to gentamicin (81%) and ceftazidime (76%). The common organisms isolated from the vascular catheter tips were *pseudomonas* (30%), *Klebsiella pneumoniae* (18%), *Escherichia coli* (16%), other enterobacteriaceae (25%), NFGNB (11%), and MRSA (65%). Similar to ET tubes, here

also *pseudomonas aeruginosa* was the commonest organism with maximum frequency of resistance to ceftazidime (69%). **Conclusion:** Knowledge of the resident microbial flora and their anti-microbial susceptibility pattern is necessary for formulating a rational antibiotic policy in a hospital.

58. Antibiotic Resistance pattern of *Moraxella catarrhalis* in a tertiary care hospital.

Ramana BV, Chaudhury A.

Int J Pharm Life Sci 2012;3:1805-6.

Moraxella catarrhalis is a human-specific bacterium previously discounted as a simple commensal organism with only limited pathogenic potential. This view has changed considerably and we now know that *M. catarrhalis* is associated with a range of disease states affecting both children and adults. A retrospective study was carried out to assess the clinical significance of *Moraxella catarrhalis* (*M. catarrhalis*) isolated from sputum specimens received from patients seen during a 1 year period. The isolation of *M. catarrhalis* should be considered significant in adult patients with lower respiratory tract infections and associated underlying risk factors. Since 70 % of the isolates showed penicillin resistance, treatment with appropriate antibiotics should be instituted.

59. Antibiotic resistance pattern of *Pseudomonas aeruginosa* isolated from Healthcare - associated infections at a tertiary care hospital.

Ramana BV, Chaudhury A.

J Sci Soc 2012;39:78-80.

Objectives: The present study was undertaken to assess the antibiotic susceptibility patterns of *Pseudomonas aeruginosa* isolated from healthcare associated infections at a tertiary care hospital. Due to significant changes in microbial genetic ecology, as a result of indiscriminate use of anti-microbials, the spread of anti-microbial resistance is now a global problem. **Materials and Methods:** A total of 290 *Pseudomonas aeruginosa* isolates from various clinical samples like urinary catheters, tips of endotracheal tube, and central venous catheter

were tested for antibiotic sensitivity pattern using disk diffusion method as per Clinical and Laboratory Standards Institute guidelines. Results: The highest number of *Pseudomonas* infections was found in urinary catheters, followed by endotracheal tips and central venous catheters. Maximum resistance was seen to cefotaxime and gentamycin (40%) followed by ciprofloxacin (39%), amikacin (26%), cefoperazone- sulbactam (22%), piperacillin-tazobactam (16%), and imipenem (14%). Conclusion: Over all we have observed that there is increased antibiotic resistance which may be due to the selective pressure from the use of anti-microbial agents is a major determinant for the emergence of resistance strains. Antimicrobial surveillance should be done periodically to monitor the current susceptibility patterns in local hospitals.

60. Serological study for Japanese Encephalitis virus among hospitalized patients.

Ramana BV, Pavani P, Chaudhury A.

Int J Pharm Res Bioscience 2012;1:359-63.

Japanese encephalitis (JE) parts of the country. The incidence has among pediatric group with high mortality. The incidence of JE in recent times is showing an increasing trend. It appears that JE may become one of the major public health problems in India, considering the quantum of the vulnerable the proportion of JEV infections among the encephalitic children and wide scattering of JE satisfactorily to some extent by strengthening diagnostic facilities for JE confirmation in hospitals with the nearby referral hospitals to collect the particulars on JE cases. Vaccination proves to be the best to protect the individual against disease.

61. Prevalence of Toxoplasmosis among antenatal women with bad obstetric history.

Nagaraja B, Ramana BV, Murty DS, Naidu KHV, KailasanathaReddy B.

Int J Pharm Res Bioscience 2012;1:215-21.

Toxoplasmosis is an important zoonotic disease caused by protozoan parasite *Toxoplasma gondii*.

Transmission of the disease is mainly by ingestion of food or water contaminated with oocysts. Congenital toxoplasmosis occurs from the transplacental passage of from mother to fetus. Diagnosis of toxoplasmosis can be established by the direct detection of the parasite or serological methods. Among 150 women with BOH 14 (9.33%) were positive for IgM antibodies to Highest percentage of sero-positivity was observed in the cases of abortions (11.11%) followed by cases with history of IUD (7.27 %). All antenatal cases with BOH are routinely screened for toxoplasmosis so that early diagnosis and appropriate intervention of these infections will help in proper management and fetal outcome.

62. A study of fever cases in urban slum areas in and around Vijayawada.

Nagaraja B, Ramana BV, Venkata Rao B, Madhavi

Int J Pharm Res Bioscience 2012;1:530-2.

The agents of human febrile illness can vary by region and country suggesting that diagnosis, treatment, and programs need to be based on a methodical evaluation of area specific etiologies. This study evaluates etiological agents of fever cases in urban slum areas of Vijayawada municipality by doing the tests for all commonly fever causing agents like plasmodium, salmonella, Dengue virus (dengue fever), chikungunya virus, and HIV.

Collected blood samples are tested for above agents by doing peripheral smear examination, immunochromatographic respectively, out of these tests 65% for malaria, 15% for typhoid, 20% for dengue came as positive.

63. Spontaneous cure of migrated peritoneal catheter.

Reddy YS, Manjusha Y, Kishore CK, Sridhar N, Sriram Naveen P, Sivakumar V.

Perit Dial Int 2012;32:107-8.

Catheter migration refers to displacement of the peritoneal dialysis (PD) catheter from the pelvis to the upper abdomen; migration typically results in

PD failure and may require catheter removal. Currently, the common management technique is to reposition the catheter - either manually, by laparoscopy, by using a Fogarty balloon catheter, or by a surgical procedure. Spontaneous cure of a migrated catheter is rare. We report one such observation in a patient with diabetic end-stage renal disease on PD.

64. Fatal Poisoning by Isoniazid and Rifampicin.

Sridhar A, Sandeep Y, Krishnakishore C, Sriram Naveen P, Manjusha Y, Sivakumar V.

Indian J Nephrol 2012;22:385-7.

Isoniazid and rifampicin are used for management of tuberculosis. Acute poisoning due to isoniazid overdose is associated with repetitive generalized tonic-clonic seizures and severe metabolic acidosis. In toxic doses, rifampicin is known to produce hepatic, renal, hematological disorders, and convulsions. Sometimes, it may produce red man syndrome. We report a case of fatal poisoning with isoniazid and rifampicin. The case was characterized by late presentation, lactic acidosis, and renal failure.

65. Hair dye Related Acute Kidney Injury - A Clinical and Experimental study:

Sandeep Reddy Y, Abdul Nabi S, Appa Rao C, Srilatha C, Manjusha Y, Sriram Naveen P, Krishna Kishore C, Sridhar A, Sivakumar Y.

Ren Fail 2012;34:880-4.

We studied paraphenylenediamine (PPD)-related acute kidney injury (AKI) in 81 patients and also in albino rats experimentally. In the patients' group AKI was found in 32.7%. Of them, 81.4% needed dialysis support. The overall mortality was 25.9%. In experimental rats the renal lesions were noted in all and they were glomerular congestion, intertubular (interstitial) hemorrhages, acute tubular necrosis, mesangial proliferation, and intratubular casts. The severity of renal injury appears to be dose dependent.

66. Urinary Ascites.

Abirami K, Sivaramakrishna G, Lakshmi AY, Sivakumar V.

Indian J Nephrol 2012;22:143-4.

A middle-aged male presented with abdominal pain and ascites following a fall in alcoholic intoxicated state. Evaluation revealed microscopic hematuria and severe renal failure. Ascitic fluid analysis showed high urea and creatinine values suggesting it to be a urinary ascites. Retrograde cystography confirmed intraperitoneal bladder rupture. Following continuous bladder drainage ascites subsided and serum creatinine has reduced to 3 mg/dL. This case report highlights the importance of ascitic fluid analysis as a pointer to diagnose urinary ascites secondary to intraperitoneal bladder rupture.

67. Effect of reuse of polysulfone membrane on oxidative stress during hemodialysis.

Ramakrishna P, Reddy EP, Suchitra MM, Bitla AR, Rao PV, Sivakumar V.

Indian J Nephrol 2012;3:200-205.

Patients with chronic renal failure, especially those on long-term hemodialysis (HD), have a high incidence of premature cardiovascular disease. Oxidative stress, which occurs when there is an excessive free radical production or low antioxidant level, has recently been implicated as a causative factor in atherogenesis. Hourly changes in malondialdehyde (MDA) and antioxidant enzymes, vitamins, lipid profile and ferric reducing ability of plasma (FRAP) were studied with the first use and immediate subsequent reuse of polysulfone dialysis membrane in 27 patients on regular HD treatment. Data were corrected for hemoconcentration and standardized to measure the rate of change. Increase in MDA and erythrocyte catalase along with decrease in plasma vitamin E and FRAP levels and no change in glutathione peroxidase levels were observed as a result of both fresh and reuse dialysis. These findings indicate a net oxidative stress in both fresh as well as dialyzer reuse sessions. There was no significant change in oxidative stress in both

fresh and reuse sessions. The oxidative stress with reuse dialysis was less when compared to first use dialysis, but the difference was not statistically significant.

68. Perinephric abscess with extension into Mediastinum and epidural space.

Krishna GS, Vijayalakshmi B, Lakshmi AY, Mutheshwaraiah B, Sivakumar V.

Indian J Nephrol 2012;22:224-5.

Perinephric abscess is accumulation of pus in the space between the renal capsule and the Geroto's fascia. The pus that accumulates in the perinephric space, may extend in several directions. Extension into the mediastinum and spinal epidural space is unusual. Such situation is presented in this report.

69. Pseudoarthrosis following fracture of left lamina of C2 vertebra causing compressive myelopathy.

Prasad BCM, Ramesh Chandra VV, Varaprasad G, Krishna Reddy A.

J Clin Sci Res 2012;1:101-2.

Pseudoarthrosis involving lamina of C2 vertebra requiring intervention is very rare. We report the unusual case of a 38-year-old man presenting with pseudoarthrosis of an old fracture involving left lamina of C2 vertebra. The patient presented with progressive spastic quadriplegia and history of sustaining injury to his neck 15 years ago. Imaging showed pseudoarthrosis involving the left lamina of C2 vertebra with significant cord compression. Posterior approach was used and decompressive laminectomy was done at C2 and C3 levels with removal of the affected segment with pseudoarthrosis. The postoperative period was uneventful and the neurological recovery was good. Following fracture of left lamina of C2 vertebra causing compressive myelopathy

70. PET-CT in re-staging and treatment response evaluation.

Kalawat TC.

J Clin Sci Res 2012;1: 49-52.

Positron emission tomography computed tomography (PET-CT) is a well-recognized, powerful imaging technology that holds great promise in early diagnosis and aids in treatment of many diseases especially cancers and hidden infections. A single examination allows survey of the entire body. Within few minutes, this provides a comprehensive picture, making it easier to diagnose pathological processes and determine its extent in the body thus helping in selection of optimum treatment, and in tracking progress, during the follow-up visits of the patients.

Important indications include

- (i) Staging of cancer: this investigation provides information accurate enough to alter mode of treatment in 30%-40% of patients;
- (ii) Assessment of response to a given treatment, by quantifying the decrease in metabolic activity and size of tumor in comparison to pre-treatment scan;
- (iii) Restaging of cancer after completion of treatment to see the residual disease; and
- (iv) Follow-up after a long disease free interval in both symptomatic patients.

71. Role of PET-CT Imaging in documentation of infection & viability of stored bone graft.

Ravi Kumar Chittoria, Kalawat TC.

J Soc Wound Care Res 2012;5:44-6.

We would like to share our experience about a 45 year old type 2 Diabetic Mellitus patient reported to Plastic Surgery OPD with diagnosis of old case of Road Traffic Accident (RTA) with head injury with right frontal abscess in a post operative case of right fronto-temporo-parietal (FTP) decompressive craniectomy and tapping of the abscess with preservation of excised fronto-temporal bone in right side of the abdominal wall. Now patient was complaining of discharge from the site of preserved bone graft in the right side of abdomen for 3 months. On examination there was a sinus with foul smelling discharge. To know whether stored bone graft is viable or not, and infected (osteomyelitic) or not, patient was referred

to Department of Nuclear medicine for PET CT imaging. His PET CT showed findings suggestive of viable bone graft but with features of chronic osteomyelitis. As the bone graft was viable it was not removed. Chronic osteomyelitis was managed conservatively. After 3 weeks his sinus stopped discharging and healed completely well. Patient was referred to Neurosurgeon for further management. To conclude PET CT imaging plays a vital role in documentation of infection and viability of stored bone graft.

72. Cerebellar liponeurocytoma.

Sreedhar Babu KV, Chowhan AK, Rukmangadha N, Prasad BCM, Reddy MK.

J Clin Sci Res 2012;1:39-42.

Cerebellar liponeurocytoma is a rare cerebellar neoplasm of adults with advanced neuronal/neurocytic and focal lipomatous differentiation, a low proliferative potential and a favorable clinical prognosis corresponding to World Health Organization grade I or II. Only a few cases have been described in the literature (approximately 20 cases) by different names. A 48-years old female, presented with history of headache and dizziness associated with neck pain; restricted neck movements, drop attacks and occasional regurgitation of food since one year. Magnetic resonance imaging disclosed a right cerebellar mass lesion. Gross total resection of the tumour was accomplished through a suboccipital craniotomy. The excised tissue was diagnosed as cerebellar liponeurocytoma, a rare entity, based on histopathological examination and immunohistochemistry. The morphological appearance of this neoplasm can be confused with that of oligodendroglioma, neurocytoma, ependymoma, medulloblastoma, solid hemangioblastoma and metastatic carcinomas etc., with unpredictable prognosis, which require postoperative radiotherapy, hence the importance of accurately diagnosing this rare neoplasm.

73. Chronic eosinophilic leukaemia.

Sreedhar Babu KV, Chowhan AK, Rukmangadha N, Reddy MK.

J Clin Sci Res 2012;1:46-8.

Chronic eosinophilic leukaemia (CEL) is a rare myeloproliferative disorder of unknown etiology characterized by an autonomous, clonal proliferation of eosinophilic precursors resulting in persistently increased number of eosinophils in the peripheral blood and bone marrow. There is vaguely overlapping clinico – pathological picture of CEL with idiopathic hypereosinophilic syndrome (HES) which often adds to the diagnostic confusion. An evidence of genetic clonality of eosinophils or an increase in blast cells in the blood or bone marrow is mandatory for diagnosis of CEL, while no specific diagnostic tests exist for HES; making it an entity of exclusion. A 41-year old male patient presented with low grade fever associated with drowsiness and heaviness of head since four days and sudden onset of weakness of left lower limb was subjected for complete haemogram followed by bone marrow examination in addition to routine biochemical and radiological evaluation. The peripheral smear and bone marrow aspirates were dominated by the presence of eosinophilic precursors with striking presence of eosinophiloblasts associated with eosinophilic myelocytes, metamyelocytes, a few myeloblasts and basophils compromising erythroid and megakaryocytic elements, the features of which are in favour of CEL. Till date, CEL is a rarely reported entity from India and its presentation with neurological manifestations is still rare.

74. Myxoid chondrosarcoma of sphenoid bone.

Chowhan AK, Rukmangadha N, Patnayak R, Prasad BCM, Vijaya Lakshmi B, Reddy MK.

J Neurosci Rural Pract 2012;3:395-8.

The myxoid variant of chondrosarcoma is usually seen in soft tissues where it is known as chordoid sarcoma or parachordoma. Rarely, it involves bone and when it does, cranial bones are the preferred location. This tumor is frequently amalgamated with the chordoid variant of chordoma, especially when the lesion occurs in the sphenoid bone/spheno-occipital region, because of their similar clinical presentations, anatomical locations, radiological findings, and mistaken histopathological features. It is essential to distinguish myxoid chondrosarcoma from the chordoid variant

of chordoma, because of the different treatment protocol and prognostic importance. We present such a location-based diagnostic dilemma, solved successfully with ancillary immunohistochemistry.

75. Retained intrauterine foetal bones: A rare cause of secondary infertility leading to diagnostic dilemma.

Chowhan AK, Rukmangadha N, Sreedhar Babu KV, Rashmi Patnayak, Phaneendra BV, Varalakshmi Devi M, Reddy MK.

J Clin Sci Res 2012;1:103-5.

The presence of intrauterine bone fragments is rare. These patients may present with pelvic pain, dysmenorrhoea, abnormal uterine bleeding and secondary infertility. We present a case of a 36-year old woman complaining of dysfunctional uterine bleeding with secondary infertility of six years duration. Detailed history, pelvic ultrasonography, hysteroscopy and histopathological examination of the hysteroscopically evacuated uterine cavity fragments were performed. Morphological examination revealed interesting presence of some tiny bony chips along with endometrial tissue. Intrauterine retained foetal bony chips due to previous medical termination of pregnancy was identified to be the cause of secondary infertility in the present case.

76. Papanicolaou (Pap) test screening of staff members of a tertiary care teaching Hospital in South India.

Jena A, Bharathi T, Siva Kumar Reddy YK, Manilal B, Patnayak R, Phaneendra BV.

J Clin Sci Res 2012;1:174-7.

Background: In India, cancer cervix is the most common cancer among females. Papanicolaou cytological (Pap) test helps in detecting the early epithelial abnormalities in cervical cells. **Material and Methods:** Pap smears of female health care staff members (n=80) who underwent voluntary Pap test as part of a screening programme, from January to June 2012 were evaluated. Pap smears were evaluated by light microscopy. The 2001 Bethesda system for reporting cervical cytology was used in evaluating the pap smears.

Results: Their mean age was 41.3 ± 5.6 years. Epithelial cell abnormality was noted in the Pap smear in 5 (6.3%) cases. **Conclusion:** Our observations provide supportive evidence for using Pap test as a tool for screening for cervical cancer. There is a need for enhancing the awareness among lay public regarding the utility of this test so that more women will avail this test and precancerous changes in cervix can be detected before they progress to frank malignancy.

77. A Study to assess the effectiveness of structured teaching programme on prevention of Home Accidents among mothers of toddlers at selected areas of Tirupati.

Nagarathnamma M, Padmaja A.

J Soc Wound Care Res 2012;5:17-22.

The purpose of the study was to assess the effectiveness of Structured Teaching Programme on prevention of home accidents among mothers of toddlers at selected areas of Tirupati. **Methods:** A quasi-experimental design was chosen. One hundred mothers of Toddlers were selected by using Simple Random Sampling Technique at Singalagunta, Tirupati. Pre and post test were conducted by using structured interview schedule. Structured Teaching Programme on Home accident was conducted after pre-test. **Results:** The effectiveness of Structured Teaching Programme on both level of knowledge on home accidents and the level of knowledge on practices related to prevention of home accidents were significant ($P < 0.01$). **Discussion:** The data proved that the knowledge of mothers having toddlers had been markedly increased after Structured Teaching Programme. **Conclusion:** Irrespective of demographic variables, mothers improved their knowledge after Structured Teaching Programme. Hence direct education can bring about improvement of their knowledge and change in a desirable behaviour.

78. A Study to assess the effectiveness of planned health education of prevention of Road Traffic accidents among elementary school children at Tirupati.

Nirmala AS, Padmaja A.

J Soc Wound Care Res 2012; 5: 29-33.

Purpose: The aim of the study was to assess the effectiveness of health education on prevention of road Traffic Accidents among elementary school children at Tiruapti. **Methods:** Single group pre test –post test design was adopted. Fifty children were selected by using cluster random sampling technique and study conducted at S.V. Elementary School, Tiruapti. The knowledge of children was assessed by using structured questionnaire. Health education on road traffic accidents was conducted. After 7 days of health education, post test was conducted by using the same pre-test questionnaire. **Results:** The effectiveness of health education on both knowledge on road traffic accidents and the knowledge on practices on prevention of road traffic accidents were significant. ($p<0.01$) **Conclusion:** The data proved that the health education is a primary measure which markedly increased the knowledge of 4th standard children. Irrespective of demographic variables children improved their knowledge

79. Assessment of the stress and coping strategies among patients with coronary artery disease.

Bhagyalakshmi M, Ramana BV, Hema Suresh, Jaya Mohan Raj.

J Sci Soc 2012;39:134-8.

Background: Stress evolves out of life events and experiences, stimulates one's thinking process and helps to maintain a basal level of autonomic arousal. Stress and certain behaviors like aggressiveness striving for achievement contribute to the pathogenesis of Coronary Artery Disease (CAD). Presence of psychosocial stressors is associated with increased risk of acute myocardial infarction. Coping processes are usually involved to reduce stress levels. **Objectives:** The study was conducted to assess the stress level and coping strategies among the CAD patients. **Materials and Methods:** Non experimental research design was chosen. The patients with CAD admitted for the first time were taken as the samples. A total of 100 patients were selected by non-probability sampling methods. The standardized tool used for the study consisted of stress and coping scale. The

questionnaire consisted of 20 questions to assess stress and 20 questions to assess coping. The maximum score indicated increased stress and adequate coping and the minimum score indicated less stress and inadequate coping. **Results:** In this study 43% of the patients were having moderate stress and 91% of patients showed moderate coping. None had increased stress and only 5% of the patients had adequate coping strategy. **Conclusions :** This study demonstrated an approach to develop more coping strategies to reduce stress among the CAD patients. Nurses working in the Cardiology Department should engage themselves to address the psychosocial needs of those patients and take measures to plan coping strategies.

80. Assessment of the knowledge of the parents on behavioral problems of teenage boys.

Bhagyalakshmi M, Hemalatha S, Usha Rani A.

Int J Pharm Res Bioscience 2012; 1:215-21.

Teenage years are termed as one of the most difficult phases for parents as well as teenagers. As young boys approach their teenage years there are many changes they go through emotionally and physically. Often teenage boys face many problems which make them behave in a problematic way. Therefore parents must have adequate knowledge regarding behavioral problems which occur to teenage boys will help in reduction of behavioral and emotional problems among teenage boys. Non-experimental research design was chosen. A total of 100 parents of teenage boys were selected by Non-probability convenient sampling method. In this study 19 (19%) parents had adequate knowledge, 47 (47%) had moderate knowledge and 34 (34%) had inadequate knowledge on behavioral problems of teenage boys. Behavioral problems were more common among the adolescence whose parents are having inadequate knowledge on behavioral problems of teenage boys. Further the study suggests that adequate knowledge to parents will helps to reduce the behavioral problems among teenage boys.

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

S. No.	Funding agency	Title, Investigator & Department	Date	Grant Received	Amount Rs.
1.	Department of Biotechnology (DBT), Govt. of India	Title : Efficacy of oral zinc administration as an adjunct therapy in Category I pulmonary tuberculosis along with assessment of immunological parameters (Double-blind, Randomized, Placebo-Controlled, Multicenter Clinical Trial)" Investigator : Dr Alladi Mohan, Department : Medicine	27.03.07	7,29,000	22,09,000
			11.08.08	5,67,000	
			03.08.09	3,70,000	
			11.02.11	5,43,000	
2.	Directorate General of Health Services, New Delhi	Title : Evaluation of the efficacy of thrice weekly DOTS regimen in TB pleural effusion at six months (multicenter project) . Investigator : Dr Alladi Mohan, Department : Medicine	25.02.08	6,96,759	11,27,743
			05.05.11	4,30,984	
3.	European Union	Title : Sustaining research momentum over the coming decades : mentoring the next generation of researchers for tuberculosis (TB-SUSGENT), Investigator : Dr Alladi Mohan, Department : Medicine	04.02.09	6,28,071	59,60,435
			28.10.09	27,71,416	
			21.06.11	25,60,948	
4.	Department of Biotechnology (DBT), Govt. of India	Title : Creation of BIF for the promotion of Biology Teaching through Bio-Informatics (BTBI) scheme of BTISnet Investigator: Dr A.Umamaheswari, Department: Bio-Informatics	07.12.06	10,00,000	73,51,000
			05.03.07	10,00,000	
			31.03.08	4,59,000	
			22.08.08	10,29,000	
			19.11.09	5,03,000	
			01.02.10	1,22,000	
			07.10.10	11,78,000	
			11.11.11	7,65,000	
5.	Defence Research Development Organisation (DRDO)	Title : "To determine the role of brain SPECT in the study of emotion and neurocognition" Investigator : Dr TC. Kalawat, Department : Nuclear Medicine	12.10.12	12,95,000	1,50,000
			15.09.10	1,50,000	

6.	Defence Research Development Organisation (DRDO)	Title : "Double Blind Study of Leptospirosis Dengue & Malaria among Patients Samples having Thrombocutopenia/Hyperbillirubinemia /Uremia " Investigator : Dr KK. Sharma, Department : Microbiology	27.08.11	6,70,000	6,70,000
7.	Indian Council of Medial Research (ICMR)	Title : Effect of acute severe illness on the Hypothalamo-Pituitary-Gonadal Axis in post menopausal women" Investigator : Dr V. Suresh Department : Endocrinology	12.03.12 19.12.12	3,23,245 3,23,245	6,46,490
8.	A.P.State Council of Science & Technology	Title : " Vitamin D receptor polymorphism in subjects with Vitamin D deficiency" Investigator : Dr Alok Sachan, Department : Endocrinology	15.01.13	63,000	63,000

2.2 Details of ongoing projects funded by Sri Balaji Arogya Vara Prasadini (SBAVP) 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 2011-12, an amount of Rs.7,58,500 was released to the researchers and postgraduates . The details are as follows

i) MD/DM/MCh Post graduates

S. No.	Name of the Post graduate/ Researcher	Title of the thesis	Grant Sanctioned Rs.
01.	Dr T. Chandrasekhar Postgraduate junior resident in MD (Biochemistry)	Prevalence of factors Influencing endothelial function in pediatric obesity	25,000-00
02.	Dr D. Rajitha, Postgraduate senior resident in DM (Endocrinology)	Autoimmunity in Type-1 Diabetes Mellitus	25,000-00

03.	Dr Epuri Sunil Postgraduate senior resident in DM (Endocrinology)	Growth, pubertal development and Bone age in Children with type 1 diabetes mellitus	25,000-00
04	Dr K.P. Ranganayakulu Postgraduate senior resident in DM (Cardiology)	Plasma N-Terminal Pro B-Tpe Natriuretic Peptide (Nt-Probnp) Levels as Marker of Adequacy of Valvotomy in-patients with Rheumatic Mitral stenosis	25, 000-00
05	Dr Naresh Yajamanam Postgraduate junior resident in MD (Biochemistry)	Clinical utility of Salivary Parameters in Diagnosis and Monitoring of Renal Failure	25,000-00
06	Dr K. Radhakrishna Postgraduate senior resident in M.Ch (Surgical Gastroenterology)	Prospective randomized study comparing Billroth II with braun anastomosis versus Roux-En-Y-Reconstruction after radical distal subtotal gastrectomy of gastric cancer	25,000-00
07	Dr A. Sailaja Postgraduate senior resident in DM (Endocrinology)	Effects of thyroid hormone replacement on HBA1c levels in non diabetic subjects	25,000-00
08	Dr S. Aparna Reddy Postgraduate junior resident in MD (Medicine)	Diagnostic utility of glycosylated haemoglobin in diagnosing type 2 diabetes mellitus in-patients presenting to a tertiary care teaching hospital in South India	13,500-00
09	Dr B. Suresh Babu Postgraduate junior resident in MD (IHBT)	Unexpected antibodies in the antenatal women attending the Government Maternity hospital, Tirupati	25,000-00
10	Dr Mukka Arun Postgraduate senior resident in DM (Endocrinology)	Prevalence of ISLET auto immunity among patients with type 2 diabetes mellitus	25,000-00
11	Dr G.L. Sumanth Kumar Postgraduate junior resident in MD (Microbiology)	A study to evaluate the severity and specificity of ELISA taking indirect immune-fluorescence as reference test in detecting autoantibodies related to connective-tissue disorders and further differentiating them by western blot.	25,000-00
12	Dr C. Siva Sankara Postgraduate senior resident in DM (Cardiology)	The prognostic significance of NT-PRO BNP 3D LA volume and LV dyssynchrony in-patients with acute ST elevation myocardial infarction (STEMI) undergoing primary percutaneous intervention (PCI)	25,000-00

ii) Research Scholars

S. No.	Name	Title of the project	Grant Sanctioned Rs.
01.	VL. Asha Latha Biochemistry	Novel Biomarkers in studying the contrast-induced effects on kidney	1,00,000-00
02.	Swarupa Biotechnology	Molecular Characterization of Peptidyl Deformylase and Penta Peptide Ligase from <i>Staphylococcus aureus</i> ATCC 12600	90,000-00
03	S. Yeswanth Biotechnology	Molecular Characterization of Biofilm Forming proteins from <i>Staphylococcus Aureus</i> ATCC12600	90,000-00
04	U. Venkateswara Prasad, Biotechnology	Molecular Characterization of Acid Phosphatase and Alkaline Phosphatase from <i>Staphylococcus Aureus</i> ATCC12600	90,000-00
05	K. Latheef Cardiology	To study the polymorphism of MTHFR, IL-6 and ICAM-1 genes in-patients with Coronary Artery Disease	1,00,000-00

2.3. Details of drug trials in progress

S. No.	Title of the project	Name of the investigator	Funding Agency
01.	Study Protocol No.1199: "An open label, multi center follow up trial to evaluate the long term safety and efficacy of brivaracetam used as adjunctive treatment at a flexible dose up to a maximum of 150 mg / day in subjects aged 16 years or older suffering from epilepsy" (IEC No.65)	Dr B. Vengamma Professor & HOD, Dept. of Neurology	
02.	Protocol H7T -MC-TABY (b) - A comparison of prasugrel and clopidogrel in Acute coronary syndrome (ACS) subjects with unstable angina / Non-ST-elevation myocardial infarction (UA/NSTEMI) who are medically managed	Dr D. Rajasekhar, Professor & HOD, Dept. of Cardiology	The TRILOGY ACS Study
03.	A Phase 3 randomized, double blind, double dummy, parallel group multi centre, multinational study for the evaluation of efficacy and safety of (LMW) Heparin / EDOXABAN versus (LMW) Heparin / Warfarin in subjects with symptomatic deep vein thrombosis and / or pulmonary embolism. DU 176 -D-U305 DAIICHI SANKYO" (IEC No.184)	Dr D. Rajasekhar, Professor & HOD, Dept. of Cardiology	HOKUSAI STUDY
04.	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. Rajasekhar, Professor & HOD, Dept. of Cardiology	Novartis Health care India Pvt. Ltd.

3.0 Journal of Clinical and Scientific Research Editorial Board

Hon.Editor-in-Chief-Dr B. Vengamma

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.

A year ago, the *Journal of Clinical and Scientific Research* (JCSR) was born. The JCSR is published quarterly, both in print and online formats and the “free full-text” is placed in the Institute’s website. The journal has grown fast and attracted more than 75 submissions in its first year from across the country, has grown fast. The journal is already indexed in *Index Copernicus*, *Academic Index* and *open J-Gate*.

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. The JCSR encourages vibrant young faculty researchers and postgraduates to take advantage of the fast-track processing mechanism and submit their work for publication in the journal. So far, 04 issues were published. The journal gets distributed to all the Medical colleges, Medical institutions, Medical Universities, R&D institutions in the country.

From 2013, in addition to the online and print versions, the JCSR is also bringing out a CD-version of the journal to facilitate disseminating of content to places with poor internet connectivity. Other innovations scheduled for 2013 include the introduction of sections “Journal Scan” and “Short Report”.

BEST PAPER AWARD

JCSR, with the intention of encouraging the contributors, is introducing “Best Paper Awards”, one each under “Original Article” and “Case Report” Categories. The articles published in the year 2012 (Volume 1 Issues 1-4) were examined by three experts for each category and the Best Papers under each of the categories were identified. The “Best Papers” for the year 2012 are listed below:

Under “Original Article” Category

Amaresh Reddy P, Harinarayan CV, Suresh V, Rajagopal G, Krishna Tilak T, Suchitra MM, Srinivasa Rao PVLN, Sachan A. Effect of block-replacement regimen on bone mineral density and biochemical markers in patients with thyrotoxic bone disease. *Jclinsci Res* 2012;1:60-9.

Under “Case Report” Category

Harikrishna J, Sivaram Naik G, Aparna Redy S, Prabath Kumar D, Siddharth Kumar B, Vijayalakshmi Devi B, Rukmangadha N, Mohan A. Disseminated tuberculosis in a patient with systemic lupus erythematosus. *J Clin Sci Res* 2012;1:199-203.

The authors shall be issued a merit certificate to this effect. Hope this will stimulate the contributors to sent their work to our journal.

B. Vengamma
Hon. Editor-in-Chief

VI. Finance & Accounts (2011-12)

1.0 Institute Finances

All the bills prepared by different departments are passed in the Accounts Section & cheques issued after scrutinizing the bills as per the existing rules. Accounts are maintained in terms of the income generated by way of Grants from TTD, Government etc., along with Hospital Collections. All the Accounts will be compiled and submitted to Income Tax Department after audited by the Institute Auditors.

Donations received (1.4.2011 to 31.3.2012)

S. No.	Name of the scheme	Amount in Rs.
1	Sri Balaji Arogyavaraprasadini scheme	15,92,55,452
2	Donations to medical orations	9,01,161
3	Donation received for purchase of vehicles	36,73,214

2.0 Balance Sheet as on 31.3.2012

Liabilities	Amount as on 31-Mar-2012 (Rs.)	Assets	Amount as on 31-Mar-2012 (Rs.)
Capital account	16,300,612,886	Fixed Assets	384,171,066
Endowment fund	5,137,471	Medical equipment indigenous	32,124,283
PMSSY fund	412,010,801	PMSSY assets	166,518,528
Provident fund	59,956,268	Computer installations	982,431
Research & Development fund	217,487,058	Electrical installations	9,337,419
SVIMS corpus fund	549,017,765	Furniture & fixtures	21,555,285
Capital fund	240,411,664	Land	6,809,250
Donations	1,850,616	Medical equipment imported	138,307,621
NCCP grant	145,139	Medical journals(R&D)	3,062,767
Pension fund	137,569,109	Office equipment	2,296,951
TTD capital grant	7,026,996	Plant & machinery	898,514
Loans (liability)		Vehicles	2,278,017
Current liabilities	166,343,535		
Research projects	6,365,769	Investments	1,090,935,985
Sundry creditors	4,126,724	CPS investments	55,192,620
EMD and other deposits	24,441,173	Endowment deposits	4,872,305
University deposits	1,801,257	Research fund deposits	217,487,058
Advance from Kanchipectam	129,312,000	SVIMS corpus fund deposits	559,199,370
Scholarship	296,612	Deposit of donations for equipment	1,306,256
Profit & Loss a/c		Deposit of Kanchipectam	85,755,710
Opening balance	(106,588,522)	Pension fund term deposits	137,712,865
Current period	170,519,392	PMSSY deposits	22,931,742
Less: transferred	(277,424,259)	SBAVP deposits with TTD	6,478,060
		Teram deposit receipt	
		Current Assets	322,165,714
		Closing Stock	38,310,733
		Deposits (Asset)	144,448,126
		Loans & Advances (Asset)	20,339,557
		Sundry debtors	77,991,650
		Cash-in-hand	428,270
		Bank accounts	27,822,402
		Rent receivable	3,732,057
		Margin on F/c	373,000
		TDS Receivable	8,719,919
Total	1,797,272,765	Total	1,797,272,765

3.0 Concessions given to the patients – 2012

S. No	Month& year	Amount in Rs.
1.	January, 2012	10147037
2.	February, 2012	9445337
3.	March, 2012	11246109
4.	April, 2012	10461502
5.	May, 2012	13025372
6.	June, 2012	11409720
7.	July, 2012	11177224
8.	August, 2012	11760114
9.	September, 2012	11093668
10.	October, 2012	11875210
11.	November, 2012	11406222
12.	December, 2012	10379620
	Total	133427135

Expenditure incurred under various schemes (01-01-2012 to 31-12-2012)

S. No	Name of the scheme	Total treatment charges Rs.	Total claims Rs.
01	Rajiv Aarogyasree Scheme	256713102	237816200
02	S.V.Pranadana scheme	25662812	24798991

4.0 Donations received

Sri Venkateswara Institute of Medical Sciences established under the aegis of Tirumala Tirupati Devasthanams receives donations from philanthropists through Sri Balaji Aarogya Varaprasadini 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 multiples thereof to this institution. Tirumala Tirupati Devasthanams (TTD), Tirupati in turn will contribute an equal matching grant.

The donors are provided privileges for accommodation, darshan and other prasadam of Lord Venkateswara at Tirumala by T.T.Devasthanams.

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 amount of donation.

The donations are exempted from payment of income tax at one and three fourth i.e.175% to the donation made under sec.35 (1) (ii) of Income tax Act 1961.

The institute received donations under Sri Balaji Aarogya Varaprasadini Scheme for the financial year 2011-12 is Rs.15,88,55,452/-. The list of donors who donated Rs.10 lakh and above are as detailed below:

Sl. No	Name of the Donor and address	Amount in Rs.
1	Dr Vadrevu L.D. Vijayalakshmi, 11-7-14, Vijayavihar, seshayametta, Rajahmundry	1000000
2	M/s. Atin Promotions & Advertising Ltd., 19, Avenue 5, old Road No.05, Banjara Hills, Hyderabad	1000000
3	M/s. Atin Promotions & Advertising Ltd., 19, Avenue 5, old Road No.05, Banjara Hills, Hyderabad	1000000
4	M/s. Industrial Packing Products, Niranjana Buildings, 602, 6th floor, 99, Marine Drive, Mumbai- 400002	1000000
5	M/s. Jayakal Exports Pvt Ltd., 3A, Victoria plaza, 3rd floor, S.V.Road, Santacruz west, mumbai - 400054	1000000
6	M/s. Jupiter Dyechem Pvt Ltd., 93&93, 9th Floor, A Mittal Court, Nariman Point, Mumbai -400021	1000000
7	M/s. Makson health Care Pvt Ltd., Plot No.6a, Sector D, AKVM, Madeep	1000000

8	M/s. Megha Constructions, Dealing Centre, Office No.04, Velankar Nagar, Near Mitra Mandal Chowk, Pune	1000000
9	M/s. Megha Constructions, Dealing Centre, Office No.04, Velankar Nagar, Near Mitra Mandal Chowk, Pune	1000000
10	M/s. Mehandra Perfumery works, Raghavendra Colony, 72/2, 5th main road, Chamarajpet, Bangalore	1000000
11	M/s. Pooja Land Developers, 249, P.D. Melli Road, Near G.P.O, Mumbai-400001	1000000
12	M/s. Realistic Raltors Pvt Ltd., 315-16, 3rd floor, Time Tower, M.G.Road, Gurgaon	1000000
13	M/s. Remsoft, AD-55, 3A, 4th Street, Anna agar, Chennai	1000000
14	M/s. Universal Construction Machinery & Equipment Ltd., Universal House, S.No.17/1/B, Warje Naka, Warje, Pune	1000000
15	M/s. Universal Logistic and services, Mittal Court, A wing, 9th floor, Office No.92&93, Nariman Point, Mumbai -400 021	1000000
16	M/s. Whiz Enterprise Pvt Ltd., 5th floor, Ghanshyam Chamber, Plot No.B-12, Veera industrial Estate, Off. Link Road, Opp. City Mall, Andheri (w), Mumbai – 400053	1000000
17	M/s. Capitol Fibres Pvt Ltd., Regd Office: Plot No.C-30, Road No.16, Wagle Indl Estate, Thane - 400 604	1000000

18	M/s. India Nivesh Limited, Regd Off 601/602, N.S.Patkar Marg, Girgaum Chowpatty, Mumbai - 400 007	1000000
19	M/s. Indtel Technical Services, 25, Munirka Enclave, Nelson Mandela Marg, New Delhi	1000000
20	M/s. JCG Technologies INC,, 50S Belcher Rd, Suite 104, Clearwater, FL 33765	1000000
21	M/s. Podar Enterprises, MD: Rajiv Podar, Regd off. Podar Chambers, 109, S.A. Brelvi road, Fort, Mumbai-400002	1000000
22	M/s. Ramco Industries Ltd., C/o P.B.Ramasubramanyam , Chairman, Auras Corporate Centre, 6th floor, 98-A, Dr Radhakrishna Road, Mylapore, Chennai - 600004	1000000
23	M/s. Syntex Industries Ltd., Kalol 382721, Gujrat	1000000
24	M/s. Vividha Holdings Pvt Ltd., 1H-2nd floor, east Coast chambers, 92, G.N.Chetty Road, T.Nagar, chennai	1000000
25	Smt. Shubha Prashanth Narayan G, No.100, Sannidhi Road, Basavanagud, Bangalore - 560 004	1000000
26	Smt. Dr Srinkala Challppa, D/o Dr Krishna Challappa, 711, Foxfire Road, Elizabeth Road, K.Y.42701	1000000
27	Sri A.H. Rama rao, Ram Nivas, oNo.285, 100 feet ring Road, 7th Block BSK 3rd State, Bangalore - 560 085	1000000
28	Sri Arun Agarwal, A -1/22, Safdarjung Enclave, New Delhi	1000000

29	Sri Ashish Patil, 99, Meyer road, No.20-02, The Sovereign, Singapore	1000000
30	Sri Cyrus Pallonji Mistry, Sterling bay, 103, Walkeswar Road, Mumbai - 400 006	1000000
31	Sri Haresh Vaswani, Mesk Building, Apt No.3001, Dubai Marina, P.O.Box 54513, Dubai	1000000
32	Sri Haresh Vaswani, Mesk Building, Apt No.3001, Dubai Marina, P.Box 54513, Dubai	1000000
33	Sri Haresh Vaswani, Mesk Building, Apt No.3001, Dubai Marina, P.O.Box 54513, Dubai	1000000
34	Sri K. Narasimhulu naidu, No.27-44/140, 4thfloor, 9th main, 3rd blok, Jayanagar, Bangalore - 560011	1000000
35	Sri Lalith M Bijlani, Natraj building, Shop No.7, 68, Hill road, Bandra west, Mumbai 400050	1000000
36	Sri M.Venkata Ramana, Ex MLA, 5-5-333, Reservoir Road, Near SVIMS Bus Stop, Tirupati	1000000
37	Sri Nama Nagaraj, N o.28, Uttaradhi Mutt Road, 1st Cross, S.N.Pet, Bellary - 583 101	1000000
38	Sri Nama Satynanarayana, 141, Kolachalm Compound, Bellary	1000000
39	Sri Perraju Bendapudi, 224, Road No.17, Jubilwee Hills, Hyderabad	1000000
40	Sri Prashanth Narayan G, No.100(OldNo.33),, Sannidhi Road, Basavanagudi, Bangalore -560004	1000000
41	Sri Prashanth Narayan G, No.100, Sannidhi Road, Basavanagud, Bangalore -04	1000000

42	Sri Prashanth Narayan G, No.100, Sannidhi Road, Basavanagud, Bangalore - 560 004	1000000
43	Sri Prashanth Narayan G, No.100, Sannidhi Road, Basavanagud, Bangalore - 560 004	1000000
44	Sri Prashanth Narayan G, No.100, Sannidhi Road, Basavanagud, Bangalore - 560 004	1000000
45	Sri Prashanth Narayan G, No.100, Sannidhi Road, Basavanagud, Bangalore - 560 004	1000000
46	Sri Prashanth Narayan G, No.100, Sannidhi Road, Basavanagud, Bangalore - 560 004	1000000
47	Sri Prashanth Narayan G, No.250, 2nd main Road, 7th Block, Jaya Nagar, Bangalore - 560 082	1000000
48	Sri Prashanth Narayan G, No.250, 2nd main Road, 7th Block, Jaya Nagar, Bangalore - 560 082	1000000
49	Sri Prashanth Narayan G, No.250, 2nd main Road, 7th Block, Jaya Nagar, Bangalore - 560 082	1000000
50	Sri Prashanth Naryan G, No.250A, 2nd Main Road, 7th Block, Jaya /nagar, Banglore - 560 082	1000000
51	Sri R. Ramesh, F-31, 5th floor, 2nd Avenue, Anna Nagar (E), Chennai	1000000
52	Dr B.P. Allan Harinarayan, C/o M/s pandus hospital, No.2, Wadia road Near Taxi Stand, Basavangudi, Bangalore	1000001
53	M/s. ESBI Hi-Flex Pvt Limited, 8, Camac Street, 6th floor, kolkata - 700 012	1000001

54	M/s. Renuka Land Mark Pvt Ltd., 10, Surbhi Apartment, 1, Ashok Nagar, Near Shivaji Nagar, Pune - 411005	1000001
55	Sri Somisetty Satyanarayana murthy, D.no.26/9/4, Rama Rao Street, GandhiNagar, Vijayawada	1010151
56	M/s. Bhoorathnom Construction Co pvt Ltd., 7-3-720, Rashtrapathi Road, Secunderabad-3	1055555
57	M/s. Ester Industries Ltd., C/o Sri Aravind Singhania, Building No.8, Tower A, 2nd floor, DLF Cybercity, Gurgaon, Haryana	1083000
58	M/s. Bhavana Earth Movers, B-3, Sapana Regency, Above Mens Baron, Panji, Goa-403001	1100000
59	M/s. Titec Finance Ltd., 9, rowdon Streetmm Kolkata - 700 017	1100000
60	Sri Dilip Dalvi, Aligunj, Lane Noi.04, Opp. Gurudwara, Kalyan West, Dist: Thane	1100000
61	Sri Pramil Zindal, 503, Aradhana Apts, R.K.Puram, Sector 13, New Delhi - 110066	1100000
62	Dr K.Venkatesan, E-3A, Rain Tree Apts, 21, Venus Colony, 2nd Cross Street, Alwarpet, Chennai - 600018	1500000
63	M/s Unice Info Solution Pvt Ltd., Model House, 40, Strand Road, 3rd floor, Suite No.10, Kolkata	1500000
64	M/s Diana Tea Company, Sir RNM House, 4th floor, 3/B, Lalbazar Street, Kolkata	1500000
65	M/s. India Nivesh Commodities Limited, Regd Off 601/602, N.S.Patkar Marg, Girgaum Chowpatty, Mumbai - 400 007	1500000

66	Sri Brijendra Kumar Agarwal, C/o m/s. Tirubala Exports, 84/71, Afim Kothi, Kanpur	1500000
67	Sri Prashanth Naryan G, No.250A, 2nd Main Road, 7th Block, Jaya /nagar, Banglore - 560 082	1500000
68	Sri Prashanth Naryan G, No.250A, 2nd Main Road, 7th Block, Jaya /nagar, Banglore - 560 082	1500000
69	Sri Prashanth Naryan G, No.250A, 2nd Main Road, 7th Block, Jaya /nagar, Banglore - 560 082	1500000
70	Sri Prashanth Naryan G, No.250A, 2nd Main Road, 7th Block, Jaya /nagar, Banglore - 560 082	1500000
71	Sri Prashanth Naryan G, No.250A, 2nd Main Road, 7th Block, Jaya /nagar, Banglore - 560 082	1500000
72	Sri Prashanth Naryan G, No.250A, 2nd Main Road, 7th Block, Jaya /nagar, Banglore - 560 082	1500000
73	M/s.The Jean & Bomanji A Dubash Charity Trust, Mackinnon Mackenzie Building, 4, Shoorji Ballabhdas Marg, Ballard Estate, Mumbai	2000000
74	M/s. India Nivesh Insurance Brokers Limited, Plot No.487, Chakala, Andheri - Kurla Road, Mumbai - 400 059	2500000
75	M/s. India Nivesh Limited, Regd Off 601/602, N.S.Patkar Marg, Girgaum Chowpatty, Mumbai-400 007	2500000
76	Smt. Snehlata Nuwal, 203, Standard Hoose, 83, M.K.Raod, Marine Lines, mumbai 400 002	2500000

77	M/s. Ramesh Kumar & Co, 50, Swastik Plaza, 2nd floor, Next to Kala Niketan, V.L.Mehta Road, Juhu Scheme, Vile Parle (w), Mumbai -400 049	2511111
78	M/s. Indtel Technical Services, 25, Munirka Enclave, Nelson Mandela Marg, New Delhi	3000000

5.0 Equipments Donated

1. The Friends of SVIMS Society donated ARr T Plus dialysis machine to SVIMS for the benefit of juvenile patients on 28th April 2012.



Sri. K.S. Srinivasa Raju, J.E.O, Tirumala, TTD is speaking on the occasion of donation of ARr T Plus dialysis machine by the Friends of SVIMS Society for the benefit of juvenile patients on 28th April 2012.

2. Guruji Venkateshan and Prasanth Narayan of Bangalore visited the institute on 18th November 2012 and donated latest power drilling equipment to the Dept. of Neurosurgery costing Rs. 17 lacks



Prasanth Narain and Guruji Venkateshan of Bangalore are seen inaugurating the equipment.

3. Dr Subhashini. Y Internist & Endocrinologist from Albany, NY, donated two dialysis equipments worth of Rs.11.5 lakhs on 30th July 2012



Dr Subhashini. Y Internist & Endocrinologist from Albany, NY, donated two dialysis equipments worth of Rs.11.5 lakhs on 30th July 2012

VII. Departmental Information

1.0 DEPARTMENT OF ANAESTHESIOLOGY

Senior Professor & Head

Dr M. Hanumantha Rao

Professor

Dr V. Satyanarayana

Additional Professor

Dr Aloka Samantaray

Associate Professors

Dr P. Janaki Subhadra

Dr A. Krishnasimha Reddy

Dr Andal Venkataraman

Dr N. Hemanth

Assistant Professors

Dr P. Hemalatha

Dr A. Muralidhar

Dr M. Madhusudhan

Dr K. Vinay

PG Residents

III Year

Dr P. Dileep Kumar Reddy

Dr G. Karunakar

Dr S. Srikanth

Dr C. Suresh Kumar

II Year

Dr A. Lava Kumar

Dr K.G. Srihari

Dr J. Chaitanya

I Year

Dr K. Aditya

Dr T. Rajasekhar

Dr S. Shameem

Dr R. Sridevi

PDF-Critical Care

Dr S. Lokya Naik

1.1 Award

Dr G. Karunakar, Junior Resident, Postgraduate student in MD (Anaesthesiology) won *Best poster award* in ISAAPCON –2012, conference held at Warangal during 11-14 October 2012.

1.2 Research Work

Theses submitted

1. Sreekanth S. Effects of intravenous Diltiazem or Esmolol on hemodynamic responses to laryngoscopy and endotracheal intubation: a randomized, double-blind, clinical efficacy study (MD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
2. Suresh Kumar C. Comparison of bacterial colonization of central venous catheters introduced through two different routes in Respiratory Intensive Care Unit (RICU) (MD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

3. Dileepkumar Reddy P. Comparison of effects of oral clonidine (or) oral Atenolol versus placebo premedication on haemodynamic response to pneumoperitoneum during laparoscopic surgery - A prospective, randomized, double blind study (MD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
4. Karunakar G. Comparison of the effects of addition of Midazolam (or) Dexmedetomidine versus placebo to intrathecal Bupivacaine on post operative analgesia (MD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

Ongoing Thesis work

1. Chaitanya Jakkam. Comparative evaluation of 2% Lignocaine viscous gargling and intravenous lignocaine for insertion of laryngeal mask airway (LMA) (MD Thesis).

2. Srihari KG. Effect of 4% gelatin and dextran-40 on blood sugar levels during surgery under subarachnoid block (MD Thesis).
3. Lava Kumar Ande. The effects of Dexmedetomidine on haemodynamic response to tracheal intubation and anaesthetic requirements; a double blind and prospective randomized controlled study (MD Thesis).
4. Sridevi R. Predictability of various evaluation on includes to detect difficult laryngoscopy in diabetics (MD Thesis).
5. Aditya K. Comparison of I.V. Dexmedetomidine and I.V. Lignocaine for the prevention of conventional propofol injection pain—A prospective randomized double blind study (MD Thesis).
6. Rajasekhar T. Comparison of upper lip bite test with other four predictors for predicting difficulty in intubation (MD Thesis).
7. Shameem S. Effects of intravenous clonidine or Dexmedetomidine on hemodynamic responses to Laryngoscopy and endotracheal intubation and sedation; a randomized double blind, clinical efficacy study (MD Thesis).

1.3 Conferences attended, lectures delivered, sessions chaired

Dr M. Hanumantha Rao, attended the following conferences.

International

1. SEPSIS – 2012, Paris during 07-09 November 2012 and presented two posters whose abstracts were published in “SEPSIS” journal.

National

1. The ITC – 2012, Hyderabad during 24-26 February 2012 and chaired a session
2. The ITACCS -2012, Hyderabad during 24-26 February 2012 and chaired a session.

3. The TEE – 2012, Bangalore during 04-06 August 2012 and chaired a session
4. The ISAPCON – 2012, Warangal during 11-14 October 2012 and chaired a session and also delivered a lecture on “One lung ventilation”.
5. The ISACON – 2012, Indore, during 25-30 December 2012 and delivered a lecture on “ARDS & Difficult airway (Panel discussion)”.
6. The ISACON – 2012, Mumbai, during 26-29 December 2012 and chaired a session.

Dr V. Satyanarayana, attended the following conference

1. ISNACC – 2012, Bhopal during 10-12 February 2012 and delivered a lecture on “Anaesthetic complications of spine surgery”.

Dr Aloka Samantaray, attended the following conferences

1. ISAJAC –EZ, Bhubaneswar on 14th September 2012 and delivered lecture on, “Keeping abreast of thoracic anaesthesia”.
2. ISACONS -2012, Indore on 28th December 2012 and delivered lecture on, “Multiplane TEE”.

Dr P.J. Subhadra, attended the following conferences

1. CASCO – 2012, Coimbatore during 10-12 August 2012 and delivered lecture on, “Low flow anaesthesia”.
2. AOA – 2012, New Delhi on 07th September, 2012 and delivered lecture on, “IV Analgesia for labour”.

Dr A. Krishnasimha Reddy, attended the following

1. The ITACCS -2012, Hyderabad during 24-26 February 2012 and presented a paper on, “Anaesthetic Management polytrauma with abdominal injury and splenectomy”.

2. The ISAPCON – 2012, Warangal during 11-14 October 2012 and presented a paper on, “Anaesthetic management of non missile penetrating spinal injury”.

Dr N. Hemanth, attended the conference

1. The ISAPCON – 2012, Warangal during 11-14 October 2012

Dr M. Madusudhan, attended the workshop

1. Cardiac Anaesthesia Update – 2012, Chennai during 17-18 November 2012.

Dr K. Vinay, attended the workshop

1. Cardiac Anaesthesia Update – 2012, Chennai during 17-18 November 2012.

1.4 Publications

Published

1. Rao MH, Andal.V. Effect of intravenous clonidine given before induction of anaesthesia. Indian J Anaesth 2012; 56: 359-64.
2. Prasad B.C.M, Ramesh Chandra VV, Varaprasad G, Krishnasimha Reddy A. Pseudoarthrosis following fracture of left lamina of C2 vertebra causing compressive myelopathy. J Clin Sci Res 2012;101-2.

Accepted for publication

3. Rao MH, Sathyanarayana V, Srinivas B, Muralidhar A, Alok S, Krishna Reddy A, Hemanth N. Comparison of butorphanol & fentanyl for balanced anaesthesia in patients undergoing laparoscopic surgery. J Clin Sci Res.

1.5 CME's/Seminars/Workshops conducted by the department

1. Dr M.H. Rao, Senior Professor and Head as Organising Secretary conducted a National Level CME Programme “*Balaji Anaesthesia Postgraduate Update (BAPU-2012)*” and Workshop on “*Anaesthesiology and Critical Care*” during 1-2 September 2012.
2. Dr V. Sathayanarayana, Professor and Dr Aloka Samantaray, Additional Professor Conducted workshop on “*Supra glottic airway devices*” during BAPU – 2012 at SVIMS, Tirupati.

2.0 DEPARTMENT OF ANATOMY

Head of the Department i/c

Dr K. Madhavi

Principal i/c, College of Physiotherapy

Tutor

K. Thyagaraju

2.1 Research work

Dissertation submitted

The following dissertations during the year 2012.

- 1) Reshma MD. Morphological features, morphometric parameters and histological features of human fetal caecum and appendix at different gestational ages (MSc Dissertation). Tirupati : Sri Venkateswara Institute of Medical Sciences; 2012.
- 2) Havila Hasini S. Morphological features, morphometric parameters and Histological features of human fetal thymus at different gestational ages (MSc Dissertation). Tirupati : Sri Venkateswara Institute of Medical Sciences; 2012.
- 3) Jyothirmayi K. Morphological features, morphometric parameters and Histological features of human fetal stomach at different gestational ages (MSc Dissertation). Tirupati : Sri Venkateswara Institute of Medical Sciences; 2012.
- 4) Jaipal CH. Morphological features, morphometric parameters and Histological features of human fetal stomach at different gestational ages (MSc Dissertation). Tirupati : Sri Venkateswara Institute of Medical Sciences; 2012.
- 5) Sandhya N. Morphological features, morphometric parameters and chronological appearance of human fetal caecum and appendix at different gestational ages. (MSc Dissertation). Tirupati : Sri Venkateswara Institute of Medical Sciences; 2012.

2.2 Publication

1. **Thyagaraju K.** Trilobar pelvic kidney with renal vascular variations in fetus. Int J Biol Med Res. 2012; 3: 1854-6.

3.0 DEPARTMENT OF BIOCHEMISTRY

Senior Professor & Head

Dr P.V.L.N. Srinivasa Rao

Associate Professors

Dr Aparna R. Bitla

Dr M.M. Suchitra

PG Residents

III year

Dr T. Chandrasekhar

II year

Dr Y. Naresh

I year

Dr P. Swathi

3.1 Research work

Thesis work

Theses submitted

1. Kiranmayi VS. Evaluation of traditional and novel cardiovascular risk factors in patients with rheumatoid arthritis (MD thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

Ongoing Thesis work

1. Chandrasekhar T. Prevalence of factors influencing endothelial function in paediatric obesity (MD thesis).
2. Naresh Y. Clinical utility of estimation of salivary parameters in screening, diagnosis and monitoring kidney disease (MD Thesis).
3. Swathi P. Utility of serum total prostate specific antigen and free prostate specific antigen measurements in combination with serum CA 15-3 and serum CEA in breast tumours (MD Thesis).
4. Seshadri Reddy V. Oxidative stress and antioxidant defense mechanisms in patients with clinical and sub-clinical hypothyroidism (PhD Thesis).
5. Asha Latha VL. Novel biomarkers in studying the contrast – induced effects on kidney (PhD Thesis).
6. Madhusudhana Rao. Role of adipokines in endothelial dysfunction at various stages of chronic kidney disease (PhD Thesis).

7. Shivakrishna G. Gut derived uremic toxins in various stages of chronic kidney disease (PhD Thesis).

Dissertation work

Dissertation submitted

1. Sarvari G. Study of asymmetric dimethylarginine levels in patients with diabetic nephropathy (MSc Dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
2. Udaybaskar K. Study of Ischemia modified albumin levels in patients with diabetic nephropathy (MSc Dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
3. Sreenivasulu K. Association of triglyceride/high density lipoprotein ratio with disorders producing insulin resistance (MSc Dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
4. Rajyalakshmi K. Study of atherogenic index in rheumatoid arthritis (MSc Dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
5. Pullaiah P. Lipid peroxidation, protein carbonylation and anti oxidant status in rheumatoid arthritis (MSc Dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

Ongoing Dissertation work

6. Shalini P. Malondialdehyde, Protein thiols and Protein carbonyls in chronic kidney disease patients (MSc Dissertation).

7. Sasikala T. Urinary enzymes for early diagnosis of tubular dysfunction in type 2 diabetes mellitus (MSc Dissertation).
8. Tejaswi P. Lipid profile and atherogenic indices in pediatric obesity (MSc Dissertation).
9. Sathish P. Antioxidant enzymes superoxide dismutase and glutathione peroxidase in chronic kidney disease patients (MSc Dissertation).
10. Praveen A. Study of role of reactive oxygen species (ROS) and reactive nitration species (RNS) in acute kidney injury (MSc Dissertation).

Thesis work done in collaboration with other departments

Dr PVLN. Srinivasa Rao was *Co-guide* for the following theses

1. Aparna Reddy S. Diagnostic utility of glycosylated haemoglobin in diagnosing type 2 diabetes mellitus patients presenting to a tertiary care teaching hospital in South India (MD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
2. Sridhar AVSSN. To study oxidative stress – in chronic kidney disease in adults (DM Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

Dr Aparna R. Bitla was *Co-guide* for the following theses

1. Latheef K. Study of polymorphisms of MTHFR, IL-6 and ICAM-1 genes in patient with CAD (PhD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
2. Pradhan Dibyabhabha. In Silico identification of common Drug targets in Leptospira, molecular modeling and docking approaches for designing inhibitor molecules (PhD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

3. Arun Mukka. Prevalence of islet cell specific autoantibodies in type 2 Diabetes mellitus (DM Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

Dr M.M. Suchitra was *Co-guide* for the following theses

1. Bhavatej E. A prospective observational study on effect of topiramate usage on lithogenic risk (MCh Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012
2. Sailaja Anantarapu. Effects of thyroid hormone replacement on HbA1C levels in non-diabetic subjects with primary hypothyroidism (DM thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
3. Sravani C. Vitamin D receptor polymorphism in subjects with vitamin D deficiency (PhD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
4. Sandeep S. Designing RAS mediated pathway inhibitors and development of database (PhD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

3.2 Conferences attended, lectures delivered and sessions chaired

Dr P.V.L.N. Srinivasa Rao, attended the following conferences

1. The Quality council of India and Bio-Rad laboratories Ltd held on 15th March 2012 and delivered lecture on, “Need for quality control in modern clinical chemistry”.
2. CME on “Inborn errors in neonates” conducted by the department of Biochemistry and Paediatrics at SDU Medical College, Kolar on 10th October 2012 and delivered lecture on, “Biochemical basis of inborn errors of metabolism”.

Dr Aparna R. Bitla, attended the CME at

1. SV Medical College, Tirupati on 29th April 2012 and delivered lecture on, "Therapeutic drug monitoring".

Dr M.M. Suchitra, attended the CME at

1. "Advances in cell biology in cancer treatment" on 9th September 2012 at Bengaluru.

3.3 Publications

1. Supriya P, Bitla AR, Rajendra Prasad N, Rajagopal G, Madhusudhan Rao A, Suchitra MM, Sachan A, Srinivasa Rao PVLN. Original article: Body iron status and association with hyperinsulinaemia and hyperandrogenism in non-obese Indian women with polycystic ovarian syndrome, *J Clin Sci Res* 2012; 1:2-7.
2. Bitla AR, Kumari NM, Reddy NS, Nagaraju KV, Sachan A, Kumar VP, Suchitra MM, Srinivasa Rao PVLN. Original article: Antioxidant status in patients with metabolic syndrome as measured by ferric reducing ability of plasma (FRAP) assay. *J Clin Sci Res* 2012; 3:114-20.
3. Ramakrishna P, Prabhakar Reddy E, Suchitra MM, Bitla A.R, Srinivasa Rao PVLN, Siva Kumar V, Original article: Effect of reuse of polysulphone membrane on oxidative stress during haemodialysis. *Indian J Nephrol* 2012;22:200-5.
4. Pradeep Kumar V, Suchitra MM, Madhusudhana Rao A, Bitla A.R, Siva Kumar V, Srinivasa Rao PVLN. Original article: Evaluation of Ischemia modified albumin in Hepatitis C positive hemodialysis patients: a pilot study. *Int J Biomed Adv Res* 2012;3:555-62.
5. Sowjanya N, Bitla AR, Suchitra MM, Siva Kumar V, Srinivasa Rao PVLN. Correspondence: Endothelial dysfunction in early stages of chronic kidney disease: a pilot study. *J Clin Sci Res* 2012;1:109-10.
6. Kiranmayi VS, Srinivasa Rao PVLN, Bitla AR. Review: Metabolomics - the new "omics" of health care. *J Clin Sci Res* 2012;3:131-7.
7. Amaresh Reddy P, Harinarayan CV, Suresh V, Rajagopal G, Krishna Tilak T, Suchitra MM, Srinivasa Rao PVLN, Sachan A, Kalawat TC. Effect of block-replacement regimen on bone mineral density and biochemical markers in patients with thyrotoxic bone disease. *J Clin Sci Res* 2012; 1:60-70.
8. Srinivasa Rao PVLN, Kiranmayi V.S. Review Article: Biochemical mechanisms underlying atherogenesis. *J Clin Sci Res* 2012;1:24-34.
9. Haribabu A, Seshadri Reddy V, Pallavi Ch, Aparna R Bitla, Alok Sachan, Pullaiah P, Suresh V, Srinivasa Rao PVLN, Suchitra M.M. Original article: Evaluation of protein oxidation and its association with lipid preoxidation and thyrotropin levels in overt and subclinical hypothyroidism. *Endocrine* 2012 Dec [Epub ahead of Print].
10. Gadekal Rajagopal, Amaresh P. Reddy, Chittari Venkata Harinarayan, Vaikkakara Suresh, Aparna Bitla, Srinivasa Rao PVLN, Alok Sachan. Effect of Lifestyle Modification and Metformin Therapy on Emerging Cardiovascular Risk Factors in Overweight Indian Women with Polycystic Ovary Syndrome. *Meta Syndr Relat Disord* 2012;10:273-9.
11. Anil Kumar M, Aparna R. Bitla, Raju KVN, Suchitra MM, Siva Kumar V, Srinivasa Rao PVLN. Branched chain amino acid profile in early chronic kidney disease. *Saudi J Kidney Dis Transpl* 2012; 23:1202-1207.

12. Himabindu G, Rajasekhar D, Latheef K, Sharma PVGK, Vanajakshamma V, Abhijit Chaudhury C, Aparna R. Bitla. Factor V Leiden Mutation is not a Predisposing Factor for Acute Coronary Syndromes. Indian Heart J 2012;6:570-5.
13. Chandrasekhar T, Naresh Y, Suchitra MM, Suresh V. Correspondence: Post-prandial laboratory hypoglycaemia- apparent or real? J Clin Sci Res 2012;3:153-4.

3.4 Other academic activities

Dr PVLN.Srinivasa Rao

1. went as MCI inspector to Nagpur on 16-2-2012 at Chennai on 28-02-2012 and at Bagalkot on 18-05-2012.
2. attended a meeting Board of PGT&R at BLDE university, Bijapur, Karnataka on 26-06-2012.
3. went as an external examiner at S.V. Ayurvedic College, Tirupati on 03-09-2012.

Dr Aparna R. Bitla

1. Assessed written answer books for biochemistry at Datta Meghe Institute of Medical Sciences, Nagpur on 30th May - 2012.

Dr M.M. Suchitra

1. was examiner for MD Biochemistry thesis from Sri Ramachandra Medical College, Chennai.
2. was reviewer for the following journals
 - i) International Journal of Basic and Advanced Research.
 - ii) International Journal of Public Health & Epidemiology.
 - iii) International Journal of Medicine & Medical Sciences.
 - iv) Journal of Clinical and Scientific Research.

4.0 DEPARTMENT OF BIOINFORMATICS

Associate Professor & Head

Dr A. Umamaheswari

Teaching Assistant

Mr M. Munikumar

Project Assistant

Mr Dibyabhabha Pradhan

Research Scholars

Mr S. Sandeep

Mr P.D. Dibyabhabha

Mr N. Pradeep

Mr M. Munikumar

Ms I. Vani Priyadarshini

Ms K. Hema

4.1 Awards

1. Pradhan D, Priyadarshini V, Munikumar M, Sandeep S, Pradeep N, Hema K and Umamaheswari A, won *Association of Biotechnology & Pharmacy junior scientist award 2012 (1st Prize)* for the paper entitled "Discovery of potent MurC inhibitor of *Leptospira interrogans* through structure based drug designing" at the International Conference on Environment impact on human health and therapeutic challenges" organized by SV University, Tirupati, AP during 20- 22 December 2012.
2. Priyadarshini V, Pradhan D, Munikumar M, Sandeep S and Umamaheswari A, won best paper presentation award for the paper entitled "Genome-based approaches to develop epitope-driven subunit vaccines against infective endocarditis" in National seminar on "Emerging Trends in Biotechnology: Challenges and Opportunities" organized by Dravidian University, Kuppam, during 13-15 March 2012.
3. Priyadarshini V, Pradhan D, Munikumar M, Sandeep S and Umamaheswari A, won best poster award for the paper entitled "Homology modeling, docking and molecular dynamics simulations reveal potential inhibitors of *Legionella pneumophila* MurB reductase" in 3rd

National seminar on computer aided drug design organized by SVIMS University, Tirupati during 29-30 December 2011.



4.2 Fellowships granted by DBT

1. One DBT Research Associateship
2. One ICMR Senior Research Fellowship
3. One DST Inspire Fellowship
4. Two DBT Traineeships
5. Two DBT Studentships
6. Three BCIL trainee fellowships

4.3 Dissertation work

Dissertation submitted

1. Ramesh G. Structure based virtual screening to discover potent antagonists for human ppif: a drug target of cardiovascular disease (MSc dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
2. Geetha Y. Identification of novel human growth factor receptor bound protein-2

Activators through docking studies (MSc dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

3. Reshma Khan. Structure based virtual screening to design novel potent inhibitors for human alpha-1-acid glycoprotein (orm1) involved in cardiovascular diseases (MSc dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
4. Althaf Basha B. Virtual screening to design drug molecules for human cathepsinD. (MSc dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
5. Sandhya A. Identification of novel agonist for human apolipoprotein A1 using structure based virtual screening. (MSc dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
6. Discovery of novel inhibitors for human macrophage colony stimulating factor1 receptor (csflr) through molecular docking studies by Ms. D. Deepthi Reddy. (MSc dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
7. Prasad D. Docking studies to discover novel therapeutic antagonists for human sulfhydryl oxidase1. (MSc dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
8. Tejaswi G. Structure based virtual screening to design novel activators for human hcfii involved in cardiovascular diseases (MSc dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
9. Anila N.S.S. In silico analysis to explore novel antagonists for human insulin like growth factor binding protein-1 (IGFBP-1) involved in cardiovascular diseases. (MSc dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
10. Aswini S R. Strategic molecular docking to explore novel inhibitors against human

complement component c8 alpha chain. (MSc dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

11. Keerthi kumara B. Discovery of novel human ficolin-3 activators based on molecular docking studies. (MSc dissertation). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

Ongoing Dissertation work

12. Anila NSS Structure prediction and identification of potential antagonists for human colla1 (MSc Dissertation).
13. Aswini S R. Designing novel lead molecules for human coagulation factor xiii b involved in cardiovascular diseases (MSc Dissertation).
14. Hema K. In silico identification of novel agonists for human extracellular superoxide dismutase 3 (MSc Dissertation).
15. Navya P. Structure prediction and virtual screening of human complement protein C9 (MSc Dissertation).

4.4 Lectures delivered

Dr A. Umamaheswari, delivered lead talks on

1. "Designing para-(benzoyl)-phenylalanine an abiotic molecule as potent drug against leptospirosis in National conference on biotic and abiotic molecules - their health effects and therapeutic applications (BAMHT-2012)" at S.V University, Tirupati, during 24-25 February 2012.
2. "Bioinformatics approaches to overcome multi drug resistance in pathogenic Bacteria" National seminar on "Trends in waste management – Need of the hour" organized by Dept. of Zoology, S.K.R. Govt. Degree College, Gudur, AP, India during 8-9 October 2012.

3. "Role of Bioinformatics in development of antiviral agents with special reference to Yellow fever virus" in the CME organized on 1st December 2012
4. "Computational approaches to identify common T cell subunit vaccine candidates against bacterial meningitis" International Conference on Environment impact on human health and therapeutic challenges" organized by SV University, AP, India during 20-22 December 2012.

4.5 Paper Presentations

At the International Conference on Environment impact on human health and therapeutic challenges organized by Dept. of Virology, SV University, AP, India during 20-22 December 2012, the following papers were presented

1. Munikumar M, Priyadarshini I.V., Pradhan D, Sandeep S, Pradeep N, Hema K and Umamaheswari A. In silico identification of common putative drug targets among the pathogens of bacterial meningitis
2. Priyadarshini I.V., Pradhan D, Munikumar M, Sandeep S, Pradeep N, Hema K and Umamaheswari A. *In silico* identification of potential inhibitors against acetyl-coA carboxylase, biotin carboxyl carrier protein associated with infective endocarditis
3. Pradhan D, Priyadarshini V, Munikumar M, Sandeep S, Pradeep N, Hema K and Umamaheswari A. Discovery of potent MurC inhibitor of *Leptospira interrogans* through structure based drug designing.
4. Priyadarshini IV, Pradhan D, Munikumar M, Sandeep S, Pradeep N, Hema K, Umamaheswari A. In silico identification of potential inhibitors against acetyl-coA carboxylase, biotin carboxyl carrier protein associated with infective endocarditis
5. Lakshmi Narayana Rao C, Ramesh G, Pradhan D, Umamaheswari A. Structure based virtual screening to discover potent antagonists for human PPIF: a drug target of cardiovascular disease
6. Geetha Y, Munikumar M, Umamaheswari A. Identification of novel human growth factor receptor bound protein2 activators through docking studies
7. Reshma, Hema K, Umamaheswari A. Structure based virtual screening to design novel potent inhibitors for human alpha-1-acid glycoprotein (ORM1) involved in cardiovascular diseases
8. Althaf Basha B, Pradeep N, Umamaheswari A. Virtual screening design drug molecules for human Cathepsin D
9. Sandhya A, Sandeep S, Umamaheswari A. Identification of novel agonist for human apolipoprotein A1 using structure based virtual screening.

At the conference on Advanced Biopharmaceutical strategies-A regulatory perspective (ABS 2012) organized by Sree Vidyanikethan College of Pharmacy, Tirupati, during 13-14 July 2012 following papers were presented

At the National conference on pharmaceutical industry and academic partnership-for professional excellence organized by Sri Padmavathi Mahila Visvavidyalayam (Women's University) Tirupati, from 5- 6 October 2012 following papers were presented

10. Deepthi Reddy D, Navya P, Umamaheswari A. Discovery of novel inhibitors for human macrophage colony stimulating factor1 receptor (CSF1R) through molecular docking studies.
11. Prasad D, Pradhan D, Umamaheswari A. Docking studies to discover novel therapeutic antagonists for human sulfhydryl oxidase1.
12. Tejaswi G, Sandeep S, Umamaheswari A. Structure based virtual screening to design novel activators for human HCFII involved in cardiovascular diseases

13. Anila N, Hema T, Umamaheswari A. In silico analysis to explore novel antagonists for human insulin like growth factor binding protein-1 (IGFBP-1) involved in cardiovascular diseases
14. Aswini SR, Priyadarshini IV, Umamaheswari A. Strategic molecular docking to explore novel inhibitors against human complement component c8 alpha chain
15. Keerthi kumari, Munikumar M, Umamaheswari A. Discovery of novel human ficolin-3 activators based on molecular docking studies
16. Priyadarshini IV, Pradhan D, MuniKumar M, Sandeep S, Umamaheswari A. Genome-based approaches to develop epitope-driven subunit vaccines against infective endocarditis was presented and published in National Seminar on Emerging Trends in Biotechnology: Challenges and Opportunities organized by Dravidian University, Kuppam during 13-15 March 2012.
17. Navya PK, Divya M, Hema K, Umamaheswari A. In silico design of potent agonists for human PPAR gamma, was presented and published at the National Conference on Modern Innovations and Approaches in Biotechnology (NCMIAB-2012), organized by Sri Padmavathi Mahila Visvavidyalayam (Women's University) Tirupati during 29th February - 1st March 2012.
18. Priyadarshini IV, Pradhan D, Munikumar M, Umamaheswari A. Structure based virtual screening towards identification of potential thioredoxin reductase inhibitors for infective endocarditis therapy, was presented and published at the National conference on Biotech and Biotech Molecules - their Health effects and Therapeutic applications (BAMHT-2012), organized by S.V University, Tirupati during 24-25 February 2012.
19. Hema K, Harika M, Navya P, Umamaheswari A. In silico identification of potential antagonists for human Casein kinase II sub-unit alpha, was presented and published at the National Seminar on Advances in Microbial Technology organized by Sri Padmavathi Mahila Visvavidyalayam (Women's University) Tirupati during 13-14 February 2012.
20. Pradhan D, Priyadarshini IV, Munikumar M, Sandeep S, Umamaheswari A. Homology modeling, docking and molecular dynamics simulations for designing potential inhibitors against KDO-8-phosphate synthase of *Leptospira interrogans*, was presented and published at the National Symposium on Bioinformatics: Bioinformatics: Challenges in the post-genomic era organized by University of Jammu, Jammu, on 2nd February 2012.

4.6. Publications

1. Pradhan D, Priyadarshini V, Munikumar M, Swargam S, Umamaheswari A, and Aparna B. Para-(benzoyl)-phenylalanine as a potential inhibitor against LpxC of *Leptospira* spp.: Homology modeling, docking and molecular dynamics study. J Biomol Struct Dyn 2012 (In press).
2. Munikumar M, Priyadarshini V, Pradhan D, Umamaheswari A, and Vengamma B. Computational approaches to identify common subunit vaccine candidates against bacterial meningitis. Interdiscip Sci. 2012 (In Press).
3. Anjum M, Pradhan D, Priyadarshini V, Munikumar M, Sandeep S, Umamaheswari A. Identification of potent antagonists against BACE-1 through structure based virtual screening approach. J Clin Sci Res 2012 (In Press).
4. Priyadarshini V, Pradhan D, Munikumar M, Sandeep S, Umamaheswari A, Rajasekhar D. Molecular modeling, docking and dynamics studies of Biotin carboxyl carrier

Protein of acetyl-CoA carboxylase to discover potential inhibitors. J Clin Sci Res 2012 (In Press).

5. Munikumar M, Priyadarshini V, Pradhan D, Swargam S, Umamaheswari A, Vengamma B. In Silico Identification of common putative drug targets among the pathogens of bacterial meningitis. Biochem & Anal Biochem 2012; 1(8):100-23
6. Navya P, Hema K, Munikumar M, Swargam S, Umamaheswari A. Molecular docking of a beta-2-microglobulin drug target. Online J Bio Inform 2012; 3:93-201.
7. Hemanthkumar M, Umamaheswari A. (2012) Homology model of sugarcane soluble acid invertase. Online J Bio Inform 2012; 3:93-201.
8. Sandeep S, Priyadarshini V, Pradhan D, Munikumar M, Umamaheswari A. Docking and molecular dynamics simulations studies of human protein kinase catalytic subunit

alpha with antagonist. J Clin Sci Res 2012; 1:15-23.

9. Umamaheswari A, Pradhan D, Hemanthkumar M. Computer aided subunit vaccine design against pathogenic Leptospira serovars. Interdisciplinary Sciences: Computational Life Sciences 2012; 4:38-45.

4.7 CME / Guest lecture / Training programme conducted

1. CME on Antiviral agents jointly by Dept. of Microbiology, Biotechnology and Bioinformatics on 1st December 2012.
2. Rami Reddy M, presented a guest lecture on "Use of computer aided drug design methods & structural biology in the discovery of new classes of clinical candidates on Diabetes & AIDS" on 4th December 2012.
3. One day training program by Dr Rathore on, "Schrodinger software suite" on 5th December 2012.

5.0 DEPARTMENT OF BIOTECHNOLOGY

Associate Professor & Head

Dr PVGK Sarma

Teaching Assistants

Mr U. Venkateswara Prasad

Research Scholars

Mr U. Venkateswara Prasad
Mr S. Yeshwant

Mr K. Venkatesh
Ms V. Swarupa

Mr L. Srikanth

5.1 Award

K. Venkatesh was awarded *Consolation Best poster Award* in the DST-PURSE National Conference on “Biotic and Abiotic Molecules - Their Health Effects and Therapeutic Applications” (BAMHT-2012) held at Sri Venkateswara University, Tirupati-517507, AP, during 24-25 February 2012.

5.2 Research work

Thesis work

Thesis submitted

Vasu D, was awarded with Ph.D degree on the topic entitled “Molecular characterization of Tyrosine kinase and Serine/Threonine Kinase from *Staphylococcus aureus* ATCC12600” (PhD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

5.3 Conferences attended, lecture delivered, papers presented

1. Dr P.V.G.K. Sarma on “Environment and human health” at Refresher course in VII R.C in environmental studies for college and university teachers on 28th December 2012 at UGC-Academic Staff College, Sri Venkateswara University, Tirupati.

2. Presentations by the post graduates

Post graduates attended the conference entitled “Biotic and Abiotic Molecules - Their health effects and therapeutic applications” (BAMHT-2012) held at Sri Venkateswara University, DST-PURSE centre, Tirupati-517507, AP, India

during 24-25 February 2012 and presented posters on

- i) Comparison and correlation of binding mode of ATP in the kinase domains of hexokinase family by P.Santhosh Kumar, Y.Nanda Kumar, G. Sowjanya, P.V.G.K. Sarma and M.Bhaskar.
- ii) Isolation, Purification and characterization of pyruvate kinase from *Staphylococcus aureus* - a potential drug target by Venkatesh K, Srikanth L, Swarupa V, Yeswanth S, Prasad U V, Vasu D, Nanda kumar Y, Abhijit Chaudhary and Sarma PVGK.
- iii) Molecular characterization of NADKinase from *Staphylococcus aureus* ATCC12600 by Swarupa V, Yeswanth S, Venkatesh K, Srikanth L, Prasad UV, Vasu D, Nanda kumar Y, Abhijit Chadhary and Sarma PVGK.
- iv) Molecular characterization of glucokinase from *S. aureus* ATCC12600 by Venkateswara Prasad. U, Harsha Vardhan. B, Ratnakar Reddy. K, Narendranath. A, Lakshmi Prasanna H, Swarupa V, Yeswanth S, Venkatesh K, Srikanth L, Nanda Kumar Y, Vasu D, Lakshminarasu M, Sarma PVGK.

- v) Ramprasad Reddy Akkamgari, Subramanian S, Ganesh A, Sarma PVGK, Santhosh Kumar P. A rare case of primary synovial sarcoma of the kidney. International conference, APSOGUS 2012.

The International conference on “Environmental impact on Human Health and Therapeutic Challenges” (ICEHT - 2012), 6th Annual Convention of Association of Bio- technology and Pharmacy (ABAP), held at Sri Venkateswara University, DST-PURSE centre, Tirupati-517507, AP, India during 20-22 December 2012. Students presented posters on

- i) Biofabricated silver nanoparticles interactions with the Human CD 34 +ve cells: novel therapeutics in regenerative medicine for health and disease by Venkata Subbaiah Kotakadi, Susmila Aparna Gaddam, Subba Rao Y, D.V.R. Sai Gopal, K.Venkatesh, L. Srikanth, P.Santhosh Kumar, P.V.G.K. Sarma, Vengamma B.
- ii) Molecular analysis of Glucokinase and Lactate dehydrogenase genes of *Staphylococcus aureus* observed in the elevated rate of biofilm formation. International conference on “Environmental impact on Human Health and Therapeutic Challenges” by S. Yeswanth, H. Prasanna Lakshmi, U. Venkateswara Prasad, D.Vasu, V. Swarupa, Abhijit Chaudhury, P.V.G.K. Sarma.
- iii) Identification and analysis of novel R308K mutation in glucokinase of a Type 2 diabetic patient and its kinetic correlation by Y. Nanda Kumar, V. Koteswara Rao, PVGK. Sarma, M. Bhaskar.

5.4 Publications

In Index Medicus

1. Siddhartha Kumar B, Sarma PVGK, Lava Kumar Reddy, Manoj Prajwal B, Alladi Mohan, Siva Kumar V. Mutation analysis of PKD1 gene in Indian population. Saudi J.Kidney.Dis. Transpl 2012;23:143-7.
2. Santhosh Kumar P, Srinivasa Rao V, Abdul K, Prasad UV, Nanda Kumar Y, Sarma PVGK. Validation, quantitative and qualitative analysis of felodipine drug using HPLC. J Pharm. Res 2012;5:1838-40.
3. Nanda Kumar Y, Kalpana K, Venkateswara Swamy K, Sarma PVGK, Bhaskar M. Molecular dynamics simulations of MODY 2 mutated Glucokinase structures revealed significant conformational variations explaining reasons for hyperglycemic condition. Int J Pharm Bio Sci 2012;3:493-9.
4. Nanda Kumar Y, Santhosh Kumar P, Sowjanya G, Koteswara Rao V, Yeswanth S, Venkateswara Prasad U, Pradeepkiran JA, Sarma PVGK, Bhaskar M. Comparison and correlation of binding mode of ATP in the kinase domains of Hexokinase family. Bioinformation 2012;8: 543-7.
5. Himabindu G, Rajasekhara D, Latheef K, Sarma PVGK, Vanajakshamma V, Abhijit Chaudhury, Aparna R. Bitla. Factor V Leiden mutation is not a predisposing factor for acute coronary syndromes, Ind Heart J 2012; 64:570-5.
6. Hari Prasad O, Nanda Kumar Y, Reddy OVS, Abhijit Chaudhary and Sarma PVGK Cloning, Expression, Purification and Characterization of UMP Kinase from *Staphylococcus aureus*. Protein J 2012; 31:345-52.
7. Rathnakar Reddi KVN, Santhosh Kumar P, Prasad UV, Yeswanth S, Swarupa V, Vasu D, Venkatesh K, Srikanth L, Nanda Kumar Y,

- Sarma PVGK. Isolation, purification and characterization of glucokinase from *Staphylococcus aureus*, J Pharm Res 2012.
8. Venkateswara Prasad U, Vasu D, Nanda Kumar Y, Santhosh Kumar P, Yeswanth S, Swarupa V, Phaneendra BV, Abhijit Chaudhary, P.V.G.K. Sarma. Cloning, expression and characterization of NADP - dependent isocitrate dehydrogenase from *Staphylococcus aureus*. APpl J Pharm Research 2012;12:27-8.
 9. Nanda Kumar Yellapu, Kalpana Kandlapalli, Koteswara Rao Valasani, Sarma PVGK and Bhaskar Matcha. Structural Variations of Human Glucokinase Glu256Lys in MODY2 Condition Using Molecular Dynamics Study. Biotechnol Res, Int. (Accepted).
 10. Srikanth L, Ramaiah J, Venkatesh K, Sriram P, Tejachandra G, Kannan T, Sarma P.V.G.K. Differential expression of ADH and ALDH2 can be a diagnostic marker in gastroesophageal cancer. Curr Trends in Biotechnol and Pharm 2012; 6: 112-8.
 11. Swathi S, Rizwana S, Anjan Babu G, Santhosh Kumar P, Sarma PVGK. Classification of neural network structures for breast cancer diagnosis. Int J Comp Sci Commun 2012; 3: 227-231.
 12. Santhosh Kumar P, Jayanthi B, Abdul K, Prasad UV, Nanda Kumar Y, PVGK Sarma. A validated high performance liquid chromatography (HPLC) method for the estimation of cefuroxime axetil. Res J Pharm Biol Chem Sci 2012; 3: 223-8.
 13. Venkatesh K, Goetz Reiner, Debral AK, Pavan Kirpan, Martin Reers, Murthy PVVS, Swarupa V, Srikanth L, Sarma PVGK. pH Optimization and production of high potent Cellular vaccine by *Bordetella pertussis*. Int J Comp Sci Commun 2012; 3: 17-25.
 14. Sarma PVGK, Venkatesh K, Srikanth L, Sarma PU, Murthy PS. Isolation, purification and characterization of cardiolipin synthase from *Mycobacterium phlei*. Int J Biotechnol Bioengineering; 2012 (Accepted).
 15. Venkatesh K, Srikanth L, Swarupa V, Yeswanth S, Prasad UV, Vasu D, Vishnuvardhan GP, Srinivas P, Santhoshkumar P, Sowjanya G, Nandakumar Y, Chaudhary A, Sarma PVGK. Isolation, purification and characterization of pyruvate kinase from *Staphylococcus aureus*: a potential drug target. J Clin Sci Res 2012; 1:76-82.
 16. Nanda Kumar Y, Pradeep Kiran JA, Santhosh Kumar P, Yeswanth S, Kalpana K, Koteswara Rao V, Sarma PVGK, Bhaskar M. Molecular docking assessment of pyridone derivatives as glucokinase activators. J Clin Sci Res 2012;1:163-73.

5.5 Patents

1. Identification of tyrosine kinase and serine/threonine kinase activities in *Staphylococcus aureus* ATCC12600. Indian Patent filed: TR-5. C.B.R. NO: 6535
2. The department is engaged in human adult stem cell research. This year, so far, in collaboration with Department of Neurosurgery carried out autologous stem cell transplantation in 7 patients with spinal nerve injuries.

5.6 CME conducted

1. In collaboration with departments of Microbiology and Bioinformatics, on "Antigenic variation in HIV – a molecular approach" on 1st December 2012.

6.0 DEPARTMENT OF CARDIOLOGY

Professor & Head

Dr D. Rajasekhar

Professor

Dr V. Vanajakshamma

Assistant Professors

Dr M.L. Sreenivasa Kumar

Dr Ch. Shashanka

Dr V. Ganeswara Reddy

Dr C.S. Thejanandan Reddy

III Year

Dr B.S. Praveen Kumar

Dr C. Santhosh Kumar

Dr U. Venkateswara Rao

Dr D. Sartath Babu

II Year

Dr M. Butchi Babu

Dr C. Sivasankara

Dr A. Vidyasagar

Dr K.P. Ranganayakulu

I Year

Dr P. Vasudeva Chetty

Dr A. Ravi Kanth

Dr K. Naresh

Dr A. Vamsidhar

6.1 Awards

1. The Department performed more than 1000 Angioplasties in a calendar year for the second year in succession in 2012. (n=1077)
2. The Department performed the highest number of interventions in a calendar year in 2012, (n=1400) the highest since inception.
3. The Department performed 313 Primary angioplasties in the year 2012 the highest by any single centre in the state.
4. Dr V. Ganeswara Reddy, Post graduate in cardiology received Young Scientist Award (Gold Medal) for his presentation "Effect of percutaneous mitral balloon valvuloplasty on left atrial appendage function: Transesophageal echo study" at 17th A.P. Chapter annual conference of Cardiological Society of India, held at Hyderabad in June 2012.
5. Dr A. Vidyasagar, post graduate in cardiology, received *Best Poster presentation Award* in 64th Annual Cardiological Society of India conference held at Delhi during 06.12.2012 to 09.12.2012 on

"Assessment of Right Ventricular function by 2D and 3D Echo before and after ASD device closure".

6.2 Research work

Thesis work

Theses submitted

1. Thejanandan Reddy C.S. N-terminal proBNP and Tissue Doppler imaging in diastolic heart failure (DM Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
2. Ganeswara Reddy V. Effect of percutaneous mitral balloon valvuloplasty on left atrial appendage function: Transesophageal echo study (DM Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

Ongoing Thesis work

1. Praveen Kumar B.S. Clinical and Thrombotic profile of patients presenting with symptomatic pulmonary embolism (DM Thesis).
2. Venkateswara Rao U. Primary percutaneous coronary intervention in STEMI immediate and intermediate outcomes (DM Thesis).

3. Santosh Kumar C. Impact of successful percutaneous transluminal mitral valve commissurotomy on right ventricular function (DM Thesis).
4. Sarath Babu D. Evaluation of characteristics, predictors and clinical implications of iatrogenic atrial septal defects after PTMC with real time 3 dimensional echocardiography (RT3DE) (DM Thesis).
5. Siva Sankara C. The prognostic significance of N-terminal proBNP 3D LA dyssynchrony in-patients with acute ST-elevation myocardial infarction (STEMI) undergoing Primary Percutaneous Coronary Intervention (PCI) (DM Thesis).
6. Vidyasagar A. Assessments of RV function by 2D and 3D echocardiography before and after ASD device closures (DM Thesis).
7. Ranganayakulu K.P. Plasma N-terminal proBNP levels as a marker of adequacy of valvotomy in patients with rheumatic mitral stenosis (DM Thesis).
8. Buchi Babu M. Study of the relationship between metabolic syndrome score and angiographic severity of coronary artery disease (DM Thesis).
3. Vani Priyadarshini I. Identification of common drug targets, Drug molecules and vaccine candidates against causative organisms of Infective endocarditis using *in silico* methods (PhD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
4. Sujatha B. Morphology and Morphometric pattern of Myocardial bridges and association with Ischemia in Adult Human heart (PhD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

Dr V. Vanajakshamma, was *Co-guide* for the PhD thesis entitled

1. Shanti C. Influence of graded aerobic exercise on quality of life and exercise tolerance in post surgical Mitral valve disease individuals randomised open label study (PhD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
2. Latheef K. Study of polymorphisms of MTHFR, IL-6 and ICAM-1 genes in patients with coronary artery disease (PhD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

Thesis work done in collaboration with other Departments

Theses submitted

Dr D. Rajasekhar, was *Co-guide* for the following Theses

1. Madhavi K. Influence of graded aerobic exercising in post surgical adult acynotic congenital heart disease a prospective randomised clinical trial (PhD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
2. Asha Latha VS. Novel Biomarkers in Studying the Contrast - Induced Effects on Kidney. (PhD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

6.3 Research Projects

Ongoing Research Projects

1. Rajasekhar D. Clopidogrel resistance in patients with acute coronary syndromes, chronic stable angina undergoing percutaneous coronary interventions and correlation with genetic polymorphism of CYP2C19.
2. Rajasekhar D. Acute coronary syndromes and impaired glucose intolerance.
3. Vanajakshamma V. A study of the relationship between plasma level of Adiponectin and severity of coronary artery lesions on the angiogram in patients with metabolic syndrome.

4. Srinivasa Kumar M.L. Study of N-terminal proBNP levels in unstable angina patients with preserved left ventricular systolic function and its correlation with severity of the coronary lesions.
5. Latheef K. Study of polymorphisms of *MTHFR*, *IL-6* and *ICAM-1* genes in patients with coronary artery disease.

6.4 Conferences attended, lectures delivered

Dr D. Rajasekhar, attended the following

International

1. 24th Annual Scientific Symposium of Transcatheter Cardiovascular Therapeutics (TCT 2012), held at Miami, Florida; during 22-26 October 2012 as advisory faculty member.

National

2. CME at SVIMS, Tirupati on 3rd March 2012 and delivered lecture on "Thrombolytic therapy for STEMI.
3. The annual interventional council meeting of cardiological society of India and participated as a panelist at Kochi in April 2012.
4. CME of IMA Chapter Tirupati on 15th April, 2012 and delivered a lecture on Primary Percutaneous Coronary Intervention for STEMI.
5. 17th A.P. chapter of Cardiological Society of India annual conference, held at Hyderabad on 8-9 June, 2012 and delivered lecture on Vitamins and heart disease.
6. "What is the optimal target for conventional risk factors for Coronary Artery Disease prevention?" in "Basics and Beyond", organized by Yashoda Hospitals, Hyderabad, on 24th June 2012.
7. 19th Annual National conference of Indian College of Cardiology held at New Delhi, from 8-9 September, 2012 and delivered

Lecture on Exercise testing for Chronic Stable Angina.

8. World Heart Day celebrations, organized by Kurnool Medical College, on 29th September, 2012 and delivered lecture on Current advances in management of Acute Coronary Syndromes.
9. 64th National Cardiological Society of India annual conference, held at New Delhi, during 6-9 December 2012 and delivered lecture on Low molecular weight heparins-current level of comfort in cathlab after a decade of use.

Dr Ch. Shashanka, attended the following academic sessions

1. CARE Hospitals, Hyderabad, on 7th April, 2012 on Ventricular tachycardia Symposium by Dr C. Narasimhan.
2. 17th Annual A.P chapter of Cardiological Society of India conference, held at Hyderabad from 8-9 June 2012.
3. Advanced Cardiovascular Solutions India 2012, held at Hyderabad, during 2-5 August 2012.

Dr M.L. Sreenivasa Kumar, attended the following academic meetings

1. CARE Hospitals, Hyderabad, on 7th April, 2012 on Ventricular tachycardia Symposium by Dr C. Narasimhan.
2. Advanced Cardiovascular Solutions India 2012, held at Hyderabad, during 2-5 August 2012.

Dr C.S. Thejanandan Reddy, attended the following academic meetings

1. The CME at Kurnool Medical college on 29th September 2012 on the occasion of World Heart Day
2. TRICO 2012, the 8th International Trans-radial Intervention Course held on 3-4 November 2012 at Apex Heart Institute, Ahmedabad.

3. Frontier Postgraduate training program held at Chennai

Dr V. Ganeswara Reddy, attended the following

TRICO 2012, the 8th International Transradial Intervention Course was held on 3-4 November 2012 at Apex Heart Institute, Ahmedabad.

Postgraduate students

Dr C.S. Thejanandan Reddy, attended the following

1. Madras Medical Mission Training program held at Chennai, in February 2012
2. 17th Annual A.P chapter of Cardiological Society of India conference, held at Hyderabad during 8-9 June 2012.

Dr V. Ganeswara Reddy, attended the following

1. Madras Medical Mission Training program held at Chennai, in February 2012
2. 17th Annual A.P chapter of Cardiological Society of India conference, held at Hyderabad during 8-9 June 2012.
3. Frontier Postgraduate training program held at Chennai

Dr B.S. Praveen Kumar, attended the following:

1. 17th Annual A.P chapter of Cardiological Society of India conference, held at Hyderabad during 8-9 June 2012.
2. Advanced Cardiovascular Solutions India-Fellows training program 2012, held at Hyderabad, on 2nd August, 2012.
3. Training Program conducted by the KIMS, Hyderabad, during 18-19 August 2012.
4. South Zone Cardiology post-graduates Quiz competition, held at Bangalore in September 2012
5. 64th National Cardiological Society of India Conference, held at New Delhi during 6-9 December 2012.

Dr U. Venkateswara Rao, attended the following

1. 17th Annual A.P chapter of Cardiological Society of India conference, held at Hyderabad during 8-9 June 2012.
2. Training Program conducted by the KIMS, Hyderabad, during 18-19 August 2012.
3. The South Zone Cardiology post-graduates Quiz competition, held at Bangalore in September 2012.
4. 64th National Cardiological Society of India Conference, held at New Delhi during 6-9 December, 2012.

Dr C. Santosh Kumar, attended the following

1. 17th Annual A.P chapter of Cardiological Society of India conference, held at Hyderabad during 8-9 June 2012.
2. Advanced Cardiovascular Solutions India-Fellows training program 2012, held at Hyderabad, on 2nd August, 2012.
3. Training Program conducted by the KIMS, Hyderabad, during 18-19 August 2012.
4. The South Zone Cardiology post-graduates Quiz competition, held at Bangalore in September 2012
5. 64th National Cardiological Society of India Conference, held at New Delhi during 6-9 December 2012.

Dr D. Sarath Babu, attended the following

1. 17th Annual A.P chapter of Cardiological Society of India conference, held at Hyderabad during 8-9 June 2012.
2. Advanced Cardiovascular Solutions India-Fellows training program 2012, held at Hyderabad, on 2nd August, 2012.
3. Training Program conducted by the KIMS, Hyderabad, during 18-19 August 2012.
4. 64th National Cardiological Society of India Conference, held at New Delhi during 6-9 December 2012.

Dr K.P. Ranganayakulu, attended the following

1. 64th National Cardiological Society of India Conference, held at New Delhi from 6th to 9th December, 2012

Dr A. Vidyasagar, attended the following

1. 64th National Cardiological Society of India Conference, held at New Delhi during 6-9 December 2012.

6.5 Presentations by postgraduate students

Oral presentations

1. Dr V. Ganeswara Reddy presented a paper on "Effect of percutaneous mitral balloon valvuloplasty on left atrial appendage function: Transesophageal echo study" in A.P. State chapter Cardiological Society of India conference, held at Hyderabad in June 2012.
2. Dr C.S. Thejanandan Reddy presented a paper on "N-terminal proBNP and Tissue Doppler in diastolic heart failure" in A.P. State chapter Cardiological Society of India conference, held at Hyderabad in June 2012.
3. Mr. K. Latheef presented a paper on "Factor V Leiden mutation is not a predisposing factor for acute coronary syndromes" in International Conference on Recent Trends in Atherosclerosis and 25th Annual Conference of The Indian Society for Atherosclerosis Research (ISARCON-2012), held at Chidambaram, from 1st to 3rd September, 2012.

Posters

In 64th National Cardiological Society of India Conference, held at New Delhi from 06.12.2012 to 09.12.2012 the following posters were presented.

1. Dr K.P. Ranganayakulu on "Plasma NTproBNP as a marker of successful percutaneous transvenous mitral commissurotomy in patients with rheumatic mitral stenosis".

2. Dr C. Santosh Kumar on "Impact of successful percutaneous transluminal mitral valve commissurotomy on right ventricular function".
3. Dr D. Sarath Babu on "Evaluation of characteristics, predictors and clinical implications of iatrogenic atrial septal defects after PTMC with Real time 3 dimensional echocardiography (RT3DE)".
4. Dr A. Vidyasagar on "Assessment of RV function by 2D and 3D Echo before and after ASD device closure".
5. Dr U. Venkateswara Rao on "Primary Percutaneous coronary intervention STEMI, an initial experience at SVIMS".
6. Dr B.S. Praveen Kumar on "Clinical profile of patients with pulmonary embolism".

6.6 Publications

Original Articles

1. Guruprasad S, Rajasekhar D, Subramanyam G, Srinivasa Rao PVLN, Vanajakshamma V, Latheef K. High sensitivity C-reactive protein levels across spectrum and severity of coronary artery disease. *J Clin Sci Res* 2012;1:26-30
2. Ganeswara Reddy V, Rajasekhar D, Vanajakshamma V. Effect of percutaneous mitral balloon valvuloplasty on left atrial appendage function: Transesophageal echo study. *Indian Heart J.* 2012;64:462-8.
3. Latheef K, Praveen M, Vanajakshamma V, Rajasekhar D. Correlation of coronary artery disease angiographic severity with intima-media thickness of carotid artery. *J Indian Coll Cardiol* 2012;2:144-49.
4. Himabindu G, Rajasekhar D, Latheef K, Sarma PVGK, Vanajakshamma V, Abhijit Chaudhury, Aparna R. Bitla. Factor V Leiden mutation is not a predisposing factor for acute coronary syndromes. *Indian Heart J.* 2012;64:570-5.

Case Reports

5. Rajasekhar D, Vanajakshamma V, Shashanka C, Srinivas Kumar ML, SarathBabu D. An unusual case of native tricuspid valve endocarditis and sepsis in a child with structurally normal heart mimicking bronchopneumonia. *J Clin Sci Res* 2012;1:97-100.
6. Sreenivas Kumar ML, Rajasekhar D, Vanajakshamma V, Shashanka C. Anomalous right coronary artery arising from left anterior descending artery. *J Clin Sci Res* 2012;1:144-7.
7. C.Shashanka, D. Rajasekhar, V. Vanajakshamma, M.L. Srinivas Kumar. A rare coronary anomaly: Intercoronary communication between the circumflex and right coronary arteries. *J Indian Coll Cardiol* 2012; 2:167-69.
8. Buchi Babu M, Rajasekhar D, Vanajakshamma V. Hyperdominant left anterior descending artery continuing as posterior descending artery: a rare coronary artery anomaly. *Cath Lab Digest* 2013;21:35-36.

Accepted for Publication

Original Articles

9. Venkateswara Rao UV, Rajasekhar D, Vanajakshamma V, Niranjan Reddy. Study of 3D Magnetic Resonance angiography vs Angiography in Tetralogy of Fallot. (*Asian Cardiovascular and Thoracic annals*).
10. Shashanka C, Rajasekhar D, Vanajakshamma V. Three dimensional Echocardiographic assessments before and after percutaneous transvenous mitral commissurotomy in patients with Rheumatic mitral stenosis. *JHVD*;2012

The following papers were published as Original Articles in indexed Journals (International) with SVIMS as an Investigational Centre and

Dr Rajasekhar as Principal Investigator :

1. Steg PG, Mehta SR, Jukema JW. RUBY-1: a randomized, double-blind, placebo-controlled trial of the safety and tolerability of the novel oral factor Xa inhibitor darexaban (YM150) following acute coronary syndrome. *European Heart J* (2011) ; 32 :2541-54 Doi:10.1093/eurheartj/ehr334.
2. Kakkar AK, Cimminiello C, Goldhaber SZ, Parakh R, Wang C, Bergmann JF, LIFENOX Investigators. Low-Molecular-Weight Heparin and Mortality in Acutely Ill Medical Patients. *N Eng J Med*. 2011;365: 2463-72.
3. Roe MT, Armstrong PW, Fox KA. Prasugrel versus Clopidogrel for Acute Coronary Syndromes without Revascularization. *N Engl J Med*. 2012;367:1297-309.

Abstracts Published in Indexed Journal Supplements

1. Ranganayakulu KP, Rajasekhar D, Vanaja V, Sreenivas ML, Ganeswar Reddy V. Plasma NTproBNP as a marker of successful percutaneous transvenous mitral commissurotomy in patients with rheumatic mitral stenosis. *Indian Heart J*. 2012;64: 6-7.
2. Santosh Kumar C, Rajasekhar D, Vanaja V, Shashanka Ch, Srinivas ML. Impact of successful percutaneous transluminal mitral valve commissurotomy on right ventricular function. *Indian Heart J*. 2012;64:82-83.
3. Sarath Babu D, Rajasekhar D, Vanaja V, Shashanka Ch, Srinivas ML. Evaluation of characteristics, predictors and clinical implications of iatrogenic atrial septal defects after PTMC with real time 3 dimensional echocardiography (RT3DE). *Indian Heart J*. 2012;64:89.

4. Vidyasagar A, Rajasekhar D, Vanaja V, Shashanka Ch, Thejanandan Reddy CS. Assessment of RV function by 2D and 3D Echo before and after ASD device closure. *Indian Heart J.* 2012;64:91.
5. Venkateswara Rao U, Rajasekhar D, Vanajakshamma V, Shashanka Ch, Srinivas ML. Primary Percutaneous coronary intervention STEMI an initial experience. *Indian Heart J.* 2012;64:24.
6. Praveen Kumar BS, Rajasekhar D, Vanaja V, Srinivas ML. Clinical profile of patients with pulmonary embolism. *Indian Heart J.* 2012;64:140-141.
4. Butchi Babu M, Rajasekhar D, Vanajakshamma V, Vinod Kumar M, Shashanka Ch, Srinivasa Kumar M.L. Effects of statin therapy on endothelial function in metabolic syndrome. [Manuscript No: 3880/327/2012]. (UNDER REVIEW- National Med J India).
5. Rajasekhar D, Vanajakshamma V, Ravikanth A, Praveen Kumar BS. Clinical efficacy of L-carnitine in Scorpion sting Myocarditis: A randomized patient blinded trial. [Manuscript No: JSCR-00576]. (UNDER REVIEW- J Clin Sci Res).
6. Thejanandan Reddy CS, Rajasekhar D, Vanaja V. N-terminal proBNP and Tissue doppler in diastolic heart failure. (UNDER REVIEW- Indian J Med Res).

Papers Under Review

Original articles

1. K. P. Ranganayakulu, D. Rajasekhar, V. Vanajakshamma, D. Sarath Babu, T. Pramod Kumar. Assessment of mitral valve commissural morphology by transoesophageal echocardiography predicts outcome after balloon mitral valvotomy. [Manuscript number: IHJ-D-12-00180R1]. (UNDER REVIEW- Indian Heart J).
2. Haritha PNS, Vidyasagar A, Rajasekhar D, Vanajakshamma V, Latheef K. Comparative tissue Doppler and catheterization study for assessing left ventricular diastolic dysfunction. [Manuscript number: JICC-D-12-00021]. (UNDER REVIEW- Journal of Indian College of Cardiology).
3. Siva Sankara C, Rajasekhar D, Latheef K, Subramanyam G, Vanajakshamma V, Siva Prasad P.V. Left ventricular myocardial performance index for assessment of acute periprocedural outcomes in coronary artery disease patients after successful percutaneous coronary intervention. [Manuscript Number: JICC-D-12-00024]. (UNDER REVIEW- Journal of Indian College of Cardiology).

Case report

7. Rajasekhar D, Vanajakshamma V, Sarath Babu D. Primary PTCA in Dextrocardia and Situs inversus totalis: A case report. [Manuscript No: Heart Views-32-12]. (UNDER REVIEW- Heart Views).

Review articles

8. Thejanandhan Reddy CS, Rajasekhar D, Vanajakshamma V. Electrocardiographic localization of infarct related coronary artery in acute ST-elevation myocardial infarction. (Manuscript No: JSCR-12-084). (UNDER REVIEW – J Clin Sci Res)

6.7 CMEs/Workshops / Orations conducted

Orations organized

1. **Prof. K.K. Talwar**, former Director, Professor & Head (Cardiology), PGIMER, Chandigarh presently the Chairman, Board of Governors, Medical Council of India was selected for the award of 5th cardiology chair scheduled in April 2013.
2. 4th Annual Cardiology Chair Oration was awarded to **Padmasri. Prof. B.Somaraju**,

Chairman, CARE group of Hospitals, Hyderabad on 6th March, 2012.

CMEs Conducted

1. On 3rd March, 2012 jointly with the department of Cardiothoracic Surgery in SVIMS.
The following lectures were delivered:
 - i) Dr D. Rajasekhar delivered a lecture on "Newer Thrombolytic agents".
 - ii) Dr M.L. Sreenivasa Kumar delivered a lecture on "Stroke prevention in Atrial Fibrillation".
2. On World Heart Day on 30th September, 2012.
The following lectures were delivered:
 - i) Dr V. Ganeswara Reddy delivered a lecture on "Recent trends in the management of hypertension".
 - ii) Dr C.S. Thejanandan Reddy delivered a lecture on "Women and Heart disease".
 - iii) Dr Ch. Shashanka delivered a lecture on "How to live long with a Healthy Heart".

Workshops Conducted

1. A workshop on ASD and VSD device closures was organized with Dr K. Nageswar Rao, CARE Hospitals, Hyderabad during 8-9 February 2012.
2. A workshop on EPS+RFA was organized with Dr Ullas Pandurangi, Madras Medical Mission, Chennai during 17-18 March 2012.
3. A workshop on ASD device closures was organized with Dr Lan Hieu Ngyuen, National Heart Institute, Bachmai General Hospital, Hanoi, Vietnam during 4-5 June 2012.
4. A workshop on EPS+RFA was organized with Dr Ramachandra, Prime Hospitals, Hyderabad and Dr Vijay Keerthi, Narayana Hrudayalaya, Hyderabad during 30th June to 1st July, 2012.

5. A workshop on CRTD device implantation was organized on 14th August 2012 and Dr Ramachandra, Cardiologist, Prime Hospitals, Hyderabad visited SVIMS and conducted the case.
6. A workshop on EPS+RFA was organized with Dr Yogesh Kothari, Bangalore, Dr Vijay Keerthi, Hyderabad and Dr Prem Kumar, Chennai on 22nd September 2012.
7. A workshop on EPS+RFA was organized with Dr Yogesh Kothari, Bangalore on 17th October 2012.
8. A workshop on ASD device closures was organized with Dr Lan Hieu Ngyuen, National Heart Institute, Bachmai General Hospital, Hanoi, Vietnam during 5-6 November 2012.
9. A workshop on VSD& PDA device closures was organized with Dr K. Nageswar Rao, Paediatric cardiologist, CARE Hospitals, Hyderabad during 8-9 November 2012.
10. A workshop on EPS+RFA was organized with Dr Yogesh Kothari, Bangalore on 21st November 2012.
11. A workshop on FFR was organized with Dr D. Rajasekhar, SVIMS during 29-30 November 2012 and 1st December 2012.
12. A workshop on EPS+RFA was organized with Dr Yogesh Kothari, Bangalore on 26th December 2012.

6.8 Other academic activities

Dr Rajasekhar, Professor & Head

1. Officiated as *Dean*, SVIMS w.e.f. 18th September 2010 to till date.
2. Officiated as *Core committee member* in Organ transplant committee of Andhra Pradesh State Government.
3. Attended as a Cardiology expert, Aarogya Sree trust meeting held at Hyderabad, on 20th September, 2012.

4. Officiated as *Member*, Selection committee to select Medical Officers for T.T.D.
5. Officiated as *Member* of Institutional ethics committee, Selection committee, Academic Senate, Executive board and Governing Council of SVIMS.
6. Officiated as *Chairman* of various Board of Studies committees, Research committee, Thesis protocol committees and Library committee of SVIMS.
7. Officiated as DM Cardiology Examiner at SRMC, Chennai & JIPMER, Puducherry.
8. Contributed to DM Cardiology Entrance Test for JIPMER, Puducherry & Rajasthan University.
9. MCI Inspector for starting DM Cardiology course.
10. *MCI Inspector* for Recognition of DM Cardiology course.
11. *Advisory Board Member* for Ind Heart J (IHJ).
12. *Editorial Board Member* for J Clin Sci Res (J Clin Sci Res).
13. Reviewer for African Journal of Biotechnology (AJB).
14. Manuscript reviewer for J Clin Sci Res (J Clin Sci Res).

6.9 Visitors to the Department

The following Cardiologists visited the Department in the year 2012:

1. Prof. B. Somaraju, Chairman, Care group of Hospitals, Hyderabad.
2. Dr K.Nageswar Rao, CARE Hospitals, Hyderabad.
3. Dr Ullas Pandurangi, Madras Medical Mission, Chennai.
4. Dr Lan Hieu Ngyuen, National Heart Institute, Bachmai General Hospital, Hanoi, Vietnam.
5. Dr Ramachandra, Prime Hospitals, Hyderabad.
6. Dr Vijay Keerthi, Narayana Hrudayalaya, Hyderabad.
7. Dr Yogesh Kothari, Bangalore.
8. Dr Prem Kumar, Chennai.
9. Sri B. Karunakara Reddy Garu, M.L.A., Tirupati, on World Heart day.

Clinical trials undertaken by the Department of Cardiology:

1. A randomized, double-blind, placebo-controlled, event-driven trial of quarterly subcutaneous canakinumab in the prevention of recurrent cardiovascular events among stable-post-MI patients with elevated hsCRP. [Sponsor: NOVARTIS].

Comparison of 2012 patient statistics with 2011 statistics

Particulars	Total Number		% Change
	2011	2012	
Out Patients	40501	42649	5.3%↑
In Patients	4235	4308	1.7 % ↑
ECG	42568	42204	0.8 % ↓
Echo	15415	16639	7.9 % ↑
TMT	2023	2300	13.7 % ↑
Holter	339	400	18 % ↑
TEE	376	334	11.2 % ↓
CAG	2436	2618	7.5 % ↑
PTCA	1024	1077	6.2 % ↑
Primary PTCA	233	313	34%↑
PTMC	176	135	23.3 % ↓
Device closures	51	84	64.71%↑
RF Ablations	19	46	142.11%↑
PPI	68	63	7.3 % ↓
TPI	179	171	4.5 % ↓

The following Post-graduates from various Medical Colleges were trained in the Department under Peripheral postings during the year 2012

1. Dr P. Pavan Kumar, Dr M. Revanth, Dr N. Mahesh Babu and Dr A. Anand Kumar,

From Department of Medicine, S.V. Medical College, Tirupati, during 16 - 31 January 2012.

2. Dr T. Anil Kumar, Dr Ch. Bujjaiah and Dr P. Patel, from Department of Medicine, S.V. Medical College, Tirupati, during 14th February - 16th March, 2012.
3. Dr M. Ravi Kiran, from Department of Medicine, S.M.C, Vijayawada, during 1-15 March 2012.
4. Dr A. Karthikeyan, from Department of Medicine, S.M.C, Vijayawada, during 16-31 March 2012.
5. Dr Ch. Sushma and Dr Janjeer Basha, from S.V. Medical College, Tirupati, during 16-30 April 2012.
6. Dr M. Manjula, from Department of Paediatrics, S.V. Medical College, Tirupati, during 10th May to 10th June, 2012.
7. Dr T.V. Nagaraju, Dr S. Kiran Kumar, Dr M. Pallavi and Dr M. Sri Vidya, from Department of Medicine, S.V. Medical College, Tirupati, during 1-15 October, 2012.
8. Dr A. Ambika, from Department of Pulmonary Medicine, Katuri Medical College, Vijayawada, during 7-21 October, 2012
9. Dr T.D. Varun Kumar, from Department of Medicine, Shanthiram Medical College, Nandyal, during 18th October-2nd December, 2012.
10. Dr R.V. Sowmya, from Department of General Medicine, Vinayaka Mission Medical College, Karaikal, Tamilnadu.
11. Dr P. Ranjith Basha and Dr G. Rajesh Kumar, from Department of Pulmonary

Medicine, S.V. Medical College, Tirupati, during 1-15 December, 2012.

World Heart Day Celebrations

Patient awareness program was conducted on the occasion the of World Heart Day celebrations on 30th September, 2012 at OPD block; about 1000 patients attended the program. Dr V. Vanajakshamma gave the message to the patients on the occasion. Sri B. Karunakar Reddy, M.L.A., Tirupati, attended as Chief Guest for this program.

1. Dr D. Sarath Babu discussed a CPC on "Acute abdomen in a Renal transplant recipient" in Clinical Pathological Conference held on 29.09.2012.
2. Mr. K. Latheef, Ph.D Scholar, qualified in A.P. State level Eligibility Test-2012 [Eligibility for Assistant Professor].
3. Department of Cardiology is providing patient care and teaching services to the Department of Cardiology, S.V.R.R. Govt. General Hospital, Tirupati since Aug 2012.
4. Department of cardiology SVIMS, Tirupati and Dr D. Rajasekhara were selected by the governing council of Indian College of Cardiology to organize the National Annual conference of Indian College of Cardiology at Tirupati in September 2014.
5. Dr Yogesh Kothari, Bangalore: was appointed as a visiting faculty to conduct Electro physiology workshops on 3rd Wednesday of every month since October 2012.
6. Department of Cardiology received a donation of Rs. 1,25,000 from Sri O.V. Ramana Garu, for installation of a Digital B.P. screening machine in the Cardiology out-patient block.

7.0 DEPARTMENT OF CARDIOTHORACIC SURGERY

Professor & Head

Dr Abha Chandra

Professors

Dr P. Rajagopal

Dr K. Sudhakara Rao

Associate Professor

Dr H.C. Chandramouli

Assistant Professors

Dr Vinod Bhan

Dr G. Murali Hareesh

III Year

Dr M. Mothilal

II Year

Dr K.H. Raghavendra

I Year

Dr N. Ashok

Dr C. Seshagiri Rao

7.1 Awards

Dr M. Ravi Kiran, Postgraduate in Cardio Thoracic Surgery was awarded "*Dr G Subramanyam and Dr G Sunitha Subramanyam Gold medal*" for the year 2012 as best student among all the surgical postgraduates (superspeciality) in the academic year 2011-12.

7.2 Oration

Dr Abha Chandra, Professor and Head of the Department gave the prestigious "Dr N.L. Bordia oration" on 28 December 2012 at the 72nd Annual Conference of Association of Surgeons of India, at Kolkatta. The topic of the oration was: "The Scenario of Thoracic Diseases in South India: Mediastinal Tumours."

7.3 Research work

Thesis work

Theses submitted

1. Ravi Kiran M. Effect of Valve prostheses patient mismatch on left ventricular mass regression following Aortic valve replacement in patients with Aortic stenosis (MCh Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
2. Kiran Kumar K. Double valve replacement- Predictors of adverse outcome (MCh

Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

3. Madhavi K. Effective of graded aerobic exercise in post surgical acyanotic congenital heart disease (PhD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

Ongoing Thesis work

Dr Abha Chandra was Guide for the following PhD theses

1. Motilal M. The effect of Atrial fibrillation on the outcome in patients with valve replacement (PhD Thesis).
2. Raghavendra KH. Left atrial size reduction. Echocardiographic study (PhD Thesis).
3. Senthil Kumar. A study of early mobilization of the patients undergoing coronary artery bypass grafting (PhD Thesis).
4. Bhagya lakshmi M. A study to assess the Neuro Psychological status, Cognitive performance and Coping style among the patients undergoing Coronary Artery Bypass Graft Surgery (PhD Thesis).
5. Shanti C. Effect of Exercise Training after mitral valve replacement on quality of life and Exercise tolerance in patient with mitral

stenosis—A prospective randomized controlled trial (PhD Thesis).

7.4 Research Projects

Ongoing Research Projects

Dr Abha Chandra as the Principal Investigator with the following research projects are ongoing

1. Morphogenic protein expression of the calcific mitral stenotic valve in patients with rheumatic heart disease.
2. Clinico-pathological correlation In adolescent and adult patients undergoing surgical closure of atrial septal defect and its influence of the hemodynamic outcome.

7.5 Conference attended, lectures delivered, papers presented, sessions chaired.

Dr Abha Chandra, attended the following

International:

1. 26th European Association of Cardiothoracic Surgeon (EACTS) Annual Meeting including techno college and Postgraduate courses. Barcelona, Spain during 27-31 October, 2012.

National:

1. A regional workshop on ECG interpretation – an essential skill for nurses. Apollo College of Nursing Aragonda, Thavanampalle, Chittoor on 23rd January, 2012 and spotter on Review of Cardiac Anatomy and also on Conduction system and Electro - physiology.
2. Systolic anterior motion (SAM) after mitral valve repair at India Habitat Centre, New Delhi during 27-29 January 2012.
3. IInd National Heart Valve Summit 2012 (A series of advances in valvular heart disease. India Habitat Centre, New Delhi during 27-29 January 2012 and chaired a session.
4. 58th Annual meeting of Indian Association of Cardiovascular and Thoracic Surgeons

and the first joint workshop with European Association of Cardiothoracic Surgery (EACTS), Kolkata during 8-12 February 2012.

5. Operative Procedures in Thoracic Tuberculosis Symposium - Thoracic Surgery of Pulmonary TB at Kolkotta on 11th Februry 2012.
6. Surgical Advances in Mitral Valve Surgery at Sri Padmavathi Auditorium, SVIMS, Tirupati on 3rd March 2012.
7. Ventricular Assist Devices: Advances in Technology at Sri Padmavathi Auditorium, SVIMS, Tirupati on 3rd March 2012.
8. Workshop on Mitral Valve Repair in Rheumatic Heart Disease at Care Hospital, Hyderabad by Dr Taweesak Chotivatanapong, Nanthaburi Chest hospital, Bangkok on 23rd March 2012 and chaired a session
9. 5th Vascular Society of India Medterm meet at Radisson, Mahabalipuram, Chennai during 15-17 June, 2011 and gave a lecture on Ruptured infrarenal AAA repair: logistics & Techniques How I do it: Aortoiliac occlusion with renal.
10. CT-CME 2012 Cardiac Surgery organised by the Indian Association of Cardiovascular and Thoracic surgeons (IACTS) at Jaipur during 25-26 August 2012 and chaired two sessions.
11. The Annual Conference of Vascular Society of India during 26-29 September 2012.
12. The BARD Peripheral Vascular DVT and VTE. at the Vascular Society of India: Annual Conference, Jaipur. During 26-29 September 2012 and acted as a panelist.
13. 72nd Annual Conference of the Association of Surgeons of India at Kolkatta, West Bengal during 25-30 December 2012 and chaired two sessions.

Dr P. Rajagopal, attended the following

1. Workshop on Mitral valve repair in rheumatic heart disease at Care Hospital, Hyderabad by Dr Taweesak Chotivatanapong, Nanthaburi Chest hospital, Bangkok on 23rd March 2012.
2. CT-CME (Cardiac) organized by the Indian Association of Cardiovascular and thoracic Surgeons, Nizam's Institute of Medical Sciences, Hyderabad during 3-4 November 2012 and chaired a session.
3. CME organized by SIDD, Chennai at GRT Convention, Mammallapuram, Tamil Nadu on 06th November 2012 and delivered lecture on "Evaluation of extracorporeal Circulation and CPR".

Dr K. Sudhakar Rao, attended the following

1. CME organized by SIDD, Chennai at GRT Convention, Mammallapuram, Tamil Nadu on 06th November 2012 and delivered a lecture on "Evaluation of extracorporeal Circulation and CPR II".

Dr K. Vinod Bhan, attended the following

1. 58th Annual meeting of Indian Association of Cardiovascular and Thoracic Surgeons and the first joint workshop with European Assoc. of CTS (EACTS) at Kolkatta during 8-12 February 2012.
2. European Association of Cardiovascular and Thoracic Surgeons at Birla Hospital, Kolkatta on 11th February 2012

Dr Murali Hareesh, attended the following

CT-CME (Cardiac) organized by the Indian Association of Cardiovascular and Thoracic Surgeons at Nizam's Institute of Medical Sciences, Hyderabad during 3-4 November 2012

Dr Motilal, attended the following

CT-CME (Cardiac) organized by the Indian Association of Cardiovascular and Thoracic

Surgeons at Nizam's Institute of Medical Sciences, Hyderabad during 3-4 November 2012

Dr Raghavendra, attended the following

CT-CME (Cardiac) organized by the Indian Association of Cardiovascular and Thoracic Surgeons at Nizam's Institute of Medical Sciences, Hyderabad during 3-4 November 2012

Mr Madhusudan Naidu, attended the following

1. Indian Society of Extracorporeal Technology at Kolkatta during 8-12 February 2012 and chaired the session.
2. Annual meeting of Indian Society of Extracorporeal Technology of Castodial solution at Kolkatta on 9th February 2012
3. Perfutech Sponsored by Medtronic, Hyderabad on 7th October 2012

7.6 Publications:

1. Vinod Bhan, K. Sudhakar Rao, P Rajagopal. Agnesis of Hemi-diaphragma- a rare clinical presentation'. Indian Journal of Chest Diseases & Allied Sciences (accepted for publication).

7.7 CME / Seminar / Workshop / oration conducted:

1. CME programme jointly by Department of Cardiology and Cardiothoracic Surgery on 03.03.2012 between 2.00 pm and 5.00 PM at Sri Padmavathi Auditorium, SVIMS, Tirupati.
2. Organized a clinical programme on "Intra Aortic Balloon Pump" on 21.05.2012 in the Department of Cardiovascular and Thoracic Surgery by Axel Neizart, International Therapy Development Manager from Germany.
3. A Professional Education Initiative : In service Programme (ISP) organized by Ethicon Division, Johnson and Johnson Medical India on 13.10.2012 at 3.00 pm. The program focused on sterility in the

operation theatre, the intensive care unit and suture handling in the speciality.

7.8 Other Academic activities:

Dr Abha Chandra

1. Elected as the executive member of the Indian Association of Cardiovascular and Thoracic Surgery.
2. Elected as the Vice President of the ATCVS section of the Association of Surgeons of India.
3. Invited by Prof. Jose Luis Pomar, President and Prof. Pieter Kappetein, Secretary General of the European Association of Cardiothoracic Surgery to participate in the meeting at Room no 127 / 128 on Tuesday 30.10.2012 between 9.00 AM and 10.15 AM during the 26th EACTS Annual meeting, International Convention Centre, Barcelona, Spain to share views on both the Annual Meeting and their year round learning opportunities. To contribute towards improvement of their current educational offerings at the Annual meeting and at the EACTS Academy. They requested her participation also in the field of interest and the future of Cardiac surgery.
4. National Faculty for Vascular Society of India
5. National Faculty for National Heart Valve Summit.
6. M. Ch (CVTS) Examiner at the Maharashtra University, Nasik
7. M.Ch (CVTS) Examiner at the Gujarat University, Ahmedabad.

Dr P. Rajagopal was appointed as Inspector by MCI to MGM Medical College Aurangabad, Maharashtra.

8.0 DEPARTMENT OF ENDOCRINOLOGY

Professor & Head

Dr Alok Sachan

Professor

Dr V. Suresh

Assistant Professor

Dr P. Sathish Kumar

III year

Dr E. Sunil
Dr D. Rajitha

II year

Dr A. Sailaja
Dr M. Arun

I year

Dr S. Sangeetha
Dr C. Srinivasa Rao

8.1 Awards

Dr P. Sathish Kumar, postgraduate in Endocrinology was awarded "*Dr G Subramanyam and Dr G Sunitha Subramanyam Gold medal* for the year 2012 as best student among all the medical postgraduates (Super specialty) in the academic year 2011-12.

Dr M. Arun, Post graduate resident in DM Endocrinology won *First prize* in quiz competition at Post graduate training program at Amrita Institute of Medical Sciences, Kochi.

8.2. Research work

Thesis work

Thesis submitted

1. Satish Kumar P. Evaluation of Vitamin B12 status in patients with Radio-iodine ablation of Thyroid gland (DM Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

Ongoing Thesis work

1. Sunil E. Growth, puberty and bone age in children with type 1 diabetes mellitus (DM Thesis).
2. Rajitha D. Prevalence of islet cell specific autoimmunity in type 1 diabetes mellitus (DM Thesis).
3. Arun M. Prevalence of islet autoimmunity in type 2 diabetes mellitus (DM Thesis).
4. Sailaja A. Effects of thyroid hormone replacement on HbA1c levels in non

diabetic subjects with primary hypothyroidism (DM Thesis).

5. Srinivas Ch. Hypothalamic pituitary dysfunction in follow up cases of CNS infections (DM Thesis).
6. Sangeetha S. Body composition, plasma glucose and insulin sensitivity in hypothyroidism before and 3 months after thyroxine treatment (DM Thesis).

Thesis work done in collaboration with other departments

These submitted

Alok Sachan was *Co-guide* for the following theses

1. Aparna AR. Diagnostic utility of HbA1c in diagnosing Type 2 diabetes mellitus, (MD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
2. Chandrasekhar T. Prevalence of factors influencing endothelial function in pediatric obesity (MD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

Dr V. Suresh was co-guide for the following theses

1. Sivaram Naik G. A study of burden of thyroid disorders in patients with rheumatoid arthritis (MD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

Ongoing Thesis work

1. Seshadri Reddy V. Oxidative stress and antioxidant defence mechanisms in patients with hypothyroidism (PhD Thesis)

8.3 Research Projects

Ongoing research projects

1. **Principal Investigator:** Alok Sachan, **Title:** Vitamin D receptor polymorphisms in subjects with Vitamin D deficiency. **Funding agency:** AP State Council of Science and Technology (APCOST).
2. **Principal Investigator:** V.Suresh, **Title:** Effect of acute severe illness on the hypothalamo-pituitary gonadal axis in post menopausal women, **Funding agency:** Indian Council of Medical Research (ICMR).

8.4 Conferences attended / Lecture delivered/ presentations

By Faculty

Dr Alok Sachan, attended the following

1. ENDO 2012 at Houston during 23-26 June 2012 and presented a poster.
2. Wahal Gupta CME at Agra 08th September 2012 and delivered two guest lectures
3. ESICON 2012 at Kolkata during 13-15 December 2012 and delivered a guest lecture.

Dr V. Suresh, attended the following

1. Zonal CME, SVMC, Tirupati held on 25th November 2012 and participated in clinical case discussion.

Dr Satish Kumar, attended the following

1. Growth Symposium, Bengaluru. held on 16th September 2012.
2. ESICON 2012, Kolkata during 13-15 December 2012.

By Postgraduates

Dr M. Arun, attended the ESICON 2012 at Kolkata during 13-15 December 2012 and

presented a paper on "hypothalamo pituitary dysfunction in patients with CNS infections-A prospective study".

Dr E. Sunil, attended the ESICON 2012 at Kolkata during 13-15 December 2012 and presented a poster on "Sheehans syndrome-a single centre experience".

Dr D. Rajitha, attended the ESICON 2012, Kolkata during 13-15 December 2012 and presented posters on "Profile of paediatric hypothyroidism in a tertiary care centre" and "Unusual radiological findings in osmotic demyelination syndrome".

8.5 Publications

1. Amaresh Reddy P, Harinarayan CV, Alok Sachan, Suresh V, Rajagopal G. Bone disease in thyrotoxicosis. Ind J Med Res 2012;135:277-86.
2. Raja Gopal G, Reddy AP, Suresh V, Sachan A. Effect of lifestyle modification and metformin therapy on emerging cardiovascular risk factors in overweight Indian women with polycystic ovary syndrome. Metab Syndr Relat Disord 2012;10:273-9.
3. Amaresh Reddy P, Suresh V, Rajagopal G, Harinarayan CV, Sachan A. Effect of block-replacement regimen on BMD and biochemical markers in thyrotoxic bone disease. J Clin Sci Res 2012; 1: 60-70.
4. Supriya P, Bitla AR, Rajendra Prasad N, Raja Gopal G, Madhusudhan Rao A, Suchitra MM, Sachan A, Srinivasa Rao PVLN. Body iron status and association with hyperinsulinaemia and hyperandrogenism in non-obese Indian women with polycystic ovarian syndrome. J Clin Sci Res 2012;1:2-7.
5. Raja Gopal G, Amaresh Reddy P, Satish P, Suresh V, Harinarayan CV. Varied presentation of hyperinsulinaemic hypoglycaemia. J Clin Sci Res 2012;1: 43-5.

6. Siddhartha Kumar B, Ravi Sankar A, Sachan A. Effect of oral hypoglycaemic agents on bone metabolism in patients with type 2 diabetes mellitus. *J Clin Sci Res* 2012;1:83-92.
7. Chandrasekhar T, Naresh Y, Suchitra MM, Suresh V. Correspondence: Post-prandial laboratory hypoglycaemia- apparent or real? *J Clin Sci Res* 2012;3:153-4.

Book Chapters

1. Alok Sachan. Pituitary Function Tests. In: Sarita Bajaj, editor. *ESI Manual of Clinical Endocrinology*. First Edition. Hyderabad. Endocrine Society of India 2012;333-9.
2. Suresh V, Amaresh Reddy P. Disorders of Growth Hormone Excess. In: Sarita Bajaj, editor. *ESI Manual of Clinical Endocrinology*. First Edition. Hyderabad. Endocrine Society of India 2012;354-62.
3. Suresh V. Amaresh Reddy P. Hypopituitarism. In: Sarita Bajaj, editor. *ESI Manual of Clinical Endocrinology*. First Edition. Hyderabad. Endocrine Society of India 2012;384-92.

4. Amaresh Reddy P. Alok Sachan. Metabolic syndrome in children and adolescents. In: Sarita Bajaj, editor. *ESI Manual of Clinical Endocrinology*. First Edition. Hyderabad. Endocrine Society of India 2012;734-42.

8.6 Oration conducted

The Second Dr Subhashini & Kamalakar Reddy Endowment Oration, organized on 7th January 2012 and presented to Dr K. Dileep Kumar, Professor (Rtd.) Andhra Medical College, Vizag for his invaluable contributions towards the growth and development of Endocrinology.

8.7 Others

Lab Statistics for the year 2012

T3	T4	TSH	Anti TPO	G.H	FSH	LH	S. Prol
5927	7835	12382	168	89	278	200	140

S. Cort	Estra	Testste	PTH	25(OH) VitD	Hb A1c	BMD
426	140	311	518	653	8814	2805

9.0 DEPARTMENT OF GENERAL SURGERY

Additional Professor & Head

Dr Y. Mutheeswaraiah

Assistant Professor

Dr S. Nagesh Kumar

9.1 Publications

1. Sri Krishna M, Vijayalakshmi Devi B, Lakshmi AY, Mutheeswaraiah Y, Siva Kumar V. Perinephric abscess with extension into mediastinum & Epidural space. Indian J Nephrol 2012; 22: 224-5.

9.2 Papers presented

Mutheeswaraiah Y presented paper on “Tuberculosis of Breast Report of 4 cases and review of literature in ASICON 2012 at Kolkata in December 2012”.

10.0 DEPARTMENT OF IMMUNO HAEMATOLOGY & BLOOD TRANSFUSION

Professor & Head

Dr Sarella Jothibai

Associate Professors

Dr K.V. Sreedhara Babu

Assistant Professors

Dr R. Arun

III year

Dr A. Yasovardhan

II year

Dr B. Suresh Babu

I year

Dr G. Deepthi Krishna

10.1 Awards

Dr S. Jothi Bai, was felicitated with Best Teacher Award on the occasion of Teacher's day held at SVIMS, Tirupati on 5th September 2012.

10.2 Research work

Thesis work

Thesis submitted

Chaitanya Kumar I.S. A prospective study to assess the effectiveness of platelet therapy in patients with thrombocytopenia (MD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012

Ongoing Thesis work

1. Yashovardhan A. Seroprevalence of Hepatitis B among blood donors (MD Thesis).
2. Suresh Babu B. Prevalence of unexpected antibodies in antenatal women (MD Thesis).
3. Deepthi Krishna. Prevalence of certain significant proteinaceous blood group antigens in Andhra Pradesh (MD Thesis).

10.3 Conferences attended, Lectures delivered

Faculty

Dr S. Jothi Bai, attended the following

1. Gave a talk on the All India Radio on "Voluntary blood donation and the strategies taken by the blood transfusion service for blood safety" in June 2012

2. IHBT workshop at Ahmedabad during 28-29 August 2012.
3. IHBT conference at Chennai during 13-15 September 2012.

Dr K.V. Sreedhara Babu, attended the following

1. CME on "Recent trends in transfusion medicine" organized by the Department of Transfusion Medicine, along with Wet workshop on "Antibody screening & identification" at Global Hospitals, Hyderabad on 9th October 2012.
2. Attended Pre-conference workshop on "Advanced immunohematology" and the 1st annual National Conference of Indian Society of Transfusion Medicine at Jaipur during 22-25 November 2012 and also presented a poster.

Dr R. Arun, attended the following

1. Attended a CME at Apollo Hospitals (ISBTI), held on 1st September 2012 Hyderabad
2. Attended 37th National Conference of Indian Society of Blood Transfusion and Immunohematology during 14th to 16th September 2012 at Mahabalipuram
3. Attended Pre-conference workshop on quality control and 1st annual National Conference of Indian Society of Transfusion Medicine during 22-25 November 2012 at Jaipur

Postgraduates

Dr A. Yashovardhan, attended the following

1. CME at Tamil Nadu Dr M.G.R Medical University, Chennai on 17th February 2012.
2. CME & Workshop at Society of Haematology & Transfusion Medicine A.P Chapter, Hyderabad during 14-15 July 2012
3. Post Graduate CME in Hematology at Christian Medical College, Vellore during 22- 24 August 2012.
4. 37th National Conference of Indian Society of Blood Transfusion and Immunohematology, at Mahabalipuram during 14-16 September 2012 and presented a poster on "A case report of Transfusion Induced hemosiderosis".
5. Pre-conference workshop on quality control and 1st annual National Conference of Indian Society of Transfusion Medicine, Jaipur during 22-25 November 2012 and presented a poster on "Donor demographic and laboratory predictors of single donor platelet yield".

Dr B. Suresh Babu, attended the following

1. CME at Tamil Nadu Dr M.G.R Medical University, Chennai on 17th February 2012.
2. CME & Workshop at Society of Haematology & Transfusion Medicine A.P Chapter, Hyderabad during 14-15 July 2012
3. Post Graduate CME in Hematology at Christian Medical College, Vellore during 22- 24 August 2012.
4. Attended CME at Apollo Hospitals (ISBTI) on 1st September 2012
5. 37th National Conference of Indian Society of Blood Transfusion and Immunohematology, at Mahabalipuram during 14-16 September 2012 and presented a poster on "Cold Agglutinin Disease".

6. Pre-conference workshop on quality control and 1st annual National Conference of Indian Society of Transfusion Medicine, Jaipur during 22-25 November 2012 and presented a poster on "Donor demographic and laboratory predictors of single donor platelet yield".

Dr G. Deepthi Krishna, attended the following

1. CME & Workshop at Society of Haematology & Transfusion Medicine A.P Chapter, Hyderabad during 14-15 July 2012
2. 37th National Conference of Indian Society of Blood Transfusion and Immunohematology, at Mahabalipuram during 14-16 September 2012.
3. Pre-conference workshop on quality control and 1st annual National Conference of Indian Society of Transfusion Medicine, Jaipur during 22-25 November 2012 and presented a poster on "Immune hemolytic Transfusion reaction due to anti-E- A case report".

Lectures delivered

Dr K.V. Sreedhara Babu

1. As resource person for training APSACS deputed blood bank staff at Model Blood Bank, S.V.R.R.Govt.General Hospital, Tirupati during 18-23 January 2012.
2. On "Drug resistance and nosocomial infections", at NSHWM-12, a National seminar organized by SKR Govt. degree college, Gudur during 8-9 October 2012.

Dr R. Arun, on World Blood Donor Day at S.V. Medical College, Tirupati

Dr Yasovardhan

1. As resource person for training APSACS deputed blood bank staff at Model Blood Bank, S.V.R.R.Govt.General Hospital, Tirupati during 18-23 January 2012.

Dr B.Suresh Babu

1. As resource person for training APSACS deputed blood bank staff at Model Blood Bank, S.V.R.R.Govt.General Hospital, Tirupati during 18-23 January 2012

10.4 Publications

Indexed

1. Sreedhar Babu KV, Chaitanya Kumar IS, Yashovardhan A, Suresh Babu B, Anju Verma, Siddhartha Kumar B, Jothibai DS. Evaluation of Immunochromatographic and ELISA methods in detection of anti-HCV antibodies among healthy blood donors: a pilot study. J Clin Sci Res 2012; 1:110-1.
2. Yashovardhan A, Chaitanya Kumar IS, Sreedhar Babu KV, Suresh Babu B, Verma A, Siddhartha Kumar B, Jothibai DS. Para-Bombay phenotype – report of a rare blood group. J Clin Sci Res 2012;1:141-3.
3. Sreedhar Babu KV, Chowhan AK, Rukmangadha N, Prasad BCM, Kumaraswamy Reddy M. Cerebellar liponeurocytoma: a case- report. J Clin Sci Res 2012;1:39-42.
4. Sreedhar Babu KV, Chowhan AK, Rukmangadha N, Kumaraswamy Reddy. Chronic eosinophilic leukaemia: a case report. J Clin Sci Res 2012; 1:46-8.
5. Rajagopal G, Amaresh Reddy P, Satish P, Suresh V, Harinarayan CV, Pawan MN, Sreedhar Babu KV, Lakshmi AY, Sachan A. Varied presentation of hyperinsulinaemic hypoglycaemia. J Clin Sci Res 2012;1: 43-5.
6. Chaitanya Kumar IS, Sreedhar Babu KV, Yashovardhan A, Jothi Bai S. HIV seropositivity and its ethical implications in blood donors in a tertiary care hospital of Andhra Pradesh. J Clin Sci Res 2012;1: 8-14.
7. Chaitanya Kumar IS, Yashovardhan A, Suresh Babu B, Anju Verma, Sreedhar Babu KV, Jothi Bai DS. The prevalence of A2 and A2B subgroups in blood donors at a tertiary care teaching hospital blood bank of Rayalaseema region: a pilot study. J Clin Sci Res 2012;1:50.
8. Chowhan AK, Rukmangadha N, Sreedhar Babu KV, Rashmi Patnayak, Phaneendra BV, Varalakshmi Devi M, Kumaraswamy Reddy M. Retained intrauterine foetal bones: A rare cause of secondary infertility leading to diagnostic dilemma. J Clin Sci Res 2012;1:103-5.
9. Kannan T, Sivaram Naik G, Sridhar Babu KV, Vijayalakshmi B. Metastatic brachial plexopathy in breast cancer. J Clin Sci Res 2012; 1:196-8.

Abstracts published in Journal Supplements

10. Chaitanya Kumar IS, Anju Verma, Sreedhar Babu KV, Jothi Bai DS. Prevention of transmission of HIV through blood; How far have we succeeded? Asian J Transfus Sci 2012; 6:1.
11. Yashovardhan, Chaitanya Kumar IS, Anju Verma, Sreedhar Babu KV, Jothi Bai DS. Therapeutic phlebotomy; an experience at a tertiary care hospital. Asian J Transfus Sci 2012; 6:1.
12. Suresh Babu B, Yashovardhan A, Sreedhar Babu KV, Jothi Bai DS. Usage of fresh frozen plasma at a tertiary care hospital in Andhra Pradesh. Asian J Transfus Sci 2012; 6:1.

10.5 CME Organized

1. “Efforts for Evidence based Medicare” on 22nd September 2012, Tirupati in collaboration with Departments of Haematology and Pathology

11.0 DEPARTMENT OF MEDICAL ONCOLOGY

Professor & Head

Dr K. Manickavasagam

Assistant Professor

Dr Meher Lakshmi

II year

Dr K. Sudheer Reddy
Dr V. Venkata Sampath

I Year

Dr D. Bhargavi
Dr A. Vindhya Vasini

11.1 Research work

Thesis work

Ongoing Thesis work

1. Venkata Sampath V. A prospective randomized study comparing traditional fluoropyrimidine based single agent or doublet regimens versus epirubicin based versus taxane based protocols and exploring surrogate markers for response evaluation in advanced gastric carcinomas (DM Thesis).
2. Sudheer Reddy K. Assessment of Haematologic, cytogenetic, molecular responses to IMATINIB mesylate in chronic myeloid leukemia (DM Thesis).

11.2 Conferences attended by the postgraduates

Dr V. Venkata Sampath, attended

1. ISMO conference at Visakapatnam in February, 2012 and presented posters on "Clinicopathological profile of Non Hodgkins Lymphoma in a University Cancer Centre, SVIMS" and on, "Renal cell carcinoma - A University Hospital Scenario".

11.3 CME conducted by the department

Gynaecological Oncology on 1st December 2012 at SVIMS, Tirupati.

12.0 DEPARTMENT OF MEDICINE

Professor & Head

Dr Alladi Mohan

Professor

Dr B. Siddhartha Kumar

Associate Professors

Dr V. Sukaveni

Dr D.T. Katyarmal

Dr D. Prabath Kumar

Assistant Professor

Dr J. Hari Krishna

PG Residents

III Year

Dr S. Aparna Reddy

Dr G. Sivaram Naik

II Year

Dr M. Sowgandhi

Dr N. Dinesh Kumar

I Year

Dr V. Arun Raja

Dr P. Suneetha

12.1 Awards, achievements and felicitations

Dr G. Sivaram Naik, Junior Resident Postgraduate student in MD (Medicine) won the *First Prize* (Rs 5000/-) in the award session in the Annual Conference of AP Chapter of Association of Physicians of India (AP-APICON 2012) held at Kurnool on 22, 23 September, 2012.

During the year long Centenary Celebrations of the Indian Journal of Medical Research (IJMR) (from July 2012 to July 2013) is the medical Journal with highest Impact factor among medical journals published from India. In the IJMR and ranked 1-13 on the basis of number of citations received, will be reproduced one in each issue under the Section **"Most Cited Articles"**.

The December 2012 issue of IJMR carries an article **ranked 8** and was published in 2004, and received 80 citations.

"Sharma SK, **Mohan A.** Extrapulmonary tuberculosis. Indian J Med Res. 2004 Oct;120(4):316-53".

12.2 Fellowships and orations

International

Dr Alladi Mohan, Professor and Head of the Department

1. was awarded the ***FRCP (Edin) Fellowship awarded by the Royal College of Physicians, Edinburgh*** in 2012.
2. delivered the National Academy of Medical Sciences (NAMS), India ***"Golden Jubilee Commemoration Award Lecture"*** awarded to the youngest recipient of ***FAMS fellowship of the academy***, titled ***"Myriad manifestations of miliary tuberculosis"*** at the National Conference NAMSCON 2012, held at Chennai on 14th October 2012.
3. delivered a talk as International Faculty titled ***"Antituberculosis drug-induced hepatotoxicity: predisposing factors and other confounders"*** at the annual conference of the American College of Chest Physicians (ACCP), CHEST 2012, at Atlanta USA, on 21st October 2012.

12.3 Research Projects

The Institute provides intramural grants through Sri Balaji Arogya Varaprasadini Scheme (SBAVP) to the Faculty and Research Scholars.

Research projects completed in 2012

1. **Principal Investigator:** Dr Alladi Mohan, **Title:** Evaluation of the efficacy of thrice weekly DOTS regimen in TB pleural effusion at six months (multicenter project). **Funding agency:** Central TB Division, Ministry of Health and Family Welfare, Nirman Bhavan, Govt.of India, New Delhi.
2. **Principal Investigator:** Dr Alladi Mohan, **Title:** Efficacy of oral zinc administration as an adjunct therapy in Category I Pulmonary Tuberculosis along with assessment of immunological parameters (Double-blind, Randomized, Placebo-Controlled, Multicenter Clinical Trial), **Funding agency:** Department of Biotechnology, Ministry of Science & Technology, Government of India.

Ongoing Research Projects

International

1. **Principal Investigator :** Dr Alladi Mohan, **Title:** Sustaining research momentum over the coming decades: mentoring the next generation of researchers for tuberculosis. (TB Susgent), **Funding agency:** European Union.

National

2. **Principal Investigator:** Dr Alladi Mohan, **Title:** Randomized controlled trial of efficacy and safety of daily, part-daily and thrice weekly intermittent anti-tuberculosis Drug regimens in HIV seropositive patients with tuberculosis (HIV⁺TB⁺), **Funding agency:** National AIDS Control Organization (NACO).

12.4 Research work

Thesis work

Theses submitted

1. Ravisankar A. A study on the prevalence of osteoporosis in type 2 diabetes mellitus patients

on oral hypoglycaemic drugs (MD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

2. Bhaskar Rao U. A study of prevalence of microvascular complications in patients newly diagnosed to have type 2 diabetes mellitus at the time of initial diagnosis (MD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

Ongoing Thesis work

1. Aparna Reddy S. Diagnostic utility of glycosylated haemoglobin in diagnosing type 2 diabetes mellitus in patients presenting to a tertiary care teaching hospital in South India (MD Thesis).
2. Sivaram Naik G. A study of the burden of thyroid disorders in patients with rheumatoid arthritis (MD Thesis).
3. Sowgandhi N. Prevalence of aetiologic overlap between rheumatoid arthritis and pyogenic arthritis, pyodermagangrenosum and acene syndrome (PAPA) (MD Thesis).
4. Dinesh Kumar N. HIV-seropositivity among patients diagnosed who have various forms of TB (MD Thesis).

Thesis work done in collaboration with other departments

Theses submitted

Dr Alladi Mohan, was *Co-guide* for the following thesis.

Jayaprada R. A study of microbiological diagnosis of extrapulmonary tuberculosis by conventional (Lowenstein-Jensen Medium) and MB/BACT ALERT 3D system culture techniques. (MD Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

12.5 Conferences attended, lectures delivered

Dr Alladi Mohan, attended the following conferences as faculty member and delivered the following lectures

1. "Use of software in medical article writing" at the Workshop on Medical writing organized by Department of Medicine at Kasturba Medical College, Manipal on 16-17 June 2012.
2. "Manuscript submission and responding to editors" at the Workshop on Medical writing organized by Department of Medicine at Kasturba Medical College, Manipal on 16-17 June 2012.
3. "Applications of Bayes theorem: a clinician's perspective" at the National Workshop on Advanced Stochastic Models & its applications (Biostatistics) organized on the occasion of Golden Jubilee celebrations, the Department of Statistics, S.V. University and Indian Society for Probability and Statistics (ISPS) on 12th August 2012.
4. "How to write and publish a paper in a journal" at the AP APICON 2011 Conference of the AP State chapter of Association of Physicians of India held at Kurnool during 22-23 September 2012.
5. "Ventilator associated pneumonia" at the 14th Joint National Conference of the Indian Chest Society (ICS) and National College of Chest Physicians (NCCP), NAPCON 2012 Conference held at Bhubaneswar during 18-21 November 2011.
6. "How to write a manuscript for publication in a journal" at the CME Programme in Internal Medicine organized by Hyderabad Chapter of Association of Physicians of India on 9th December 2012.

Popular Science

7. "Structure and function of human body : an overview" at the "Vignanaaveechi" Programme organized at the Sri Venkateswara Vedic University on 21st March 2012
8. Regular public health lecture series (personal hygiene, communicable diseases,

master health check-up) to employees of Tirumala Tirupati Devasthanams (TTDs) at the Sri Venkateswara Employees Training Academy (SVETA)

12.6 Presentations by postgraduate students

At the 68th National Conference of the Association of Physicians of India (APICON 2012) held at Kolkata (12-01-12 to 15-01-12), post-graduate students pursuing MD (Medicine) presented the following papers

1. Ravi Sankar A, Kumar BS, Mohan A, Prabath Kumar D, Sachan A, Katyarmal DT, Sarma KVS. Prevalence of osteoporosis and effect of oral hypoglycaemic drugs on bone metabolism in patients with type 2 diabetes mellitus (13-01-12).
2. Bhaskara Rao U, Mohan A, Kumar BS, Suresh V, Vengamma B, Srinivasa Rao PVLN, Sandhya C, Sarma KVS. A study of prevalence of microvascular complications in patients newly diagnosed to have type 2 diabetes mellitus at the time of initial diagnosis (13-01-12).
3. Sivaram Naik G, Mohan A, Prabath Kumar D, Harikrishna J, Sarma KVS. Clinical presentation and outcome of Cat. II DOTS in "previously treated TB patients" presenting with peripheral lymph node TB (14-01-12).
4. Aparna Reddy S, Mohan A, Prabath Kumar D, Harikrishna J, Sarma KVS. Erythrocyte sedimentation rate in HIV negative "new" sputum smear-positive patients with pulmonary tuberculosis (14-01-12).

12.7 Publications

Publications in indexed journals

1. Kumar BS, Sharma P, Reddy LK, Bhattaram MP, Mohan A, Kumar VS. Mutation analysis of PKD1 gene in Indian population. Saudi J Kidney Dis Transpl 2012; 23:143-7.

2. Sharma SK, Mohan A, Sharma A. Challenges in diagnosis and treatment of miliary tuberculosis. *Indian J Med Res* 2012;135:703-30.
3. Harikrishna J, Sukaveni V, Prabhath Kumar D, Mohan A. Cancer on tuberculosis. *J Indian Acad Clin Med* 2012;13:142-4.
4. Harikrishna J, Sivaram Naik G, Aparna Reddy S, Prabhath Kumar D, Kumar BS, Vijayalakshmi Devi B, Rukmangadha N, Mohan A. Disseminated tuberculosis in a patient with systemic lupus erythematosus. *J Clin Sci Res* 2012;1:199-203.
5. Kumar BS, Mohan A. Subcutaneous cysticercosis. *Indian J Med Res* 2012;136:102.
6. Kumar BS, Mohan A. Authors' response. *Indian J Med Res* 2012;136:678-9.
7. Kannan T, Sivaram Naik G, Sreedhar Babu KV, Vijayalakshmi B, Metastatic brachial plexopathy in breast cancer. *J Clin Sci Res* 2012;1:196-8.
8. Mohan A. EAMCET goes global and ecofriendly! *Natl Med J India* 2012;25:125.
9. Mohan A, Vengamma B. Continuous positive airway pressure for metabolic syndrome in obstructive sleep apnoea. *Natl Med J India* 2012;25:222-4.
10. Mohan A. Parthenium hysterophorus as Ganesh Puja Patri : a disaster in the making. *Natl Med J India* 2012;25:316.
10. Mohan A, Sharma SK. Acid base disorders. In Munjal YP, Editor-in Chief. *API Textbook of medicine*. 9th edition. New Delhi: Published by Jaypee Brothers Medical Publishers. *JAssoc Physicians India* 2012;239-45.
11. Mohan A, Sharma SK. Sepsis and acute respiratory distress syndrome. In Munjal YP, Editor-in Chief. *API Textbook of medicine*. 9th edition. New Delhi: Published by Jaypee Brothers Medical Publishers. *JAssoc Physicians India* 2012;256-62.
12. Mohan A. Diseases of pleura, mediastinum, diaphragm and chest wall. In: Munjal YP, Editor-in Chief. *API Textbook of medicine*. 9th edition. New Delhi: Published by Jaypee Brothers Medical Publishers. *JAssoc Physicians India* 2012;1774-83.
13. Mohan A, Vijayalakshmi Devi B, Prabhath Kumar D, Hari Krishna J. Solitary pulmonary nodule: approach to diagnosis. In: Thakur BB, editor. *Postgraduate medicine*. Mumbai: Indian College of Physicians, Academic wing of The *JAssoc Physicians India* 2012;467-79.

12.8 CMEs/Seminars/Workshops conducted by the department

The monthly CME of the Tirupati chapter of Association of Physicians of India (Reg.No. 190/2007) was conducted by the Department of Medicine at SVIMS.

12.9 Other academic activities

Dr Krishnan and Dr Srikala Medicine Chair Oration 2012

The Second Dr Krishnan and Dr Srikala Medicine Chair Oration was held on 9th January 2013. Dr Kalpalatha K. Guntupalli, Professor of Medicine and Chief Section of Pulmonary, Critical Care and Sleep Medicine, Baylor College of

Book Chapters

8. Sharma SK, Mohan A. Miliary tuberculosis. In: Schlossberg D, editor. *Tuberculosis and non-tuberculous myco bacterial diseases*. Sixth Edition. Washington: ASM Press 2011;415-435.
9. Mohan A, Prabhath Kumar D, Harikrishna J. Lung transplantation: past,

Medicine, USA, delivered the oration titled “Less is more: current concepts in the management of critically ill”.

Dr Kalpalatha K. Guntupalli was felicitated with a Gold Medal, Shawl and Citation.

Others

Dr Alladi Mohan Professor and Head of the Department of medicine has been

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

Member, Steering Committee for evaluation of CB-NAAT, Revised National Tuberculosis Control Programme of Government of India

Member, Working Group to develop National Strategic Plan (2012-17) for Revised National Tuberculosis Control Programme (RNTCP), Government of India on **Research.**

Member, National Operational Research (OR) Committee for the involvement of Medical

Colleges in the Revised National Tuberculosis Control Programme (RNTCP) of Government of India

The Editor, *Indian Journal of Chest Diseases and Allied Sciences* published from V.P. Chest Institute, University of Delhi, since 2010

Associate Editor (Pictorial Quiz), *Lung India* (indexed in PUBMED) since 2010

Associate Editor, *Journal of Indian Association of Clinical Medicine* (indexed in INDMED) since 2011

Associate Editor, *J Clin Sci Res,* (indexed in Index Copernicus) since 2012

Vice-Chairman, Andhra Pradesh State Chapter of Association of Physicians of India

Vice-Chairman, Andhra Pradesh State Task Force for the involvement of Medical Colleges in the Revised National Tuberculosis Control Programme (RNTCP) of Government of India.

MCI Inspector to Kolkata (28-03-2012) and Pune (18-07-2012).

13.0 DEPARTMENT OF MICROBIOLOGY

Professor & Head

Dr Abhijit Chaudhury

Associate Professors

Dr K.K. Sharma

Dr Usha Kalawat

Assistant Professors

Dr B. Venkataramana

PG Residents

II Year

Dr G.L.S. Sumanth Kumar

I Year

Dr Anju Verma

III Year

Dr R. Jayaprada

13.1 Achievements

1. The department has acquired the state of the art Real time PCR instrument (Qiagen, Germany) in November, 2012 and has initially started Mycobacterium and HSV detection and plans to expand its use to HCV and HIV detection and quantification from 2013.
2. The department has started Immuno fluorescence microscopy for ANA detection.
3. Procalcitonin as a marker for sepsis has been started from December, 2012.

by conventional and MB/BacT Alert 3D system culture techniques (MD Thesis).

3. Sumanth Kumar GLS. A study to evaluate the sensitivity and specificity of ELISA taking indirect immunofluorescence as reference test in detecting autoantibodies related to connective tissue disorders and further differentiating them by Western Blot (MD Thesis).
4. Madhavi Lata P. Use of Polymerase chain reaction in the early diagnosis of leptospirosis (Ph.D Thesis).

13.2 Research work

Thesis work

Thesis submitted

Sreekanth Reddy B. Isolation, speciation and antibiogram pattern of clinically relevant non-diphtherial corynebacteria (Diphtheroids) (MD thesis), Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

Ongoing Thesis work

1. Sampoorana Anbumani M. A study in to the isolation of *Legionella* from clinical samples and hospital environment (PhD Thesis).
2. Jayaprada R. A study of microbiological diagnosis of extra-pulmonary tuberculosis

3.3 Conference, presentation and lectures delivered

Faculty

1. Dr Abhijit Chaudhury delivered a lecture on "Genomic Markers of Parasitic Infections" at VI National Conference of The Indian Academy of Tropical Parasitology, 11-14 October, 2012 at Indore.

Dr BV. Ramana, attended the following

1. XV AP Chapter Conference of Indian Association of Medical Microbiologists January 2012, Kurnool presented a poster on "Uropathogens in diabetic patients and their resistance pattern at a tertiary care centre".

2. National Seminar on Trends in Hospital waste Management-Need of the Hour, at SKR Govt. Degree College, Gudur, SPSR Nellore District on 9th October 2012 and delivered a plenary lecture entitled, "Microbial Hazards in Health-Care Waste".
3. Regional Academic Conference of IMA, ACIMA-2012, Tirupati and presented a paper review on "HIV prevalence in India & Andhra Pradesh, Diagnostic Techniques & Preventive Measures".

Postgraduates

1. R Jayaprada, A Chaudhury, U Kalawat. Cryptosporidium infection in Renal Transplant patient. Poster presentation at VI National Conference of The Indian Academy of Tropical Parasitology held at Indore during 11-14 October 2012.
2. GLS Sumanth Kumar, A Chaudhury, A Sobha Rani. Ventilator associated pneumonia at a tertiary care hospital: One year study. Poster presented at the XXXVI National Conference of Indian Association of Medical Microbiology held at New Delhi during 23-25 November 2012.

13.4 Publications

1. Abhijit Chaudhury, R Jayaprada, B Venkatramana. Catheter lock technique: in vitro efficacy of ethanol for eradication of methicillin-resistant staphylococcal biofilm compared with other agents. FEMS Immunol Med Microbiol (UK) 2012; 65 : 305-8.
2. Srikanth Reddy B, Chaudhury A, Kalawat U, Jayaprada R, Satish K Reddy, Ramana BV. Isolation, Speciation and Antibigram of Clinically relevant non-diphtherial *Corynebacteria* (diphtheroids). Indian J Med Microbiol 2012;30:52-7.
3. Usha Kalawat, Reddy GS, Sandeep Y, Ram Naveen P, Manjusha Y, Chaudhury A, Siva Kumar V. Successfully treated *Curvularia lunata* peritonitis in a peritoneal dialysis patient. Indian J Nephrol 2012; 22:318-19.
4. Hari Prasad O, Nanda Kumar Y, Reddy OVS, Abhijit Chaudhary, Sarma PVGK. Cloning, Expression, Purification and Characterization of UMP Kinase from *Staphylococcus aureus*. Protein J 2012; 3:345-52.
5. Ramana BV, Chaudhury A. Prevalence of uropathogens in diabetic patients and their resistance pattern at a tertiary care center in south India. Int J Biol Med Res. 2012; 3: 1433-5.
6. Jayaprada A, Abhijit Chaudhury, Venkata ramana B, Shobha Rani A. Pan-resistance among gram-negative clinical isolates at a tertiary care hospital in South India. J Clin Sci Res 2012; 3: 121-5.
7. Ramana BV, Chaudhury A, Bhagyalakshmi M. Bacteriology of pleural fluid infections at a tertiary care hospital. IJPRBS 2012;1:373-9.
8. Ramana BV, Chaudhury A. Rising incidence of high MIC for vancomycin among *Staphylococcus aureus* strains at a tertiary care hospital in South India. J Pharm Bioall Sci 2012;4:173.
9. Ramana BV, Chaudhury A. Device associated nosocomial infections and patterns of antimicrobial resistance at a tertiary care hospital. J Dr NTR Univ Health Sci 2012; 1:86-9.
10. Ramana BV, Chaudhury A. Antibiotic Resistance pattern of *Moraxella catarrhalis* in a tertiary care hospital. Int. J. of Pharm. & Life Sci 2012;.3:1805-6.
11. Ramana BV, Chaudhury A. Antibiotic resistance pattern of *Pseudomonas aeruginosa* isolated from Healthcare - associated infections at a tertiary care hospital. J Sci Soc 2012; 39:78-80.

12. Ramana BV, Pavani P, Abhijit Chaudhury. Serological study for Japanese Encephalitis virus among hospitalized patients. IJPRBS 2012; 1: 359-63.
13. Nagaraja B, Ramana BV, Murty DS, Naidu KHV, KailasanathaReddy B. Prevalence of Toxoplasmosis among antenatal women with bad obstetric history. IJPRBS 2012;1:215-21
14. Nagaraja B, Ramana BV, VenkataRao B, Madhavi. A study of fever cases in urban slum areas in and around Vijayawada. IJPRBS 2012;1:530-2.
15. Ramana BV, Murty DS, Naidu KHV, Reddy BK. Seroprevalence of Rubella in women with bad obstetric history. J Fam Med Primary Care. (Accepted).
16. Usha Kalawat, I Sumathi, R Jayaprada, SK Reddy, A Chaudhury, KK Sharma. Speciation of oxidase positive non fermentative Gram negative rods. Schol Res J (Accepted).

Book Chapters

1. Chaudhury A. Status of Commercial Microbiology kits in India In: A Manual of Commercial Methods in Clinical Microbiology; Editor: Allan L Truant, 2nd Ed, ASM Press, Washington DC (in press).

Editorial Board and Referee

1. Dr BV Ramana is in the editorial board of
 - a. International Journal of Pharmaceutical Research and Bio-Science
 - b. International Journal of Pure & Applied Research in Engineering & Technology.
2. Dr A Chaudhury is in the editorial board of Journal of Clinical and Scientific Research
3. Dr A Chaudhury acted as referee for Indian Journal of Medical Research and Oman Medical Journal.

13.5 Other Academic activities

Dr A Chaudhury

1. Elected as Member of the Executive Board of Indian Academy of Tropical Parasitology.
2. Member Board of Studies, Dept of Virology, SV University, Tirupati.
3. Acted as external examiner for MD (Microbiology) at Medical Colleges at Ambajogai (Maharashtra), Kolar (Karnataka), and at JIPMER, Pondicherry.
4. Acted as external examiner for MBBS at KPC Medical College, Kolkata.
5. MCI assessor to approve the starting of MD (Microbiology) course at Bhopal (MP).

14.0 DEPARTMENT OF NEPHROLOGY

Senior Professor & Head

Dr V. Siva Kumar

Associate Professor

Dr R. Ram

Assistant Professors

Dr C. Krishna Kishore

Dr P. Ravinder

Medical Officer

Dr R.D. Nagaraja

PG Residents

III Year

Dr A.V.S.S.N. Sridhar

II Year

Dr B.Varalakshmi Devi

I Year

Dr P. Sandeep

14.1 Awards

Dr AVSSN. Sridhar, Senior Resident Postgraduate student in DM (Nephrology) won the *best poster* award in the conference held at Indian Academy of Nephrology, Bengaluru during 13-15 April 2012.

14.2 Fellowships and Orations

Dr Siva Kumar V, Senior Professor and Head of the Department received the “*IMA endowment oration*” held at Tenali, Andhra Pradesh on 24th December 2012.

14.3 Research work

Thesis work

Thesis submitted

Sandeep Reddy Y. To study endothelial dysfunction in chronic kidney disease in Adults (DM Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

Ongoing Thesis work

1. Sridhar AVSSN. To study oxidant and anti-oxidant status in adults with chronic kidney disease (DM Thesis).
2. Varalakshmi Devi B. Role of Osteopontin as a marker in Acute kidney injury (DM Thesis).

Thesis work done in collaboration with other departments

Theses submitted

Dr V. Siva Kumar, was *Co-guide* for the following theses

1. Naresh Y. Clinical utility of estimation of salivary parameters in screening, diagnosis and monitoring kidney disease (DM Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
2. Asha Latha VL. Novel biomarkers in studying the contrast – induced effects on kidney (DM Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
3. Madhusudhana Rao A. Role of adipokines in endothelial dysfunction at various stages of kidney disease (DM Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

Ongoing Thesis work

4. Shivakrishna G. Gut derived uremic toxins in various stages of chronic kidney disease (DM Thesis)
5. Pavan Kumar G. Kale. Hemodialysis arteriovenous fistula maturity: ultrasound evaluation (DNB Radiology).

14.4 Conferences and Workshops attended

Dr V. Siva kumar attended

International

Invited faculty lecture delivered on "Continuous Renal Replacement Therapies" at San Diego, California, USA during 14-17 February 2012.

National

1. ISN - Southern Chapter at Chennai on 3rd March 2012.
2. Indian Society of Nephrology Conference at Ahmedabad on 5th December 2012.

Dr A.V.S.S.N. Sridhar, attended the following

1. ISN - Southern Chapter at Chennai on 3rd March 2012.
2. Indian Academy of Nephrology, Bengaluru during 13-15 April 2012.
3. Presented a poster on "Pregnancy and Acute kidney injury" at Indian Academy of Nephrology, Bengaluru during 13-15 April 2012.

Dr K. Sreedevi, attended the following

1. Indian Academy of Nephrology, Bengaluru during 13-15 April 2012.

Posters

1. Cutaneous manifestations of Chronic Kidney Disease by Dr K. Sreedevi at Indian Academy of Nephrology, 2012 during 13-15 April. 2012

Observership

Dr Y. Sandeep Reddy attended as observer at Madras Medical College, Chennai during 1-15 April 2012.

14.5 Publications

Published

1. Reddy YS, Manjusha Y, Kishore CK, Sridhar N, Sriram Naveen P, Sivakumar V. Spontaneous cure of migrated peritoneal catheter. *Perit Dial Int* 2012; 32:107-8.
2. Sridhar A, Sandeep Y, Krishna Kishore C, Sriram Naveen P, Manjusha Y, Sivakumar V. Fatal Poisoning by Isoniazid and Rifampicin. *Indian J Nephrol* 2012; 22: 5: 385-7.
3. Sandeep Reddy Y, Abdul Nabi S, Appa Rao C, Srilatha C, Manjusha Y, Sriram Naveen P,

Krihna Kishore C, Sridhar A, Siva Kumar Y. Hairdye Related Acute Kidney Injury. A Clinical and Experimental study. *Ren Fail* 2012; 34:880-4.

4. Sandeep Reddy Y, et al. Metastatic Calcinosis Cutis in Patients of End Stage Renal Disease. *Hemodial Int*. 2012; 16: 447-53.
5. Manjusha Yadla, et al. Epitrochlear mass in a patient on maintenance hemodialysis - Kimura disease. *Hemodial Int* 2012; 16:568-70.
6. Abhirami K, Sivarama Krishna G, Lakshmi AY, Siva Kumar V. Urinary ascites. *Indian J Nephrol* 2012; 22:143-4.
7. Ramakrishna P, Reddy EP, Suchithra MM, Bitla AR, Rao PV, Siva Kumar V. Effect of reuse of Polysulfone membrane on oxidative stress during hemodialysis. *Indian JNephrol* 2012; 3:200-5.
8. Krishna GS, Vijayalakshmi B, Lakshmi AY, Mutheshwaraiah B, Siva Kumar V. Perinephric abscess with extension into Mediastinum and epidural space. *Indian J Nephrol* 2012; 22: 224-5.
9. Manjusha Yadla, et al. Multifocal Skeletal Tuberculosis. *Clin Kidney J* 2012; 5:366.
10. Kalawat U, Reddy GS, Sandeep Y, Ram Naveen P, Manjusha Y, Chaudhury A, Siva Kumar V. Successfully treated Curricularialunata peritonitis in a peritoneal dialysis patients. *Indian J Nephrol* 2012; 22: 318-19.

Accepted for publication

11. Krishna Kishore C, et al. Strenoclavicular joint Arthritis with Acute Kidney Injury: *Ren Fail* 2013; 35.
12. Varalakshmi Devi B, et al. Role of Plasma exchange in a patient of steroids unresponsive Devics disease. *Indian J Nephrol* 2012.
13. Varalakshmi Devi B, et al. Occurence of peritonitis with two rare organisms, diptheroid species and Acinetobacter species in a patient receiving Continuous Ambulatory Peritoneal Dialysis. *Indian J Per Dial*.

14.6 Other academic activities

- * Seminars:- Once a week (Thursday)
- * Journal club:- Once a week (Saturday)
- * Grand Rounds:- On Tuesday, Thursday and Saturday

15.0 DEPARTMENT OF NEUROLOGY

Senior Professor & Head

Dr B. Vengamma

Professor

Dr M. Rajguru

Assistant Professors

Dr V.B. Rao Janapareddi

Dr T. Naveen

PG Residents

III Year

Dr M. Naga Suresh
Dr P. Srinivas
Dr V. Naveen

II Year

Dr J. Varadaraja
Dr M. Sudhakar Rao
Dr G. Ramakrishna

I year

Dr P. Nataraja
Dr B. Omprakash
Dr D. Dayakar

15.1 Awards

Dr B. Vengamma:

1. Bestowed with “**Spirit of Humanity Award-2012**” (Certificate of Merit) for outstanding contribution towards healthcare for society in the Dept., of Neurology/Mental Health category by Americares India on 07.04.2012 at Mumbai
2. Awarded “**Alumni Award for Excellence**” on the Alumni Day Celebrations of Sri Venkateswara University Alumni Association, SV University, Tirupati on 27th August, 2012

15.2 Fellowship

1. Dr B. Vengamma was awarded “**Fellowship of the Royal college of Physicians (FRCP)**” by the Royal college council, Edinburgh

15.3 Research Projects

Ongoing Research Projects

Dr B. Vengamma

1. Protocol : N01199– “An International, randomized, double-blind, parallel group, placebo-controlled, flexible dose study : Evaluation of the safety and efficacy of brivaracetam in subjects (≥ 16 to 70 years old) suffering from localization-related or generalized epilepsy”

2. ICMR Project titled. “Status of Hypothalamic Pituitary axis in patients with meningitis and Meningoencephalitis” by Departments of Neurology & Endocrinology, SVIMS.(Co investigator)
3. Drug Trial entitled “An open, multicentric non-comparative study to assess, the effect of phenobarbitone on cognition and behavior in pediatric patients with generalized tonic-clonic seizures or partial seizures” -Phase IV clinical trial Protocol No.- GDL-PHL/09/08
4. 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 hs CRP

15.4 Research work

Thesis work

Theses submitted

1. Naveen T. Clinical manifestations, radiological findings and outcome in cerebral vein and dural sinus thrombosis: a prospective study. (DM thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

Ongoing Thesis work

1. Naveen V. N-terminal pro Brain Natriuretic Peptide Levels and short term prognosis in acute ischemic stroke (DM Thesis).
2. Naga Suresh M. Aetiology, clinical manifestations, radiological findings and outcome of Stroke in Young: A prospective study (DM Thesis).
3. Srinivas P. To assess the risk of Multiple Sclerosis in patients presenting with Optic Neuritis (DM Thesis).
4. Sudhakar Rao M. Status epilepticus: a study of etiology, clinical presentation, management and prognosis (DM Thesis).
5. Rama Krishna M. The Spectrum of inflammatory demyelinating diseases of the central nervous system (DM Thesis).
6. Varadaraja J. In hospital medical and neurological complications, and outcome of stroke patients (DM Thesis).

15.5 Conferences attended

Dr B. Vengamma, attended the following

1. 5th annual "AAPI Indo-US Healthcare summit", hosted in conjunction with the Federation of Andhra Pradesh medical graduates in USA (APMGUSA) at Taj Krishna hotel in Hyderabad during 2-4 January 2012.
2. APMGUSA - Update on Emergency medicine meeting at Gandhi Medical College, Hyderabad held on 8th January 2012
3. 5th Annual national conference of "International trauma care" at Katriya hotels & towers, Somajiguda, Hyderabad during 24-26 February 2012.
4. KID's Update 2012 conference held at Karnataka Institute of Diabetology, Bangalore on 3rd March 2012.

5. National seminar on mental health and well being across the life span organized by the Department of Psychology, Sri Venkateswara University, Tirupati during 17-18 March 2012
6. "The Neurology Summit 2012" organised by Johnson & Johnson in collaboration with Asian Society of Continuing Medical Education at Novotel convention centre Hyderabad during 2-3 June 2012.
7. "NeuCon South 2012" conference at Bengaluru during 15-16 September 2012.
8. "IANCON 2012" 20th Annual conference at Ahmedabad during 4-6 October 2012.

Dr J. Vijaya Bhaskara Rao, attended the following

1. ECON 2012 Conference at Kochi, Kerala during 25-26 February 2012
2. APNEUROCON 2012 organised by Indus Hospitals Vizag on the occasion of 19th Annual conference of Andhra Pradesh Neuroscientist's Association during 14-15 July 2012 and presented paper on "Sleep Disordered Breathing in Epilepsy"

Dr T. Naveen, attended the "IANCON 2012" 20th Annual conference at Ahmedabad during 4-7 October 2012.

Conferences attended by the postgraduate students

Dr M. Naga Suresh, attended the following

1. ECON 2012 Conference at Kochi, Kerala during 25-26 February 2012.
2. EEG workshop, organized by Narayana Medical College, Nellore, on 22nd April 2012.
3. "NeuCon South 2012" Conference at Bengaluru during 15-16 September 2012.
4. Tysa conference, Bangalore during 22-23 September 2012.
5. IANCON – 20th Annual Conference at Ahmedabad, during 4-7 October 2012.

6. Revision course for DM/DNB Neurology & MCh/DNB Neurosurgery 2012 and Paediatric Neuro Sciences at Institute of Neurology – Conducted by Madras Medical College, Chennai during 24-25 November 2012.

7. Surgical Perspective of Epilepsy at Tirupati

Dr P. Srinivas, attended the following

1. ECON 2012 Conference at Kochi, Kerala during 25-26 February 2012.
2. EEG workshop, organized by Narayana Medical College, Nellore, on 22nd April 2012
3. “NeuCon South 2012” Conference at Bengaluru during 15-16 September 2012.
4. Tysa conference, Bangalore during 22-23 September 2012.
5. IANCON – 20th Annual Conference at Ahmedabad, during 4-7 October 2012.
6. Revision course for DM/DNB Neurology & MCh/DNB Neurosurgery 2012 and Paediatric Neuro Sciences at Institute of Neurology – Conducted by Madras Medical College, Chennai during 24-25 November 2012.
7. Surgical Perspective of Epilepsy at Tirupati

Dr V. Naveen, attended the following

1. ECON 2012 Conference at Kochi, Kerala during 25-26 February 2012.
2. EEG workshop, organized by Narayana Medical College, Nellore, on 22nd April 2012.
3. “NeuCon South 2012” Conference at Bengaluru during 15-16 September 2012.
4. Tysa conference, Bangalore during 22-23 September 2012.
5. IANCON – 20th Annual Conference at Ahmedabad, during 4-7 October 2012.

6. Revision course for DM/DNB Neurology & MCh/DNB Neurosurgery 2012 and Paediatric Neuro Sciences at Institute of Neurology – Conducted by Madras Medical College, Chennai during 24-25 November 2012.

7. Surgical Perspective of Epilepsy at Tirupati

Dr G. Rama Krishna, attended the following

1. ECON 2012 Conference at Kochi, Kerala during 25-26 February 2012.
2. EEG workshop, organized by Narayana Medical College, Nellore, on 22nd April 2012.
3. “NeuCon South 2012” Conference at Bengaluru during 15-16 September 2012.
4. Tysa conference, Bangalore during 22-23 September 2012.
5. IANCON – 20th Annual Conference at Ahmedabad, during 4-7 October 2012.
6. Revision course for DM/DNB Neurology & MCh/DNB Neurosurgery 2012 and Paediatric Neuro Sciences at Institute of Neurology – Conducted by Madras Medical College, Chennai during 24-25 November 2012.
7. Surgical Perspective of Epilepsy at Tirupati.

Dr J. Varadaraja, attended the following

1. ECON 2012 Conference at Kochi, Kerala during 25-26 February 2012.
2. EEG workshop, organized by Narayana Medical College, Nellore, on 22nd April 2012.
3. “NeuCon South 2012” Conference at Bengaluru during 15-16 September 2012.
4. Tysa conference, Bangalore during 22-23 September 2012.
5. IANCON – 20th Annual Conference at Ahmedabad, during 4-7 October 2012.

6. Revision course for DM/DNB Neurology & MCh/DNB Neurosurgery 2012 and Paediatric Neuro Sciences at Institute of Neurology – Conducted by Madras Medical College, Chennai during 24-25 November 2012.
7. Surgical Perspective of Epilepsy at Tirupati

Dr M. Sudhakar Rao, attended the following

1. ECON 2012 Conference at Kochi, Kerala during 25-26 February 2012.
2. EEG workshop, organized by Narayana Medical College, Nellore, on 22nd April 2012.
3. “NeuCon South 2012” Conference at Bengaluru during 15-16 September 2012.
4. Tysa conference, Bangalore during 22-23 September 2012.
5. IANCON–20th Annual Conference at Ahmedabad, during 4-7 October 2012.
6. Revision course for DM/DNB Neurology & MCh/DNB Neurosurgery 2012 and Paediatric Neuro Sciences at Institute of Neurology–Conducted by Madras Medical College, Chennai during 24-25 November 2012.
7. Surgical Perspective of Epilepsy at Tirupati

15.6 Lectures delivered

Dr B. Vengamma attended

1. KID's Update 2012 conference held at Karnataka Institute of Diabetology, Bangalore on 3rd March 2012 and delivered a lecture on “Handling the havocs of Diabetes” - Panel discussion on Diabetic target organ involvement.
2. National seminar on mental health and well being across the life span organized by the Department of Psychology, Sri Venkateswara University, Tirupati during 17-18 March 2012 and delivered a lecture on “Approach to Dementia”.

3. APNEUROCON 2012 organised by Indus Hospitals Vizag on the occasion of 19th Annual conference of Andhra Pradesh Neuroscientist's Association during 14-15 July 2012 and presented a paper on “Sleep Disordered Breathing in Epilepsy and also delivered a lecture on “Challenges in the medical management of Drug resistant seizures: Balancing the efficacy and risk”.
4. CME on DEMENTIA and EPILEPSY jointly organized by Institute of Neurology Madras Medical College and Dementia Society of India Chennai on 27th July 2012 and delivered a lecture on “Problem starts when seizure stops”.
5. “NEUCON South 2012” conference at Bengaluru during 15-16 September 2012 and delivered a lecture on “Controversies in Neurology – Use of steroid in Muscular dystrophy”.
6. Monthly CME of Indian Medical Association, Tirupati Branch at Tirupati on 16th December 2012 and delivered a lecture on “Guillain – Barea syndrome current trends in diagnosis and treatment”.

Postgraduates

At AP Neurocon, Vizag, Andhra Pradesh during 14-15 July 2012 the following papers were presented

1. “A study of Decompressive Craniectomy in Stroke – SVIMS Experience”
2. “3 cases of Hallervorden Spatz Disease”
3. “Plasmapheresis in a case of Neuromyelitis Optica”

15.7 Publications

1. **Vengamma B**, Munikumar M, Priyadarshini V, Pradhan D, Sandeep S, Uma-maheswari A. In silico identification of common putative Drug targets among the pathogens of bacterial meningitis. *Biochem Anal Biochem* 2012;1:100-23.

2. Munikumar M, Priyadarshini V, Pradhan D, Umamaheswari A, **Vengamma B.** computational approaches to identify common subunit vaccine candidates against bacterial meningitis. Interdiscip Sci Comput Life Sci 2012 (*in press*).
3. **Honorary Editor-in-Chief** of the “J Clin Sci Res” an official quarterly peer reviewed publication of Sri Venkateswara Institute of Medical Sciences : ISSN 2277-5706 from Jan 2012.

Book Chapters

4. Vengamma B. Clinical approach to coma. In: Munjal Y (editor). API Text book of Medicine. 9th ed. Mumbai: Assoc Physicians India . Jaypee Brothers, Medical Publishers 2012

15.8 CMEs/Oration/Seminars/Workshops organised

Oration

1. “3rd IEA Tirupati Oration in Epileptology” organised on 8th December 2012 at SVIMS. Dr S. Kalyanaraman, Former Professor of Neurosurgery, Madras Medical College, Chennai delivered talk on “Frequently asked questions by patients and Caregivers about Epilepsy”.
He was felicitated with a Gold Medal, Shawl and Citation.

Awareness Programme

2. The Epilepsy Awareness Program for School teachers of Chittoor district was organised on 17th November 2012 at SVIMS, Tirupati. 150 delegates were attended.

15.9 Other Academic activities

Chairperson in State/National Conferences

Dr B. Vengamma attended

1. 15th Annual National Conference of “International Trauma Care” at Hyderabad during 24-26 February 2012 and chaired a session.
2. “IANCON 2012” Conference at Ahmedabad during 4-6 October 2012 and chaired a session.

President/vice-president in professional bodies by Dr B. Vengamma

1. President, Indian Epilepsy Association, Tirupati Chapter, since 1997.
2. Chair-person, Tirupati Chapter of Association of Physicians of India 2010-11 and 2011-12.
3. Vice-President, Indian Epilepsy Society (IES) 2008-10.

16.0 DEPARTMENT OF NEUROSURGERY

Professor & Head

Dr B.C.M. Prasad

Associate Professor

Dr V.V. Ramesh Chandra

Assistant Professors

Dr V. Ravikanth

Dr D. Jagadeeswara Reddy

PG Residents

III Year

Dr V. Jayachandar

Dr M.A. Jagadeesh Kumar

II year

Dr I. Kaushal

Dr A. Sanjeev Kumar

Dr Abdul Ameen

I Year

Dr K. Pundarikakshaiah

Dr C. Krishna Mohan

Dr C. Siva Subramanyam

16.1 Awards

Dr B.C.M. Prasad received 'Neurosamaritan' Award by MIHTA for his contribution to the field of Neurosurgery.

16.2 Fellowships and orations

International

Dr V.V.Ramesh Chandra received *Young Neurosurgeon Fellowship* at Nagoya University, Japan during 19-28 October 2012.

16.3 Research work

Thesis work

Thesis submitted

1. Kiran Kumar VA. Study of the clinical profile and surgical outcome of spinal disorders in children and adolescents at a tertiary referral centre (SVIMS, Tirupati). (MCh Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

Ongoing Thesis work

1. Jayachandar V. Lateral mass screw fixation in C1, C2 vertebrae : a prospective study on technical analysis and outcome (MCh Thesis).
2. Jagadish Kumar MA. PMMA augmented fenestrated pedicle screws in spondylo-listhesis in patients with osteoporosis—an initial experience (MCh Thesis).

3. Kaushal I. Prospective study of cervical disc arthroplasty – a clinico- radiological analysis (MCh Thesis).
4. Sanjeev Kumar A. Functional outcome of autologous stem cell transplantation in patients with complete spinal cord injury (MCh Thesis).
5. Ameen MA. Anterior versus posterior procedure in surgical management of thoraco-lumbar tuberculosis (MCh Thesis).

Thesis work done in collaboration with other departments

Theses submitted

Dr B.C.M. Prasad, was *Co-guide* for the following theses

1. Swamy K. MRI evaluation of spinal canal tumours – correlation with histopathology (MCh Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
2. Sameera K. Expression of p53 and EGFR in glioblastoma multiforme (MCh Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

16.4 Conferences attended by the faculty

1. Dr B.C.M. Prasad, attended ACNS 2012 at Istanbul, Turkey during 5-7 September 2012.

Dr V.V. Ramesh Chandra, attended the following

1. ACNS 2012 at Istanbul, Turkey during 5-7 September 2012 and presented on “PMMA augmented fenestrated pedicle screws in Spondylolisthesis with steoporosis” and “Atypical manifestation of craniospinal tuberculosis”.
2. Indo - Japan Conference at Osaka, Japan during 19-20 October 2012 and presented paper on “Atypical manifestation of craniospinal Tuberculosis”.
3. SPINE 2012 at Chennai on 5th November 2012 and presented a paper on “Spinal extramural arachnoid cyst”.
4. NEUROCON 2012 at Delhi during 18-22 December 2012 and presented a paper on PMMA augmented fenestrated pedicle screws in Spondylolisthesis with osteoporosis.

16.5 Presentations by postgraduate students

Jayachandar V, attended the following

1. Poster presentation – Primary Vertebral Ewing’s Sarcoma at AP NEUROCON, Vizag held on 5th April 2012.
2. Podium presentation – Spinal extradural arachnoid cyst at AP NEUROCON, Vizag held on on 5th April 2012
3. **Ameen MA.** Podium presentation – Clinical profile and surgical outcome in paediatric spinal disorders at AP NEUROCON, Vizag held on 5th April 2012.
4. **Jagadish MA.** Podium presentation – PMMA augmented fenestrated pedicle screws in Spondylolisthesis with Osteoporosis at AP NEUROCON, Vizag held on 5th April 2012.

16.6 Publications

1. Prasad BCM, Ramesh Chandra VV, Varaprasad. Ulnar nerve tuberculoma - case report accepted in JNS - Pediatrics
2. Prasad BCM, Ramesh Chandra VV, Varaprasad. Recurrent chronic SDH in CML- Turk Neurosurgery 2012; 22:777-8.

16.7 CMEs/Seminars/Workshops

- 1 **Dr V. Ravikanth**, attended a cadaveric spine workshop held at Mumbai during 19-20 March 2012.
- 2 **Dr V.V. Ramesh Chandra**, attended a cadaveric spine work shop held at Suwon, South Korea during 19-20 March 2012.
- 3 **Dr V. Jayachandar**, attended a Medtronic high speed drill cadaveric workshop during 13-14 July 2012.
- 4 **Dr M.A.Jagadish Kumar**, attended a Medtronic high speed drill cadaveric workshop during 13-14 July 2012.
- 5 **Dr M.A.Ameen**, attended a Medtronic high speed drill adaveric workshop during 13-14 July 2012.
- 6 **Dr V.Jayachandar**, attended a post graduate revision course held at Chennai during 9-10 October 2012.
- 7 **Dr M.A.Jagadish Kumar**, attended a post graduate revision course held at Chennai during 9-10 October 2012.
- 8 **Dr I.Kaushal**, attended a post graduate revision course held at Chennai during 9-10 October 2012.
- 9 **Dr D. Jagadeeshwar Reddy** , attended a neurosurgical skills training program held at AIIMS, New Delhi during 23-27 Novemeber 2012.

17.0 DEPARTMENT OF NUCLEAR MEDICINE

Additional Professor

Dr T.C.Kalawat

Assistant Professor

Dr Ranadheer Gupta Mantri

PG Resident

II year

Dr Ravishwar Narayan

17.1 Research work

Thesis work

Ongoing Thesis work

Ravishwar Narayan, DNB (NM) Resident –
“Role of Samarium-153 Ethylene Diamine tetra
methylene phosphonate Radionuclide Bone pain
Palliation in patients with metastatic bone disease.

Thesis work done in collaboration with other departments.

Satish Kumar P. Evaluation of Vitamin B12
status in patients with Radio-iodine ablation of
Thyroid gland (DM thesis). Tirupati : Sri
Venkateswara Institute of Medical Sciences; 2012

17.2 Research Projects

Ongoing Research Projects

1. **Title :** Role of Radionuclide Lympho Scintigraphy for evaluation of Leg swellings. **Funding agency:** (INMAS) DRDO-SVIMS Joint Project.
2. **Title :** Radionuclide Scintigraphy in Non-healing Foot & Leg ulcers. **Funding agency:** (INMAS) DRDO-SVIMS Joint Project.
3. **Principal Investigator:** Dr T.C. Kalawat, **Title:** To determine the role of brain SPECT in the study of emotion and neurocognition. **Funding agency:** (INMAS) DRDO-SVIMS Joint Project.

17.3 Conferences attended, lectures delivered

Dr T.C. Kalawat, attended the following

1. CME at S.V. Medical College, Tirupati, on 28th July 2012 and spoke on

- Radionuclides & evolution of functional imaging technology.
- Principles and clinical application of PET-CT molecular imaging.

2. CME Programme on “Therapeutic application of Nuclear Medicine” at PGIMER, Chandigarh during 22-23 September 2012.
3. The Society of Nuclear Medicine (India) SC-2012, 18th Annual conference held at Kozhikode, Kerala and Chaired a Scientific session during 3-4 November 2012.
4. SNM I Conference during 29th November 2012 to 02nd December 2012 at Bhubaneswar, Orissa and delivered keynote address on “Diagnosis of GI Tract disorders using recent advancements in Nuclear Medicine”.and presented a Poster on the Topic: “Role of 18-F FDG PET-CT in Renal Malignancies -Initial Experiences”.

Dr M. Ranadheer Gupta, attended the following

1. CME at S.V. Medical College, Tirupati, on 28th July 2012 and spoke on Radionuclide Functional Imaging - “A Bird’s Eye View”.
2. 10th Annual Conference of ANMPI, New Delhi on 29th September 2012 and presented a poster on “Cytopathological correlation of incidentally detected FDG avid thyroid nodules”.
3. The Society of Nuclear Medicine (India) SC-2012, 18th Annual conference during 3-4 November 2012 held at Kozhikode, Kerala.

Dr Ravishwar Narayan, attended the following

1. CME Programme jointly organised by Department of Radiology & Nuclear Medicine at SVIMS, Tirupati on 11th February 2012.
2. The Society of Nuclear Medicine (India) SC-2012, 18th Annual Conference during 3-4 November 2012 held at Kozhikode, Kerala and made an Oral Presentation on "Role of 18-F FDG PET-CT in follow-up of treated Breast Carcinoma patients: SVIMS experience".
3. SNM I Conference held at Bhubaneswar, Orissa during 29th November 2012 to 2nd December 2012.

Inter-Departmental Interactive Lectures

Dr T.C. Kalawat, delivered the following lectures on

"Role of Functional Imaging in Movement Disorders" and "Role of Nuclear Medicine in Cerebro-vascular accidents" during inter departmental session by Department of Nuclear Medicine & Neurology.

"Diagnosis of Gastro-intestinal disorders using recent advancement in Nuclear Medicine" during inter departmental session by Dept. of Nuclear Medicine & Dept. of Surgical Gastro-Enterology:

Dr M.Ranadheergupta, delivered the following lectures on

"Role Of Functional and Molecular Imaging in Epilepsy", "Scintigraphic Confirmation of Brain Death", "Functional Imaging in Brain Tumors" and "Functional Imaging in Dementia" during the inter departmental session by Dept. of Nuclear Medicine & Dept. of Neurology:

"Radionuclides in imaging & therapy of liver and biliary disorders" and

Functional and molecular imaging in carcinoma esophagus" during the inter departmental session by Dept. of Nuclear medicine & Dept. of Surgical gastro-enterology.

17.4 Publications

1. Manjusha Yadla, Kalawat TC. Multifocal Skeletal Tuberculosis. Clin Kidney J 2012;5:366.
2. Kalawat TC et al. PET-CT in re-staging and treatment response evaluation. J Clin Sci Res 2012;1:49-52.
3. Amaresh Reddy P, Harinarayan CV, Suresh V, Rajagopal G, Krishna Tilak T, Suchitra MM, Srinivasa Rao PVLN, Sachan A, Kalawat TC. Effect of block-replacement regimen on bone mineral density and biochemical markers in patients with thyrotoxic bone disease. J Clin Sci Res 2012;1:60-70.
4. Kalawat TC. Role of PET-CT Imaging in documentation of infection & viability of stored bone graft. J Soc Wond Care Res 2012;5:44-6.

17.5 CMEs/Seminars/Workshops/ Orations conducted

A CME on PET-CT Imaging beyond FDG was held on 11th February, 2012 at SVIMS. Dr K.M. Lakshmipathy, Sr. Consultant, Kamakshi Memorial Hospital, Chennai delivered a guest lecture on "PET-CT Imaging beyond FDG"

17.6 Other academic activities

Dr T.C. Kalawat went as MCI assessor to Amritha School of Medicine, Cochin, Kerala on 16th January 2012 for starting MD Nuclear Medicine Course.

18.0 DEPARTMENT OF PATHOLOGY

Additional Professor

Dr B.V. Phaneendra

Associate Professor

Dr K. Radhika

Assistant Professors

Dr Rashmi Patnayak
Dr Amit Kumar Chauhan

Dr N. Rukmangada

PG Residents

III Year

Dr M. Anantha Satyanarayana
Dr Y. Sudhasree

I Year

Dr K. Sameera
Dr V.R. Rajasekhar Sanuvada

18.1 Awards

1. Dr K. Radhika has been awarded the diploma, MIAC (Member of International Academy of Cytology) at Freiburg, Germany on October 2012.
2. Dr K. Radhika nominated as faculty in European Cytology Congress in 2012.

18.2 Research work

Thesis work

Ongoing Thesis work

1. Anantha Satyanarayana M. Study of primary glomerular diseases with immunofluorescence and clinical correlation (MD Thesis).
2. Sudha Sree Y. Infiltrating duct cell carcinoma of breast – Hormonal receptor status correlation of C-erb B2 with PCR and IHC study (MD Thesis).
3. Raja Sekhar SVR. Value of Immunohistochemical markers like HBME-1, CK19, Galectin-3, in thyroid neoplasms under the guidance of Dr B.V. Phaneendra (MD Thesis).
4. Sameera K. Expression of p53 and EGFR in Glioblastoma multiforme, under the guidance of Dr K. Radhika (MD Thesis).

Thesis work done in collaboration with other departments

Dr B.V. Phaneendra, was *Co-guide* for the following theses

1. Radha Krihsna K. Prospective Randomized study comparing Billroth II with Braun anastomosis versus Roux-En-Y Reconstruction after radical distal sub total Gastrectomy for Gastric Cancer.
2. Sailaja A. Effects of Thyroid hormone Replacement on HbA1C levels in non-diabetic subjects with primary Hypothyroidism.

Dr K. Radhika, was *Co-guide* for the following theses

1. Ganaesh A. Comparison of prevalence and Pathological characteristics of prostate cancer between patients with PSA Levels of 2.6-4.0 ng/ml and those with PSA levels > 4 ng/ml with benign prostatic examination.
2. Suryaprakash Reddy C. A prospective observational study on effectiveness of prognostic factors influencing disease free Survival in Renal Cell Carcinoma.
3. Ameen MA. Anterior versus Posterior fusion in management of thoracolumbar tuberculosis.

18.3 Research Projects

Ongoing Research Projects

1. Phaneendra BV. Epidemiological and Histopathology study of oral malignancies with special reference to buccal cancers in and around Tirupati (Rayalaseema region).
2. Amit Kumar Chowhan. Should we apply suction during FNAC of thyroid lesion? A prospective study.

18.4 Conferences /CME attended/Lectures delivered

Faculty

Dr B.V. Phaneendra, attended the following

1. The CME on Breast Pathology at CMC, Vellore during 23-24 January 2012.
2. The Zonal CME at S.V.Medical College, Tirupati held on 28th April 2012.
3. Delivered guest lecture on "Role of IHC in Diagnosis" at College of Veterinary Sciences, Tirupati – May 2012.
4. The State Conference at Andhra Medical Collage, Vizag during 7-8 September 2012.
5. The Zonal CME at S.V.Medical College, Tirupati held on 24th November 2012 and delivered a lecture on "Hodgkins Lymphoma".

Dr K. Radhika, attended the following

National

1. Indo-US International CME held at Dehradun during 3-5 February 2012.
2. 4th annual conference, Society of Haematology and Transfusion medicine – AP chapter ISHBT at Gandhi Medical College, Hyderabad during 14-15 July 2012.
3. The Zonal CME at S.V.Medical College, Tirupati held on 24th November 2012.

International

4. As a guest speaker / Faculty at 37th European Cytology Congress, Dubrovnik, Croatia during 30th September 2012 - 3rd October 2012.

- i) Did slide seminar on "Paediatric CNS tumors".
- ii) Participated in a workshop on "Salivary gland tumors".

Dr N. Rukmangadha, attended the following

1. Indo-US International CME held at Dehradun- January 2012.
2. The Zonal CME at S.V.Medical College, Tirupati held on 24th November 2012

Dr Rashmi Patnayak, attended the folloiwng

1. The CME on Breast Pathology at CMC, Vellore - January 2012
2. Current Concepts in Pathology at Pondicherry in October 2012 and presented poster on "Utility of IHC in demonstrating H.Pylori".
3. The Zonal CME at S.V.Medical College, Tirupati held on 24th November 2012.

Dr Amit Kumar Chowhan, attended the Zonal CME at S.V.Medical College, Tirupati held on 24th November 2012.

Postgraduates

Dr M. Anantha Sathyanarayana, attended the following

1. Indo-US International CME held at Deharadun - January 2012.
2. The Zonal CME at S.V.Medical College, Tirupati on 28th April 2012.
3. The State Conference at Andhra Medical College, Vizag during 7-8 September 2012 and presented a poster on "A study of primary glomerular diseases in adults – clinical, histopathological and immuno-fluorescence observations"
4. Preconference CME at Andhra Medical Collage, Vizag - September 2012.
5. Current Concepts in Pathology at Pondicherry- October 2012.
6. The Zonal CME at S.V.Medical College, Tirupati held on 24th November 2012.

Dr Y. Sudhasree attended the following

1. The Zonal CME at S.V.Medical College, Tirupati on 28th April 2012.
2. CME on Gynaecology at Bangalore - July 2012.
3. The State Conference at Andhra Medical College, Vizag during 7-8 September 2012 and presented on "Breast Carcinoma Evaluation – Hormone Receptor status and Her – 2 receptor status by IHC with PCR".
4. Preconference CME at Andhra Medical College, Vizag - September 2012.
5. Current Concepts in Pathology at Pondicherry - October 2012.
6. The Zonal CME at S.V.Medical College, Tirupati held on 24th November 2012.

Dr S.V.R. Raja Sekhar, attended the following

1. The State Conference at Andhra Medical College, Vizag during 7-8 September 2012 and presented on "Xantho granulomatous pyelonephritis".
2. Preconference CME at Andhra Medical College, Vizag - September 2012.
3. The Zonal CME at S.V.Medical College, Tirupati held on 24th November 2012.

Dr K. Sameera, attended the following

1. The State Conference at Andhra Medical College, Vizag during 7-8 September 2012 and presented "Adrenal Cortical Carcinoma – A case report with review of literature".
2. Preconference CME at Andhra Medical College, Vizag - September 2012.
3. Current Concepts in Pathology at Pondicherry - October 2012.
4. The Zonal CME at S.V.Medical College, Tirupati held on 24th November 2012.

18.5 Publications

Published

1. Sandeep Reddy Y, Manjusha Y, Sriram Naveen P, Krishna Kishore C, Sridhar AVSSN, Phaneendra BV, Rashmi Patnayak, Rukmangadha N, Vijayalakshmi B, Lakshmi AY, Sivakumar V. Metastatic calinosus cutis in patient of end-stage renal disease. Hemodial Int 2012.
2. Sreedhar Babu KV, Chowhan AK, Rukmangadha N, Kumaraswamy Reddy M. Cerebellar liponeurocytoma – A case report. J Clin Sci Res 2012;1:39-42.
3. Sreedhar Babu KV, Chowhan AK, Rukmangadha N, Kumaraswamy Reddy M. Chronic eosinophilic leukemia – A case report. J Clin Sci Res 2012;1:46-8.
4. Hari Krishna J, Siva Ram Nayak G, Aparna Reddy S, Prabhath Kumar D, Siddhartha Kumar R, Vijayalakshmi Devi B, Rukmangadha N, Alladi Mohan. Disseminated tuberculosis in a patient with SLE -A case report. J Clin Sci Res 2012;1:199-203.
5. Manjusha Y, Sriram Naveen P, Sivakumar V, Sandeep Reddy Y, Sridhar AVSSN, Krishna Kishore C, Vijayalakshmi B, Lakshmi AY, Rukmangadha N. Epitrochlear mass in a patient on maintenance hemodialysis -Kimura disease. Hemodial Int 2012;16:568-70.
6. Amitabh J, Bharathi T, Siva Kumar Reddy YK, Manilal B, Patnayak R, Phaneendra BV. Papanicolaou (Pap) test screening of staff members of a tertiary care teaching Hospital in South India. J Clin Sci Res 2012;1:174-7.
7. Rashmi Patnayak, Amitabh Jena, Vijayalakshmi B. Better cytological evaluation of thyroid lesion is possible with imageological findings. Thyroid Res Pract 2012;9:107.
8. Chowhan AK, Rukmangadha N, Manilal B, Vijayalakshmi Devi B, Kumaraswamy Reddy M. Myxoid chondrosarcoma of sphenoid bone. J Neurosci Rural Pract 2012;3:395.

9. Chowhan AK, Rukmangadha N, Sreedhar Babu KV, Rashmi Patnayak, Phaneendra BV, Varalakshmi Devi M, Kumaraswamy Reddy M. Retained intrauterine foetal bones: a rare case of secondary infertility leading to diagnostic dilemma. *J Clin Sci Res* 2012.
10. Chowhan AK, Rukmangadha N, Rashmi Patnayak, Phaneendra BV. Role of Syringe holder in reducing needle stick injury. *J Cytol* 2012; 29: 219.
11. Chowhan AK, Rukmangadha N, Rashmi Patnayak, Phaneendra BV. The role of cell blocks in improving the adequacy of FNA Smears. *Cytopathology* 2012; 23: 279.
12. Chowhan AK. Editorial comment to Paratesticular extrarenal Wilm's tumor. *Int J Urol* 2012; 19: 491-2.
13. U. Venkateswara Prasad, D. Vasu, Y. Nanda Kumar, P. Santhosh Kumar, S. Yeswanth, V. Swarupa, B.V. Phaneendra, Abhijit Chaudhary, P.V.G.K. Sarma. Cloning, expression and characterization of NADP-dependent isocitrate dehydro-genase from *Staphylococcus aureus*. *IJBB*.
14. Rashmi Patnayak. Primary extragastro intestinal stromal tumors: a clinico pathological and Immuno-histochemical study - A tertiary care centre experience. *Indian J Cancer*.
15. Radhika K, Aruna K, Prayaga, C. Sundaram. A Clinicopathological study of Malignant melanoma based on cytomorphology – original article. *Indian J Cancer*; 2012.
16. Radhika K, Phaneendra BV, Rukmangadha N, Kumaraswamy Reddy M. A Clinico pathologic study of skin adnexal Tumors - An Institutional experience. *J Clin Sci Res*.
17. Radhika K, Latheef MD, Subramanyam G. Histopathologic changes on Selenium with experimental cockerels. *Indian J Med Res* under revision Dr K. Radhika as corresponding author.
18. Radhika K, Sameera K, Phaneendra BV. Cutaneous aspergillosis in diabetic patient – A short case. *J Clin Sci Res*.
19. Radhika K, Subramanyam G, Lakshmi AY. Primary Synovial Sarcoma of Kidney – A case report. *Annals of urology under revision*.
20. Rukmangadha N, Radhika K, Phaneendra BV, Kumaraswamy Reddy M. Multicystic dysplastic kidney – A retrospective study with Clinicopathological correlation. *J Clin Sci Res*.
21. Patnayak R, Jena A, Rukmangadha N, Lakshmi AY, Chandra A. Well-differentiated fetal adenocarcinoma (WFA) of lung in an adult male – Report of an unusual tumour with brief review of literature.
22. Patnayak R, Jena A, Parthasarathy S, Vijayalakshmi Devi B, Lakshmi AY, Rukmangadha N, Chowhan AK, Bobbidi PV, Kumaraswamy Reddy M. Solid and Cystic Papillary neoplasm of pancreas: a clinico- pathological and immuno-histochemical study - A tertiary care centre experience. *South Asian J Cancer*.
23. Patnayak R, Jena A, Vijayalakshmi Devi B, Lakshmi AY, Prasad BCM, Chowhan AK, Rukmangadha N, Bobbidi PV, Reddy MK. Metastasis in central nervous system – clinicopathological study with review of literature in a tertiary care centre in South India. *South Asian J Cancer*.

Accepted for Publication

18.6 CME conducted

A CME in collaboration with department of Transfusion medicine and Haematology was conducted on 22nd September 2012.

18.7 Others

Dr B.V. Phaneendra

- MCI Assessor for UG Courses 2012.
- MCI Assessor for PG Courses 2012.

19.0 DEPARTMENT OF PHYSIOLOGY

Assistant Professor

Dr Arpana Bhide

Tutor

Mr. Munisekhar

19.1 Research work

Dissertation work

Dissertations submitted

1. Chaitanya kumara M. Comparison of VO_2 max in obese and non obese women (MSc Dissertation). Tirupati : Sri Venkateswara Institute of Medical Sciences; 2012.
2. Prashanth Kumar K. Comparison of pulmonary function tests in smokers and non-smokers (MSc Dissertation). Tirupati : Sri Venkateswara Institute of Medical Sciences; 2012.
3. Manas chakravarthy K. Comparison of energy expenditure during walking and running in healthy adult male individuals on treadmill and track (1mile) (MSc Dissertation). Tirupati : Sri Venkateswara Institute of Medical Sciences; 2012.
4. Pujitha K. Postural changes in heart rate and blood pressure with ageing (MSc Dissertation). Tirupati : Sri Venkateswara Institute of Medical Sciences; 2012.
5. Rasool Sd. Pulmonary function tests in traffic police men (MSc Dissertation). Tirupati : Sri Venkateswara Institute of Medical Sciences; 2012.
2. Haripriya M. Echo changes in patients with hypertension (MSc Dissertation).
3. Harika P. Pulmonary Function Tests in patients with Asthma before and after yoga (MSc Dissertation).
4. Rupesh S. Echo changes in type-2 Diabetes Mellitus correlation with serum lipid profile (MSc Dissertation).
5. Swathi M. Pulmonary Function Tests in patients with Myxedema (MSc Dissertation).

19.2 CME attended

The postgraduates attended CME on Sleep Physiology on 16/03/2012 at JSS University, Mysore.

19.3 Other Academic activities

Physiology classes were taken for the following courses:

1. M.Sc Medical courses (1st year)
2. Bachelor of Physiotherapy (1st year)
3. B.Sc Paramedical (1st year)
4. Diploma in Radiotherapy (1st year)
5. B.Sc Nursing (1st year)

Ongoing Dissertation works

1. Blessy V. Effect of breathing exercises on pulmonary function tests in normal individuals (MSc Dissertation).

20.0 DEPARTMENT OF RADIOLOGY & IMAGING SCIENCES

Additional Professor

Dr A.Y. Lakshmi

Associate Professors

Dr B. Vijayalakshmi Devi

Dr S. Sarala

Assistant Professors

Dr P. Lakshmi

Dr P. Nagapraveen

PG Residents

III Year

Dr RV. Prasanna Vadana
Dr K. Swamy
Dr Pavamkumar G. Kale

II Year

Dr T. Sreeshma
Dr Suresha Nayak

I year

Dr Ch. Anil

20.1 Research work

Thesis work

Ongoing Thesis work

1. Prasanna Vadana RV. MRI Evaluation of Spinal canal tumors and correlation with Histopathology, (DNB Thesis).
2. Swamy K. MRI evaluation of cervical spinal trauma : correlation with clinical grading, (DNB Thesis).
3. Suresha Nayak. CT evaluation of blunt injury abdomen (DNB Thesis).
4. Sreeshma T. Efficacy of serum PSA, Digital examination & transrectal ultrasound guided biopsy in detecting carcinoma prostate (DNB Thesis).
5. Anil Ch. Sonourethrography in evaluation of anterior urethral abnormalities and comparison with retrograde urethrogram (DNB Thesis).

20.2 Research Projects

In association with Dept. of Medicine

1. Efficacy of oral Zinc administration as an adjunct therapy in category 1 pulmonary tuberculosis along with assessment of immunological parameters (Double- blind, randomized, placebo - controlled, multicenter clinical trial).

2. Evaluation and efficacy of thrice weekly "DOTS" regimen in the TB-pleural effusion for six months.

Ongoing Research Projects

1. In collaboration with Department of Medicine on "Evaluation and efficacy of thrice weekly DOTS regimen in the TB-pleural effusion for six months".

20.3 Conferences, CME attended

Faculty

1. Dr A.Y.Lakshmi attended Zonal CME at S.V.Veterinary University, Tirupati and delivered a guest lecture on, "Imaging in Cancer" on 21st May 2012.
2. Dr B.Vijayalakshmi Devi, attended Zonal C.M.E Radiology at Kurnool Medical College, Kurnool and delivered a guest lecture on "Interpretation of film screen mammography and interesting case discussion".

Post graduates

1. Dr T. Sreeshma won *first prize* for MR fistulography- Scientific poster presentation at 52nd Annual state conference of Indian Radiological & Imaging Association (IRIA), during 13-14 October 2012 at KREST, Hyderabad.

2. Dr R.V. Prasanna Vadana and Dr Pavan Kumar G.Kale won *first prize* in quiz competition conducted at annual CME of IRIA 2012, held at Vijayawada.

20.4 Publications

Published

1. Reddy S, Yadla M, Sriramnaveen, Krishna Kishore, Sridhar AV, Phanindra B, Patnayak R, Rukmangadha N, Vijayalakshmi Devi B, Lakshmi AY, Sivakumar V. Metastatic Calcinosi Cutis in Patients of End Stage Renal Disease. Hemodial Int. 2012;16: 447-53.
2. Yadla M, Sriram Naveen P, Sivakumar V, Sandeep Reddy Y, Sridhar AV, Krishna Kishore C, Vijayalakshmi Devi B, Lakshmi AY, Rukmangadha N. Epitrochlear mass in a patient on maintenance hemodialysis - Kimura disease. Hemodial Int. 2012; 16:568-70.
3. Abirami K, Sivaramakrishna G, Lakshmi AY, Sivakumar V. Urinary ascites. Indian J Nephrol 2012; 22:143-4.
4. Krishna GS, Vijayalakshmi Devi B, Lakshmi AY, Mutheswaraiyah B, Sivakumar V. Perinephric abscess with extension into Mediastinum and epidural space. Indian J Nephrol 2012; 22: 224-5.
5. Krishna Kishore C, Sriramnaveen P, Varalakshmi B, Lakshmi AY, Vijayalakshmi Devi B, Sivakumar V. Stenoclavicular joint Arthritis with Acute Kidney Injury: Ren Fail 2013; 35.
6. Kannan T, Sivaram Naik G, Sridhar Babu KV, Vijayalakshmi B. Metastatic brachial plexopathy in breast cancer. J Clin Sci Res 2012;1:196-8.
7. Hari Krishna J, Siva Ram Nayak G, Aparna Reddy S, Prabhath Kumar D, Siddhartha Kumar R, Vijayalakshmi Devi B, Rukmangadha N, Mohan A. Disseminated tuberculosis in a patient with SLE- A case report. J Clin Sci Res 2012;1:199-203.

8. Chowhan AK, Rukmangadha N, Manilal B, Vijayalakshmi Devi B, Kumaraswamy Reddy M. Myxoid chondrosarcoma of sphenoid bone. J Neurosci Rural Pract 2012; 3:395.
9. Rashmi Patnayak, Amitabh Jena, Vijayalakshmi B. Better cytological evaluation of thyroid lesion is possible with imageological findings. Thyroid Res Pract 2012; 9:107.
10. Raja Gopal G, Amaresh Reddy P, Satish P, Suresh V, Harinarayan CV. Varied presentation of hyperinsulinaemic hypoglycaemia. J Clin Sci Res 2012;1: 43-5.

Accepted for publications

11. Patnayak R, Jena A, Rukmangadha N, Lakshmi AY, Chandra A. Well-differentiated fetal adenocarcinoma (WDA) of lung in an adult male – Report of an unusual tumour with brief review of literature.
12. Patnayak R, Jena A, Parthasarathy S, Vijayalakshmi Devi B, Lakshmi AY, Rukmangadha N, Chowhan AK, Bobbidi PV, Kumaraswamy Reddy M. Solid and Cystic Papillary neoplasm of pancreas: a clinicopathological and immuno-histochemical study – A tertiary care centre experience. South Asian J Cancer.
13. Patnayak R, Jena A, Vijayalakshmi Devi B, Lakshmi AY, Prasad BCM, Chowhan AK, Rukmangadha N, Bobbidi PV, Reddy MK. Metastasis in central nervous system – clinicopathological study with review of literature in a tertiary care centre in South India. South Asian J Cancer.

20.5 CMEs conducted

The C.M.E programme in association with Nuclear Medicine was conducted on 11th February, 2012 on the topics of Cardiac CT, Abdominal MRI applications and Opportunistic lung infection

20.6 Guest lecture arranged

Dr Ashokan, Consultant Radiologist, Christ Hospital, Illinois, U.S.A delivered guest lecture on 18th January 2012 on the topic “Gynecological & obstetric ultrasound, ectopic pregnancy”.

21.0 DEPARTMENT OF RADIOTHERAPY

Professor & Head

Dr C.M. Gopalakesari

Associate Professor

Dr B.V. Subramanian

Assistant Professor

Dr Pranabandhu Das

Senior Resident

Dr Swapna Jilla

PG Residents (1 year)

Dr K.L.V. Anusha

Dr B. Sreenivasa Rao

21.1 Conferences attended

Dr Pranabandhu Das, attended the following

1. Association of Radiation Oncologists of India (AROICON) 2012 held at Kolkata during 29th November to 2nd December 2012.
2. ICRO Workshop on Target volume delineation held at Kolkata on 29th November 2012.

21.2 CMEs attended by the post graduates

Dr KVL Anusha and Dr B.Sreenivasa Rao, attended

1. CME in recent advances in Gynaecological Oncology at SVIMS, Tirupati held on 1st December 2012

21.3 Publications

1. Pranabandhu Das. A case of Primary Vaginal PNET: Diagnostic and treatment challenges. Conference abstract. JCRT 2012; 8:147

Sent for publication

1. Gopala kesari CM, Sreenivasa Rao, Anusha KVL. Nasopharyngeal neuroblastoma. J Clin Sci Res (under review).

22.0 DEPARTMENT OF SURGICAL GASTROENTEROLOGY

Professor & Head

Dr P.Sriram

Assistant Professors

Dr V. Venkatarami Reddy

Dr G. Siva Rama Krishna

PG Residents

II Year

Dr K. Radha Krishna

I Year

Dr M. Brahmeswara Rao

22.1 Research work

Dissertation work

Dissertation submitted

1. Venkatesham B. Prospective analysis of stricture rate following esophagogastric anastomosis (MCh Dissertation). Tirupati : Sri Venkateswara Institute of Medical Sciences; 2012.
2. Rajeev Reddy N. Comparison between laparoscopic anterior and posterior fundoplication (MCh Dissertation). Tirupati : Sri Venkateswara Institute of Medical Sciences; 2012.

Thesis work done in collaboration with other Department

Venkatarami Reddy V, is *Co-guide* for

Suresha Nayak. CT evaluation in blunt injury abdomen.

22.2 Conferences attended, lectures delivered

Dr Sriram, attended the following

1. Regional CME conducted by Indian Association of Surgical Gastroenterology on operative procedures in gastrointestinal surgery, held at Kurnool on 19th February 2012, and presented a video demo on "Low anterior resection for rectal cancer" lecture on "How I do it-Low anterior resection for rectal cancer".
2. 22nd National conference of Indian Association of Surgical Gastroenterology

held at Bangalore during 10-14 October 2012.

Dr V. Venkatarami Reddy, attended the following

1. Lecture on "Surgical strategies in Chronic Pancreatitis" at a CME held at Tirupati on 31st July 2012.
2. 22nd National conference of Indian Association of Surgical Gastroenterology held at Bangalore during 10-14 October 2012.
3. Master classes in Liver diseases series 2 on Hepatopancreatobiliary oncology held at Chennai during 7-8 December 2012.

22.3 Presentation by the post graduates

Dr K. Radha Krishna, attended the following

1. Delivered health tips on FM Radio on the occasion of world digestive health day on 29th May 2012.
2. "Gastrointestinal stromal tumors (GISTs) versus Extragastric stromal tumors (EGISTs): Do they differ?" at Indian Association of Surgical Gastroenterology conference held at Bangalore during 10-14 October 2012.
3. "Gastric cancer following gastrojejunostomy for peptic ulcer disease: A report of 2 cases" at Indian Association of Surgical Gastroenterology conference held at Bangalore during 10-14 October 2012.

4. "Anastomotic complications after cervical esophagogastric anastomosis: Our experience" at Indian Association of Surgical Gastroenterology conference held at Bangalore during 10-14 October 2012.
5. "Surgical emergencies in HIV infected patients and correlation of CD4 counts to postoperative outcomes" at annual conference of Association of Surgeons of India, held at Kochi during 25-30 December 2011.
2. Radha Krishna K, Chakrapani U, Ramesh Babu M, Ramesh Babu Reddy, Venkatarami Reddy, Sriram P. Gastric cancer following gastrojejunostomy for peptic ulcer disease: A report of 2 cases. *Trop Gastroenterol* 2012; 33: 3.
3. Radhakrishna K, Rageev Reddy N, Venkatarami Reddy V, Sriram P. Gastrointestinal stromal tumors (GISTs) versus Extragastrointestinal stromal tumors (EGISTs): Do they differ? *Trop Gastroenterol* 2012;33:3.

22.4 Publications

1. Radha Krishna K, Venkatesham B, Venkatarami Reddy V, Sriram P. Anastomotic complications after cervical esophagogastric anastomosis. *Abstract Trop Gastroenterol* 2012; 33:3.

23.0 DEPARTMENT OF SURGICAL ONCOLOGY

Professor & Head

Dr Rajasundaram

Associate Professors

Dr H. Narendra

Dr Amitabh Jena

Assistant Professor

Dr B. Manilal

PG Residents

II year

Dr N. Raghu Vamsi

Dr A. Ramesh

I Year

Dr C. Jaya Prakash

Dr G. Venkata Sivanatha Reddy

23.1 Fellowships and orations

1. Narendra H, Associate Professor was awarded *Baroda –GCRI- IASO travelling minimally invasive fellowship*, 2012 by Indian Association of Surgical Oncology.

23.2 Research work

Thesis work

Ongoing Theses work

1. Alamuri Ramesh. "Laparoscopic vs. open radical hysterectomy in case of carcinoma cervix patients".
2. Nadiminti Raghu Vamsi. "Study on the role of diagnostic laparoscopy and peritoneal cytology in operable gastric cancer in Indian scenario".

23.3 Conferences attended, lectures delivered

Faculty

Dr Narendra, attended the following

1. National Conference of Indian association of Surgical Oncology held at Goa during 4-7 October, 2012 and delivered lecture on Timing of surgery in locally advanced breast cancer and also chaired a session.
2. ONCORECON at Tata Memorial Hospital, Mumbai during 3-7 December 2012.

Dr Amitabh Jena, attended the following

1. Conference and workshop on Rectal cancer update at Cancer Institute, Chennai during 3-5 February 2012.
2. ASICON, 2012 held at Kolkata during 25-30 December 2012.

Dr Manilal, delivered a talk on

1. Cancer Awareness Programme during World Cancer day observed on 4th February 2012.
2. Breast and Cervix Malignancy on All India Radio (AIR), Kadapa on 28th March 2012.

Postgraduates

Dr Raghu Vamsi, attended the following

1. The 2nd International Conference and Live workshop on Robotic Surgery and Advanced Laparoscopy at Pune during 27-29 April 2012.
2. Conference on IASO – NATCON held at Goa, during 4-7 October, 2012 and presented posters on, "Innovative Surgical Technique in a rare case of soft tissue sarcoma of hand" and "Unusual cause of Trigeminal Neuralgia".

Dr A. Ramesh, attended the following

1. Conference and workshop on Rectal cancer update at Cancer Institute, Chennai during 3-5 February 2012.

2. Conference on IASO – NATCON held at Goa, during 4-7 October, 2012 and presented a poster on “GIST as an intra abdominal abscess”.

23.4 Publications

1. Narendra H, Bhide A, Reddy S. Image Challenge of the month. J. Clin Sci Res 2012; 1 : 204-5.
2. Jena A, Bharathi T, Siva Kumar Reddy YK, Manilal B, Patnayak R, Phaneendra BV.

Papanicolaou (Pap) test screening of staff members of a tertiary care teaching hospital in South India. J Clin Sci Res 2012; 4 : 174-7.

23.5 CMEs conducted

On Modern Perspective in Gynecological Oncology on 1st December 2012.

24.0 DEPARTMENT OF UROLOGY

Professor & Head

Dr S. Subramanian

Associate Professor

Dr D.V.S. Rambabu

Assistant Professors

Dr N. Anil Kumar

Dr B. Sathyanarayana

III Year

Dr C. Nooki Naidu

Dr E. Bhavatej

II Year

Dr A. Ramprasad Reddy

Dr Y.L. Sreeranga

Dr A. Ganesh

Dr C. Surya Prakash Reddy

I Year

Dr T. Syama Sundara

Dr G. Bhavani Sankar

Dr P. Satish Babu

Dr P. Vasanth Rao

24.1 Awards

1. Dr E. Bhavatej received Pinnamaneni poly clinic *Best Paper Prize* at APSOGUS, 2012 at Narayana Medical College, Nellore during 10-11 November 2012 for paper presented on "Outcomes of alternate vascular access in Chronic hemodialysis".
2. Dr Ch. Nooki Naidu, Dr Sreeranga received *first prize* in the post graduate Quiz competition of APSOGUS 2012 at Narayana Medical College, Nellore during 10-11 November 2012.

24.2 Research work

Thesis work

Thesis submitted

1. Raghuveer P. Study of factors predicting success of Retrograde ureteric stenting (MCh Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.
2. Preetam P. Study of treatment options in stricture urethra management and success rate in different types and sites of stricture (MCh Thesis). Tirupati: Sri Venkateswara Institute of Medical Sciences; 2012.

Ongoing Thesis work

1. Bhavatej E. A Prospective observational

Study on effect of topimarate usage on lithogenic risk (MCh Thesis).

2. Nooki Naidu Ch. Study on efficacy of selective alpha 1 adrenoceptor antagonist in combination with selective alpha 1 D - A R antagonist versus with anti cholinergics in management of LUTS associated with benign enlargement of prostate (MCh Thesis).
3. Ganesh A. "Comparision of prevalence and pathological characteristics of prostate cancer between patients with PSA levels of 2.6 to 4 ng/ml and those with PSA greater than 4ng/ml with benign prostatic examination" (MCh Thesis).
4. Ramprasad Reddy A." A prospective study on assessment of post EPN kidney function by radio nuclear scan after initial conservative management" (MCh Thesis).
5. Sri Ranga YL."Assessment of changes in contralateral renal parenchymal volume after unilateral nephrectomy" (MCh Thesis).
6. Suryaprakash Reddy C. "A prospective observational study on effectiveness of prognostic factors influencing disease free survival in renal cell carcinoma" (MCh Thesis).

Thesis work done in collaboration with other departments

Dr B. Sathyanarayana, was *Co-guide* for the following thesis

1. Pavankumar G. Kale Hemodialysis arteriovenous fistula maturity: Ultra-sound evaluation.
2. Anil CH. Sonourethrography in evaluation of anterior urethral abnormalities and in comparison with retrograde urethrogram.

Dr N. Anil Kumar, was *Co-guide* for two thesis projects from Department of Radiology

1. Sreeshma T. Efficacy of prostate specific antigen (PSA) Digital rectal examination (DRE) and transrectal ultrasound guided biopsy in detecting carcinoma prostate.
2. Suresha Nayak C. Computed tomography in the evaluation of blunt injury abdomen.

24.3 Conferences/Workshops attended

Dr D.V.S. Rambabu, attended the following

1. USICON 2012 at Bangalore during 5-8 January, 2012.
2. Annual conference on Pediatric urology during 30th March to 1st April 2012 at Agra.
3. PERCON 2012 5th International PCNL workshop at New Delhi during 14-15 April 2012.
4. Andrology training workshop at JPAC, MPUH, Nadiad, Gujarat during 26-28 April 2012.

Dr B. Sathyanarayana, attended the following

1. Annual conference on Pediatric urology at Agra during 30th March to 1st April 2012
2. PERCON 2012 5th International PCNL workshop at New Delhi during 14-15 April 2012.
3. Urethroplasty workshop at Pune in August 2012.

4. Preconference workshop at Andhra Pradesh society of Genito-Urinary surgeons (APSOGUS-2012) held at Nellore during 9-11 November 2012.

Dr N. Anil Kumar, attended the following

1. USICON 2012 at Bangalore during 5-8 January 2012.
2. Andrology training workshop at JPAC, MPUH, Nadiad, Gujarat during 26-28 April 2012.
3. CME on Pediatric urology at Chennai on 13th July, 2012.
4. SZUSICON - 2012 at Hyderabad during 14-15 July 2012.
5. Urodynamics workshop held at Narayana Medical College, Nellore on 19th October 2012.
6. Preconference workshop at Andhra Pradesh Society of Genito-Urinary surgeons (APSOGUS-2012) held at Nellore during 9-11 November 2012 and presented posters on "Penile cancer with inguinal lymphadenopathy : The importance of clinical suspicion despite negative FNAC".
7. Live operative workshop at Hyderabad on Urethroplasty held on 25th November, 2012.

Dr P. Preetam, attended the following

1. USICON 2012 at Bangalore during 5-8 January 2012 and presented a poster on Emphysematous pyelonephritis.

Dr Nooki Naidu, attended the following

1. USICON 2012 at Bangalore during 5-8 January 2012 and presented a poster on "Outcomes of TURBT delay to radical cystectomy" and "Ovarian dermoid infiltrating urinary bladder".
2. Laparo-Robotic symposium at JPAC, MPUH, Nadiad, Gujarat during 8-10 March 2012.

3. Observership in MPH, Nadiad, Gujarat during 8-28 March 2012.
4. Annual conference on Pediatric urology at Agra during 30th March 2012- 1st April 2012.
5. Observership in SGPGI at Lucknow, Uttar Pradesh during 2-13 April 2012.
6. PERCON 2012 5th International PCNL workshop at New Delhi during 14-15 April 2012.
7. Andrology training workshop at JPAC, MPUH, Nadiad, Gujarat during 26-28 April, 2012.
8. CME on Pediatric urology at Chennai on 13th July, 2012.
9. SZUSICON - 2012 at Hyderabad during 14-15 July 2012
10. Urodynamics workshop at Narayana Medical College, Nellore held on 19th October 2012.
11. Preconference workshop at Andhra Pradesh Society of Genito-Urinary Surgeons (APSOGUS-2012) held at Nellore during 9-11 November 2012 and presented paper on "the outcomes following radical nephrectomy with elevated preoperative erythrocyte sedimentation rate in renal cell carcinoma" and poster on "Extra adrenal paraganglioma in young with varied presentations".
12. Live operative workshop on Urethroplasty at Hyderabad held on 25th November, 2012.
2. Laparo-Robotic symposium at JPAC, MPUH, Nadiad, Gujarat during 8-10 March 2012.
3. Observership in MPH, Nadiad, Gujarat during 8-28 March 2012.
4. Annual conference on Pediatric urology at Agra during 30th March to 1st April 2012.
5. Observership in SGPGI at Lucknow, Uttar Pradesh during 2-13 April 2012.
6. PERCON 2012 5th International PCNL workshop at New Delhi during 14-15 April 2012.
7. Andrology training workshop at JPAC, MPUH, Nadiad, Gujarat during 26-28 April 2012.
8. CME on Pediatric urology at Chennai on 13th July 2012.
9. SZUSICON - 2012 at Hyderabad during 14-15 July 2012.
10. Urodynamics workshop at Narayana Medical College, Nellore on 19th October 2012.
11. Preconference workshop at Andhra Pradesh Society of Genito-Urinary Surgeons (APSOGUS-2012) held at Nellore during 9-11 November 2012 and presented
 - Papers on "Retrospective analysis of complications of urethroplasty following reconstruction of anterior urethral strictures" and "Outcomes of alternate vascular access in chronic hemodialysis".
 - Video presentation on "Simple technique of double J stent placement following ureteroscopy in obstructed bifid ureter and laparoscopic nephroureterectomy - our initial experience"

Dr Bhavatej, attended the following

1. USICON 2012 at Bangalore during 5-8 January 2012 and presented a poster "Lt. Lower moiety PUJ obstruction in solitary kidney".

- Unmoderated posters on “Primary retroperitoneal hydatid cyst and purple urine bag syndrome”.

12. Urethroplasty live operative workshop at Hyderabad held on 25th November 2012.

Dr Ramprasad Reddy, attended the following

1. PERCON 2012 5th International PCNL workshop at New Delhi duration 14-15 April 2012.
2. Preconference workshop at Andhra Pradesh Society of Genito-Urinary surgeons (APSOGUS-2012) held at Nellore during 9-11 November 2012 and presented
 - Poster on “Post orchiectomy metabolic complications in patients with carcinoma prostate”
 - Un moderated poster on “A rare case of primary synovial sarcoma of the kidney”
3. Urethroplasty live operative workshop at Hyderabad held on 25th November 2012.

Dr Suryaprakash Reddy, attended the following

1. PERCON 2012 5th International PCNL workshop at New Delhi during 14-15 April 2012.
2. Preconference workshop at Andhra Pradesh Society of Genito-Urinary surgeons (APSOGUS-2012) held at Nellore during 9-11 November 2012.
3. Live operative workshop on Urethroplasty held on 25th November 2012.

Dr A. Ganesh, attended the following

1. CME on Pediatric urology at Chennai on 13th July 2012.
2. SZUSICON - 2012 at Hyderabad on 14-15 July 2012.
3. Preconference workshop at Andhra Pradesh Society of Genito-Urinary Surgeons (APSOGUS-2012) held at

Nellore during 9-11 November 2012 and presented paper on “Outcome of upperlimb vascular access for hemodialysis in patients with chronic kidney disease - institutional experience”.

Moderated posters

4. All that glitters in not gold ‘- fallacies of imaging in synchronous dual malignancies.
5. Live operative workshop on Urethroplasty held at Hyderabad on 25th November 2012.

Dr Sri Ranga, attended the following

1. CME on Pediatric urology at Chennai on 13th July 2012.
2. SZUSICON - 2012 at Hyderabad during 14-15 July 2012.
3. Preconference workshop at Andhra Pradesh society of Genito-Urinary surgeons (APSOGUS-2012) held at Nellore during 9-11 November 2012 and presented
 - Paper on “Renal parenchyma thickness
 - A quick assessment of renal function by computed tomography in unilateral obstructed renal units - SVIMS experience”
 - Poster on “Urachal adenocarcinoma case report”.
4. Live operative workshop on Urethroplasty held on 25th November, 2012 at Hyderabad

Dr Satish Babu, attended the following

1. Urodynamics workshop at Narayana Medical College, Nellore on 19th October 2012.
2. Preconference workshop at Andhra Pradesh Society of Genito-Urinary Surgeons (APSOGUS-2012) held at Nellore during 9-11 November 2012.

Dr Bhavani Sankar, attended the following

1. Urodynamics workshop at Narayana Medical College, Nellore on 19th October 2012.

Dr Syam Sundar, attended the following

1. Urodynamics workshop at Narayana Medical College, Nellore on 19th October 2012.

Dr Vasanth Rao, attended the following

1. Urodynamics workshop at Narayana Medical College, Nellore on 19th October 2012.

24.4 Presentation by postgraduate students

Papers

1. Nooki Naidu Ch. Outcomes after radical cystectomy in patient with preoperative hydronephrosis - Our experience at USICON, Bangalore during 5-8 January, 2012.
2. Bhavatej E. Dorsal onlay BMG urethroplasty - our institutional experience at SZUSICON, Hyderabad during 13-15 July 2012.

Posters

1. Nooki Naidu Ch. Complex renal cyst at SZUSICON, Hyderabad during 13-15 July 2012.
2. Ganesh A. Synchronous Dual malignancies successfully treated cases at SZUSICON, Hyderabad during 13-15 July 2012.

3. Bhavatej E. Congenital primary obstructive megaureter in solitary kidney - case report at SZUSICON, Hyderabad during 13-15 July 2012.

24.5 CME conducted

A CME was conducted jointly by Urology and Nephrology departments on 5th May 2012. Prof. S. Nitin Kekre, Department of Urology, CMC, Vellore delivered lecture on "PSA Conundrum".

Workshops organized

1. Laparoscopic workshop conducted on 22nd December 2012 by inviting Dr Mallikarjun Reddy, Kamineni Hospitals, Hyderabad.
2. State wide LIVE operative Workshop on Female Urology was conducted on 30th December 2012 by inviting Dr N. Rajamaheswari, Prof. of Urology (Retd.), Madras Medical College, Chennai.

Regular Academic activities in department.

Every Tuesday & Friday 7.30 am to 9.00 am - Seminar.

Every Thursday 8.30-9 am - Uroradiology

Discussion.

Every 3rd Thursday 4-00 pm to 5.00 pm - Uropathology

Every last Thursday 8.00 to 9.00 am - Uronuclear Medicine.

25.0 COLLEGE OF NURSING

Principal I/c

Dr P. Sudha Rani

Professors

Mrs. S. Swarna

Dr A. Padmaja

Associate Professors

Mrs.K. Varalakshmi

Dr M. Nagarathnam

Lecturers

Mrs.C. Ushakiran

Mrs. S. Hemalatha

Mrs.M. Sreelatha

Mrs. B. Kokilamma

Mrs.M. Bhagyalakshmi

Tutors

Mrs.V. Naganandini

Mrs. B.M. Madhavi

Mrs.P.Sreedevi Annapurna

Mrs. P. Christina Bharathi

Mrs. M. Lakshmi Devi

Mrs. Pragasa Mary

Mrs. K. Gowri Devi

Mrs. P. Sumalatha

25.1 Awards

1. **Dr A. Padmaja**, was awarded "*Dr Radha Krishna Gold Medal Award*" for outstanding individual achievement and distinguished service in Education (Nursing)", by Global Economic Progress and Research Association, held at Chennai on 15th December, 2012.

25.2 Achievements

Student achievements

1. The following secured prizes on HIV/AIDS awareness programme held at Chandragiri during 30th November to 2nd December 2012.

- a) Essay writing – "Getting to Zero" (HIV/AIDS)

1st prize - K. Padma 1 M.Sc (N)

2nd prize - Sandhyarani 1 M.Sc (N)

3rd prize - Ruth Grace 1 M.Sc (N)

- b) Drawing :- "Getting to Zero" (HIV/AIDS)

1st prize - Shakthi 1 B.Sc (N)

2nd prize - Sreenivas 1 M.Sc (N)

3rd prize - Mahathi 1 M.Sc (N)

2. Participated in HIV/AIDS awareness rally at Chandragiri on 30th November 2012.
3. Conducted Exhibition on HIV/AIDS during 1-2 December 2012.
4. The following students secured the Prizes for participating in essay writing and elocution competitions at Department of Human Rights and Social Development, S.V. University, Tirupati

Essay writing - "Human values in Higher Education"

a) 1st Prize - Yasmini 1 B.Sc (N)

b) 2nd prize - S. Yasmin 1 B.Sc (N)

Elocution - "Cyber Crimes & Human Rights"

1st Prize J. Muni Krishna, III Year B.Sc (N)

5. I & II Year M. Sc (N) students – participated in the 5th International conference on "Safe Infusion for safer health care" at Apollo College of Nursing, Chennai during 14-15 December 2012.

a) A. Leelavathi, "Principles and management of IV Infusion therapy.

b) K. Nagavenkat, "Air embolism".

c) D. Raj Kumar, "Professional practice concepts for infusion therapy".

25.3 Conferences attended

Dr P. Sudha Rani, attended the following

1. Resource person in State level conference on Research methodology at Rajhamundry during 26-27 March, 2012 and delivered a lecture on "Research Designs" and presented a paper on "Effectiveness of structured teaching programme on knowledge about cervical cancer among married women at selected slums, Tirupati, Chittoor (Dist.), A.P."

Dr M.Nagarathnam, attended the following

1. 2nd International Conference on "Mixed methods research" organized by International centre for collaborative Research held during 18-20 January 2012 at Chennai.
2. Presented paper on "Assessment of severity of seizure among epilepsy clients" on 18th January 2012 at 2nd International Conference organized by International Centre for Collaborative research Chennai.
3. Presented paper on "Assessment of Quality of Life among people with Epilepsy" at 13th Annual Conference of Indian Epilepsy association and Indian Epilepsy Society ECON 2012 held in Cochin during 25-26 February 2012.

25.4 Publications

1. Padmaja A. The effectiveness of treating worm infestation with medication and education. International Journal of Nursing Education 2012; 4: 9-13.
2. Nagarathnamma M, Padmaja A. A Study to assess the effectiveness of structured teaching programme on prevention of home accidents among mothers of toddlers at selected areas of Tirupati. JSWCR 2012; 5: 17-22.

3. Nirmala AS, Padmaja A. A Study to assess the effectiveness of planned health education of prevention of Road Traffic accidents among elementary school children at Tirupati. JSWCR, 2012; 5: 29-33.
4. Bhagyalakshmi M, Hemalatha S, Usha Rani. Assessment of the knowledge of the parents on behavioral problems of teenage boys, IJPRBS 2012; 1: 215-21.
5. Bhagyalakshmi M, Ramana BV, Hema Suresh, Jaya Mohan Raj. Assessment of the stress and coping strategies among patients with coronary artery disease. J Sci Soc, 2012; 39:134-8.
6. Ramana BV, Chaudhury A, Bhagyalakshmi M. Bacteriology of pleural fluid infections at a tertiary care hospital. IJPRBS 2012; 1 373-9:
7. Hemalatha S, Bhagyalakshmi M, Usharani A. Assessment of the knowledge of the parents on behavior problems of teenage boys. IJPRBS 2012; 1: 215-21.

Books published

1. Padmja A. "Wound Management for Nurses". Published by LAP Lambert Publications, Germany

25.5 CME'S/Workshops organised

1. A symposium on "Healing Touch" to all nurses and nursing students as part of CME Programme at Mahathi Auditorium, Tirupati on 13th October 2012.
2. The Dept. of Community Health Nursing Conducted mass health education program regarding "Dengue fever" at RHC, Chandragiri on 15th November 2012.
3. The department of Community Health Nursing conducted Health awareness programme on HIV/AIDS during 30th November 2012 – 2nd December 2012 in

Collaboration with the Department of SPM,
Sri Venkateswara Medical College,
Tirupati.

CME's attended

Dr A. Padmaja, attended the following

1. 18th National Seminar on “Individual achievement and National Development” by GEPR, Chennai held on 15th December, 2012.

25.6 Academic activities

1. **Dr A. Padmaja** was National Editorial board member (Allied Health Sciences) to Journal of SWCR, ISSN- 2229-3221. JSWCR is indexed with “Index

Copernicus”, “Open – J – Gate”, “EBSCO Host (USA)” & “Ubrich (USA)”, International Indexing and data base.

Dr M. Nagarathnam

2. Chairperson in 2nd International conference on “Mixed method research” organized at Chennai during 18-20 January 2012.
3. Appointed as Secretary for Indian Epilepsy association, Tirupati Branch.
4. Awarded Ph.D degree for the work on “Assessment of Quality of life in people with Epilepsy” carried out from dept of Neurology, SVIMS on 25th July 2012.

26.0 COLLEGE OF PHYSIOTHERAPY

Principal I/c

Dr K. Madhavi

Associate Professor

Dr A. Viswanath Reddy

Assistant Professors

Mr K. Senthil Kumar

Dr V. Srikumari

Mrs C. Shanthi

Tutors

Mr C. Govardhan

Ms N. Kavitha

Mr M. Suresh Kumar

Mr S. Raghava Krishna

26.1 Awards

Dr K. Madhavi awarded

1. "I.A.P.- Significant Achievement award - 2012" during "50th Annual Conference of the Indian Association of Physiotherapists" the Golden Jubilee conference held at New Delhi on 18th March, 2012.
2. "Eminent Educationist Award" by National and International compendium at New Delhi" on 24th November, 2012.

26.2 Conferences attended, lectures delivered, Papers presented

Dr K. Madhavi, attended the following

1. National level conference at Vaagadevi college of physiotherapy, Warangal held on 17th August 2012 and delivered a lecture on "Problem based approaches in cardio pulmonary dysfunction".

A. Viswanath Reddy, attended the following

1. National physiotherapy conference in VELS University, Chennai during 11-12 April 2012 and delivered a lecture on "Role of Isokinetics in sports rehabilitation".

Dr V. Srikumari, attended the following

1. Conference in India Habitat centre New Delhi, India during 17-19 March 2012 and delivered lecture on, "Global commitments towards inclusive development of persons with disabilities".

2. 50th IAP Conference at Delhi held on 18th March, 2012 and delivered lecture on "The effect of repetitive transcranial magnetic stimulation on cortico motor excitability and motor function of the hand in subjects with stroke" and received 1st prize.

A. Suvarna Devi, Clinical therapist, attended the following

1. 50th IAP Conference at Delhi held on 16th March, 2012 and delivered lecture on, "A comparative study on the efficacy of cryostretch versus hold relax on plantar flexors spasticity in the subjects with stroke"

26.3 Presentation by the postgraduate students

At 50th IAP Conference, Delhi during 16-18 March 2012.

Papers presented

1. P.V.S.R. Bharath Kumar on Effect of strengthening programmes on spasticity and strength of elbow flexors in subjects with stroke.
2. S. Shravani on Comparison of dominant and nondominant peak torque and mean total work at knee flexors and extensors in recreational athletes
3. T. Harsha on Effect of graded repetitive arm supplementary programme (GRASP) on arm function in subjects with stroke

Posters presented

4. P. Ramya Krishna on "Influence of breathing exercises on immunity levels and quality of life in individual with allergic rhinitis".
5. M. Jyostna on "Effectiveness of integrated Neuromuscular inhibitory techniques (INIT) on cervical range of motion, pain & functional impairments in subjects with mechanical knee pain".
6. T. Swetha on "Effectiveness of modified constraint induced movement therapy to improve spasticity and motor function in subjects with hemiplegia".
7. N.C. Aishwarya on "Efficacy of calcaneal taping versus plantar fascia taping on pain and calcaneal angle in subjects with plantar fasciitis".
8. P. Brahmani on "To study the influence of structured life style activities on physically inactive overweight women".
9. B.S.L. Vidhyadhari on "Influence of moderate intensity exercises in healthy young individuals".
10. K. Mounika on "Effect of muscle energy technique on pain and range of motion and functional impairment in individuals with acute low back pain".
11. N. Padmavathi on "Comparing the effect of prone and supine lumbar traction along with conventional physiotherapy on pain and flexibility in subject with chronic discogenic pain".
12. B. Chandana on "Efficacy of cyriax technique combined with exercise program versus exercise program above on pain and grip strength in subjects with lateral epicondylitis".

26.4 Seminars

Dr K.Madhavi, attended

1. U.G.C sponsored National Seminar held at Sri Padmavathi Mahila Viswa Vidyalyam,

Tirupati on 6th March 2012 and presented a paper on "Emerging trends in physical education, sports sciences and their role in improving the performance of sportsman".

2. Ms. Harini Post graduate presented a poster at S.V.University, Tirupati on 17th March 2012. in the National seminar on "Effective exercise training on post stroke depression in subject with hemiplegia.

26.5 Work Shop/CME organised

1. A CME on "overall view on fitness" on 7th January 2012 with Dr Jai Srikanth, Chennai and Dr K.Madhavi, SVIMS, Tirupati
2. "Evidence Based Practice on Stroke" with Dr Hari Om during 25-26 June 2012.

26.6 Guest lectures organised

1. Dr Sudhakar Reddy, Psychology Consultant, on 5th February 2012.
2. Dr Jamuna, Prof. of Psychology, S.V. University, Tirupati on 8th September 2012 on Geriatrics
3. Dr Arun Maiya Assoc.Dean, MAHE, Manipal on Research methodology on 22nd December 2012
4. Dr Bharathi, Professor of Gynaecology, S.V.Medical College on women's health.

26.7 Other academic activities

Dr K.Madhavi was felicitated by Junior Chamber International (JCI), Tirupati during International Womens Day on 8th March 2012.

Special days – Conducted

- 1 World physiotherapy day on 08/09/2012.
- 2 World Disability day 03/12/2012.
- 3 One week Meditation classes from 1st August, 2012.

VIII. Statutory Bodies

The following bodies will govern the institute:

1.0 The Governing Council

1. Sri N. Kiran Kumar Reddy, Chairman
Hon'ble Chief Minister of A.P.
2. Sri K. Murali Mohan, Hon'ble Minister for Medical Education, Aarogyasri, 108, 104 services 1st Vice-Chairman
3. Sri K. Bapi Raju, MP 2nd Vice-Chairman
Chairman, TTD Board of trustees
4. Sri K. Ratna Kishore, IAS Member
Principal Secretary to Govt., Health, Medical and Family Welfare, Govt. of AP
5. Dr PV. Ramesh, IAS Member
Principal Secretary to Govt., Finance Department (R&E) Govt. of AP
6. Sri LV. Subramanyam, IAS Member
Executive Officer, TTD
7. Dr B. Vengamma, Director, SVIMS Member
8. Dr Dharma Rakshak, Director, NIMS, Hyderabad Member
9. Nominee of University Grants Commission, New Delhi Member
10. The Director General of Health Services Govt. of India, Delhi or his nominee Member
11. The President, Board of Governors of MCI, New Delhi Member
12. Prof IV. Rao, Vice-Chancellor, Dr NTR University of Health Sciences, Vijayawada Member
13. Dr W. Rajendra, Vice-Chancellor, SV.University, Tirupati Member

- 14 Smt. Chitra Ramachandran, Member
IAS
Prl Sec. to Revenue(Endts.)
TTD Board of trustees
- 15 Smt P. Rajeswari Devi, Member
Member
TTD Board of trustees
- 16 Dr D. Rajasekhar, Member
Dean, SVIMS
- 17 Dr Chadalawada Sudha, Member
PIMS,
Vijayawada
- 18 Dr CS. Bhaskaran Member
Former Vice chancellor,
Dr NTRUniversity of Health Sciences,
Vijayawada
- 19 Dr P. Sathish Chandra Member
Director/ Vice -chancellor,
NIMHANS, Bangalore
- 20 Dr KR. Narasimha Setty, Member
Director,
Karnataka Institute of Diabatology (KID),
Bangalore
- 21 Dr P. Rajagopal, Secretary
Registrar, SVIMS

2.0 The Executive Board

- 1 Sri N. Kiran Kumar Reddy, Chairman
Hon'ble Chief Minister of A.P.
- 2 Sri K. Murali Mohan 1st Vice-Chairman
Hon'ble Minister for Medical Education
- 3 Sri K. Bapi Raju, MP 2nd Vice-Chairman
Chairman, TTD Board of trustees
- 4 Sri K. Ratna Kishore, IAS Member
Principal Secretary to Govt., Health, Medical and Family Welfare, Govt. of AP
- 5 Dr PV. Ramesh, IAS Member
Principal Secretary to Govt., Finance Department (R&E) Govt. of AP
- 6 Sri LV. Subrahmanyam, Member
IAS., Executive Officer, TTD

- | | | |
|----|---|--------|
| 7 | Sri GV. Sreenatha Reddy,
Member
TTD Board of trustees | Member |
| 8 | Dr B. Vengamma,
Director, SVIMS | Member |
| 9 | Dr Dharma Rakshak,
Director, NIMS, Hyderabad | Member |
| 10 | Dr D. Rajasekhar,
Dean, SVIMS | Member |

The Executive Board meeting for the year 2012 was held on 21.08.2012.

3.0 The Finance Committee

- | | | |
|----|---|-----------|
| 1. | Dr B. Vengamma,
Director, SVIMS | Chairman |
| 2. | Sri K. Ratna Kishore, IAS
Prl Sec. to Govt., HM &
FW, Govt. of AP | Member |
| 3. | Dr PV. Ramesh, IAS
Prl Sec. to Govt., Finance,
Govt. of AP | Member |
| 4. | Sri LV. Subramanyam, IAS
Executive Officer, TTD | Member |
| 5. | Dr P. Rajagopal
Registrar, SVIMS | Secretary |

The Finance Committee meetings for the year 2012 were held on 19.01.2012, 10.04.2012 & 21.08.2012

4.0 The Academic Senate

- | | | |
|----|---|--------------------|
| 1. | Dr B. Vengamma,
Director, SVIMS | Chairman |
| 2. | Dr D. Rajasekhar,
Dean, SVIMS | Member-Secretary |
| 3. | Director of Medical
Education, Govt. of
A.P., Hyderabad | Member |
| 4. | Prof IV. Rao,
Vice-Chancellor,
Dr NTR University of
Health Sciences,
Vijayawada | External
Member |
| 5. | The Principal,
SV Medical College,
Tirupati | External
Member |
| 6. | All the heads of the
departments, SVIMS,
Tirupati | Members |

The Academic Senate meetings for the year 2012 was held on 03.04.2012,

IX. Administrative set-up

1.0 Heads of the Departments

S. No	Name of the department	Name of the HOD
01	Anatomy	Dr K. Madhavi i/c
02	Anaesthesiology	Dr M. Hanumantha Rao
03	Biochemistry	Dr PVLN. Srinivasa Rao
04	Biotechnology	Dr PVGK. Sarma
05	Bioinformatics	Dr A. Umamaheswari
06	Cardiology	Dr D. Rajasekhar
07	Cardiothoracic Surgery	Dr Abha Chandra
08	Endocrinology	Dr Alok Sachan
09	Emergency Department	Dr P. Sivasankar
10	General surgery	Dr Y. Mutheeswaraiah
11	Immuno haematology & blood transfusion	Dr S. Jothi Bai
12	Medicine	Dr Alladi Mohan
13	Microbiology	Dr Abhijit Chaudhury
14	Medical oncology	Dr K. Manickavasagam
15	Neurology	Dr B. Vengamma
16	Nephrology	Dr V. Siva Kumar
17	Neurosurgery	Dr BCM. Prasad
18	Nuclear medicine	Dr TC. Kalawat
19	Pathology	Dr BV. Phaneendra
20	Physiology	Dr Arpana Bhide
21	Radiology & imaging sciences	Dr AY. Lakshmi
22	Radiotherapy	Dr CM. Gopal Kesari
23	Surgical gastroenterology	Dr P. Sriram
24	Surgical oncology	Dr S. Rajasundaram
25	Urology	Dr S. Subramanian

2.0 General administration

S. No	Name of the department	Name of the HOD
1	Executive Assistant to Director	Sri B. Ananda Reddy
2	Personnel manager	Sri JR. Chengal Rao
3	Accounts officer	Sri PM. Nagaraja

3.0 University Administration

1	Director	Dr B. Vengamma
2	Dean	Dr D. Rajasekhar
3	Registrar	Dr P. Rajagopal
4	Controller of Examinations	Dr V. Suresh
5	Deputy Registrar	Dr M. Yerrama Reddy
6	Assistant Director (Exam Cell)	Sri L. Sateesh
7	Principal i/c, College of Nursing	Dr P. Sudha Rani
8	Principal i/c, College of Physiotherapy	Dr K. Madhavi
9	Librarian	Dr B. Vijayakumar

4.0 Hospital Administration

1	Director	Dr B. Vengamma
2	Medical Superintendent	Dr V. Satyanarayana
3	Resident Medical Officer-I	Dr B. Govindanarayana
4	Resident Medical Officer-II	Dr KV. Koti Reddy
5	General Manager (O)	Sri B. Mohan Murali
6	Assistant director (purchase)	Sri DV. Dilip Kumar

7	Assistant Director (Public Relations)	Dr Y. Venka tarama Reddy
8	Assistant Director (Credit Cell)	Dr N. Adikrishnaiah
9	Assistant Director (Accounts)	Smt M. Prasanna lakshmi
10	Assistant Director (Stores)	Sri G. Suresh Kumar
11	Assistant Director (Billing)	Sri M. Sreeramulu
12	Assistant Director (Audit)	Smt V. Sasikala
13	Assistant Director (PIO)	Sri D. Ananda Babu
14	Medical Records Officer	Sri K. Vivekanand

5.0 Technical administration

S. No.	Name of the Department	Name of the HOD
01	Engineering	Sri P.Parandham, Executive Engineer, TTD
02	Biomedical engineering	Sri E.Doraiswamy, Sr. BME
03	Medical communications	Sri V.Sudarshan, MCPO

Sri Venkateswara institute of medical sciences

A University Established by Andhra Pradesh State Legislature

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