

### As Approved by the Board of Management of The University

# ANNUAL REPORT

Sri Devaraj Urs Academy of Higher Education and Research For the Period 01-04-2015 to 31-03-2016



Published by:

# Sri Devaraj Urs Academy of Higher Education and Research A-DEEMED-TO-BE-UNIVERSITY

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# SDUAHER

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Tamaka, Kolar-563 101.

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### **EXECUTIVE SUMMARY**

Sri Devaraj Urs Academy of Higher Education and Research, Tamaka, Kolar established in the year 2007,has since then continued to strive to be known as an institution with a distinct identity and a mandate to deliver quality medical education. It has taken enormous strides in enhancing the quality of curriculum design and development, evaluation, research, infrastructural facilities as well as patient care services.

The cumulative enrolment of students in the faculties of Medicine and Allied Health Sciences for the current academic year is over 1300 and the faculty strength conforms to the Medical Council of India Regulations as well as University Grants Commission. The university ensures that the faculty strength is kept 20% in excess of the minimum requirements to meet the performance demands in all facets of its activities.

The curricula for various programs offered by the University are in accordance with the National goals aimed to provide professional competence predominantly in the area of health care and allied health care services. The University had declared the year 2015 as the year for Academic Reforms and accordingly planned and implemented several reforms. One of the salient reforms is the efforts by the university to work towards the introduction of Choice Based Credit System for the courses offered under Faculty of Allied Health Sciences.

The university has initiated for setting up an exclusive Central Research facility with emphasis on Cytogenetics and Molecular Genetics and Central Diagnostic facility comprising Pathology, Microbiology and Biochemistry laboratories. The building will also accommodate the Department of Physiotherapy as the university is planning to offer courses in Physiotherapy from the academic year 2016-17 onwards. The expected cost for the project is over 900 lakhs excluding equipment.

The teaching hospital of the medical college has a bed strength of 1050 and has a state-of-art ICU, SICU, PICU, NICU, emergency services and Dialysis facilities. The outpatient and inpatient facilities of the hospital are designed to cater to the teaching requirement of the medical college. In addition, the university has established Centre Clinical Skills and Simulation Laboratory for experiential learning and hands-on-training of the students. The hospital has the state of art diagnostic facility in the central laboratory comprising of Biochemistry, Pathology and Microbiology as well as imaging facilities in the department of Radiology. The operation theatres are well equipped with modern gadgets and are fitted with air handling units.

The Central Library and Information Centre, has an area of 3654 sq.mtrs. Spread over two floors with provisions for stack room, journal section, digital library and reading section (fully/centrally air conditioned with 700 seating capacity), reference section and The library is automated with Easy lounge. Lib 4.4.1 versions software for operations and management. It has online public access catalogue software for searching books and journals. The second floor of the library building accommodates a sophisticated acoustically built centrally air conditioned auditorium (1050 seating capacity). It also has a seminar room with smart class room facilities where the postgraduate students conduct seminars, journal clubs and small group discussions with peers. In addition, there is an another auditorium of 400 seating capacity in the university administrative block.

The Hostels have been provided with 24x7 security and CCTV surveillance to ensure adequate security for all the inmates. The Information Communication Technology department has ambitious upgrade strategies which include establishment of data center, a



central facility for hosting all the IT equipment, campus wide network expansion through NMEICT project strengthening 24x7 Wi-Fi facility and provisions for telemedicine. The university conducted a Green audit and the report is satisfying and the recommendations of the auditors are under consideration of the university for further implementation.

The university, in order to achieve time bound progress and development has developed a well-structured Perspective Developmental Plan- 'Vision 2020' document reflecting the Short Term Goals (2007-2010), Intermediate Goals (2007-2015) and the Long Term Goals (2007-2020). The University has already achieved all of the Short Term Goals and is on an upbeat to achieve the Intermediate Goals. The university has already initiated the Long Term Goals to be accomplished by the year 2020.

The governance and leadership of the university is exemplary and it aims to be a global center of excellence particularly in the area of Medical and Allied Health Science education and research. The student training and support activities are well appreciated by the students and their parents. The financial management of the institution has been encouraging and the prudent utilization of funds has resulted in the overall growth and development of the institution.

The sixth convocation was held on 30th March 2016. Padmabhushana Dr.Devi Prasad Shetty, Founder and Chairman, Narayana Health, Bangalore was the Chief Guest

and he delivered the convocation address. Dr.S.Kumar, Hon'ble Chancellor, SDUAHER presided over the convocation, Dr.Premanath F. Kotur, Vice Chancellor, SDUAHER presented the university report and Hon'ble President, Sri.R.L.Jalappa, Founder Chairman and Former Chancellor, Sri Devaraj Urs Eductional Trust for Backward Classes graced the occasion.

The university conferred "Doctor of Medicine" (MD) 'Honoris Causa' upon Dr. Patnam Krishnaswamy, Adjunct Professor, Genomics and Cell Biology, Sri Devaraj Urs Academy of Higher Education and Research.

Seven Gold Medals were awarded to the toppers in various subjects of Post Graduate and Diploma Courses and also the topper in the MBBS programme. A total of 206 students qualified for the award of Degrees in their respective subjects which include 57 in Postgraduate Courses, 124 in undergraduate programmes, 17 in Postgraduate Diploma courses, 8 in Allied Health Sciences (M.Phil - 2, PG Diploma course in Genomic Technology - 2, B.Sc. MLT and OTT -4).

All these achievements and accomplishments could not have been possible without the continuous, constructive and unstinted support from our beloved President and Chairman of the sponsoring Trust, Shri.R.L.Jalappa, Hon.Secretary of the Trust Sri.G.H.Nagaraja, all other esteemed members of the Board of Management, staff, students and well-wishers of the university.

Registrar (For and on behalf of SDUAHER, Kolar)





### SRI DEVARAJ URS EDUCATIONAL TRUST FOR BACKWARD CLASSES

Tamaka, Kolar, Karnataka

# Sponsoring Trust



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**Shri. J.P. Narayana Swamy** Vice-Chairman, SDUET



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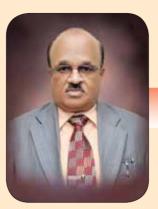
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**Dr.D.V.L.N. Prasad**Controller of Examinations



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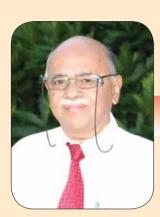
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# OTHER OFFICERS OF THE UNIVERSITY





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**Dr.S.R. Prasad**Director, PG Studies, SDUAHER



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**Dr. Ananta Bhattacharayya**NSS Programme Coordinator,
SDUAHER



**Dr. Sudha Reddy V R** Chairman, Women Empowerment Cell, SDUAHER



### **G**ENESIS

In 1984 a group of dedicated and like-minded visionaries headed by Shri.R.L.Jalappa, Champion of Co-operative movement in the state of Karnataka established Sri Devaraj Urs Educational Trust for Backward Classes to focus on Medical Education and Social Service.

The trust started Sri Devaraj Urs Medical College, Tamaka, Kolar in the year 1986. Through this college, the trust sought to make a significant contribution to Medical Education, Research and Health Care to Rural population. The College is situated in Tamaka village (abutting National Highway No.4), 5 K.M. from Kolar Town, Karnataka. Kolar is well connected by road, rail and air due its proximity to Bengaluru, which is 75 K.M away. The nearest Railway Junction, Bangarpet is 15 K.M away from Kolar.

The trust in its stride for attainment of quality in education and health care services to its stake holders has obtained Accreditation by National Assessment and Accreditation Council (NAAC, India) and certification by ISO 9001-2000 in the year 2006 for its Medical College. Sri Devaraj Urs Medical College is one of the few colleges in India to have achieved this remarkable feat.

This inspired the Trust to apply for Deemed University status for this college in the name and style of Sri Devaraj Urs University of Higher Education and Research, comprising Sri Devaraj Urs Medical College. The University Grants Commission of India conducted an inspection in April 2007 and after being satisfied about the infrastructure and teaching facilities, recommended to the Ministry of Human Resource Development, Govt. of India to confer Deemed to be University status to this Medical College. Accordingly, the Ministry of Human Resource Development, Govt. of India conferred Deemed to be University status to the Medical College on 25th May 2007.

Currently, the Deemed University has only the medical college. Steps are in progress for inclusion of R.L.Jalappa Institute of Technology, Kodigehally, Doddaballapura (off campus) and Sri Devaraj Urs College of Nursing, Kolar (on campus) under the ambit of the Deemed to be University.

# SDUAHER

### ABOUT THE UNIVERSITY

Sri Devaraj Urs University of Higher Education and Research under the aegis of Sri Devaraj Urs Educational Trust for Backward Classes, Kolar, is a Deemed to be University declared Under section 3 of UGC Act, 1956, vide Ministry of Human Resourse and Development, Government of India, notification No.F.9-36/2006-U3(A) Dated 25th May 2007.

Currently, the University has Sri Devaraj Urs Medical College, Tamaka, Kolar as the constituent institution. The establishment of the University and the constituent institution are co-located at Tamaka village, Kolar and spread over more than 85 acres of lush green campus. It is 75km away from Bengaluru City as well as the International Airport and is juxtaposed to the NH-75. The campus has several buildings to accommodate the administrative, teaching/training hospital and hostel facilities of the University as well as the Medical College with a total build up area of over 1.17 lakh samtrs. The college conducts Under Graduate (MBBS) and various Post Graduate Degree as well as Diploma courses. It has also started Doctoral Programmes in Biochemistry, Microbiology, Pathology and Fellowship Programmes in Head and Neck Surgical Oncology. The University has developed regulations, curricula/syllabi MBBS, Postgraduate M.D/M.S Postgraduate Diploma Courses as per the policy guidelince laid down by the Medical Council of India, New Delhi. The college is also recognized by the MalaysianMedical Council and since the academic year 2009-10, Malaysian students have been joining MBBS course in this Institute.

The University has started the Department of Allied Health Sciences which offers various Postgraduate, Undergraduate, Certificate Programmes in the domain of health sciences and related technology.

The department of Cell Biology and Molecular Genetics offers innovative courses viz., M.Sc. in Molecular Biology in Human Genetics, Postgraduate Diploma in Genomic Technology and M.Phil. in Molecular Cell Biology and Medical Genetics. In addition, the university offers programmes on Health Science Library Information Studies and Masters in Public Health.

Taking note of the current trends on integration of Complementary and Alternative Systems of Medicine(CAM) in medical practice world over, university has established the Department of Integrative Medicine of late to provide holistic health care facilities to the patients suffering from chronic diseases. It also offers Post Graduate Diploma in Yoga Practices.

By virthue of being accredited by NAAC, India and certified by ISO 9001–2000, this university is a perfect embodiment of a high standard of teaching, learning and evaluation process and has, consequently, become a byword for quality Medical Education.

The attached teaching hospital of the Medical College, R.L.Jalappa Hospital and Research Centre provides secondary and tertiary level health care to the rural and urban population of the Kolar district and also to the denizens from the bordering areas of the neighboring states of Andhra Pradesh



and Tamil Nadu. The hospital is a boon to the victims of accidents on the adjacent highway as it has a well equipped Trauma Care Centre and ICU backed by CT and MRI as well as scanning facilities. Its mandate is to develop trained manpower of medical professionals to cater to the needs of the community and provide service to the needy rural population. The University also has set up an Outpatient Unit at Kolar town and also renders committed outreach service to the disadvantaged through conduct of free medical camps at remote and difficult-to-reach areas.

The University has initiated several steps for the improvement of quality in research activities and has established linkages with institutions of repute. The Genomic and Central Research Facilities created by the University promote diagnostics and research activities in the area of genetic disorders. The centre has a number of highly sophisticated equipments for cytogenetics and molecular diagnosis. This is one of the few medical institutions under self financing 'Deemed to be University' system to have such facilities for diagnostics and research.



# SDUAHER

## Message from the Chairman



Sri Devaraj Urs Academy of Higher Education and Research, a Deemed to be University established in the year 2007 provides education in the field of Medical and Allied Health Sciences. The university provides optimum environment for teaching, learning, and acquisition of new knowledge, skills and aptitudes. It is noteworthy that the university through the faculty of Allied Health Sciences has been offering several vocational courses of innovative nature at an affordable fee which are being utilized by the local students.

The teaching hospital of university, by virtue of its semi-urban / rural location has been providing high quality healthcare facilities to the people in the rural areas. It conducts extensive outreach activities to provide health education and health care to the unreached hither-to-fore. As quality enhancement initiative to offer top class medical care to the patients, the hospital and clinical laboratories are preparing for NABH and NABL accreditations.

I am happy that the university is bringing out the Ninth Annual Report for the year 2015-16 as a reflection and documentation of the gamut of its performance in terms of administration, academics and other activities. I hope that you will appreciate the contents of the report and the efforts that have gone in to it as well as the achievements of this growing University.

Shri. R.L. Jalappa Chairman, SDUET



### Message from the Chancellor



An eventful year has just passed by and it is time we reflect on the same – to make a 'self audit' and to learn from the experiences of the year to set for ourselves new goals and objectives for the year to come.

We have on our own accord commenced our journey to have our efforts so far evaluated by NAAC and then on by NABH & NABL yardsticks. The challenge posed on us by the NAAC assessment has strengthened our resolve to raise the bar of our performance to the levels which we truly deserve. We will with a firm resolve, dedication and by maturing our alliance to a 'Force' by redefining our roles and develop a dynamic model at our University – a model of dedication, work ethics, accountability and commitment to teaching / training, health care delivery with care &

compassion, focus of relevant research and extension of the research into the community. Our new strategy would be to build intellectual power in our faculty and students to develop a strong desire for achievements and for thinking & performing "out of the box". Our efforts at NABH have reached us to our immediate target of 'Entry Level' accreditation. But, we need to remember that our journey along the quality process pathway has just begun and we now need to make all the requirements of NABH an internalised habit and practice the same every single day. Our commitment to deliver the best to our patients can be achieved with this rededication by all at our University.

During the year that has gone by, the Management in its endeavour to establish & provide for the best of facilities to support the objectives of growth and to meet the demands of the advances in the health care educational ecosystem, has made the following – establish a spacious state of art 'Central Diagnostic Laboratory' with merger of all diagnostic services and with modern, high-end equipment. Established the 'Central Research Laboratory' – bringing together our genomic, proteomic, molecular biology divisions to offer the best of support for research of our students & faculty. These two labs will work in tandem and will be mutually supportive to each other.

The University has developed a modern physiotherapy centre during the year for conventional and advanced lazor & hydrotherapy procedures. We have also commenced the faculty of Physiotherapy with the four year B.P.T program.

Our College of Nursing coexisting in our campus has now been upgraded to be one of the best nursing institutions and they have launched into NAAC accreditation process in preparation to joining our University.

Our hospital will see the completion of the new block being put up by the management – with this new facility accommodating 12 modern OTs, pre & post OP wards each with 20 beds, a comprehensive adult ICU with 30 beds and a Dialysis Center with 30 units. With this our surgical services will be at par with the best in the country.

We need to focus now on the human resource apart from the materialistic additions. Our faculty need to be more sensitive to the learners, should be more dedicated and see the tremendous opportunities presented by rapidly changing times. They should now be inspired to get the best out of them through 'team work' – recognising and respecting the best in each other. We, as faculty, have to align the goals of our students with the educational needs of the health sector inculcating human values.

I join you all in the prayer to God to inspire and guide us all through the years to come – to reach greater heights of recognition in the field of research and education.

Dr. S. Kumar Chancellor, SDUAHER, Kolar

# SDUAHER

### Message from the Vice-Chancellor



I am very pleased to be asked to write a Message for the Sri Devaraj Urs Academy of Higher Education and Research Annual Report. Having assumed office as the new Vice Chancellor on 16th July 2016, I have already witnessed significant strides being made by this relatively young University.

I believe that the role of a University is to enhance existing knowledge/create new knowledge, disseminate it and embark upon innovations to safeguard the educational needs of its students and the community at large.

Towards achieving all the above, the Sri Devaraj Urs Academy of Higher Education and Research (SDUAHER) has envisaged to make sure that the Curriculum is planned properly by the Boards of Studies and developed appropriately keeping in mind the growing needs and rapid advancements in various spheres of higher education in general and health sciences education in particular. Efforts are afoot to expose the students to global scenarios. SDUAHER has also given enormous thrust to Teaching Learning and Evaluation and improve upon existing methodologies, through numerous Teaching Learning and Evaluation Workshops which are being conducted by University Department of Medical Education. Inculcation of attitudes and attainment of skills have been given due importance. Noteworthy efforts towards Research, Consultancy and Extension have been made through new initiatives like creation of an exclusive Central Research facility, Ideation workshops, enhancement of Ph.D. registrations, institution of JRF Scheme and collaborations with Research organizations and conduct of Research Methodology Workshops. All these endeavours are expected to bring about significant increase in Research output. As regards improving infrastructure and Learning Resources, SDUAHER has left no stone unturned. A new standalone Central Research facility, a Central Diagnostic Lab and the Physiotherapy department have been added in the current year. The Planning and Monitoring Board has ratified the proposals to construct a modern Food Court, a new Operation Theatre-cum-ICU Complex, an upgraded Dialysis Unit – all at enormous cost.

Modernisation of Governance in the form of e-governance has been taken up in a big way through involvement of Tata Consultancy Services. Thus the use of Technology has been given a lot of importance. The University has also introduced some new Innovations and Best Practices including exploration and exploitation of renewable sources of energy, Medicinal plant/Herbal garden, Effluent Treatment Plant expansion etc. Efforts at NABL and NABH accreditation are in full swing and will soon be completed. With all the above there should be no doubt that in the coming year the University will do much better.

I congratulate all those who have taken keen interest in academic matters and compliment those who have played a significant role in our constant endeavour to upgrade the University.

Prof. C.V. Raghuveer
Vice Chancellor
SDUAHER.Kolar



## Message from the Registrar



For education to have desired outcome, it should aim in creating mankind with better perspective of life. We at Sri Devaraj Urs Academy of Higher Education and Research have been imbibing this very objective and have been striving best to have ideal and congenial atmosphere to provide Value Based Education so that, the graduates of this institution have better outcome attributes and competencies.

The university has made it tenable that several of its best practices help the students to acquire more knowledge and efficiently transform them to wisdom in all walks of life. Our philosophy of churning out a remote probability to an attainable possibility and furthering that to a viable action is the success story which is well supported by its sublime governance.

This is the Ninth Annual Report of Sri Devaraj Urs Academy of Higher Education and Research and it gives an extensive account of all its curricular, extracurricular and financial performance for the year 2015-16. I hope that you will appreciate its contents.

Dr. A.V. Moideen Kutty Registrar SDUAHER, Kolar

## **Driving Force**



### Vision

# "UNIVERSITY OF EXCELLENCE - KNOWLEDGE FOR POSTERITY"

### Mission

- To be a global center of excellence for Teaching, Training and Research in the field of higher education.
- To inculcate scientific temper, research attitude and social accountability amongst faculty and students.
- To promote value based education for the over all personality development and leadership qualities to serve the humanity.

### **O**BJECTIVES

- To provide need based infrastructure and facilities to students to become responsible professionals with social commitment and accountability.
- To implement innovative programmes effectively in teaching, learning and evaluation.
- To impart scientific and socio cultural temperament among students to forge national identity and needs.
- To provide instruction and training in basic and advanced branches of learning.
- To provide facilities for research for the advancement and dissemination of knowledge.
- To undertake extra-mural studies, consultancy, extension programmes and field outreach services for the development of society.
- To collaborate with other universities, institutions of excellence and research organizations within the country and outside for the purpose of teaching, training and research.
- To undertake need based activities for the betterment of socially and educationally backward society.



## Perspective Plan Document of Sduaher

### A. Short term goals (2007 - 2010)

- i. To constitute and notify various authorities and other officers of the University for the smooth and efficient functioning of the university as per the Memorandum of Association.
- ii. To develop and adopt an innovative curricula / syllabi within the guidelines of the statutory body for qualitative improvements in teaching, learning and evaluation process.
- iii. To establish mentorship program and provide remedial courses for under achievers.
- iv. To prepare and apply for increase in intake of Post Graduate courses and start new Post Graduate courses.
- v. To establish a department of Allied Health Sciences.
- vi. To prepare for the start of Ph.D courses and encourage research activities in all departments of the constituent college.
- vii. To prepare for the commencement of Fellowship programs.
- viii. To encourage the faculty for conduct of CME Programs, Guest lectures, Conferences and publication of research papers.
- ix. To develop faculty development and assessment programs.
- x. Enter into Memorandum of Understanding with centers of excellence for advancements in training and research activities of students and faculty.
- xi. To obtain recognition for the medical courses conducted by the University by Medical Council of India and by the Medical Councils of other countries.
- xii. To institute academic gold medals and other awards of excellence to students and staff.
- xiii. To encourage the students in co-curricula and extra curricula activities.
- xiv. To establish and to strengthen collaboration with NGOs such as Red Cross Society, Rotary international etc.
- xv. To establish Human Rights Club and Women Empowerment Cell.
- xvi. To establish Parent Teacher Association and strengthen Alumni Association.
- xvii. To improve the infrastructural facilities for the students, patients and staff.
- xviii. To improve social services by conducting outreach health camps.
- xix. To make university campus a "Ragging Free Zone" and inculcate discipline.
- xx. To enhance quality of administration with a continued ISO certification of the college and prepare for ISO certification of the teaching hospital.
- xxi. To strengthen computerization and initiate e-governance, e-learning and establish IT section.
- xxii. To optimally train and utilize the available man power through capacity building programs.
- xxiii. To include the college of Nursing and the College of Engineering run by the sponsoring trust as constituent units under the ambit of the university.



### B. Intermediate Goals (2011 - 2015)

- i. To prepare for the establishment and functions of departments of Cardiology, Neurology, Neuro surgery, etc.
- ii. To prepare for multidisciplinary, interdisciplinary courses and research activities.
- iii. To prepare for development of skills laboratories for improved quality of training.
- iv. To prepare for Post Graduate and Super Specialty Courses under
  - a. Medical Faculty DM, M.Ch, Emergency Medicine, Tropical Medicine, etc.
  - b. Nursing Faculty M.Sc., Ph.D
  - c. Engineering Faculty M.E, Ph.D
- v. To institute and award Fellowships, Awards, Medals and Visiting Faculty programs.
- vi. To vocationalize education through development of innovative courses under the Dept of Allied Health Sciences.
- vii. To establish full fledged clinical research laboratories.
- viii. To establish Students Guidelines Bureau and Placement Cells.
- ix. To strengthen infrastructural facilities.
- x. To promote extra-curricula activities.
- xi. To prepare for the re-accreditation by NAAC (India) for the constituent college.
- xii. To prepare for NABL and NABH accreditation for service laboratories and the teaching hospital respectively.
- xiii. To aim to attract extra mural research funding for research towards the health problems of rural population.
- xiv. To further strengthen e-governance and e-learning.
- xv. To establish linkages with other universities and centers of excellence in and outside the country.

### C. Long Term Goals (2016 - 2020)

- i. To work for the establishment of an independent university campus with various departments, research labs and other infrastructural facilities.
- ii. To aim for a financially sustainable and viable university.
- iii. To prepare for interdisciplinary and inter university exchange programs.
- iv. To establish new courses and faculties.
- v. To strive to be recognized as an "University of Excellence",
- vi. To establish off site campus and off shore campus.



# FINANCE OFFICER PRE & PARA CLINICAL SUBJECTS PRE & PARA CLINICAL VICE PRINCIPAL SUBJECTS ORGANIZATION CHART HIGHER EDUCATION & RESEARCH PRINCIPAL (SDUMC) AND HEADS OF SRI DEVARAJ URS ACADEMY OF BOARD OF MANAGEMENT UNIVERSITY DEPARTMENTS HEADS OF THE DEPARTMENTS VICE CHANCELLOR REGISTRAR CHANCELLOR CLINICAL SUBJECTS MEDICAL SUPERINTENDENT CONTROLLER OF EXAMINATIONS RESIDENT MEDICAL OFFICER MATRON

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7. Dr.N.Sarala Member Prof. & HOD of Pharmacology, SDUMC, Kolar

8. Dr.J.Krishnappa Member Assoc. Prof of Pediatrics, SDUMC, Kolar

9. Dr.T.N.Suresh Member Secretary Co-ordinator, Research & Development, SDUAHER, Kolar

# GRIEVANCE REDRESSAL COMMITTEE

1. Dr.M. L.Harendra Kumar Chairman Principal, SDUMC & Dean, Faculty of Medicine, SDUAHER, Kolar.

2. Dr.A.V.M.Kutty Member
Dean, Faculty of Allied
Health Sciences
SDUAHER, Kolar.

3. Mr. R.Purushotham Member Finance Officer, SDUAHER, Kolar.

4. Dr.Lakshmaiah V Member Medical Superintendent, RLJH & RC, Kolar.

5. Dr.M.S.Vinuth Shankar Member Professor & HOD of Physiology SDUMC, Kolar.

6. Dr. Muninarayana.C. Member Director Student Welfare, SDUAHER

7. Dr.D.V.L.N.Prasad Member Controller of Examinations, SDUAHER, Kolar.

# WORKS AND PURCHASE COMMITTEE

1. Sri.G.H.Nagaraja Chairman Secretary, SDUET Tamaka, Kolar

2. Sri.H.Anjanappa Member Trustee, SDUAHER, Kolar

3. Dr.M.H.Chandrappa

Co-ordinating Officer, SDUAHER, Kolar

4. Dr.M.B.Sanikop Member Principal and Professor of Anatomy, SDUMC, Kolar

Sri Devaraj Urs University of Higher Education and Research, Kolar
(Institution Deemed to be University)

Member



5. Sri.Hanumantha Rao Member Executive Engineer, SDUAHER, Kolar.

6. Dr.P.N.Sreeramalu Member Medical Superintendent, RLJH & RC, Kolar.

7. Respective Heads of Departments Special Invitee

8. Mr. R. Purushothama Member Secretary Finance Officer, SDUAHER, Kolar

# CURRICULUM DEVELOPMENT COMMITTEE

1. Dr.M.L.Harendra Kumar Chairman Director of Academics, SDUAHER, Kolar.

2. Dr.T.Karthiyanee Kutty Member Chairman, BOS-Preclinical subjects SDUAHER, Kolar

3. Dr.Sarala.N Member Prof. & HOD of Pharmacology SDUMC, Kolar.

4. Dr.B.N.Raghavendra Prasad Member Chairman, BOS-Medicine & Allied subjects SDUAHER, Kolar

5. Dr.M.Narayanaswamy Member Chairman, BOS-Surgery & Allied subjects SDUAHER, Kolar

6. Dr.A.V.M. Kutty Member
Dean, Faculty of Allied Health Sciences
Chairmen BOS-Allied Health Sciences
SDUAHER, Kolar

7. The Dean Permanent invitee

# MALPRACTICE MONITORING COMMITTEE

1. Dr.M.B.Sanikop Chairman
Dean, Faculty of Medicine,
SDUAHER &
Principal, SDUMC

2. Dr.A.V.M Kutty Member
Dean, Faculty of Allied Health Sciences
Chairman, BOS-Allied Health Sciences
SDUAHER, Kolar

3. Dr.T.Karthiyanee Kutty Member Prof. & HOD of Physiology & Chairman, BOS-Preclinical subjects SDUAHER, Kolar

4. Dr.M.L.Harendra Kumar Member Prof. & HOD of Pathology & Chairman, BOS-Para clinical subjects SDUAHER, Kolar

5. Dr.B.N.Raghavendra Prasad Member Prof. & HOD of Medicine & Chairman, BOS-Medicine & Allied subjects SDUAHER, Kolar

6. Dr.M.Narayanaswamy Member
Prof. & of OBG
Chairman, BOS-Surgery
& Allied subjects
SDUAHER, Kolar

7. Dr.D.V.L.N.Prasad Member Controller of Examinations SDUAHER

8. Mr.M.G.Venkata Reddy Member Legal Advisor, Kolar

### **TECHNICAL EXPERT COMMITTEE**

1. Dr.M.B.Sanikop Chairman
Dean, Faculty of Medicine,
SDUAHER &
Principal, SDUMC

2. Dr.M.H.Chandrappa, Member Co-ordinating Officer, SDUAHER

3. Dr.A.V.M.Kutty Member Registrar, SDUAHER

4. Dr.P.N.Sreeramalu Member Medical Superintendent, RLJH & RC



5. Dr.D.V.L.N.Prasad Member
Controller of Examinations
SDUAHER

6. Dr.R.Ramaraj Urs External Member Chief Librarian, RGUHS, Bangalore

7. Mr.Tippeswamy External Member Prof. & HOD of ISE, RLJIT, Dodda Ballapur

8. Mr.B.M.Mahesh Member Secretary Sr.System Admin, IT Department, SDUAHER

# OPD KOLAR MONITORING COMMITTEE

1. Dr.P.N.Sreeramalu Chairman Medical Superintendent,

2. Dr.M.B.Sanikop Member Dean, Faculty of Medicine, SDUAHER &

RLJH & RC

Principal, SDUMC

3. Dr.B.N.Raghavendra Prasad Member Prof. & HOD of Medicine

4. Dr.M.Narayanaswamy Member Prof. of OBG

5. Dr.Madan.M, Member Prof. & HOD of Surgery

6. Dr.Beere Gowda.Y.C Member Prof. & HOD of Pediatrics

7. Dr.P.V.Manohar Member Prof. & HOD of Orthopedics

8. Dr.Muninarayana.C Member Prof. & HOD of Community Medicine

9. Dr.T.C.Aswathanarayanaswamy Convener I/c.OPD Block, Kolar

### NSS ADVISORY COMMITTEE

1. Dr.Premanath.F.Kotur Chairman Vice-Chancellor, SDUAHER, Kolar

2. Dr.A.V.M.Kutty Member
Registrar
SDUAHER

3. Dr.M.L.Harendra Kumar Member Principal, SDUMC Dean, Faculty of Medicine, Principal, SDUMC.

4. Dr. Gananth Shetty, Ext-Member NSS, State Liaison Officer, Govt. of Karnataka, MS, Building – 563 001, Bangalore

5. Mr. A.N.Pujar, Ext-Member Head/Youth Officer,NSS Regional Office, 57/190, R.V.Road,Basavanagudi, Bangalore – 560 004

6. Mr.R.Purushothama, Member Finance Officer, SDUAHER

7. Dr.Pushpa.P.Kotur Member
Prof & HOD of OBG,
SDUMC

8. Dr. Muninarayana.C Member
Prof & HOD of Community Medicine,
Director, Student Welfare, SDUMC

9. Dr.P.Raja Reddy Member
Programme Officer NSS Unit I,
SDUMC

10. Dr. Swaroop Raj B.V. Member Programme Officer NSS Unit II, SDUMC

11. Dr. Kumaraswamy Revanakimath Member Programme Officer NSS Unit III, SDUMC

12. Dr. Ananta Bhattacharyya, Member Secretary
Asst. Professor of
Community Medicine,
Programme Coordinator, NSS
SDUMC



### **UNIVERSITY LIBRARY COMMITTEE**

1. Dr.Premanath.F.Kotur Chairman Vice-Chancellor, SDUAHER. Kolar

2. Dr.M.L. Harendra Kumar Member Dean, Faculty of Medicine Principal, SDUMC

3. Dr.A.V.M.Kutty Member Registrar SDUAHER

4. Mr.R.Purushothama, Member Finance Officer, SDIJAHER

5. Dr.B.G.Ranganath Member Prof. of Community Medicine SDUMC

6. Dr.T.Karthiyanee Kutty Member Prof. & HOD of Physiology SDUMC

7. Dr. M.Krishnamurthy, Member Assistant Professor, Documentation Research and Traning Centre Indian Statistical Institute, Bangalore – 560 059

8. Dr. R.Ramaraj Urs, Member Secretary Director,
Health Science Library and Information Studies,
SDUAHER

#### LIBRARY ADVISORY COMMITTEE

 Dr.Prasanna Kamath B.T Prof. of Community Medicine
 Dr.B.G.Ranganath Member

Prof. of Community Medicine

3. Dr.T.Karthiyanee Kutty Member

Prof. & HOD of Physiology

4. Dr. Khaja Naseeruddin Member Prof & HOD of ENT

5. Dr.Sangamesh B.T, Member Asst. Prof of Surgery

6. Dr. Santhoshi Malkarnekar, Member Asst. Prof of Medicine

7. Dr. Gurgi Mukthinath, Member PG Student, Dept of Surgery (2012-13 batch)

8. Dr.Sindhu.R, Member PG. Student, Dept. of Physiology (2011-12 Batch)

9. Mr. Suraj Varma, Member UG Student (2011-12 Batch

10. Mr.Prakash Member Secretary Senior Librarian, SDUMC

# MORTALITY AND MORBIDITY REVIEW COMMITTEE

1. Dr.A.Bhaskaran Chairman Prof. & HoD of surgery

2. Dr.H.S Arun Member Prof. of orthopaedics

3. Dr.Raveesha.A. Member Prof. of Medicine

4. Dr.Sudha Reddy, Member Assoc. Prof. of Pediatrics

5. Dr.Krishna Kumar B.R. Member Assoc. Prof. of Anaesthesialogy

6. Dr.S.R Sheela Member Secretary Prof. of OBG, SDUMC DMS, RLJH & RC

### WOMEN EMPOWERMENT CELL

1. Dr. Sudha Reddy V.R Chairman Professor of Paediatrics SDUMC

2. Dr. Shashi Rekha. C.A Deputy Chairman Associate Professor of Surgery SDUMC

3. Dr. Gomathy.E Member Professor of OBG SDUMC

4. Dr. Divya. C Member
Assistant Professor of Anatomy
SDUMC



5.	Dr. Sumathi M. E Associate Professor of Biochemistry SDUMC	Member
6.	Dr. Sujatha. M.P Assistant Professor of Anesthesiology SDUMC	Member
7.	Dr. Aysha yasmeen Post Graduate Student Microbiology SDUMC	Member
8.	Dr. Vijayalakshmi Principal, Sri Devaraj Urs School of Nursing, Tamaka, Kolar	Member
9.	Mrs. Zeanath Cariena.J Chief Nursing Officer	Member

RLJH&RC

**RLJH &RC** 

14. Miss. Prathyusha. L

VI term, MBBS SDUMC

10. Mrs. Punitha Associate Professor of Nursing SDUCON	
11. Miss. Hemavathi.L Computer Operator Office of the registrar SDUAHER	Member
12. Mrs. Shashikala V. Jr.Lab.Technician Biochemistry,SDUMC	Member
13. Miss. Veda. R Public Relation Officer	Member

15. Miss. Shivani	Member
IV term, MBBS	
SDUMC	

16. Mrs. Usha Gangadhar	Member
Secretary Educationist,	
& Philanthropist, Social Activist,	
SDC Group of Institutions	
External	

17. Dr. Mona Nongmeikapam Joint Secretary
Assistant Professor
of Psychiatry
SDUMC

18. Dr. Asha. B Member Secretary
Associate Professor
of Pharmacology
SDUMC

# Committee for Assesment of Publications for Incentives to the Faculty

1. Dr.M.B.Sanikop Chairman
Dean, Faculty of Medicine
Principal, SDUMC

Dr. A V M Kutty
 Registrar,
 Dean, Faculty of Allied Health Sciences

3. Dr. M. L. Harendra Kumar Member Prof. & HOD of Pathology SDUMC

4. Dr. T N Suresh Member Co-Ordinator (R&D) SDUAHER

5. Dr. Sarala. N Member Secretary Prof. & HOD of Pharmacology Convener, Medical Education Unit



Member



### MEETINGS OF THE AUTHORITIES OF THE UNIVERSITY

#### **BOARD OF MANAGEMENT**

The Board of Management is the principal executive body of The University. The Board of Management met five times during the period from April 2015 to March 2016. The 38th meeting of the board was held on 30th March 2016.

#### **ACADEMIC COUNCIL**

The Academic Council is responsible for the standards of Education, Teaching, Training and Evaluation as well as Research. The Academic Council met twice during the period from April 2015 to March 2016. The 23rd meeting of the Academic council was held on 25th March 2016.

#### FINANCE COMMITTEE

The Finance Committee examines and scrutinizes the accounts maintained by The University. The Committee also recommends the budget proposals to the Board of Management. During the period from April 2015 to March 2016

the finance committee met thrice and the 17th meeting of the Finance Committee was held on 16th February 2016.

### **PLANNING & MONITORING BOARD**

It is the principal planning body of The University and is responsible for the monitoring of the development programmes of The University. During the period from April 2015 to March 2016 the planning and Monitoring Board met twice and the 13th meeting was held on 25th November 2015.

# FACULTY OF MEDICINE AND ALLIED HEALTH SCIENCES

The constituent college of The University conducts medical courses, so an auxiliary body was constituted. This body recommends academic reforms to the Academic Council. This body met thrice during the period from April 2015 to March 2016 and the 13th meeting was held on 26th February 2016.



### SRI DEVARAJ URS MEDICAL COLLEGE

SDUAHER

Principal : Dr.M.L.Harendra Kumar Vice-Principal : Dr. A. Bhaskaran

Sri Devaraj Urs Medical College was started by Sri Devaraj Urs Educational Trust in the year 1986 and since 2007 is the constituent college under SDUAHER. The vision and mission of SDUMC are in accordance to those of the University and has objectives of ensuring highly qualified and motivated faculty, providing necessary infrastructure and facilities for students and staff and facilitating need based quality Medical Research.

The College offers MBBS course with 150 Annual Admissions, 18 departments offers PG degree course with 69 sanctioned admissions, 8 departments offers PG Diploma course with 18 sanctioned admission and 8 departments offer Ph.D. programmes.

Till date SDUMC has produced 3486 MBBS Graduates, 199 PG Degree & Diploma holders, 4 fellowship in Head and Neck surgical oncology and 1 Ph.D. Doctorate in Microbiology. Scholarships are awarded to backward class students studying in medical, engineering, PUC and other degree Colleges in Kolar district.

The Medical College has more than adequate qualified teaching and non-teaching staff to undertake teaching, training and service delivery.

The inmates are protected round the clock by vigilant security personnel. The college offers unique professional, cultural and recreational opportunities in a serene and cordial environment. The hallmark of the college is the excellent discipline and moral values inculcated among the students.



Fully integrated, innovative, modular curricula within the regulation of Medical Council of India have been prepared for the students to acquire adequate knowledge, requisite skills and competence. Students are also taught Medical Ethics, the Constitution of India, research methodology and advances in emerging areas in each subject of study.

The college maintains high standard in Teaching, Training and Evaluation processes as evidenced by the high pass percentage with a substantial number of students securing Gold Medals/Distinctions/First Classes, in the University Examination, and is a testimony to the efforts of the dedicated faculty.

The Lecture Galleries and Seminar Halls of each Department are well ventilated and equipped with latest audio-visual aids. The Library is spacious and well stocked with Textbooks, Reference books, National and International Journals. The Digital Library has a good number of computers with Internet and Medical Database facilities. A state of art hi-tech auditorium with seating capacity of 1200 and library complex.

The Medical College has infrastructure and learning resources which are periodically updated as per the needs of the students and faculty. The lecture galleries have been upgraded to smart class rooms and the library has been upgraded to a modern University Library and Information science consists of 23945 volumes of books, 10293 back volumes (journals) and 1135 compact discs (CD). The library subscribes to 41



Administrative Block





Silver Jubilee Auditorium

foreign titles of current journals, 106 Indian journals and 51 online journals. The library also provides access to 296 online journals and 3886 e-books from HELINET consortium of RGUHS.

A modern Centre for clinical skills and simulation with simulators has been provided. 19 of the 21 departments have museums with digitalization of the museum specimen literature; the department of Medical Education has been upgraded. R.L.Jalappa hospital and Research center has 13 clinical departments, central diagnostic lab facilities and super specialties services. Three primary health centers are attached to the medical college of which Devaraya Samudra PHC is being adopted and complete administrative by the Department of Community Medicine. In addition an Urban Health Centre and outreach clinics are also run by the department of community medicine.

There are four men's hostels with 700 students' capacity five ladies hostels with 850 student capacity. The college also has a modern air conditioned silver jubilee auditorium with 1050 seating capacity in which several CMEs, workshops, Guest Lectures, Conferences and cultural programmes have been conducted. A fully equipped modern gymnasium, synthetic tennis court, indoor sports facility, basketball court, playground and athletic grounds meet the extracurricular activities of the students. Annual intercollegiate and intra collegiate

level sports and athletic meet are held on regular basis. The NSS/YRS wing is involving actively in the social activities. International Day of Yoga was celebrated on 20th June 2015 & awareness programmes were held in different places in and around Kolar with free yoga therapy consultations and yoga demonstrations.

UG students are encouraged to participate in the conferences and present poster/oral presentation and to do research projects. Our UG students have taken up STS projects of ICMR, 20 in number during 2015-16.

College has conducted 2nd National Undergraduate Medical Conference (DeMedCon-2015) on 23rd, 24th& 25th April 2015. The theme of the conference was 'Equip, Enable and Evolve'. 561 student delegates from 25 Medical Colleges from all over India participated in the conference

As per the directions of the UGC and MCI the departments are cleaning and maintaining their environment under Swatch Bharath Abhiyan,

To encourage better performance among the departments and teachers, the University awards best department and teacher on an Annual basis. This academic year, it was awarded to Department of Anaesthesiology and Dr.Azeem Mohiyuddin, Professor & HOD, Department of ENT respectively.



# SDUAHER

### R. L. JALAPPA HOSPITAL AND RESEARCH CENTRE

#### **VISION:**

To provide quality health care to the patients

#### **INTRODUCTION:**

Sri. R.L.Jalappa Hospital and Research Centre is a tertiary health Centre attached to Sri. Devaraj Urs Medical College. The hospital was started in the year 1994 with out-patient services. Subsequently the Inpatient services were started from January 1995. The hospital is meeting the health needs of not only the twin districts of Kolar and Chikkaballapur but also the neighboring areas of Andra Pradesh and Tamilnadu.

This institution has become the nerve centre of Health care facility in this rural and backward area.

Sri. R.L.Jalappa Hospital and Research Centre is providing the health services in all the basic specialties. All these basic specialty services are free for the patients in the general wards except Medicolegal cases. In addition, it provides services in the super specialties like Cardiology, Neurology, Paediatric Surgery, Neuro Surgery, Urology, and Plastic Surgery at nominal and affordable rates. The hospital is having cashless facilities for the patients who are having the Government and private Health insurances.

#### **Important Activities During 2015-16**

The hospital is providing cashless facility in the treatment of the patients under various Government and Private Insurance Schemes. The various schemes are as follows:-

Sl. No.	Name of the scheme	Date of agreement	Valid upto
1	Yeshaswini	Since 2004	01-09-2016.
2	Arogya Bhagya Yojane	28 Mar 2009	In existence
3	Bharath Earth Movers Ltd (BEML)	Since 2002	Till the MOU period ends
4	Fire &Emergency Services	1 Oct 2010	Till the scheme exists.
5	D.B.C.S. Kolar & C.B.Pura Dist for cataract surgeries.	1 Apr 2016	31-03-2017
7	Vajapayee Arogya Shree	17 Feb 2016	16-02-2017
8	Jyothi Sanjeevini Scheme		
9	Rajiv Arogyabhgya Scheme		
10	RSBY (Rashtriya Swasthya Bima Yojane)	8 Apr 2016	Yearly renewal
11	Bajaj Health Insurance	20 Dec 2010	Till the scheme exists.
12	United Insurance	26 Nov 2010	Till the scheme exists.
13	Icici Lombard	1 Apr 2011	30-03-2017
14	E- Meditek	1 Aug 2011	Till the scheme exists.
15	Future Generali Insurance	10 Aug 2011	Till the scheme exists.
16	Honda/ Paramount Health Services	9 Jan 2013	08-01-2018
17	Religare Health Insurance	7 Nov 2015	3 years
18	Mukhyamanthrigala Santhwana Yojane	13 Jun 2016	12 Jun 2017

The World Labour Day was celebrated in the hospital on 01-05-2015 with the active participation of all the employees. The function was chaired by Dr. Sreeramulu, Medical Superintendent and those present on the Dias were Dr. A.V.Ramadas, RMO, Dr. Govindaraj, CCMO and Smt. Zeanath Cariena, Chief Nursing Officer.

We have successfully conducted the Hospital Day on 19 Oct 2015, to celebrate the birth day of Sri R.L. Jalappaji, Hon'ble Chairman, Sri Devaraj Urs Educational Trust. The programme started at 11:00A.M at the Silver Jubilee

Auditorium with invocation song and lighting the inaugural lamp. The Registrar of the Academy welcomed the dignitaries and the gathering. A brief report of the hospital was presented by Dr. P.N.Sreeramulu, Medical Superintendent. Dr. D.L.Ramachandra, the former Principal of the SDUMC, Kolar, was the Chief Guest of the function which was presided over by Dr. Premanath F.Kotur, the Vice-Chancellor of SDUAHER. Both of them addressed the gathering. The dignitaries on the dias included Shri. Rajesh N Jagadale, Chancellor, SDUAHER,



Shri.G.H.Nagaraja, Secretary, SDUET, Sri.Anjanappa, Director (A&F)& Trustee, Dr. A.V.M.Kutty, Registrar SDUAHER, Dr. B.G.Ranganath, Principal SDUMC, Dr. P.N.Sreeramulu Medical Superintendent, Dr. S.R.Sheela, Deputy Medical Superintendent and Smt. Zeaneth Cariena, Chief Nursing Officer. This was followed by distribution of awards to the various staff members of the hospital viz, long service with the institution, best workers in various categories and also for the winners of the sports and cultural events.

This year Christmas Day was celebrated on 19 Dec 2015 in the hospital which unlike the previous years saw the participation of all the categories of the hospital staff from attenders to the teaching and non-teaching staff. The gathering also included the Hon'ble Vice Chancellor, Registrar, Principal, Medical Superintendent, Resident Medical Officer, and Chief Nursing Officer on the Dias. The gathering was addressed by the Vice Chancellor, Principal & Medical Superintendent.

#### **Clinical Materials:**

	For 12 months	Average/Day
No. of Out-patients *	4,96,690	1587
No. of In-patients	3,04,541	834
No. of New admission *	40,187	110
No. of Discharges	40,015	110

**NOTE:** Regular OPDs do not work on Sundays. So, average is calculated excluding Sundays.

#### **General Health Checkup Camps:**

Month	No. of Camps	No. of Patients Treated
April – 2015	4	706
May - 2015	1	162
June - 2015	3	818
July - 2015	1	109
August – 2015	4	575
September – 2015	4	1503
October – 2015	1	162
November - 2015	2	411
December - 2015	3	443
January – 2016	4	532
February – 2016	4	718
March - 2016	3	580
TOTAL	34	6719

#### **Cataract Surgery Camps:**

Month	No. of Camps	No. of patients Screened	No. of Patients Operated
April - 2015	7	155	136
May - 2015	6	133	122
June – 2015	6	138	113
July - 2015	7	143	102
August - 2015	7	114	95
September –2015	6	86	75
October - 2015	6	93	80
November –2015	6	72	45
December – 2015	6	57	39
January - 2016	6	160	133
February – 2016	6	125	114
March - 2016	6	95	82
TOTAL	75	1371	1136

#### **Voluntary Blood Donation Camps:**

Month	No. of Camps	No. of Donors
April - 2015	0	0
May - 2015	1	14
June – 2015	4	141
July - 2015	1	38
August - 2015	3	70
September - 2015	2	92
October - 2015	5	255
November - 2015	0	0
December - 2015	1	8
January – 2016	0	0
February – 2016	2	84
March - 2016	1	18
TOTAL	20	720



#### **MCH Clinics:**

Month	No. of Clinics	No. of ANCs	No. of Children
April - 2015	4	34	5
May - 2015	4	45	9
June - 2015	4	40	20
July - 2015	4	52	25
August - 2015	4	41	28
September - 2015	4	39	20
October - 2015	4	41	24
November - 2015	4	55	19
December - 2015	4	23	25
January – 2016	4	41	24
February – 2016	4	47	9
March – 2016	4	31	28
TOTAL	48	489	236

#### **Outreach Clinics:**

Month	No. of	No. of
	Clinics	Patients screened
April - 2015	17	523
May - 2015	12	397
June – 2015	11	372
July - 2015	24	860
August - 2015	15	806
September - 2015	24	624
October - 2015	23	527
November - 2015	21	520
December - 2015	22	638
January – 2016	26	576
February – 2016	14	452
March – 2016	16	278
TOTAL	225	6573

#### **Deliveries Conducted:**

Month	No. of Vaginal Deliveries	No. of L.S.C.S.	Total No. of Deliveries
April - 2015	189	177	366
May - 2015	176	145	321
June – 2015	141	173	314
July - 2015	121	143	264
August - 2015	124	134	258
September-2015	133	160	293
October - 2015	139	152	291
November-2015	149	138	287
December-2015	132	176	308
January – 2016	98	118	216
February – 2016	95	159	254
March - 2016	95	131	226
TOTAL	1592	1806	3398

### **Casualty services:**

MONTH/ YEAR	No. of Non MLC'S	RTA	Poi- son	Snake Bite	Other MLC Cases	Total No. of Cases
April-15	1041	186	64	11	93	1395
May -15	1337	180	67	12	70	1612
June –15	1322	185	91	17	90	1655
July - 15	1188	220	44	18	119	1589
Aug-15	1105	172	69	21	79	1446
Sept-15	1092	194	55	19	79	1439
Oct-15	1100	180	78	9	83	1450
Nov-15	1089	185	43	6	54	1377
Dec-15	1240	158	50	9	82	1539
Jan-16	872	205	60	4	79	1220
Feb-16	948	227	55	4	71	1305
Mar-16	798	203	59	3	95	1158
Total	13132	2295	735	133	994	17185



#### **DEPARTMENTS OF THE CONSTITUENT INSTITUTION**

#### **DEPARTMENT OF ANATOMY**

#### **VISION**

To excel in providing quality medical education in Anatomy and conducting quality research to enable students to face global competition

#### INTRODUCTION

The Dept of Anatomy was started in the year 1986. It provides the required education in human anatomy for medical and paramedical students. It also provides necessary training facilities to the post graduate students of surgery, ophthalmology, physiology and ENT in Anatomy as relevant to their specialties. The Dept has infrastructure to cater to 200 MBBS students has an excellent museum with exhibits pertaining to Embryology, Genetics, Gross Anatomy, Sectional Anatomy, Radiology and Clinical Anatomy which are updated from time to time. To bring awareness among the public, the Dept also organizes Body Donation Programme.

#### THRUST AREAS IDENTIFIED

- Morphogenesis
- Medical Genetics
- Anthropology
- Skill development in preparation of Transparent Model

#### **TEACHING FACULTY**



Sitting: (L-R) Dr. Divya .C, Dr. Ashwini .N.S, Dr. Venkateshu.K.V, Dr Sridevi.N.S, Mrs. Krishnaveni.C. Standing: (L-R) Dr Kumarswamy.R, Dr.Shashidhar.K, DrVinay Kulkarni,Mr Suresh.T, Dr Shashikant.K

SL No	Name	Designation
1.	Dr. Venkateshu.K.V	Prof &HoD
2.	Dr. Sridevi.N.S	Associate Professor
3.	Dr. Ashwini.N.S	Assistant Professor
4.	Dr. Shashikant .K	Assistant Professor
5.	Dr. Shashidhar .K	Assistant Professor
6.	Dr. Divya.C	Assistant Professor
7.	Mrs. Krishnaveni.C	Lecturer
8.	Dr. Kumarswamy.R	Jr. Lecturer
9.	Mr. Suresh.T	Tutor
10.	Dr. Vinay Kulkarni	Tutor

#### **Details of programmes conducted/attended:**

Sl.No	Dates	CME Programmes Attended	Name of the faculty attended
1.	13-14 Aug 2015	Laboratory Staining Techniques at MVJ Medical College, Hoskote, Bangalore	Dr. Sridevi.NS Dr. Ashwini.N.S Dr. Shashikant K Dr. Shashidhar.K Dr. Divya.C
2.	18 Mar 2016	Creating Anatomy Models at Oxford Medical College, Bangalore	Dr. Sridevi.NS Dr. Shashikant K Dr Shashidhar.K

Sl. No	Dates	Conferences Attended	Name of the faculty attended
1.	27-28 Feb 2016	National Conference in Medical Education (MECON-2016) at JSS Medical College, Mysore	Dr. Venkateshu.K.V Dr. Ashwini.N.S Dr. Shashidhar.K



2.	25- 27 Sep 2015	17th Karnataka Chapter of Anatomists State Conference in SSMC,Tumakuru	Dr. Venkateshu.K.V Dr. Ashwini.N.S Dr. Shashikant K Dr. Shashidhar K Dr. Divya.C Mrs. Krishnaveni C
3.	20- 23 Nov 2015	63rd National Conference of Anatomical Society of India at King George's Medical College, Lucknow	Dr. Ashwini.N.S Dr. Shashikant.K

Sl.No	Dates	Papers presented: Poster Presentation	Name of the faculty attended
1.	20 - 23 Nov 2015	Study of the Course of Internal Carotid Artery in Human Cadavers	Dr. Shashikant. K
		63rd National Conference of Anatomical Society of India at King George's Medical College Lucknow	

Sl. No	Date	Papers presented : Oral Presentation	Name of the faculty attended
1.	25- 27 Sep 2015	A Barium contrast for renal calyces-Original study for Award paper at 17th Karnataka Chapter of Anatomists State Conference in SSMC, Tumakuru	Mrs. Krishnaveni.C
2.	25- 27 Sep 2015	Anatomical Study of Pulmonary Lobes and Fissures at 17th Karnataka Chapter of Anatomists State Conference in SSMC, Tumakuru	Dr. Divya.C

### **Research Projects (Completed):**

Sl. No	Ethical Clearance No	Topic	Name of the faculty attended
1.	No:DMC/KLR/ IEC-CER/167/15-16	Association of AGT M235 T , Factor V Leiden in Preeclampsia	Mrs. Krishnaveni.C

### **Research Projects (On going):**

Sl. No	Ethical Clearance/ Project No	Topic	Name of the faculty attended
1.	NO:DMC/KLR/ IEC/19/2015-16	Sexual dimorphism in vertebral column by a Radiological Method - A Pilot Study	Mrs. Krishnaveni.C
2.	NO:DMC/KLR/ IEC/115/2015-16	Comparison between proximal femoral geometry of Indians and Western femoral implants	Dr. Shashikant K

### Research Projects (New):

Sl. No	Ethical Clearance No	Topic	Name of the faculty attended
1.	SDUAHER/KLR/ ADMN/4900/2015-16	Effectiveness of functional transport model of larynx as a teaching and learning media	Dr. Venkateshu K.V



### Ph.D. Thesis (topics given during 2015-16 batches):

Sl No.	Name of the Student (Ph.D.)	Guide	Co-guide	Topic
1.	Dr. Kumarswamy .R	Dr. Venkateshu KV	Dr. Azeem Mohiyuddin SM Dr. AVM Kutty	Spectrum of GJB2 Gene with its promotor region among congenital non-syndromic hearing impairment.
2.	Dr. Arunashri	Dr. Venkateshu KV	-	Database for Facial Expressions and Micro-Expressions among Indians.

#### **Publications: Published**

Sl. No	Title of Paper	Authors	Journal Name
1.	A case of dicephalus conjoined male twin	Mrs Krishnaveni .C Sridevi N S Shiny VinilaBH Sanikop MB	International Journal of Scientific Research IJSR 2015; 4(7):384-385.
2.	Synostosis of first manubriocostal (sternocostal) joint - A rare case report	Dr. Ashwini.N.S Venkateshu KV, Harshith Gowda KB	International Journal of Recent Scientific Research Int J Recent Sci Res 2015; 6(6):4668-4671.
3.	Anatomical study of pulmonary fissures and lobes	Divya.C Venkateshu K.V Swaroop Raj B.V	International Journal of Recent Scientific Research Int J Recent Sci Res 2015; 6(6):4554-4557.
4.	Urogenital vascular anomalies with kinking of ureter	Mr Suresh Tadipi Roshni Sadashiv, Sangeeta M, Maegyvear Pimid	Malaysian Journal of Medical Sciences Malays J Med Sci. 2015; 22(6):67-70.
5.	Evidenceof Paternal N5N10 - Methylenetetrahydrofolate Reductase (MTHFR) C677T Gene Polymorphism in Couples with Recurrent Spontaneous Abortions (RSAs) in Kolar.	Mrs Shiny Vinila BH Dayanand C.D Pushpa F Kotur, Moideen Kutty A, Pradeep Kumar Vegi	Journal of Clinical Diagnostic & Research J Clin Diagn Res. 2015;9(2):15-8.

### **Publications: Accepted for Publication**

Sl. No	Title of Paper	Authors	Journal Name
1.	Variations in the shape of coronoid process of Indian adult dry human mandibles	Dr. Lalitha.B Dr. Sridevi N.S	International Journal of Scientific Study
2.	Morphometric analysis of mandibular foramen in dry adult human mandibles	Dr. Lalitha.B Dr. Sridevi N.S	International Journal of Scientific Study

**Publications: Authorship in books -NIL** 

ACHIEVEMENTS/HONOUR/AWARDS/FELLOWSHIPS IF ANY DURING THE YEAR

Faculty: Mr. Suresh .T -Tutor was awarded M.Phil. Degree in Molecular Cell Biology and Medical Genetics



#### **DEPARTMENT OF BIOCHEMISTRY**

#### **VISION**

To excel in Quality patient care, Academics & Research

#### **INTRODUCTION**

Dept of Biochemistry established in the year 1986 at Sri Devaraj Urs Medical College is involved in Teaching, Learning and Evaluation, Diagnostic & Research activities. Dept is involved in Teaching I MBBS students, B.Sc. MLT, B.Sc. Nursing, Allied Health Sciences, M. Phil, Ph.D, M. Sc. MLT, M. Sc. Genome technology, MD Biochemistry and other department students who are posted for External postings in the Dept.

The Dept has a well-established Under Graduate (UG) & Post Graduate (PG) lab. The UG lab has a capacity to accommodate 90 to 95 students at a stretch to conduct UG practicals. The PG and Research lab adjacent to UG Lab has well equipped modernized instruments with 24x7 power back up which can facilitate upto 8researchers to continue their basic Research activities.

The 24x7 Diagnostic laboratories at Central lab RLJH, caters to the patients coming to RLJH for treatment. Lab has well equipped instruments such as Dry Chemistry Analyzer the first of its kind in this region, BIORAD - D10 HPLC for HbA1C and also Chemiluminescence for hormone assays. Routine Internal Quality Assessment and External Quality Assessment of parameters are procured from BIO-RAD and the quality confirmation is done as per NABL ISO 15189: 2012 standards. As per the demand from the stake holders and researchers of our institution with respect to diagnostic and research

respectively, the Dept has started Sub-specialty labs concentrating mainly on Infertility, Inborn Errors of Metabolism, Oncology, Neurochemistry, Hepato Biliary diseases, Nephrology and Endocrinology.

#### THRUST AREAS IDENTIFIED

- Lipids, Biomarkers
- · Oxidative stress parameters
- Reactive Oxygen Species
- Enzymology, Protease

#### **TEACHING FACULTY with Ph. D Scholars**



Sitting: (L to R): Dr. Sumathi.M.E, Dr.K.N. Shashidhar, Dr. Susanna.T.Y, Mrs. Deena Mendez, Dr. Prabhavathi. K, Mrs. Mamatha Kunder

**Standing (Ph. D Scholars): L to R:** Mr. Krishna Sumanth, Mrs. B.Vanishree, Mrs. U. Munilakshmi

SL No	Name	Designation
1.	Dr.K.N.Shashidhar	Professor & HOD
2.	Dr. Sumathi.M.E Associate Professor	
3.	Dr. Prabhavathi.K.	Assistant Professor
4.	Dr. Susanna.T.Y	Assistant Professor
5.	Mrs. Deena C. Mendez	Lecturer
6.	Mrs. Mamatha Kunder	Lecturer

#### Details of programmes conducted/attended:

Sl.No	Dates	CME Programmes Attended	Delegates/ Participants
1.	Jun 2015	Current Regulatory Requirements for Members of Intuitional Ethics Committee" – an Awareness Programme at Bangalore Medical College & Research Institution, Bangalore.	Dr. Sumathi.M.E
2.	25- 28 Nov 2015	"Expediency of Markers of Early Detection of Acute Kidney Injury Sequela to Type 2 Diabetes Mellitus" at the 42nd ACBI National Conference, conducted by Department of Biochemistry, Post Graduate Institute of Medical Education & Research, Chandigarh.	Mrs. Munilakshmi.U



3.	18 Feb 2016	"Enhanced Liver Fibrosis (ELF) & Serum Her 2 / neu assay", conducted by Department of Biochemistry, HCG Hospital, Bangalore.	Mr. N. Krishna Sumanth	
Sl. No	Dates	Conferences Attended	Name of the faculty attended	
1.	11 - 12 Sep 2015	3rd State level conference of Association of Medical Biochemists Karnataka Chapter (AMBKC) 2015 Conference. Organized by Rajarajeshwari Medical College & Hospital Bangalore	Dr.K.N.Shashidhar Dr. Sumathi.M.E Dr. Prabhavathi. K Dr. Susanna T Y	
2.	19-20 Mar 2016	2nd National conference CAHOCON 2016, titled "Quality beyond accreditation" organized by Consortium of accredited health care organizations at Bangalore	Dr.K.N.Shashidhar	
Sl. No	Dates	Workshops attended	Name of the faculty attended	
1.	27 Jun 2015	NABH sensitization workshop at Bangalore	Dr.K.N.Shashidhar	
2.	25 Nov 2015	42nd National Conference of Association of Clinical Biochemists of India, PGIMER, Chandigarh	Mrs. Munilakshmi.U	
Sl. No	Dates	Oral presentation at Scientific Events	Name of the faculty attended	
1.	11-12 Sep 2015	Biomarkers in evaluation of Acute Kidney Injury 3rd AMBKC Conference, conducted by Dept of Biochemistry, Rajarajeshwari Medical College & Hospital, Bengaluru	Dr. K. N. Shashidhar, Prof & HOD as guest speaker	
2.	11-12 Sep 2015	"Dyslipidemia in Osteoarthritis. A case control study" at the 3rd AMBKC Conference, conducted by Dept of Biochemistry, Rajarajeshwari Medical College & Hospital, Bengaluru	Dr. Prabhavathi K Asst. Prof	
3.	10-12 Sep 2015	"A study of types in frequency of Preanalytical errors as quality indicators in clinical Biochemistry Laboratory of a Referral Rural Hospital" at the 3rd AMBKC Conference, from, conducted by Department of Biochemistry, Rajarajeshwari Medical College & Hospital, Bengaluru.	Dr. Susanna T Y Asst. Prof	
Sl. No	Dates	Poster Presentation	Name of the faculty attended	
1.	11-12 Sep 2015	"Usefulness of Serum Gamma Glutamyl Transferase in assessing severity of Preeclampsia" at the 3rd AMBKC Conference, conducted by Department of Biochemistry, Rajarajeshwari Medical College & Hospital, Bengaluru	Dr. Sumathi M E Assoc. Professor	
2	25 Nov 2015	Expediency of markers for early detection of acute kidney injury sequelae to type 2 diabetes mellitus, 42nd National Conference of Association of Clinical Biochemists of India, PGIMER, Chandigarh	Mrs. Munilakshmi.U Ph.D scholar	



### **Research Projects (Completed):**

Sl. No	Project No	Title of the research project	Principal investigator & department
1.	IEC-CER 81/2016-17	Preanalytical variables and their impact on Total quality Management of Clinical Biochemistry laboratory- A Tertiary referral rural hospital study	Mrs. Munilakshmi.U Biochemistry
2.	IEC-CER 45/2015-16	Biochemical evaluation of Serum lipid profile and serum Uric Acid in Pre-eclampsia- A case control study	Miss. Monica.N MBBS Student
3.	IEC-CER 125/2016-17	Gender Based case Control Study of Lipid Profile , Lipid ratios and Albumin Creatinine Ratio In Rural Diabetic Population	Mr.V.A.N.V. Kishore Mrs. Munilakshmi.U Dr. Shashidhar. K.N Dr. Lakshmaiah. V
4	32/2015-16	Dyslipidemia in Osteoarthritis. A Case control study	Dr. Prabhavathi.K Biochemistry

### Research Projects (On going):

Sl. No	Project No	Title of the research project	Principal investigator & department
1	SDUAHER/ Res. Proj/88/2013-14	Gender specific utility of Lipid ratios and its Correlation with systemic Inflammation in Acute Myocardial infarctions (AMI) patients with Type 2 Diabetes mellitus"	Dr.Susanna.T.Y
2	SDUAHER/ Res. Proj/89/2013-14	Serum Total Bilirubin and oxidative stress status in diabetic retinopathy- A hospital based observational study	Dr.Prabhavathi.K
3	Non Funded	A study on evaluation of oxidative stress with special emphasis to xanthine oxidase activity, anti- oxidants and neutrophil elastase in pre-eclampsia	Mrs. Vanishree B
4	Non Funded	"Role of Gamma Glutamyl transferase in the diagnosis of metabolic syndrome in patients with hypothyroidism - A Case control study in a rural tertiary care teaching hospital"	Dr. Sumathi ME
5	Non-Funded	Effect of oxidative stress on conventional markers in Alcoholic liver disease	Mr. N.Krishna Sumanth Ph.D scholar

### **Research Projects (New):**

Sl. No	Project No	Title of the research project	Principal investigator & department
1.	Non-funded	A correlative study of advanced Biomarker: kallistatin with conventional and oxidative markers in cirrhosis of liver	Mr. N.Krishna Sumanth Ph.D scholar
2.	SDUAHER No. DMC/ KLR/ UDOME/ IEC/ 58/ 2014-15	A study of Life style modification with metformin VS study life style modifications in pre diabetic subjects	Dr.Asha. BPharmacology Dr. Sumathi ME Collaborative Research



3.	SDUAHER./ Res.Proj/ 106/2015-16	Quantitative assessment of interleukin 6 levels in benign, premalignant and malignant lesions of the oral cavity.	Dr. Azeem Mohiyuddin Dept. of ENT & Head and Surgery Dr. Susanna TY; Collaborative Research
4	Non funded	"Glycemic status & uric acid estimation in Myocardial infarction patients with Type 2 Diabetes Mellitus".	V. A. N. V. Kishore IV term student Dr. Prabhavathi. K Biochemistry
5	Non funded	Small Antioxidant Molecules and its importance in AKI	Munilakshmi U Ph.D scholar

### MD/MS Dissertations / Ph.D. thesis (topics given during 2015-16 batch)

Sl. No	Student	Guide	Co-guide (if any)	Topic
1	Mrs. Mamatha Kunder	Dr. A.V.M Kutty	Dr. Lakshmaiah. V	Studies On Serum Elastase and Elastase-Inhibitors In Infectious and Non-Infectious Disease
2	Mrs. Munilakshmi.U	Dr. Shashidhar. K.N	Lakshmaiah. V Muninarayana. C Madhavi Reddy	Biomarkers & Oxidative stress parameters in Type II Diabetes Mellitus and Acute Kidney injury
3	Mrs. Vanishree.B	Dr.C.D.Dayanand	Dr. Sheela SR	A study on valuation of oxidative stress with special emphasis to xanthine Oxidase activity, anti-oxidants and plasma elastase in pre-eclampsia.

### **Publications:**

Sl. No	Title of the paper	Authors	Journal	Department
1.	A correlative study of thyroid profile and mineral status in patients with hypothyroidism- A hospital based case control study	Dr. Susanna.T.Y <sup>1</sup> Dr. Sagayaraj. A <sup>2</sup> Dr.K.N.Shashidhar <sup>1</sup> Miss. Gomathi <sup>3</sup> Dr. Mahesh v <sup>4</sup>	Asian journal of pharmaceutical and clinical research. 2016:9(3);292-294	Biochemistry <sup>1</sup> ENT <sup>2</sup> UG Student <sup>3</sup> Community Medicine <sup>4</sup>
2.	Production of an extracellular protease by Acectobacter aceti	Dr Deena Mendez Dr. A.V.M.Kutty Dr S.R.Prasad	Asian journal of Microbiology, Biotechnology and Environmental sciences 2016:18(1):185-190	Biochemistry Microbiology
3.	Preferential inhibition of bacterial elastase over human neutrophil elastase by leaf extracts of Psidium guajava: an invitro study	Dr Deena Mendez Dr. A.V.M.Kutty Dr S.R.Prasad	National journal of Physiology, Pharmacy and Pharmacology 2016:06(2):123-127	Biochemistry Microbiology
4.	Usefulness of Serum Gamma Glutamyl Transferase In Assessing Severity of Preeclampsia	Ms. Ruta Ujjval Joshi <sup>2</sup> Dr. Sumathi. M.E <sup>1</sup> Dr. Gomathi. E <sup>2</sup> Dr. Shashidhar K.N <sup>1</sup>	International Journal of Clinical Biochemistry and Research 2016;3(2):245-249	Biochemistry <sup>1</sup> UG, MBBS Student <sup>2</sup>



5.	A comparative study of the ionic and total calcium levels in women with thyroid dysfunction	Dr. Deena Mendez <sup>1</sup> Dr. Mamatha Kunder <sup>1</sup> Dr. K.N. Shashidhar <sup>1</sup> Dr. V. Lakshmaiah <sup>2</sup>	International journal of Medical science and public health 2016; 5(4):633-637.	Biochemistry <sup>1</sup> Medicine <sup>2</sup>
6	Correlation of blood uric acid with urinary albumin Creatinine ratio in hypertension and Diabetic Nephropathy	Dr. K. N. Shashidhar <sup>1</sup> Mrs Munilakshmi.U <sup>1</sup> Dr. Prabhavathi K <sup>1</sup> Dr. Madhavi Reddy <sup>2</sup> Dr. Lakshmaiah. V <sup>2</sup>	Apollo Medicine 2016; 13: 24-30.	Biochemistry <sup>1</sup> Medicine <sup>2</sup>
7	Is Xanthine Oxidase, a Marker in Pre-eclampsia? A Case-Control Study	Dr. Vanishree Bambrana <sup>1</sup> C.D.Dayanand <sup>1</sup> Pushpa P Kotur <sup>2</sup>	Journal of Clinical and Diagnostic Research. 2015;9: BC01-BC03	Biochemistry <sup>1</sup> Obstetrics and Gynecology <sup>2</sup>
8	Expediency of markers for early detection of acute kidney injury sequelae to type 2 diabetes mellitus	<sup>1</sup> Munilakshmi U <sup>1</sup> Shashidhar K.N <sup>2</sup> Muninarayana C <sup>3</sup> Madhavi Reddy <sup>3</sup> Lakshmaiah V	Asian journal of pharmaceutical and clinical research 2016; 9(4).	<sup>1</sup> Biochemistry <sup>2</sup> Community medicine <sup>3</sup> Medicine



## ACHIEVEMENTS / HONORS / AWARDS / FELLOWSHIPS IF ANY DURING THE YEAR

**Faculty:** Dr. Susanna TY, Asst. Prof. Biochemistry was awarded the degree Post Graduate Diploma in Genomic Technology during the convocation function held on 30th March 2016 from Hon. Chancellor Dr. S. Kumar, SDIJAHER.

#### **DEPARTMENT OF PHYSIOLOGY**

#### **VISION**

To foster academic excellence and research aptitudes among students and faculty to equip them to rise to the challenges of medical profession.

#### **INTRODUCTION**

The Dept of Physiology was started in 1986. The Dept was upgraded as a Postgraduate Dept in 2003 with permission to take in 3 postgraduate students per year. The Dept imparts the knowledge of Physiology to students of Medicine, Nursing and Allied health sciences.

#### THRUST AREAS IDENTIFIED

- Cardiometabolic functions
- Environmental Health
- Neurophysiology
- · Teaching Learning
- Yoga

#### **TEACHING FACULTY**



Sitting (L-R): Mrs.Usha G Shenoy, Dr. Karthiyanee Kutty.T, Dr. Vinutha Shankar.M.S, Dr.D.V.L.N Prasad, Dr.Jagadamba.A,

**Standing (L-R):** Dr.Shobha.M.V, Dr.RajaReddy.P, Dr.Shobha.M.V

SL No	Name	Designation
1.	Dr. Vinutha Shankar.M.S	Professor & HoD
2.	Dr. Karthiyanee Kutty.T	Professor



3.	Dr.D.V.L.N Prasad	Professor
4.	Dr.Jagadamba.A	Assistant Professor
5.	Dr.RajaReddy.P	Assistant Professor
6.	Dr.Geetha.S	Assistant Professor

7.	Dr.Shobha.M.V	Assistant Professor
8.	Dr.Vineetha Vittal	Lecturer
9.	Mrs.Usha G Shenoy	Lecturer

### $Details\ of\ programmes\ conducted/attended:$

Sl.No	Date	CME Programmes Conducted	
1	26 Aug 2015	State level Workshop on 'Best Practice On Writing Competitive Research Proposal	
		for Grants' was held in collaboration with MERT.	

Sl.No	Dates	CME Programmes Attended	Name of the faculty attended
1	28 Jan 2016	'Environmental Physiology' at JSS Medical College, Mysore as chairperson.	Dr.Vinutha Shankar.M.S
2	20 Jan 2016	'8th Spirometry Training' at Vellore (National Level) by Indian Chest Society.	Mrs.Usha.G.Shenoy
3	19Aug 2015	'E=M4 Rediscovered Formula of Well-being' at AIMS, Bellur.	Dr.Geetha.S
4	23 - 27 Nov 2015	One week 'International Course in Health Research Methods and Evidence Based Medicine' at St.Johns Medical College, Bangalore.	Dr.Geetha.S

Sl. No	Dates	Conferences Attended	Name of the faculty attended
1	18-19 Mar 2016	National conference on 'Chronobiology and Health' at Mahatma Gandhi Medical College & Research Institute, Puducherry.	Dr.Geetha.S
2	27-28 Mar 2016	'National Conference in Medical Education' (MECon 2016) at JSS Medical College, Mysore.	Dr.Geetha.S

Sl. No	Dates	Programme Conducted	
1	21 Sep 2015	'Alzheimer's Awareness Program' at SDUMC, Kolar.	Dept. of Physiology with Psychiatry
2	21June 2015	Organizing committee member for 'International Day of Yoga' at SDUMC, Kolar.	Dr.Geetha.S
3	28-29Jul 2015	'Research Methodology Workshop' for PGs conducted by student research committee and UDOME, SDUMC, Kolar.	Dr.Geetha.S

### **Research Projects (Completed):**

Sl. No	Project No	Title of the research project	Principal investigator & department
1	DMC/KLR/IEC/29 /2015-16	Critical fusion frequency; a simple noninvasive tool to measure fatigue in granite factory workers (09-12-2015)	Dr.Jagadamba.A, Physiology



### **Research Projects (Ongoing):**

Sl. No	Project No	Title of the research project	Principal investigator & department
1.	DMC/KLR/IEC/11/ 2016-17	Influence of smart phone addiction on depression and aggression in Medical students.	Dr.Shobha.M.V Physiology
2.	DMC/KLR/IEC/40/ 2015-16	Influence of central obesity assessed by conicity index on lung age in young adults.	Mrs.Usha.G.Shenoy Physiology
3.	DMC/KLR/IEC/167/ 2015-16	Prevalence of cardiovascular disease risk factors among the faculty and students of a tertiary care hospital in south India and its attached medical college – a cross sectional study.	Dr.Geetha.S, Physiology Miss Gomathi, UG Student
4.	DMC/KLR/IEC/39/ 2016-17	Prevalence of migraine in Medical Students of a tertiary care teaching medical college and hospital in south India – a cross sectional study.	Dr.Geetha.S Physiology
5.	DMC/KLR/IEC/122/ 2015-16	Influence of Internet addiction on critical fusion frequency (23-01-2016)	Mr.Yashwanth, UG student. Dr.Jagadamba.A Physiology
6.	DMC/KLR/IEC/123/ 2015-16	Effect of day time sleepiness on critical fusion frequency in Medical Students.	Miss. Gayathri, UG Student Dr.Shobha.M.V Physiology
7.	DMC/KLR/IEC/119/ 2015-16	A study of Heart Rate Variability in Obstructive sleep Apnea Syndrome.	Mr.Sriram UG student Dr.Vinutha Shankar.M.S Physiology
8.	DMC/KLR/IEC/171/ 2015-16	Effect of Basal metabolic rate on pulmonary function in obese adults	Miss.Sowmini UG Student, Mrs.Usha.G.Shenoy Physiology

### **Publications:**

Sl. No	Title of the paper	Authors	Journal	Department
1	"Effect of short term integrated approach of yoga therapy on memory scores in type 2 diabetes mellitus patients".	Bhanu R, Vinutha Shankar MS, Karthiyanee Kutty T	Indian journal of Clinical Anatomy and Physiology	Physiology
2	"An intervention study of physical activity o HbA1c and VO2 max in type 2 diabetes mellitus".	Vineetha Vittal, Vinutha Shankar MS, Karthiyanee Kutty T	Indian journal of Physiology and Pharmacology	Physiology
3	"Effect of integrated yoga on emotional dimensions of the participants in svyasa"	Sindhy R, Karthiyanee Kutty T, Vinutha Shankar MS	Journal of evidence based medicine and healthcare	Physiology
4	"Effect of excessive noise exposure on granite factory workers".	Ashwinipriyanka, Karthiyanee Kutty T, Vinutha Shankar MS	Journal of evolution of medical and dental sciences.	Physiology



5	"A study of mobile phone usage on sleep quality and day time sleepiness".	Shobha MV, DeepaliA, Srinivasa Reddy P	Research journal of pharmaceutical, Biological and chemical sciences	Physiology Forensic Medicine
6	"A study of mobile phone usage on sleep and stress among first year medical students".	DeepaliA, Shobha MV, Srinivasa Reddy P	Research journal of pharmaceutical, Biological and chemical sciences	Physiology Forensic Medicine
7	"One stage deformity correction of stiff nonunion of mid shaft first metatarsal fracture by open reduction and internal fixation with locking reconplate:  A case report	Anil Kumar SV, Parvataneni Prathap, Vineetha Vittal, Nagakumar JS, Manohar PV	International of biomedical and advance research	Physiology Orthopaedics
8	"Cystecercosis of foot : A rare diagnosis in rare location"	Parvataneni Prathap, Anil Kumar SV, Nagakumar JS, VineethaVittal and Manohar PV	International of biomedical and advance research	Physiology Orthopaedics
9	"Studyof ardiovascular Risk Factors among tertiary Hospital Employees"	Raja Reddy P, Raveesha A, Madhavi Reddy M, Anil NS, Prasanna Kamath BT.	Journal of Medical Science and clinical research.	Physiology, Medicine, Comumunity Medicine.
10	Correlation between fasting insulin and blood pressure in obese and non-obese middle aged Indian diabetic adults.	Raja Reddy P, Lakshmaiah V, Karthiyanee Kutty, Madhavi Reddy M, Munilakshmi U.	International Journal of Multidisciplinary research and development.	Physiology, Medicine, Biochemistry.
11	Effect of Tobacco on Cognitive Function in Elderly People – A pilot Study.	Sumitra. S Mohan Reddy, Ruth Sneha, Karthiyanee Kutty.	Journal of Clinical and Biomedical Sciences.	Physiology, Psychiatry

# ACHIEVEMENTS/HONORS/AWARDS/FELLOWSHIPS IF ANY DURING THE YEAR POSTGRADUATES

• Dr.Sumitra.S Postgraduate student was awarded gold medal during the convocation held on 30 March 2016.

#### **DEPARTMENT OF PATHOLOGY**

#### **VISION**

To be a center of excellence for diagnostic services, research and education in the field of Pathology.

#### **INTRODUCTION**

Dept of Pathology had a humble beginning in 1988 with setting up of Laboratory, morbid anatomy rooms and Museum. Various equipments and chemicals were procured for undergraduate practical teaching. Post graduate course in MD pathology was started in 2003 with 2 admissions per year which was increased

to 4 since 2010. The faculty are actively involved in Undergraduate and Post graduate teaching, Diagnostic services Posters and scientific papers are being presented and published in various state, national and international Journals and conferences. The Dept now has well stocked computerized museum arranged systematically with corresponding legends and teaching material, central laboratory with clinical pathology, cytopathology, frozen section, histopathology with special stains and immunohistochemistry.

#### **ACTIVITIES OF BLOOD BANK:**

Dept of Pathology runs a 24 hour blood bank at Shri R L Jalappa Hospital and Research Centre. It is



recognized by NACO and Drug controller. Blood Bank has a Memorandum of Understanding with Sankalp Indian Foundation for conducting Voluntary blood Donation campus as per NACO guidelines.

#### THRUST AREAS IDENTIFIED

- Tumor Biology:
- Application of Immunohistochemistry markers and molecular markers for the diagnosis / prognosis of following malignancy.
  - a) Head & neck tumors.
  - b) Breast tumor.
  - c) Prostatic tumor.
  - d) Cervical cancer.
- · Cytopathology:
  - a) Study of cytopathology of thyroid tumors.
  - b) Cervical cancer screening.
- **Haematology:** Platelet Indices, Bleeding and coagulation studies in Snake poisoning.
- **Blood Bank:** Blood component separation and increase of shelf life of blood components

#### **TEACHING FACULTY**



**Sitting (L to R) –** Dr Das S, Dr TN Suresh, Dr ML Harendra Kumar, DR CSBR Prasad and Dr Kalyani R

**Standing Row 1 (L to R) -** Dr Ankita B, Dr Manjula K, Dr Swaroop Raj B V, Dr Shilpa MD, Dr Hemalatha A and Dr Supreetha MS

**Standing Row 2 (L to R)** – Dr Swati Pandey, Dr Argha Baruah, Dr Shubhra R, Dr Chandana and Dr Hajra K

**Standing Row 3 (L to R)** – Dr Pradeep, Dr Karthik, Dr Nishit and Dr Manan Shah

SL No	Name	Designation
1	Dr.CSBR.Prasad	Professor and HoD
2	Dr.M.L.Harendra Kumar	Principal and Dean, Faculty of Medicine and Professor
3	Dr Kalyani R	Professor

4	Dr.T.N.Suresh	Professor
5	Dr.Subhashish Das	Professor
6	Dr.Manjula.K	Associate Professor
7	Dr.Hemalatha.A	Associate Professor
8	Dr.Swaroop.Raj.B.V	Assistant Professor
9	Dr.Sushma.S	Assistant Professor
10	Dr Supreetha M S	Assistant Professor
11	Dr Shilpa M D	Assistant Professor
12	Dr.Ankita Baghel	Postgraduate/Tutor
13	Dr.Nishit	Postgraduate/Tutor
14	Dr.Karthik Kasireddy	Postgraduate/Tutor
15	Dr.Shubhra Ramchandani	Postgraduate/Tutor
16	Dr.Argha Baruah	Postgraduate/Tutor
17	Dr.Pandey Swati	Postgraduate/Tutor
18	Dr.Rajini.T	Postgraduate/Tutor
19	Dr.Sulagna	Postgraduate/Tutor
20	Dr.Shah Manan Bharatkumar	Postgraduate/Tutor
21	Dr.Mehdi Hajra Khursheed	Postgraduate/Tutor
22	Dr.Pradeep Mitra.V	Postgraduate/Tutor
23	Dr.Chenna Chandana Reddy	Postgraduate/Tutor

# Details of programmes conducted/ attended:

Sl. No.	Date	Presenting Department	Integrated Department
1	9 Apr 2015	Pathology	Medicine and Surgery
2	11 June 2015	Pathology	OBG and Surgery
3	13 Aug 2015	Pathology	Radiology and Surgery
3	8 Oct 2015	Pathology	Medicine and Orthopaedics
4	10 Dec 2015	Pathology	Medicine and Surgery
5	11 Feb 2016	Pathology	-



Sl.No	Date	CME Programmes Conducted
1.	20 Jun 2015	CME on "Bone and Soft Tissue Pathology" by Department of Pathology in collaboration with Karnataka Chapter of Indian Association of Pathologists and Microbiologists, Karnataka
2.	19Mar 2016	CME on "Updates in Gynaec Pathology" by Department of Pathology in collaboration with Karnataka Chapter of Indian Association of Pathologists and Microbiologists, Karnataka

Sl.No	Dates	CME Programmes Attended	Name of the faculty attended
1	13 Mar 2015	Karnataka Chapter of Indian Association of Pathologists and Microbiologists,	Dr. Sharitha Dr. Yashaswini
		Post Graduate Quiz.	Dr. Veena Dr. Geethanjali

Sl. No	Dates	Conferences Attended	Name of the faculty attended
1	11 -12 Jul 2015	International Conference of Male Genitourinary Pathology conducted by Bangalore Medical College and Research Institute at NIMHANS Bangalore	Dr. CSBR Prasad Dr. Suresh T N Dr. Sushma Dr. Rakshith Dr. Geethanjali Dr. Argha
2	17 -19 Jul 2015	Fellowship in Medical education and Training by St Johns Medical College at St Johns Medical College.	Dr. TN Suresh
3	8- 9 Aug 2015	PathFest Bangalore Chapter by St Martha's Hospital	Dr. Rakshith Dr. Veena Dr. Yashaswini Dr. Geethanjali
4	11 - 13 Sep 2015	42nd Annual state conference of Karnataka Chapter of Indian Association Of Pathologists and Microbiologists from at AJ Institute of Medical Sciences and Research Centre, Mangaluru	Dr Swaroop Raj B V Dr Shilpa MD Dr Nishit Dr Ankita Dr Shubhra Dr Karthik
5	3- 6 Dec 2015	Annual Pathology Conference 2015 organised by Indian Academy of Pathologists and Microbiologists - Kerala Chapter at Kochi	Dr Swaroop Raj B V Dr Karthik

Sl. No	Dates	Workshops Attended	Name of the faculty attended
1.	2-3 2015	Workshop on Microscopy Course in Dermatopathology by St Johns Medical College at St Johns Medical college.	Dr CSBR Prasad



Sl. No	Dates	Papers Presented : Oral Presentation	Name of the faculty attended
1	12 Sep 2015	Manual Liquid based Cytology VS conventional direct smears in Fine Needle Aspiration Cytology at 42nd Annual state conference of Karnataka Chapter of Indian Association Of Pathologists and Microbiologists by AJ Institute of Medical Sciences and Research Centre, Mangaluru	Dr Ankitha Baghel
2	12 Sep 2015	Histomorphological spectrum of ovarian tumors at 42nd Annual state conference of Karnataka Chapter of Indian Association Of Pathologists and Microbiologists by AJ Institute of Medical Sciences and Research Centre, Mangaluru	Dr Shubhra R
3	12 Sep 2015	Clinicopathological study of rare invasive epithelial tumors of breast at 42nd Annual state conference of Karnataka Chapter of Indian Association Of Pathologists and Microbiologists by AJ Institute of Medical Sciences and Research Centre, Mangaluru	Dr Karthik K
4	12 Sep 2015	Tumor budding and shape of tumor nests in oral Squamous Cell carcinoma at 42nd Annual state conference of Karnataka Chapter of Indian Association Of Pathologists and Microbiologists by AJ Institute of Medical Sciences and Research Centre, Mangaluru	Dr Nishit
Sl. No	Dates	Papers presented : Poster Presentation	Name of the faculty attended
1	6 Mar 2015	Uncommon location of a common tumor. A large leiomyoma occurring in ovaryElixer 2015 at	Harshith Gowda KB 4th term student
		International medical undergraduate conference by K S Hegde medical college, Mangaluru	
2	12 Sep 2015		Dr Swaroop Raj B V
3	12 Sep 2015  12 Sep 2015	by K S Hegde medical college, Mangaluru  Liquid Dish Wash Solution Can it be an alternative in future for the expensive and hazardous xylene in H and E staining of paraffin embedded section at 42nd Annual state conference of Karnataka Chapter of Indian Association Of Pathologists and Microbiologists by AJ Institute of Medical	Dr Swaroop Raj B V  Dr Shilpa MD
		by K S Hegde medical college, Mangaluru  Liquid Dish Wash Solution Can it be an alternative in future for the expensive and hazardous xylene in H and E staining of paraffin embedded section at 42nd Annual state conference of Karnataka Chapter of Indian Association Of Pathologists and Microbiologists by AJ Institute of Medical Sciences and Research Centre, Mangaluru  Pregnancy associated breast cancer: A diagnostic dilemma at 42nd Annual state conference of Karnataka Chapter of Indian Association Of Pathologists and Microbiologists by AJ Institute of Medical Sciences and Research	



### **Research Projects (Completed):**

Sl. No	Project No	Title of the research project	Principal investigator & department
1		Correlation of E cadherin and Vimentin expression with histological type and grade of differentiation breast cancer	Dr.Rakshith.V Pathology
2		Cytological evaluation of Thyroid lesion by Morphology and Morphometry under Bethesda system	Dr.R.Yashaswini Pathology
3		Rapid cytodiagnosis by different staining techniques in comparison with conventional stains in FNAC.	Dr.R.Veena Pathology
4		Storage related Hematological and Biochemical changes of whole blood	Dr.Geethanjali.N Pathology
5		Liquid Dish Wash Solution. Can it be an alternative in future for the expensive and hazardous xylene in H and E staining of paraffin embedded section.	Dr Swaroop RajPathology
6		Xylene free microwave tissue processing -a non –hazardous and faster alternative to conventional tissue processing.	Dr Swaroop Raj B V, Pathology
7		Manual Liquid based Cytology VS conventional direct smears in Fine Needle Aspiration Cytology	Dr Ankitha Baghel, Pathology
8		Histomorphological spectrum of ovarian tumors.	Dr Shubhra R Pathology
9		Clinicopathological study of rare invasive epithelial tumors of breast.	Dr Karthik K Pathology
10		Tumor budding and shape of tumor nests in oral Squamous Cell carcinoma	Dr Nishit Pathology

### **Research Projects (Completed):**

Sl. No	Project No	Title of the research project	Principal investigator & department
1		Utility of Micro ESR and Hematological Scoring system in the detection of neonatal sepsis – A comparative Study	Nivetha C Pathology
2		Is clotting time necessary as a preoperative test	Maya Lakshmanan Pathology
3		Identification of acid fast bacilli in effusion by clot processing technique	Dr CSBR Prasad Pathology
4		Leishman Giemsa Cocktail – Is it the best solution for airdried cytology smears?	Dr Shilpa MD Pathology



### MD/MS Dissertations / Ph.D. thesis (topics given during 2015-16 batch)

Sl. No	Name of the student	Guide	Topic
1	Dr.Argha Baruah	Dr.T.N.Suresh	USG Guided FNAC ineualuation of cervical lymphnode metastatic in oral SCC
2	Dr.Pandey Swati	Dr.Hemalatha.A	Histopathological study of Vascular changes in Placenta in Preeclampsia using Histochemistry
3	Dr.Rajini.T	Dr.Shubhashis Das	A study of papanicolaou [pap] stain and cervical acid phosphatase - papanicolaou [cap-pap] stain in the detection of cervical intra-epithelial neoplasma comparative study
4	Dr.Sulagna Manna	Dr.M.L.Harendra Kumar	"Study of Mast cell Profile in Atherosclerotic lesion of Aorta – an autopsy study".

### **Publications:**

Sl. No	Title of the paper	Authors	Journal	Department
1.	Hemalatha A, Sagayaraj A, Prasad CSBR.	Kikuchis lymphadenitis: Is biopsy necessary in managing these patients.	International Journal of Medicine and Public Health 2015; 5(1);115-7.	Pathology ENT
2.	Manjula K, Prasad CSBR.	A case of malignant pleural effusion.	International Journal of Scientific Research 2015;4(3): ISSN NO 2277-8179	Pathology
3.	Yashaswini R, Suresh TN, Mohan Kumar K, Harendra Kumar ML.	Role of "Cellular Swirls" In the Cytodiagnosis of Papillary Carcinoma Thyroid.	IOSR Journal of Dental and Medical Sciences, 14(4); 2015; 7	Pathology Surgery
4.	Suresh TN, Hemalatha A, Harendra Kumar ML, Mohiyuddin SMA.	Evaluation of histomorphological and immunohistochemical parameters as biomarkers of cervical lymph node metastasis in squamous cell carcinoma of oral cavity: A retrospective study.	Journal of Oral and Maxillofacial Pathology, 19(1); 2015; 18-24	Pathology ENT
5.	Kalyani R, Gayathri BN, Thuruvekere SN, Venkatarathnamma PN.	Wilson's disease: A Clinical autopsy case report with review of literature.	Journal of Natural Science, Biology, and Medicine, 6(1); 2015; 248-52	Pathology Medicine
6.	Veena R, Vidyavathi K, Prasad CSBR.	Sirenomelia – Mermaid Syndrome with Oesophageal Atresia: A Rare Case Report.	Journal of Interdisciplinary Histopathology doi: 10.5455/jihp. 20150711023253	Pathology
7.	Divya Rani MN, Harendra Kumar ML, Swaroop Raj BV, Manoranjan UD.	Quantitative analysis of mast cells in invasive ductal carcinoma.	International Journal of Current Research and Academic Review 2014;2(12):91-96	Pathology Surgery



8.	Sushma S, Prasad CSBR.	A common tumour at an uncommon site – Large Leiomyoma of the broad ligament.	International Journal of Recent Scientific Research 2015;6(6): 4538-4540	Pathology
9.	Sushma S, Kiran SH Shreeharsha MA, Suresh T N	Bilateral Multifocal Renal Angiomyolipoma Associated with Wunderlich's Syndrome in A Tuberous Sclerosis Patient.	Journal of Clinical and Diagnostic Research 2015; 9 (8): ED01 – ED03.	Pathology Forensic medicine
10.	Purushotham MK, Prasad CSBR, Harendra Kumar ML.	Primary pulmonary cryptococcosis in an immunocompetent patient.	Clinical Cancer Investigation Journal, 4; 2015; 365-7	Pathology
11.	Shilpa G, Yashaswini R, Prasad CSBR, Kumar KM.	Warthin-like variant of papillary thyroid carcinoma: A diagnosis not to be missed.	Clinical Cancer Investigation Journal, 4; 2015; 381-3	Pathology
12.	Umesh Babu R, Gayathri BN.	Papillary Muscles Rupture as Delayed Sequel of Trauma.	International Journal of Medical Toxicology and Forensic Medicine, 5(1); 2015;	Pathology Forensic medicine
13.	Raghu Teja KJSS, Sakalecha AK, Hegde P, Suresh TN, Sreeramulu PN, Kishore Kumar BN et al.	Role of ultrasonography & color Doppler in the evaluation of thyroid nodules with histopathological correlation.	Journal of Evolution of Medical and Dental Sciences, 4(12); 2015; 1950-1965	Pathology Radio diagnosis Surgery
14.	Singh AK, Hegde P, Sakalecha AK, Suresh TN, Sreeramulu PN.	Evaluation of Cervical Lymphnodes by Ultrasonography in Correlation with FNAC.	Journal of Evolution of Medical and Dental Sciences, 4(9); 2015; 1533-1551	Pathology Radio diagnosis Surgery
15.	Ramesh R, Ramu C, Narayana Murthy VL.	Accuracy of Fine Needle Aspiration Cytology of Thyroid Swellings.	Journal of Evidence based Medicine and Healthcare 2014; 1(16): 2074-2078.	Pathology Surgery
16.	Shankar S, Ashokan B, Reddy M, Anantharamaiah H.	Paratesticular Liposarcoma of the Spermatic Cord: A Rare Case.	Journal of Interdisciplinary Histopathology 2015; 3(4): 138-141. doi:10.5455/ jihp.20151029070700	Pathology Surgery
17.	Shilpa MD, Vikranth SN, Suresh TN, Mohan Kumar K.	Pregnancy Associated Breast Carcinoma: A Diagnostic Dilemma.	International Journal of Recent Scientific Research 6(11); 2015: 7533-7535.	Pathology Surgery
18.	SM Azeem Mohiyuddin, Ravindra P Deo, Divya N Jyothi, Harendra ML Kumar, A Sagayaraj.	Ewing's sarcoma of maxilla. A rare presentation.	Int J Head Neck Surg 2015; 6 (2):96-98. DOI: 10.5005/jp- journals-10001-1232	Pathology ENT



19.	Manaswini Ramchandra, SM Azeem Mohiyuddin, TN Suresh, A Sagayaraj, Shuhaib Merchant.	Evaluating usefulness of 5-Aminolevulinic Acid induced fluorescence o guide biopsy of Oral Cancers and Premalignant Lesions.	Int J Head Neck Surg 2015; 6 (2):64-68. DOI: 10.5005/jp- journals-10001-1224.	Pathology ENT
20.	Vivekananda KH, Mohan Kumar K. Prakash D, Vikranth SN, Suresh TN.	Clinical outcome of emergency laparotomy: Our experience at a tertiary care centre.	Int J Biomed Adv Research 2015;6(10): 709-714	Pathology Surgery
21.	Kalyani R, Shruthi SP, Narayanaswamy M	Significance of p53, pRb and Ki-67 markers in Cervical intraepithelial lesion and Malignancy.	Biomedical Research and Therapy 2015, 2(10): 374-384	Pathology OBG
22.	Kalyani R	Evolution of Pap Stain	Biomedical Research and Therapy, 3(2); 490-500	Pathology

#### **Publications:**

Sl. No	Title	Authors	Book	Department
1	Chapter 2 - Markers used in screening and diagnosis of cervical intraepithelial lesions	Dr Kalyani R	Recent Advances in Cervical Cancer (Avid Sciences)	Pathology

#### ACHIEVEMENTS/HONORS/AWARDS/FELLOWSHIPS IF ANY DURING THE YEAR

#### **POSTGRADUATES**

- a. Faculty
- b. Postgraduates: Dr. Ankita Baghel got the best presenter award atKarnataka Chapter of Indian Association of Pathologists and Microbiologists slide seminar conducted by Anand Laboratory on 16 Jan 2016.

#### **DEPARTMENT OF PHARMACOLOGY**

#### **VISION**

Excellence in teaching & training of pharmacological concepts and their application in clinical medicine and research.

#### **INTRODUCTION**

The Dept was established in 1988 with all facilities as per MCI requirement under the guidance of Dr. Nanjappa, a senior professor and HoD Dr. Babu S Nema. In Jan 2003, MD Pharmacology course was started with the approval of MCI. The department is active in the field of pharmacovigilance and research. The Dept is recognized as Adverse Drug Reaction Monitoring Center under Phamacovigilance Programme of India by Indian Pharmacopoeia Commission, National Coordinating Center, Ghaziabad from July 2015. The central animal

house is registered under Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA), New Delhi. The Dept was conferred the **Best Department Award** for the year 2014-15.



Department of Pharmacology received **BEST DEPARTMENT** award for the year 2014-15



#### THRUST AREAS IDENTIFIED

- Pharmacogenetics
- Pharmacovigilance
- Drug poisoning
- Self-medication patterns
- Pharmacoeconomics
- Drug utilization studies

#### **TEACHING FACULTY**



SL No	Name	Designation
1.	Dr. Sarala N	Professor and HoD
2.	Dr. Bhuvana. K	Associate Professor
3.	Dr. Asha B	Associate Professor
4.	Dr. Smitha Rai	Assistant Professor
5.	Dr. Jaya Kumar J.K	Assistant Professor
6.	Dr. Muninarayana. S	Veterinary Doctor
7.	Dr. Ganashree. P	Postgraduate / Tutor
8.	Dr. Ashwitha Shruti Dass	Postgraduate/ Tutor
9.	Dr. Sahana H.V	Postgraduate / Tutor
10.	Dr. Mohammed Yaseen	Postgraduate / Tutor
11.	Dr. Sowmya C	Postgraduate / Tutor

**Sitting from L to R-** Dr. Smitha Rai, Dr. Asha B, Dr. Sarala.N, Dr. Bhuvana K, Dr. Jayakumar JK, Dr. Muninarayana. S

**Standing:** Dr. Sahana H.V, Dr. Sowmya C, Dr. Mohammed Yaseen, Dr. Ashwitha SD, Dr. Ganashree P

#### Details of programmes conducted/attended:

Sl.No	Date	CME Programmes Conducted	Name of the faculty attended
1.	19 Nov 2015	A Guest lecture on Animal Experimentation and Ethics was conducted	Dr. Palle Saibaba
Sl.No	Dates	CME Programmes Attended	Name of the faculty attended
1.	25 Sep 2015	2nd National Pharmacovigilance symposium "Leveraging India's Potential for the Advancement of Global Drugs Safety". organized by Indian Society for Clinical Research at Bangalore	Meenakshi L Bhuvana K
2.	25 Feb 2016	Stem cells and therapy organized by Indian Pharmacological Society (IPS)- Bangalore chapter at BGS Global Institute of Medical Sciences, Bangalore	Sarala N Jayakumar JK

Sl. No	Dates	Conferences Attended	Name of the faculty attended
1.	6 Aug 2015	State conference on "Clinical Research – Amendments and Impacts" organized by Dr. B.R. Ambedkar Medical College, Bangalore in association with IPS Bangalore chapter	Smitha Rai Meenakshi Lella Jayakumar JK Sahana H.V Sowmya C
2.	4- 6 Dec 2015	7th National conference of Indian Society for Rational Pharmacotherapeutics (ISRPTCON) at PGIMER, Chandigarh	Yaseen M Sahana H.V Sowmya C



3.	18-20 Dec 2015	International conference on "Cutting Edge Pharmacology: Contemporary Issue and Future Challenges" and 48th Annual Conference of Indian Pharmacological Society at Saurashtra University, Rajkot, Gujarat, India	Asha B Ganashree C Ashwitha Shruti Dass
4.	12-13 Feb 2016	Annual conference of Southern Regional Indian Pharmacological Society 2016 (SRIPS-2016) "Reassessing Pharmacology in 21st century", held at Belagavi Institute of Medical Sciences, Belagavi	Smitha Rai
5.	27-28 Feb 2016	Medical Education Conference, MECon 2016 at JSS Medical College, Mysuru.	Sarala N Bhuvana K

Sl. I	o Dates	Workshops Conducted	
1.	1 Aug 2015	"Literature Search and Reference Management" at SDUMC, Kolar	Mrs. Vasumathi Sri Ganeshan

Sl. No	Dates	Workshops Attended	Name of the faculty attended
1	11- 15 May 2015	"Ethics and Research" at Yenepoya University, Mangalore	Sowmya C Sahana HV
2	14-15 Jul 2015	"Current Regulatory Requirements for Members of Institutional Ethics Committee" organized by Central Drugs Standard Control Organization (CDSCO) and Bangalore Medical College and Research Institute, Bangalore	Sarala N
3	3- 4 Sep 2015	"Induction Cum Training Programme on Pharmacovigilance and Vigi Flow, National Coordination Centre – Pharmacovigilance Programme of India, Ghaziabad	Sarala N
4	8 Sep 2015	International Conference on Harmonization- Good Clinical practice (ICH – GCP) at JNMC Women's and Children's Health Research Unit, Belagavi	Smitha Rai
5	4 Dec 2015	"Pharmacokinetic and Pharmacodynamics" at 7th National conference of Indian Society for Rational Pharmacotherapeutics (ISRPTCON) 2015 at PGIMER, Chandigarh	Sowmya C Mohammed Yaseen Sahana HV

Sl. No	Date	Papers presented : Oral Presentation	Name of the faculty attended
1.	24-25 Apr 2015	"Breaking bad news in experience among health Professionals" in DEMEDCON organized by SDUAHER, Tamaka, Kolar	Miss. Manpreet Kaur Miss Megha Mohan Sarala N
2.	24-25Apr 2015	"A study of pattern of self-medication among students for dysmenorrhea" in DEMEDCON	Miss. Tasmia Akhtar Miss Suman Bhuvana K



Sl.No	Dates	Papers presented: Poster Presentation	Name of the faculty attended	
1.	6 Aug 2015	"Spiranolactone induced gynaecomastia" a case report at "Clinical Research – Amendments and Impacts" organized by Dr. B.R. Ambedkar Medical College, Bangalore in association with IPS Bangalore chapter	Sahana H.V	
2.	6 Aug 2015	"Phenytoin induced DRESS syndrome" at Clinical Research – Amendments and Impacts" IPS Bangalore chapter	Sowmya C	
3.	4 Dec 2015	"Study of immune response after hepatitis B vaccination among medical students and health care workers" at 7th National conference of Indian Society for Rational Pharmacotherapeutics (ISRPTCON) 2015 at PGIMER, Chandigarh	Sahana HV	
4.	4 Dec 2015	"Adherence to antiepileptic therapy in adults" at ISRPTCON 2015	Sowmya C	
5.	4 Dec 2015	"Treatment of acute ischemic stroke with recombinant tissue plasminogen activator: Practice pattern among neurologists and physicians" at ISRPTCON 2015	Yaseen M	
6.	19 Dec 2015	"Doctor's perception on integrated medicine: A survey" at International conference on "Cutting Edge Pharmacology: Contemporary Issue and Future Challenges" and 48th Annual Conference of Indian Pharmacological Society (IPSCON) at Saurashtra University, Rajkot, Gujarat, India	Asha B	
7.	19 Dec 2015	"Comparative study of efficacy and safety of intramuscular Aceclofenac and Diclofenac in management of postoperative pain in patients" at International conference IPSCON 2015	Ganashree C	
8.	19 Dec 2015	"Comparative study of Vitamin E and Omega 3 fatty acids in type 2 Diabetes mellitus" at International conference IPSCON 2015	Ashwitha Shruti Dass	
9.	12 Feb 2016	"Prescription audit at territory care teaching hospital" Annual conference of Southern Regional Indian Pharmacological Society 2016 (SRIPS-2016) "Reassessing Pharmacology in 21st century", held at Belagavi Institute of Medical Sciences, Belagavi	Smitha Rai	
10.	27 Feb 2016	"Perception of Medical Interns towards the skills acquired" at Medical Education Conference, MECon 2016 at JSS Medical College, Mysuru from	Sarala N	
11.	27 Feb 2016	"Perception and attitude of students regarding part completion test (PCT) at MECon 2016	Bhuvana K	



### **Research Projects (Completed):**

Sl. No	Project No	Title of the research project	Principal investigator & department	
1.	DMC/KLR/ICE-CER/ 18/2016-17	Comparative study of efficacy and safety of intramuscular Aceclofenac and Diclofenac in management of postoperative pain in patients Sarala N, SM Azeem Mohiyuddin	Ganashree P Pharmacology	
2.	DMC/KLR/ICE-CER/ 17/2016-17	Comparative study of Vitamin E and Omega 3 fatty acids in type 2 Diabetes mellitus Sarala N, Venkatarathnamma PN	Ashwitha Shruti Dass Pharmacology	
3.	DMC.KLR/UDOME/ IEC/61/2013-14	Analysis of package inserts of drugs utilized in a tertiary care hospital Sarala N, Bhuvana K	Ashwitha Shruti Dass Pharmacology	
4.	DMC.KLR/UDOME/ IEC/59/2013-14	Critical review of drug promotional literature using WHO guidelines Bhuvana K, Sarala N	Ganashree P Pharmacology	
5.	DMC.KLR/UDOME/ IEC/60/2013-14	Prediabetes awareness and practice among Indian doctors, Across sectional study Ashwitha Shruti Dass, Sarala N	Asha B Pharmacology	
6.	DMC/KLR/UDOME/ IEC/06/2015-16	Study of immune response after hepatitis B vaccination among medical students and health care workers Sarala N, SR Prasad	Sahana HV Pharmacology	
7.	DMC/KLR/UDOME/ IEC/08/2015-16	Adherence to antiepileptic therapy in adults Sarala N, Venkatarathnamma PN	Sowmya C Pharmacology	
8.	DMC/KLR/UDOME/ IEC/10/2015-16	Doctors' perception on integrated medicine: A survey Meenakshi Lella, Sarala N	Asha B Pharmacology	
9.	DMC/KLR/IEC/11/ 2015-16	Treatment of acute ischemic stroke with recombinant tissue plasminogen activator: Practice pattern among neurologists and physicians Sarala N, Asha B, Bhuvana K	Yaseen M Pharmacology	
10.	DMC/KLR/UDOME/ IEC/09/2015-16	Perception and attitude of students regarding part completion test (PCT) Sarala N	Bhuvana K Pharmacology	
11.	DMC/KLR/UDOME/ IEC/60/2014-15	Perception of Medical Interns towards the skills acquiredSarala N, Sowmya C	Meenakshi Lella Pharmacology	
12.	DMC/KLR/MEU/IEC /67/2013-14	A study of pattern of self-medication among students for dysmenorrhea Tasmia Akhtar, Bhuvana K.	Suman Anand Pharmacology	
13.	DMC.KLR/UDOME/ IEC/68/2013-14	Breaking bad news in experience among health ProfessionalsManpreet Kaur, Sarala N	Megha Mohan Pharmacology	



### **Research Projects (On going):**

Sl. No	Project No	Title of the research project	Principal investigator & department
1.	DMC/KLR/UDOME/ IEC/58/2014-15	A study of life style modification with and without metformin in prediabetic subjects Sarala N, Venkatarathnamma PN, Sumathi ME	Asha B Pharmacology
2.	DMC/KLR/ICE-CER/ 138/2016-17	Effect of VKORC1 polymorphism on warfarin dose requirement among patients in tertiary care hospital Bhuvana K	Sahana H.V Pharmacology
3.	DMC/KLR/ICE-CER/ 142/2016-17	Comparative study of efficacy and safety of piroxicam and naproxen in the management of pain in osteoarthritis of knee Sarala N, Arun H	Mohammed Yaseen Pharmacology
4.	DMC/KLR/ICE-CER/ 141/2016-17	A comparative study of efficacy and safety of flupiritine versus piroxicam in postoperative pain in patients undergoing lower limb surgery Sarala N, Arun H	Sowmya C Pharmacology
5.	DMC/KLR/IEC/53/ 2015-16	Perception of Pharmacists Regarding Over the Counter Medication: A SurveyAsha B	Abinaya Ravichandran Pharmacology
6.	DMC/KLR/UDOME/ IEC/103/2015-16	Drug utilization study in geriatric patients of Kolar Bhuvana K	Manasa Veena Pharmacology
7.	DMC/KLR/UDOME/ IEC/102/2015-16	Quality of life in elderly population of Kolar Sarala N	Chinmayee Pharmacology
8.	DMC/KLR/UDOME/ IEC/104/2015-16	Perception and attitude of health care professional about mentally ill patient Jayakumar JK	Saad Khan Pharmacology
9.	DMC/KLR/IEC/178 /2015-16	Myths and misconceptions about epilepsy among the general population of Kolar district Bhuvana K, Sarala N	Silar Khan Pharmacology

### Research projects (New): 01

Sl. No	Project No	Title of the research project	Principal investigator & department
1.	SDUAHER/ Res.Project/118	Comparative study of attenuation of the pain due to Propofol intravenous injection by pretreatment with Ondansetron and lignocaine: an open label randomized study" Sujatha MP, Sarala N	Bhuvana K Pharmacology

# MD/MS Dissertations / Ph.D. thesis (topics given during 2015-16 batch) Not applicable Publications:

Sl. No	Title of the paper	Authors	Journal	Department
1.	Serum creatine phosphokinase as predictor of intermediate syndrome in organophosphorous poisoning	Chetan Kumar G Bhuvana K Venkatarathnamma PN Sarala N	Indian J Crit Care Med.2015;19:384-7	Pharmacology



2.	Prediabetic awareness and practice among Indian doctors. A cross – sectional study	Asha.B Ashwitha S D Sarala. N.	Journal of Clinical and Diagnostic Research. 2015;9:FC01-3	Pharmacology
3.	A questionnaire based study to assess knowledge, attitude and practice of pharmacovigilance among undergraduate medical students in a Tertiary Care Teaching Hospital of South India.	Meher BR Joshua N Asha B Mukherji D	Perspect Clin Res 2015;6:217-21	Pharmacology
4.	Seroprevalence of human immune - deficiency virus infection among tuberculosis patients at tertiary care combined Hospital	Rakesh B Asha B Ravi SL Kiran BR Gadwalkar SR	J Transl Intern Med 2015;3:130-135	Pharmacology
5.	Knowledge of Elderly Patients and their Caregivers in the Management of Selected Health Problems of Elderly.	G Vijayalakshmi Sahana Sarala N	J Clin Biomed Sci 2015;5:64-7	Pharmacology
6.	Impact of Hemodialysis on Lipid Related Ratios in Non-Diabetic Chronic Renal Failure Patients.	Sumathi ME Asha B Mahesh V	Res J Pharm Biol Chem Sci 2016;7: 1398-402	Pharmacology

### **Publications : Accepted for Publication - 5**

Sl. No	Title of the paper	Authors	Journal	Department
1.	Analysis of Package Inserts of Drugs Utilized in a Tertiary Care Hospital	Ashwitha Shruti Dass Narayana Sarala Krishnaswamy Bhuvana	J Young Pharm	Pharmacology
2.	Drug reaction with eosinophilia and systemic symptoms for phenytoin	Chinnaiyan S Krishnaswamy B Narayana S Srinivas RT	Natl J Physiol Pharm Pharmacol	Pharmacology
3.	Critical review of drug promotional literature using WHO guidelines	Ganashree P Bhuvana K Sarala N	Journal of Research in Pharmacy Practice	Pharmacology
4.	Auditory function and quality of life in patients receiving cisplatin chemotherapy in head and neck cancer: A case series follow up study	Balamurali K Sarala N SM Azeem Mohiyuddin Ravi Diwakar	Journal of Cancer Research and Therapeutics	Pharmacology



5.	A case report of phenytoin and carbamazepine Cross reactivity	Bhuvana K Sarala N Venkatarathnamma PN Kumar TN	Asian journal of Pharmaceutical and Clinical Research	Pharmacology
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#### ACHIEVEMENTS/HONORS/AWARDS/FELLOWSHIPS IF ANY DURING THE YEAR

#### a. Faculty

Department of Pharmacology was awarded as BEST DEPARTMENT for the year 2014-15.

#### b. Undergraduate

Miss. Manpreet Kaur (6th term student) under the guidance of Dr. Sarala N, was awarded first prize for oral presentation on "Breaking bad news in experience among health Professionals" in DEMEDCON 2015.



Miss Manpreet Kaur receiving the first prize for oral presentation in DEMEDCON 25-04-2015



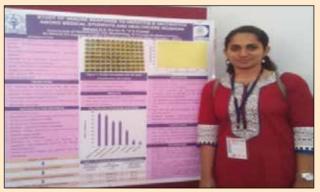
Dr.Sowmya and Dr. Sahana HV attended workshop on "Ethics and Research" from 11-5-2015 to 15-05-2015 at Yenepoya University



Dr.Asha B, Dr.Ganashree P and Dr.Ashwitha SD presented poster at International conference, IPSCON-2015 Rajkot, Gujarat



Dr. Mohammed Yaseenpresented poster at ISRPTCON-2015 from 4-12-2015 to 6-12-2015 at PGIMER, Chandigarh



Dr. Sahana HV presented poster at ISRPTCON-2015 from 4-12-2015 to 6-12-2015 at PGIMER, Chandigarh



#### **DEPARTMENT OF MICROBIOLOGY**

#### **VISION**

Service training and research to mitigate suffering from microbial infections.

#### INTRODUCTION

The Dept of Microbiology at Sri Devaraj Urs Medical College was established in 1988, which caters to the educational needs of under graduate medical students. The MD course was started in 2004. PhD course was introduced in the year 2009. The first Ph.D in microbiology was awarded by SDUAHER in 2015. The Dept also offers training to students pursuing BSc MLT, OT Technology, Nursing, and MSc Molecular biology courses.

In addition to academics, it provides laboratory services to diagnose infectious diseases. The laboratory is equipped with Bact/Alert, Chemiluminescence assay, ELISA, PCR, Immunofluorescence and Lyophilizer. The Dept regularly participates in External Quality Control Scheme (EQAS) offered by Indian Association of Medical Microbiologists and the lab is among the top 8 laboratories in India. The Dept takes an active part in the surveillance of Health-care Associated Infection Control Programme and have brought out a manual on infection control practices and Antibiotic Policy for in house use. As a part of community service, the Dept investigates outbreaks of Gastroenteritis, Dengue, Leptospirosis in Kolar and the surrounding areas.

The Dept pursues research with many publications on Syphilis, Tuberculosis, Antimicrobial resistance, and Ventilator Associated Pneumonia and Pneumococcal infections.

#### THRUST AREAS IDENTIFIED

- · Dengue and Arbovirus infections.
- Tuberculosis
- Viral, bacterial, Parasitic & Rickettsial fevers
- Leptospira infections
- Multi-drug resistant infections
- · Health-care Associated Infections.

#### **TEACHING FACULTY**



**Sitting (L to R):** Mamata K, Dr. SR Prasad, Dr. Beena PM, Dr. Parimala S, and Dr. Anushka D

**Standing (L to R):** Dr. Sagar M, Dr. Anitha D, Dr. Savitha N, Dr. Aysha Yasmeen and Dr. Arvind N

SL No	Name	Designation	
1.	Dr. P.M. Beena	Professor and Head	
2.	Dr. S.R. Prasad	Professor and Director of PG studies	
3.	Dr. Arvind Natarajan	Associate Professor	
4.	Dr. Parimala S	Associate Professor	
5.	Dr. Mamata Kale	Assistant Professor	
6.	Dr. Savitha N	Assistant Professor	
7.	Dr. Anitha D	Assistant Professor	

#### Details of programmes conducted/attended:

Sl.No	Date	CME Programmes Conducted
1	8-29 Jun 2015.	Importance of standard precautions & biomedical waste management to health care workers of RLJH at RLHJ.

Sl.No	Dates	CME Programmes Attended	Name of the faculty attended
1	19 Feb 2016.	CME on Microsafari.; Streaking plate to sequencing at Bangalore Medical College. Bangalore organized by Dept of Microbiology, Bangalore Medical college.	Dr. Parimala, Dr. Mamatha, DrAnitha, DrYasmeen, Dr. Sagar.
2	21 Aug 2015	Dr.SR. Prasad was the speaker in the CME titled post Graduate Lecture Series organized by Raja Rajeshwari Medical college. Bangalore .	Dr.SR. Prasad
3	21 Aug 2015.	CME on "Post graduate lecture series" organized by Dept of Microbiology, Raja Rajeshwari Medical college. Bangalore.	Dr. Mamata, Dr. Savitha. N



4	1 March 2016.	"Tuberculosis with focus on Extrapulmonary TB".MSRMC, Bangalore.	Dr. Yasmeen , Dr. Sagar Mali
5	15 Oct 2015.	Update on virology conducted by BGS Global Institute Medical college, Bangalore .	Dr. Yasmeen

Sl. No	Dates	Conferences Attended	Name of the faculty attended
1	25-29 Nov 2015	National conference of Indian association of Medical microbiologist organized by JIPMER, Pondicherry.	Dr. S R. Prasad, Dr. Arvind N , Dr. Sagar, Dr. Yasmeen
2	20th Feb 2016.	Annual conference of Indian Association of Medical Microbiologist organized by Bangalore Medical college & research Institute with the theme "Vaccine update". Bangalore.	Dr. S R. Prasad, Dr. Beena PM, Dr. Parimala, Dr. Mamatha , Dr. Anushka, Dr.Anitha, Dr. Sagar, Dr. Yasmeen
3.	19-20 Mar 2016.	CAHOCON 2016- 2nd National Conference conducted by NABH at Hotel Lalit Ashok.	Dr P.M.Beena, Dr Savitha.N

Sl. No	Dates	Workshops Attended	Name of the faculty attended
1.	9 Sep 2015.	National workshop on Credit based education system and continuous assessment in Health sciences organized by SDUAHER.	Dr.S R. Prasad, Dr. Arvind, Dr. Parimala, Dr. Mamatha Dr .Savitha. N
2.	5 March 2015	Workshop on writing a scientific article for publication conducted by SDUAHER.	Dr. Beena, Dr. Parimala
3.	25-28 Apr 2016.	NABL training organized by SDUAHER	Dr.Beena, Dr. Arvind, Dr. Parimala, Dr. Mamatha, Dr. Anushka
4	21-23 Apr 2016.	NABH training organized by SDUAHER.	Dr.Beena, Dr. Arvind, Dr .Savitha. N
5	4 Jul 2016.	Workshop on Quality control organized by Bio – Rad organized by Central Diagnostic Laboratory Services	Dr. Arvind, Dr. Parimala, Dr. Anitha, Dr. Mamatha, Dr. Savitha
6	21 May 2016	"3rd National Workshop on parasitology conducted By Kasturba Medical college, Manipal.	Dr. Yasmeen
7	1 Mar 2016	National Science Day work shop at women's degree college Kolar.	Dr.S R. Prasad, Dr.Beena PM, Dr. Arvind, Dr. Mamatha kale Dr. Anitha. D

Sl. No	Dates	Papers Presented : Oral Presentation	Name of the faculty attended
1	20 Feb 2016	"Screening of mother – baby pairs for serological evidence of congenital Toxoplasmosis: problem of false positives". in the Annual Conference of IAMM conducted by Bangalore Medical college. Bangalore.	Dr. Yasmeen
2	20 Feb 2016	Diphtheria: Is there a re-emergence? in the Annual conference of IAMM conducted by Bangalore Medical college. Bangalore.	Dr. Sagar



Sl. No	Dates	Papers Presented : Poster Presentation	Name of the faculty attended
1	20 Feb 2016	Poster presentation cryptogenic liver abscess caused by group F B- haemolytic streptococci: a case report, in the Annual conference of IAMM conducted by Bangalore Medical college. Bangalore.	Dr.Anitha
2	20 Feb 2016	Dr. Parimala presented a poster titled "A fulminant case of community Acquired pneumonia in association with Acinetobacter baumanii in the annual conference of IAMM conducted by Bangalore Medical college.Bangalore.	Dr. Parimala

### **Research Projects (Completed):**

Sl. No	Project No	Title of the research project	Principal investigator & department
1	(SDUAHER/RES PROJ /6/2010-11)	Speciation and antifungal susceptibility of Candidal isolates among patients attending RL Jalappa Hospital and Research Centre.	Dr.Beena PM Microbiology

### **Research Projects (On going):**

Sl. No	Project No	Title of the research project	Principal investigator & department
1.	SDUAHER/RES PRO/ 105/2015-16	Clinical and microbiological profile of acute febrile illness among patients attending a teaching hospital, Kolar	Dr. Arvind Natarajan
2.	SDUAHER/RES PROJ/ 80/2013-14	Dengue virus serotypes in patients hospitalized for dengue fever at RL Jalappa Hospital, Kolar.	Dr. Mamatha

### **Research Projects (New):**

Sl. No	Project No	Title of the research project	Principal investigator & department
1	DMC/KLR/IEC/175/ 2015-16	"Infection burden analysis using linen with and without covalently linked quaternary ammonium salt (QAS) in a tertiary health care center of south India	Dr. Satish Ramachandra Rao Dr.Beena PM Department of Cell Biology and Molecular Genetics & Dept. of Microbiology

### Publications (April 2015 to March 2016): Published

Sl. No	Title of the paper	Authors	Journal	Department
1	Infections by Carbapenemase producing Enterobacteriaceae in a rural tertiary care hospital, Karnataka: Prevalence, Treatment options and Outcome.	Gowda T, Prasad SR, Gupta S, Hiresave S, Beena PM.	International Journal of Health sciences & Research	Microbiology



2	Bacterial contamination of platelet at university hospital: A prospective surveillance study.	Das S, Kale M, Beena PM, Kumar H	International Journal of Current Microbiology& Applied Sciences	Microbiology Pathology
3	Study of the distribution of Malassezia species in patients with Pityriasis versicolor in Kolar region, Karnataka.	Archana BR, Beena PM, Shivakumar V.	Indian Journal of Dermatol	Microbiology
4	Antibacterial activity of Flavonoids extracted from seeds of Pongamia pinnata Linn on Methicillin Resistant Staphylococcus aureus.	Inala MSR, Dayanand CD, Sivaraj N, Beena PM, Kutty AVM	British Microbial Research journal	Microbiology
5	Bacteriological spectrum and antimicrobial resistance pattern in a multidisciplinary intensive care unit.	Sudhamani, Devnikar AV, Sagar M, Beena PM.	National Journal of Laboratory Medicine	Microbiology
6	Nasal carriage of Staphylococcus aureus among interns before and after posting in Department of Surgery at a tertiary care hospital.	Majety P, Huan PS, Syi LS, Murthy SS, Vardhana H, Prasad SR.	Journal of Academy of Clinical Microbiologist	Microbiology
7	Parotid abscess in children – a tertiary rural hospital experience.	Laxmi Narayana M, Azeem Mohiyuddin SM, Kauser M, Devnikar AV, Prasad KNV.	International Journal of Pediatrics & Otorhinolaryngology	Microbiology ENT
8	Detection of extended spectrum beta lactamases.	Rao PNS, Prasad SR.	Indian Journal of Medical Microbiology	Microbiology
9	Profile of blood stream infections in paediatric patients in a rural tertiary care hospital.	Vidhya R, Beena PM.	Journal of clinical & Biomedical sciences	Microbiology
10	Endemic Cholera in Kolar region, 2001-2014: Seasonality, Serotypes and Reversal of resistance to antibiotics among Vibrio cholerae isolates.	K Swetha, Anitha Deva, Beena PM, Prasad SR.	Journal of Communicable Diseases	Microbiology



11	Acute pancreatitis,
	Hepatitis and Bone
	Erosion in Acute
	Erosion in Acute Yellow Phosphorus
	Compound Poisoning
	- A Rare Complication

Prabhakar K, Parimala S, Arun VG, Reddy P, Chandrakala S. Journal of Clinical & Diagnostics Research

Microbiology Medicine



Dr. P M Beena and Dr. S. R Prasad interacting with students of Women Degree college on National Science day



Dr.Mamatha K emphasizing the Contributions of Microbiological laboratory in the identification of Infectious diseases

# DEPARTMENT OF FORENSIC MEDICINE AND TOXICOLOGY

#### **VISION**

- To be recognized for excellence in medico-legal education
- To deliver next generation Forensic Medicine services to the society.

#### INTRODUCTION

Forensic Medicine deals with legal aspects of Medicine. The Dept is actively engaged in undergraduate and postgraduate teaching activities. It is also running a Toxicology Laboratory performing toxicological analysis of various poisons and also drugs for therapeutic purposes. The departmental faculty also undertakes awareness programmes on various medico legal aspects for Doctors, Judges, Police Officials and Scientific Officers besides various other agencies.

#### THRUST AREAS IDENTIFIED

- Analytical Toxicology
- Skeletal remains examination
- Post mortem changes in the dead body
- Substance abuse

#### **TEACHING FACULTY**



Sitting from L to R: Dr Srinivasa Reddy P, Dr Kiran J

**Standing from L to R:** Dr Rajkumar, Dr Ajay Kumar T S, Dr Murali Mohan M C

SL No	Name	Designation	
1.	Dr Kiran J	Professor and HoD	
2.	Dr Srinivasa Reddy P	Professor	
3.	Dr Ajay Kumar T S	Associate Professor	
4.	Dr Murali Mohan M C	Assistant Professor	
5.	Dr Raj kumar M G	Postgraduate /Tutor	

#### Details of programmes conducted/attended:

Sl.No	Date	CME Programmes Conducted	Name of the faculty attended
1	30 Jul 2015	"Current Scenario in Medico-Legal Practice" at Sri Adichunchanagiri Institute of Medical Sciences, Bellur, Karnataka	Dr Kiran J Dr Ajay Kumar T S Dr Murali Mohan M C



Sl. No	Dates	Conferences Attended	Name of the faculty attended
1	9 -11 Oct 2015	12th Annual Conference of South India Medico Legal Association (SIMLA) organized by Goa Medical College, Bambolim, Goa.	Dr Murali Mohan M C Dr Raj Kumar M G
2	3- 5 Dec 2015	23rd Annual State Conference FORENSICON 2015 organized by Sri Raja Rajeshwari Medical College, Bengaluru	Dr Kiran J Dr Ajay Kumar T S Dr Raj Kumar M G

Sl. No	Dates	Papers Presented : Oral Presentation	Name of the faculty attended
1	9 - 11 Oct 2015	"Death due to wild animal attack- a case report" in 12th Annual Conference of South India Medico-Legal Association (SIMLA) organized by Goa Medical College, Bambolim, Goa	Dr Murali Mohan M C
2	9 - 11 Oct 2015	"Post-mortem diagnosis of Protein-Energy Malnutrition: A difficult task in Forensic Medicine" in 12th Annual Conference of South India Medico-Legal Association (SIMLA) organized by Goa Medical College, Bambolim, Goa	Dr Raj Kumar M G
3	3 - 5 Dec 2015	"Analysis of 50 Autopsies of Sudden death in Kolar" in 23rd Annual State Conference FORENSICON 2015 organized by Sri Raja Rajeshwari Medical College, Bengaluru	Dr Kiran J
4	3 - 5 Dec 2015	"Retrospective Autopsy based study of pattern of Thoraco-abdominal injuries in fatal road traffic accidents in Kolar" in 23rd Annual State Conference FORENSICON 2015 organized by Sri Raja Rajeshwari Medical College, Bengaluru	Dr Raj Kumar M G

### Research Projects (On going):

Sl. No	Ethical Clearance/ Project No	Title of the Research Project	Principal investigator
1	SDUAHER/Res.proj . 63/2012-13	"Sex determination from fragmentary remains of proximal and distal end of femur"	Dr Umesh Babu R
2	SDUAHER/Res.proj . 33/2012-13	"Prevalence of occult thyroid pathology at autopsy"	Dr Umesh Babu R
3	SDUAHER/Res.proj. 96/2013-14	"Correlation of cardiac blood pH changes with time since death"	Dr Kiran J
4	SDUAHER/Res.proj. 62/2014-15	"A Medico-legal profile of animal bites and stings in Kolar district, India: 2009-2015"	Dr Ajay Kumar T S

### Publications (April 2015 to March 2016): Published

Sl. No	Title of the paper	Authors	Journal	Department
1	Suspected Virginity which proved Fatal : A Case Report	Dr Ajay Kumar T Dr S, Kiran J	Medico-Legal Update, Vol-16, No 1, Jan-Jun 2016	Forensic Medicine and Toxicology



2	Pattern of Medico- legal Cases at KLES'S Dr Prabhakar Kore Hospital and MRC, Belgaum- A Cross Sectional Study	DrAjay Kumar T DrS, Prasanna S DrJirli, Manjula DrBai K H, Kiran J	Medico-Legal Update, Vol-16, No 1, Jan-Jun 2016	Forensic Medicine and Toxicology
3	Sex Determination Through Mastoid Process among South Indian Skulls by Heron's Formula	DrAjay Kumar T DrS, Sanikop M DrB, Kumaraswamy R, DrKiran J	Indian Journal of Forensic Medicine & Toxicology Vol-10, No, Jan-Jun 2016	Forensic Medicine and Toxicology



**Mock Court** students to get hands on experience on court proceedings

### **DEPARTMENT OF COMMUNITY MEDICINE**

#### **VISION**

 To be in the forefront of professional education, service and research in community medicine and related disciplines in the country

#### INTRODUCTION

The Dept of community medicine is functioning since the inception of Sri Devaraj Urs Medical college with an aim of preparing primary health care physicians who are able to provide comprehensive health care services to the community. Since 2007 it is functioning as a university Dept under Sri Devaraj Urs academy of higher education and research, Kolar. As a university Dept it admits postgraduate students for the preparation of specialists in the field of community medicine. Apart from the class room facilities and public health laboratory facilities for teaching and training of students, the Dept also runs an urban health centre at Kolar town and a rural health centre at Devarayasamudra village in Mulbagal taluk of Kolar district. Undergraduate students, interns and postgraduates are posted to these centres to observe and practice community medicine under the supervision of the faculty and field staff. The Dept also provides medical services to the communities of Kolar and neighboring Chikaballapur districts through outreach clinics and general and specialty health camps. The department networks extensively with the district health administration and its health centres, panchayats, non-governmental organizations, trusts, individuals and groups in organizing these services. The faculty, postgraduates and the field staff are involved in the delivery of and monitoring and evaluation activities of national health programmes in the district. In order to create awareness on health and disease in the community the department conducts programmes to educate the public with community involvement. Conducting national and international health days and events in the community is undertaken to achieve the objective of educating the people in health.

### THRUST AREAS IDENTIFIED

- Diabetes
- Cancer screening and prevention
- Prevention of tobacco habits
- Occupation and Health- Ex-miners, Beedi workers
- Fluorosis
- Vector Borne Diseases- Malaria
- Maternal and child health



## **TEACHING FACULTY**



Sitting (L to R): Dr.Latha K, Dr. Ananta Bhattacharyya, Dr.Prasanna Kamath B.T, Dr.B.G.Ranganath (HOD), Dr.Muninarayana C, Dr. Deepa L.N,

**Standing (L to R):** Ananth V, Nagarajappa H, Dr.Mahesh V, Dr.Naresh Kumar S.J, Mr. Ravishankar S, Mr. Shiva Kumar

SL No	Name	Designation
1	Dr.B.G.Ranganath	Professor & Head
2	Dr.C.Muninarayana	Professor

3	Dr.Prasanna Kamath.B.T	Professor
4	Dr. Deepa.L.N	Associate Professor
5	Dr.Mahesh.V	Assistant Professor
6	Dr.Naresh Kumar.S.J	Assistant Professor
7	Dr.Ananta Bhattacharya	Assistant Professor
8	Dr.Latha K	Assistant Professor
9	Mr.Ravishankar.S	Assistant Professor (Bio Statistics)
12	Dr.Varsha. R Mokhasi	Tutor
13	Dr.Harish.S	Tutor
14	Dr.Vishwas.S	Tutor
16	Dr.Swathi.H.J	Tutor
17	Dr. Krishnamurthy.S	MSW
18	Dr. Nagaraj G.M.	MSW
18	Mr. Akshay Kumar.N	MSW
19	Mr. Shiva Kumar.S.R	MSW
20	Ms. Mamatha.B.N	MSW

## **Details of programmes conducted/attended:**

Sl.No	Date	CME Programmes Conducted	
1	14 Mar 2016	CME on 'Adolescent Health – Prevention of Tobacco use'. SDUMC, Tamaka, Kolar	

Sl.No	Dates	CME/Workshop Attended	Name of the faculty attended
1	21-25 Jan 2015	Intensive interactive training programme at MDRF, Chennai	Dr.B.G.Ranganath & Dr.Mahesh.V
2	21- 23 Jan 2015	Regional workshop (South zone task force -2) on RNTCP at Hyderabad	Dr.Prasanna Kamath
3	20-21 Jun 2015	Evidence based protocol for early development diagnosis of development disabilities - seeing the wood beyond the tress at Spastic Society of Karnataka Bangalore	Dr.Latha
4	23-27 Nov 2015	Health Research Methodology and Evidence Based Medicine at St Johns Research Institute, Bangalore	Dr.Mahesh V
5	21 Mar 2015	Revised MET and ATCOM at St John's, Bangalore	Dr Muninarayana C

Sl.No	Dates	Conferences Attended	Name of the faculty attended
1	30-31 Oct 2015	27th State Annual Conference of Karnataka Association of Community Health (KACHCON2015) at Yenapoya Medical college, Mangalore.	Dr Deepa L.N
2	13-15 Nov 2015	Sixth International Seminar of Regional Network on Poverty Eradication at Tirupathi.	Dr Mahesh V



3	24 -27 Nov 2015	International Conference on Gender Equity Social Issues and health challenges in today's context at Mysore.	Dr Muninarayana.C
4	14-15 Dec 2015	International conference on Mathematical Computer Engineering at VIT, Chennai	Mr Ravishankar S

Sl.No	Date	Workshops Conducted	
1	10-11 Sept 2015	Hands on training in SPSS, by Department of Community Medicine on, SDUMC, Kolar	

Sl.No	Dates	Workshops Attended	Name of the faculty attended
1.	1 Aug 2015	Literature search & Reference management, department of Pharmacology, on, SDUMC, Tamaka, Kolar	Dr Deepa L.N, Dr Latha K
2.	26 Aug 2015	Best practices on writing competitive research proposal for grants, organized by Department of Physiology at SDUMC, Kolar	Dr Mahesh V
3.	9 Sep 2015	National Workshop on Credit based education system and continuous assessment in Health Sciences, conducted by SDUAHER, Kolar on.	Mr Ravishankar S
4.	18 -19 Sep 2015	Research Methodology Workshop, R&D, SDUMC, Kolar	Dr Muninarayana.C, Dr Mahesh V, Dr Ananta Bhattacharyya, Mr Ravishankar S
5.	16 Oct 2015	3rd MBBS Research methodology Workshop, SDUMC, Kolar	Dr Mahesh V, Dr Latha K
6.	23 - 27 Nov 2015	International Workshop on Health research methods and evidence based medicine, at St John's Medical College, Bangalore	Dr Mahesh V
7.	2 Dec 2015	Undergraduate research methodology, Oxford Medical College, Bangalore	Dr Mahesh V
8.	10th Dec 2015	IPV introduction and NID 2016, at Malur, RG resorts conducted by District Health and Family Welfare.	Dr Muninarayana.C, Dr Latha K, Dr Naresh Kumar S
9.	8 -13 Feb 2016	74th National Course on educational course for teachers of health professionals at JIPMER, Pondicherry.	Dr Ananta Bhattacharyya
10.	2 Mar 2016	Research Methodology Workshop – Oxford Dental College, Bangalore	Dr Mahesh V
11.	5 Mar 2016	Writing a scientific article for publication conducted by SDUAHER, Kolar	Dr Prasanna Kamath, Dr Ananta Bhattacharyya
12.	22 -24 Mar 2016	Revised basic course workshop in Medical education, St Johns Medical College, Bangalore	Dr Muninarayana.C
13.	26 Mar 2016	Sensitization program on ATCOM model, at St Johns Medical College, Bangalore	Dr Muninarayana.C



Sl. No	Dates	Papers presented	Name of the faculty attended
1	14-15 Dec 2015	'Descriptive Cross sectional study of Prevalence of anemia among pregnant women in rural population'. International conference on Mathematical Computer Engineering. VIT, Chennai.	Mr Ravishankar S
2	13-15 Nov 2015	Role of Poverty eradication in improving Quality of life among elderly in rural areas of India at Sixth International Seminar of Regional Network on Poverty Eradication at Tirupathi.	Dr Mahesh V
3	30- 31 Oct 2015	Assessment of Awareness & Practice of Foot care and Physical activity among people with Type 2 DM attending Tertiary Care Teaching Hospital Presented at KACHCON 2015 at Yenapoya Medical College, Mangalore	Dr Deepa LN

## **Research Projects (Completed):**

Sl. No	Project No.	Title of the Research Project	Principal investigator & department
1	SDUAHER/ Res. Proposal/ 47/2010 -11	Prospective study of effects of anemia in pregnancy in rural Kolar	Mr.Ravishankar, Community Medicine
2	ICMR STS 2015 - 03289	Assessment of Awareness & Practice of Foot care and Physical activity among people with Type 2 DM attending Tertiary Care Teaching Hospital	Student: Pallavi Murty Guide: Dr Deepa LN

## Research Projects (On going):

Sl. No	Project No.	Title of the Research Project	Principal investigator & department
1	SDUAHER/ Res. Proposal/ 3/2013-14	A Study of Prevalence and risk factors of DM in Mining area of Kolar Gold Fields	Dr. Mahesh V, Community Medicine
2	DMC/KLR/IEC- CER/43/15-16	Randomized trial of effect of micronutrient fortified biscuit on immunity status among school children in rural Kolar	Dr. Muninarayana.C, Community Medicine
3	SDUAHER/ Res. Proposal/ 12/2014-15	Utilization of community based Cancer cervix screening services through community participation	Dr. B G Ranganath, Community Medicine
4	DMC/KLR/IEC- CER/95/15-16	A comparative cross sectional study of menstrual hygiene among adolescent girls in rural and urban schools, Kolar	Dr Mahesh V Community Medicine
5	DMC/KLR/IEC- CER/43/15-16	Sex Ratio at birth and its relation with birth order and other selected correlates in a rural population of south India	Dr Ananta Bhattacharya Community Medicine
6	ICMR STS 2016-03726	Knowledge about iron rich foods and its consumption pattern among adolescent girls in an urban slum of Kolar	Student: Mohan H D Guide: Dr Latha K



7	ICMR STS 2016-04279	A Cross sectional study to assess the awareness of toxic metals in coloring agents used in preparation of sweets among shopkeepers and consumers	Student: Santhosh R Guide: Mr Ravishankar S
8	ICMR STS 2016-04738	Musculoskeletal problems and quality of life among quarry workers in Rural areas of Southern Karnataka	Student: Venkata Siva Kusetty Guide: Dr Mahesh V
9	ICMR STS 2016-04826	A study of relationship between obesity and intraocular pressure among adolescent students in a backward area of south India	Student: Siddharth V Guide: Dr Ananta Bhattacharyya
10	DMC/KLR/IEC/ 147/15-16	Correlation of Fasting insulin in Hypertensive and non-hypertensive patients of type 2 DM.	Student: Talari Leona Guide: Dr Prasanna Kamath
11	DMC/KLR/IEC/ 36/15-16	Quality of Life assessment among cancer patients undergoing treatment in rural tertiary care centre	Student: Pooja Guide: Dr Mahesh V
12	DMC/KLR/IEC/ 112/2015-16	Awareness and practice regarding adverse events following immunization among health care professionals in PHC settings	Student: Sudhershan Guide: Dr.Naresh Kumar

## $\mbox{MD/MS}$ Dissertations / Ph.D. thesis :

Sl. No	Name of the student	Guide	Topic
1	Dr Vishwas S	Dr. B.G.Ranganath, Professor of Community Medicine	Dr. Karthiyanee Kutty, Professor of Physiology Health status of Ex-miners of Kolar gold fields

## **Publications:**

Sl. No	Title of the paper	Authors	Journal	Department
1	Prevalence of anemia in pregnant women in rural population of Kolar district	Ravishankar S, Anil NS, Muninarayana.C, Prathima Shivaji Rao, Sheela SR	International Journal of Medical Science and Public Health (2016)Volume 3(5)	Community Medicine
2	Epidemiological investigation and containment measures of a dengue fever outbreak in an institutional set up in South India.	Bhattacharyya Ananta.	Int J Med Sci Public Health. (2016), Volume 5(5)	Community Medicine
3	Yoga for promotion of health: conference held on international day of yoga-21st June 2015 at SDUMC, Kolar.	Bhattacharyya A, Patil NJ, Muninarayana C.	Journal of Ayurveda and Integrative Medicine. 2015;6 (4): 305-06.	Community Medicine
4	Metabolic syndrome among elderly care- home residents in southern India: a cross sectional study. WHO South-East Asia	Sinha N, Bhattacharya A, Deshmukh PR, Panja TK, Yasmin S, Arlappa N.	J Public Health 2016; 5(1):62-69	Community Medicine



5	Attributes of metabolic syndrome in geriatric institutional residents in Secunderabad, India.	Bhattacharyya A, Sinha N.	Int J Res Med Sci. (2016),Volume 4(2)N	Community Medicine
6	Jatropha Curcas Poisoning- A Case Report.	Bhattacharyya Ananta, Bhattacharyya Aparajita, Abdur Rahman.	International Journal of Scientific Research. (2015); 4(5): 3-4.	Community Medicine
7	Acute encephalitis syndrome in India: Japanese encephalitis, polluted water and malnutrition (Editorial)	Ranganath BG	J Clin Biomed Sci 2015;5(2):52-53.	Community Medicine
8	Japanese Encephalitis /Acute Encephalitis Syndrome: Prevention and Control Strategies in India (Review article)	Ranganath BG	J Clin Biomed Sci 2015;5(3):98-106.	Community Medicine

### ACHIEVEMENTS / HONORS / AWARDS / FELLOWSHIPS

#### a. Faculty:

Dr. Latha K, Asst. Professor, awarded DNB in Community Medicine by NBE, N-Delhi.

### b. Postgraduates:

Dr. Ananyalakshmi, postgraduate, awarded gold medal in Community Medicine in the annual convocation of SDUAHER, Kolar in March 2016.

## **DEPARTMENT OF MEDICINE**

## **VISION**

• To improve the health of the community through high quality education, research and clinical care.

#### **INTRODUCTION**

The Dept had its humble beginnings in the year 1988 with MBBS course for 150 students and P.G. course in the subject was started in the Year 1996, and at present has a total of 8 PG seats and also participates in the courses offered by other departments such as Renal Dialysis technology course and Nursing Courses. The Dept is adequately staffed and is proud to have largest number of publications amongst clinical departments of SDUAHER in various journals of good repute and have been awarded at carious platforms both nationally and internationally. We have a large number of ongoing projects. We conduct regular CME's and Guest lectures and are humbled to be the host of dignitaries who

are directors of National institutes such as NIMHANS and IEA and those who have been honoured with the Padma Vibhushan. The Sub-Speciality clinics held every day, the Dept of cardiology and diabetology, the strength of MICU in tackling medical emergencies and epidemics, the participation of the Dept in various outreach programs such as camps and mega camps makes us stand taller.

#### **THRUST AREAS**

- Diabetes Mellitus
- Tuberculosis
- Stroke-National Stroke Register
- · Genomics-Rare disorders
- Geriatric medicine
- Metabolic syndrome.
- Tropical medicine with special interest in atypical manifestation of Malaria, Dengue, Leptospira and others.



## **TEACHING FACULTY**



Sitting (L to R) - Dr.Raghavendhara Prasad Dr. Raveesha.A Dr. Lakashmaiah .V Dr.Prabhakar.K Dr. Venkatarathnamma.P.N Dr.Srinivasa S.V

**Standing - 1st Row** Dr.Swetha Dr.Meena Dr.Vaishnavi Dr.MadaviReddy Dr.YugandarReddy Dr.Vishwanatha Reddy Dr.PrasannaKumar Dr.Harish Kumar Dr.Jagmohan Dr.Niveditha .S

**Standing - 2nd Row** Dr.Harsitha.G Dr.Spoorthi Dr.Vennela Dr.Monica Sai Dr.Reddy Prasad Dr. Uphar Dr.Arun Dr.Likitesh Dr.Harish Dr.Suhas

**Standing - 3rd Row** Dr. Sandeep Reddy Dr.Rakesh Dr.Sridhar Dr. Shabari Dr.Chandan Reddy Dr.Rahul Mr.Chandrappa

SL No	Name	Designation
1	Dr. K.Prabhakar	Professor & HoD
2	Dr. V.Lakshmaiah	Professor
3	Dr. B.N.Raghavendra Prasad	Professor
4	Dr.P.N. Venkatarathnamma	Professor
5	Dr. Raveesha A.	Professor
6	Dr. Vidya Sagar C.R.	Assoc. Professor
7	Dr. Srinivasa S.V.	Assoc. Professor
8	Dr. Harish Kumar S.	Assoc. Professor
9	Dr.K.V.S.Reddy	Assoc. Professor
10	Dr. Reddy Prasad K.	Asst. Professor
11	Dr.Prasanna Kumar N.	Asst. Professor
12	Dr.Niveditha S.	Asst. Professor
13	Dr.Vishwanatha Reddy N.	Asst. Professor
14	Dr Anitha A	Asst. Professor
15	Dr. Reethesh. R.P	Asst. Professor
16	Dr.Yugandar Reddy	Sr. Resident
17	Dr AV Ramdas	Sr. Resident
18	Dr.Mahaboob Pasha	Sr. Resident
19	Dr.Bhaskar	Sr. Resident
20	Dr.Tanveer Ulla Khan	Sr. Resident

## **Details of programmes conducted/attended:**

Sl.No	Date	CME/Guest lectures conducted	Name of the faculty attended
1	6 Jun 2015	Recent advances in Epilepsy. SDUMC, Kolar	Dr. HV Srinivas Dr. Gnana Muthu Dr. Chandrashekhar MN
2	23 Jul 2015	Nature science.SDUMC, Kolar	Dr Tolstoy
3	4 Sep 2015	Recent advances in Diabetes management. SDUMC, Kolar	Dr Prasanna Kumar
4	18 Sep 2015	Outlook on lymphoma.SDUMC, Kolar	Dr Sampath M
5	18 Oct 2015	HIV/AIDS and Viral Hepatitis.SDUMC, Kolar	
6	8 Mar 2015	GUT UPDATE.SDUMC, Kolar	Dr Umesh Jalihal Dr Adarsh CK
7	22 Mar 2016	TUBERCULOSIS UPDATESDUMC, Kolar	Dr Alladi Mohan

## Conferences/ Workshops conducted during the year: NIL

Sl. No	Dates	Papers Presented : Oral Presentation	Name of the faculty attended
1	12-14 Jun 2015	Relation between ABO blood groups and Myocardial infarction (KAPICON 2015)	Dr Spoorthi
2	12-14 Jun 2015	Study of risk factors in stroke in young (KAPICON 2015)	Dr Sudhir L



Sl. No	Dates	Posters Presented	Name of the faculty attended
1	12-14 Jun 2015	Crytococcal meningitis in a immunocompetent patient (KAPICON 2015- Bijapur)	Dr. Likitesh
2	12-14 Jun 2015	Delayed OP encephalopathy (KAPICON 2015)	Dr. Spoorthi
3	12-14 Jun 2015	Rare case of Microscopic polyangitis (KAPICON 2015)	Dr. Harshitha
4	12-14 Jun 2015	Neurotoxic envenomation of snake bite mimicing brain death: Locked in Syndrome (KAPICON 2015)	Dr. Harish
5	12-14 Jun 2015	Hashimotos encephalopathy- a case report (KAPICON 2015)	Dr. Surya
6	12-14 Jun 2015	A rare case of multiple NCC and mutiple tuberculoma with tubercular spondilitis (KAPICON 2015)	Dr. Arun vasireddy
7	28-31 Jan 2016	Rare case of Anton Babinski Syndrome (APICON 2016- Hyderabad)	Dr. Thanuj
8	28-31 Jan 2016	Rare case of Kounis syndrome (APICON 2016)	Dr. Rakesh
9	28-31 Jan 2016	Case of Pleural mesothelioma (APICON 2016)	Dr. Vennela
10	28-31 Jan 2016	Phenytoin induced DRESS syndrome (APICON 2016)	Dr. Likitesh
11	28-31 Jan 2016	Usual case of attempted suicide by hanging (APICON 2016)	Dr. Spoorthi
12	28-31 Jan 2016	Rare case of Dike davidoff masson syndrome (APICON 2016)	Dr. Harsitha
13	28-31 Jan 2016	Clinical spectrum of suspected and proved H1N1 cases in tertiary care hospital (APICON 2016)	Dr. Harish
14	28-31 Jan 2016	Aplasia of lung (APICON 2016)	Dr. Spandana
15	26 Mar 2016	ANVESHAN 2016 (Kalady Kerala)Relation of serum vitamin D levels with insulin resistance	Dr. Arun Vasireddy

## **Research Projects (Completed):**

Sl. No	Project No.	Title of the Research Project	Principal investigator
1		Blood lactate levels as a prognostic marker in sepsis.	Rahul V
2		Study of risk factors, clinical features and outcome of sepsis in elderly	Arun VG
3		Clinical and etiological profile of acute febrile illness with thrombocytopenia.	Sabari Girish
4		Study prognosis of atrioventricular conduction blocks versus intraventricular conduction blocks in acute myocardial infraction.	Sri Chandan Reddy
5		Comparison of severity scoring system in community acquired pneumonia	Uphar Gupta
6		Study of gamma glutamyl transferace as a marker in metabolic syndrome	Vaishnavi Alam



7	Carotid intimal media thickness in rheumatoid arthritis as a marker of atherosclerosis in rural population of Kolar district.	Sridhar Srinivasan
8	Stress hyperglycaemia as prognostic marker in acute ischemic stroke	Sandeep Reddy

## Research Projects (Ongoing:):

Sl. No	Project No.	Title of the Research Project	Principal investigator
1		Prognostic value of red blood cell distribution width in patient with chronic kidney disease	Arun Vasireddy, BN Raghvendra Prasad
2		Assessment of asymptomatic bacteriuria in type 2diabetes mellitus female in a tertiary care hospital.	Sudhir L, Lakshmaiah V
3		A clinical study of treatment outcome in complicated snakebite patients treated with ASV as per Indian standard protocol.	Harish BV, Raveesha A
4		Carotid artery intimal media thickness and ankle brachial index as predictor for atherosclerosis in pre-diabetic patients aged between 18-50years in tertiary care hospital, Kolar, Karnataka.	Surya Prasad, Vidyasagar CR
5		A comparative study of association of extended lipid profile with microvascular complication in type 2 diabetes mellitus.	Likitesh, Prabhakar K
6		Hyponatremia in acute neurological disorders among adults in a tertiary care hospital cross sectional study	Harshitha, Lakshmaiah V
7		Cognitive dysfunction in elderly diabetic and association with duration of diabetic and glycaemic control in tertiary care centre, Kolar.	Spandana P Reddy, PN Venkatarathnamma
8		Study of clinical profile and differentiating systolic and diastolic heart failure by echocardiography.	Spoorthi V, Raghvendra Prasad
9		Association of Vitamin D levels with insulin sensitivity	Arun Vasireddy, BN Raghvendra Prasad
10		Assessment of asymptomatic bacteriuria in Type 2 DM.	Sudhir L, Lakshmaiah V
11		Extra pulmonary Manifestation in COPD	Sudhir L
12		Study of clinical spectrum and mortality predictors of ARDS	Surya Prasad
13		Study of clinical spectrum and outcome in suspected and proved H1N1 cases in tertiary care centre	Harish BV



14	HsCRP in diabetic nephropathy patients	Prabhakar K, Likitesh
15	Mean Platelet volume in ACS	Likitesh
16	Study of hyponatremia among hospitalized elderly patients	Harshitha
17	Association between subclinical hypothyroidism and diabetic retinopathy in type 2 DM	B.N.Raghavendra Prasad, Spoorthi
18	Neutrophil Lymphocyte ratio and blood glucose regulation in Patients with type 2 Diabetes.	Rakesh G
19	Neck circumference as independent predictor to metabolic syndrome	Prabhakar K
20	Hypocalcemia as a marker of bleeding manifestations in febrile thrombocytopenia.	Thanuj Reddy
21	The neutrophil lymphocyte ratio in patients with community acquired pneumonia.	Vennala D
22	Quality of life in elderly diabetes with mild cognitive impairment.	Suhas S Aithal
23	Glycosylated HB is a reliable predictor of LV diastolic dysfunction in newly diagnosed type 2 DM.	Srinivas SV, Swetha
24	Effect of hemodialysis on P wave in CKD patients.	Swetha MSN
25	Early detection of cardiotoxicity in OP Poisoning	Raveesha A
26	Correlation of severity of dengue fever with transaminase levels	Abhishek Verma
27	Correlation between microalbuminuria & HbA1c in patients with T2DM	Dr Viswanatha Reddy
28	Correlation between serum fasting insulin level & CVS manifestation in T2DM	Dr Prabhakar
29	Correlation between serum uric acid level with EGFR in T2DM patients	Dr Srinivas SV
30	Effect of yoga on Type 2 diabetes mellitus	Dr Venkatarathnamma

## MD/MS Dissertations/ Ph.D. thesis (topics given during 2015-16 batch) :

Sl. No	Name of the student	Guide	Topic
1	Dr Rakesh	Dr Harish	Study of Mean Platelet volume in patients with type 2 diabetes mellitus and its correlation with microvascular complications
2	Dr Thanuj	Dr Lakshmaiah	Serum albumin as a prognostic marker in critically ill patients admitted to medical ICU
3	Dr Vennela	Dr Prabhakar	Plasma Homocysteine Levels in Type 2 Diabetes mellitus and Its correlation with Micro vascular Complications



4	Dr Meena	Dr P.N.Venkatarathnamma	Association of thyroid profile in acute coronary syndrome
5	Dr Suhas S Aithal	Dr Vidyasagar	Pleural fluid to serum pseudo cholinesterase ratio and its correlation with clinical profile and lights criteria.
6	Dr Swetha	Dr Srinivas SV	Study of effect of dehydration on early neurological deterioration in acute ischemic stroke
7	Dr Abhishek	Dr Raveesha	Estimation and comparison of eGFR using serum cystatin C and serum creatinine for detection of early nephropathy in type 2 diabetes mellitus
8	Dr Monica	Dr B.N.Raghavendra Prasad	Hyperamylasemia as an indicator of severity and predictor of respiratory failure in OP Poisoning

## **Publications:**

Sl. No	Title of the paper	Authors	Journal	Department
1	Stress hyperglycemia as a prognostic marker in acute ischaemic stroke	Raghavendra Prasad B N, Sandeep Reddy A, Prabhakar K, Thejdeep R, Surya Teja N	European Journal of Pharmaceutical and Medical Research (EJPMR)	Medicine
2	Study on carotid intimal thickness in rheumatoid arthritis patients as marker of atherosclerosis in rural population of kolar district.	Prabhakar K, Sridhar Sreenivasan, Reddy Prasad K., Vidyasagar R, Prajeet	EJPMR	Medicine
З	Comparision of validity of severity scoring system in community accquired pneumonia	Vidyasagar Cr, Uphar Gupta, Prabhakar K, Raghavendra Prasad Bn, Lakshmaiah V	Journal of evolution of research in general medicine	Medicine
4	Study of etiology of ckd in tertiary care center	Vaishnavi Alam, B.N. Raghavendra Prasad, Vidyasagar Cr, Uphar Gupta	EJPMR	Medicine
5	Blood lactate levels as a prognostic marker in sepsis.	Raveesha A, Rahul V, Prabhakar K, Lakshmaiah V, Raghavendra Prasad Bn, Reddy Prasad K	EJPMR	Medicine
6	Study of risk factor clinical features and outcome of sepsis in elderly	Arun V.G , Venkatarathnamma P.N , Prabhakar K., Reddy Prasad	EJPMR	Medicine
7	Study of prognosis of atrioventricular blocks versus intraventricular blocks in acute myocardial infarction	N Srichandan, Raghvendra Prasad, Prabhakar K, Reddy Prasad.	Jemds	Medicine
8	Acute pancreatitis and bone erosion in acute yellow phosphorus poisonings	Prabhakar K, Parimala Subramani, Arun Vg, Reddy Prasad, Srinivasa Sv.	Journal of clinical & diagnostic research	Medicine



9	Gamma glutamyl	Vaishnavi Alam,	EJPMR	Medicine
	transferase as a marker in metabloic syndrome	Lakshmaiah V, Prabhakar K, Harish Kumar, Reddy Prasad	Бугин	Predictife
10	Validation of smart-cop in predicting the need for irvs in community acquired pneumonia patients	U Gupta, Prabhakar K, Cr Vidyasagar, V Lakshmaiah, Rbn Prasad	Journal of Evolution of Medical and Dental Sciences	Medicine
11	Correlation of blood uric acid with urinary albumin creatinine ratio in hypertension and diabetic nephropathy	Kn Shashidhar, U Munilakshmi, K Prabhavathi, M Reddy, V Lakshmaiah	Apollo medicine	Biochemistry
12	Correlation between fasting insulin and blood pressure in obese and non obese middle aged indian diabetic adults.	Raja Reddy, V Lakshmaiah, Karthiyainee Kutty, Madhavi Reddy M.	Indian journal of applied research	Physiology
13	Association of serum uric acid with anthropometric, hba1c and lipid profile in diabetic retinopathy.	Munilakshmi U., Prabhavathi K., Shashidhar K. N., Madhavi Reddy, Lakshmaiah V	International Journal of Current Research and Review (IJCRR) 2015; 7(4): 20-26	Biochemistry
14	Expediency of markers for early detection of acute kidney injury sequelae to type 2 diabetes mellitus.	Munilakshmi U, Shashidhar Kn, Muninarayana C, Madhavi Reddy, Lakshmaiah V.	Asian j pharm clin res	Biochemistry
15	Correlative study of in-hospital clinical outcomes with n terminal pro b type natriuretic peptide and glycated hemoglobin in acute myocardial infarction.	B Sunil Abhishek, B N Raghavendra Prasad	International medical journal	Medicine
16	Association of serum gamma glutamyl transferase with lipid abnormalities in end stage renal disease	R Sowmi, Me Sumathi, Kn Shashidhar, Bn Raghvendra Prasad	Apollo medicine	Biochemistry
17	Cutaneous manifestations in patients undergoing haemodialysis for end stage renal disease.	Gupta Uphar, Raghvendra Prasad, Vidyasagar Cr, Vaishnavi Lam, Harish B	Jemds.	Medicine



18	Bone-marrow spectrum in a tertiary care hospital: clinical indications, peripheral smear correlation and diagnostic value.	Priya Thiyagarajan, TuRuvekere Narayanarao Suresh, Raveesha Anjanappa, Malligere Lingaiah Harendra Kumar Med	J dy patil univ	Pathology
19	Adherence of antiepileptoic therapy in adults.	Sowmya C, Sarala N, Venkatarathnamma Pn.	Journal of basic and clinical pharmacy	Pharmacology
20	Study on cardiovascular risk factors among tertiary hospital employees.	Raja Reddy P, Raveesha A, Madhavi Reddy M, Anil Ns, Prasanna Kamath Bt	Journal of medical science and clinical research	Physiology

## ACHIEVEMENTS/ HONOUR / AWARDS/ FELLOWSHIPS IF ANY DURING THE YEAR:

#### **Postgraduates:**

• Best Paper award Karnataka Association of Physicians India(KAPICON) 2016: Dr Rakesh G.

### DEPARTMENT OF ANAESTHESIOLOGY

### **VISION**

 To be a department of excellence through imparting quality training in anaesthesilogy, offering optimal anaesthesia care for surgical patients including critical care and pain relief and conducting research in the related areas.

## INTRODUCTION

The Dept was established in April, 1988 under the able guidance of Dr. M.H. Chandrappa, MD, DA (London). It was upgraded in 1989 with one Professor, two Associate Professors, two lecturers and two tutors. Hospital complex was started in 1995 with major & minor operation theatres and a multi-specialty ICU consisting of 10 beds. Presently it is headed by Dr. Dinesh. K.

In 1997, Post Graduate courses were started with two M. D and four D.A candidates. The 13th and 25th Silver Jubilee State level Anaesthesia Conference & CME was hosted by the Dept during September 1997 and August 2010 respectively.

Dr. Dinesh K, HoD and Dr. Ravi M, Professor have obtained certification as BLS & ACLS instructors from St. Johns Medical College, Bangalore. The Dept has been conducting CPCR workshops for interns, post graduates, pre & para medical personnel round the year. Apart from catering to the anaesthesia services in OT, the Dept is offering pain & palliative care to postoperative and terminally ill patients at pain clinic.



Major OT



**CPCR Workshop** 

## THRUST AREAS IDENTIFIED

- Evaluating various additives used for regional blocks.
- Pain and palliative care.
- Management of Organophosphorus and Organochlorine poisoning cases.



## **TEACHING FACULTY**



Sitting (L to R): Dr. Kiran N, Dr. Anand T Talikoti, Dr. Dinesh K, Dr. Ravi M, Dr. Rajanna K

## Standing (L to R):-

**1st Row:** Dr. Naga Seshu, Dr. Sowmya N, Dr. Supriya T C, Dr. Threja C K, Dr. Vishnuvardhan V Dr. Sujatha M P, Dr. Neha Nupoor, Dr. Nikhila R

**2nd Row:** Dr. Bhavana B G, Dr. Nikila D G, Dr. Priyanka Das, Dr. Swati Sujeer, Dr. Kavya, Dr. Mallika Ganesh, Dr. Anusha Raj

**3rd Row:** Dr. Kiran Kumar Reddy, Dr. Bon Sebastian, Dr. Nitin R, Dr. Abhishek K M, Mr. Manjunath, Mr. Raghavendhra Rao

SL No	Name	Designation
1.	Dr. Dinesh .K	HoD
2.	Dr. Ravi M	Professor

3.	Dr. Anand T. Talikoti	Professor	
4.	Dr. Rajanna K	Associate Professor	
5.	Dr. Suresh Kumar N	Associate Professor	
6.	Dr. Kiran N	Assistant Professor	
7.	Dr. Sujatha. M. P.	Assistant Professor	
8.	Dr. Threja C K	Assistant Professor	
9.	Dr. Vishnuvardhan V	Assistant Professor	
10.	Dr. Abhishek	Jr. Resident/ Tutor	
11.	Dr. Naga Seshu	Jr. Resident/ Tutor	
12.	Dr. Sowmya	Jr. Resident/ Tutor	
13.	Dr. Swati Sujeer	Jr. Resident/ Tutor	
14.	Dr. Kavya	Jr. Resident/ Tutor	
15.	Dr. Priyanka Das	Jr. Resident/ Tutor	
16.	Dr. Kiran	Jr. Resident/ Tutor	
17.	Dr. Mallika Ganesh	Jr. Resident/ Tutor	
18.	Dr. Nikila D G	Jr. Resident/ Tutor	
19.	Dr. Bhavana	Jr. Resident/ Tutor	
20.	Dr. Sushma Bandreddy	Jr. Resident/ Tutor	
21.	Dr. Lakshmi K Swamy	Jr. Resident/ Tutor	
22.	Dr. Abhinaya Manem	Jr. Resident/ Tutor	
23.	Dr. Apoorva D	Jr. Resident/ Tutor	
24.	Dr. Abhay Kumar Rana	Jr. Resident/ Tutor	
25.	Dr. Mahalakshmi Tulasigere	Jr. Resident/ Tutor	
26.	Dr. Sridhar Manchala	Jr. Resident/ Tutor	
20.	Di. Si lullat Malicilala	Ji. Resident/ Tutor	

## Details of programmes conducted/attended:

Sl.No	Date	Conferences Conducted	Name of the faculty attended
1	8-9 Aug 2015	State level PG Excel – conducted by ISA Mangalore chapter at Mangalore	Dr. Dinesh. K, HoD Dr. Ravi. M, Professor
2	13-14 Feb 2016	State level PG Excel – conducted by ISA Mysore chapter at Mysore	Dr. Dinesh. K, HoD Dr. Ravi. M, Professor

Sl.No	Date	Conferences Attended	Name of the faculty attended
1	6- 9 Aug 2015	South Zone Anaesthesia Conference –conducted by ISA Trivandrum Branch at Trivandrum, Kerala	Dr. Sujatha. M P Assistant Professor

Sl.No	Date	Workshops Conducted	Name of the Faculty Concerned
1	16 May 2015	CPCR workshops were conducted for house	Team of Anaesthesia Faculty.
	20 Jun 2015	surgeons, Post graduates & para-medics at	
	01 Aug 2015	Centre for Clinical Skills and Simulations.	
	21 Nov 2015		
	02 Jan 2016		
	06 Feb 2016		
	26 Mar 2016		



2	16 Dec 2015	Double lumen tube workshop for post graduates at Centre for Clinical Skills and Simulations.	Dr. Ravi. M, Professor Dr. Vishnuvardhan.V Assistant Professor
3	19 Jan 2016	Workshop on Central Venous Cannulation, Arterial Cannulation for post graduates at Centre for Clinical Skills and Simulations.	Dr. Dinesh K, HoD Dr. Ravi. M, Professor

Sl. No	Dates	Papers Presented : Oral Presentation	Name of the Faculty Concerned
1	6- 9 Aug 2015	Presented a paper on "Anaesthesia & ICU	Dr. Sujatha M P
		Management of a case of peripartum	Assistant Professor
		cardiomyopathy in failure" at South Zone	
		Anaesthesia Conference -conducted by	
		ISA Trivandrum Branch, Kerala.	

## **Research Projects (Completed):**

Sl. No	Project No.	Title of the Research Project	Principal investigator
1	SDUU/Res/Proj/31/ 2009-10	Comparison of Inj. Lignocaine (preservative free) 1.5 mg/kg with oral Pregabalin 150 mg for attenuation of intubation response to laryngoscopy and tracheal intubation.	Dr. Anand T Talikoti Dr. Dinesh K
2		Comparative efficacy of acupuncture at p6 point with 0.2 ml 50% Dextrose and Inj. Ondansetron 50 micrograms/kg IV for preventing postoperative nausea and vomiting.	Dr. Ravi M Dr.Girish Babu N
3	SDUU/Res. Proj. 154/ 2016-17	Optimizing the dose of preemptive oral Pregabalin for postoperative pain control after abdominal hysterectomy under spinal anaesthesia	Dr. Anand T Talikoti Dr. Dinesh K
4	SDUU/Res. Proj. 28/ 2009-10	Supraclavicular brachial plexus block with 0.75% Ropivacaine and with additives Tramadol, Fentanyl: a comparative pilot study	Ravi M Krishna Kumar B R
5	SDUU/Res. Proj. 35/ 2009-10	A comparative study of Ketorolac with Lornoxicam as pre:emptive analgesics in patients who were undergoing elective abdominal surgery under general anaesthesia	Girish Babu N Girish M B
6	SDUU/Res. Proj. 72/ 2012-13	Compare and evaluate the efficacy of Fascia Iliaca Compartment Block (FICB) for patient positioning and post-operative analgesia for fracture femur patients	Suresh Kumar N Kiran N



## **Research Projects:**

Sl. No	Project No.	Title of the Research Project	Principal investigator & department
1		A study of Pseudocholinesterase activity and genetic analysis among different communities in Kolar district (Karnataka, India).	Dr. Anand T Talikoti, Professor Dr. Suresh Kumar N, Associate Professor, Dr. Dinesh K , HoD, Dept. of Anaesthesiology Dr. Mahesh V, Asst. Prof, Dept. of Community Medicine Dr. Sharath B, Asst. Professor Dept. of Cell Biology and Molecular Genetics
2	89/2016-17	Comparison of pain on injection with lidocaine pretreatment and serum triglyceride levels with Propofol Long Chain Triglyceride (LCT) versus Propofol Medium Chain Triglyceride (MCT)/LCT after short term anaesthesia in adult patients.	Dr. Threja. C.K, Assistant Professor Dr. Vishnuvardhan. V, Assistant Professor Dr. Ravi .M, Professor, Dr. Dinesh K, HoD Dept. of Anaesthesiology

## MD/MS Dissertations / Ph.D. thesis (topics given during 2015-16 batch) :

Sl. No	Name of the student	Guide	Topic
1	Dr. Mallika Ganesh	Dr. Dinesh K HoD	A comparative study of Dexmedetomidine and Clonidine as an adjuvant to intrathecal Bupivacaine in lower abdominal surgeries
2	Dr. Bhavana B G	Dr. Ravi M Professor	Post-operative analgesic efficacy of intrathecal Fentanyl versus Nalbuphine added to Bupivacaine in spinal anaesthesia for lower abdominal surgeries.
3	Dr. Nikila D G	Dr. Anand T Talikoti Professor	Comparative study of Fascia Iliaca Compartment Block (FICB) with Bupivacaine and Bupivacaine with Dexmedetomidine for positioning and duration of post-operative analgesia in fracture femur under spinal anaesthesia

## **Publications:**

Sl. No	Title of the paper	Authors	Journal	Department
1	Incidental hypoglycemia with suspected high spinal in a case for emergency caesarian	Shahid M, Ravi M, Archana R	JCDR 2015;9(1):1-2	Anaesthesia
2	A comparative study of oral Pregabalin and Clonidine for attenuation of hemodynamic responses to laryngoscopy and tracheal intubation.	Archana R, Dinesh K, Ravi M, Anand T T, Somasekharam P	J Clin Biomed Sci 2015; 5(1): 25-29	Anaesthesia



3	A safe alternative in neurofibromatosis for lower limb surgeries: combined Femoral and Sciatic nerve block.	Shahid M Bon Sebastian	JCDR 2015: 9(5): 3-4	Anaesthesia
4	Anaesthesia for a case of Rheumatic heart disease with prosthetic valve and deranged coagulation profile posted for emergency craniotomy.	Kiran N, Ravi M Dinesh K, Anand T T	WPR. 2015:4(5): 1712-1714	Anaesthesia
5	Congenital diaphragmatic hernia: anaesthetic management.	Shahid M, Sharath K, Ravi M, Manjunath B, Dinesh K, Dr. Rajanna K	WJPR 2015:4(5): 1883-1888	Anaesthesia
6	Intravenous paracetamol as an adjunctive analgesic in post-operative pain management after total abdominal hysterectomy.	Ananya N, Dinesh K, Ravi M, Somasekharam P	IOSR -JDMS. 2015; 14(4):110-117	Anaesthesia
7	Intravenous paracetamol as an adjunctive analgesic in post-operative pain management after total abdominal hysterectomy.	Sujatha M P, Nataraj M S, Kailasnath S, Ravi M	IOSR-JDMS. 2015;14 (4): 88-92	Anaesthesia
8	Placebo controlled comparative study of efficacy of Diclofenac and Ketoprofen transdermal patches in attenuating intravenous cannulation plain.	Archana R, Krishna Kumar B R, Ravi M, Dinesh K	IOSR-JDMS. 2015; 14(3): 111-114	Anaesthesia
9	A comparative study of intrathecal Dexmedetomidine 10mcg and Fentanyl as adjuvants to 0.5% hyperbaric Bupivacaine in spinal anaesthesia with a control group.	Harish B G, Somasekharam P, Ravi M, Dinesh K	IOSR-JDMS. 2015;14 (3):108-115	Anaesthesia
10	Comparison of Dexmedetomidine and Clonidine as adjuvant to Ropivacaine in Supraclavicular brachial plexus nerve blocks.	Don Sebastian, Ravi M, Dinesh K, Somasekharam P	IOSR-JDMS. 2015; 14(3); 91-97	Anaesthesia



11	A Comparative study of Phenylephrine, Ephedrine and Mephentermine for maintainance of arterial pressure during spinal anaesthesia in caesarean section.	Sushree Das, Somasekharam P, Ravi M, Dinesh K	IOSR-JDMS. 2015; 14(1);80-85	Anaesthesia
12	A comparative study of Ondansetron with Dexamethasone and Granisetron with Dexamethasone for prevention of post-operative nausea and vomiting following abdominal surgeries under general anaesthesia.	Rakesh Bendre, Dinesh K, Somasekharam P, Ravi M	WJPPS. 2015; 4(3):605-620	Anaesthesia
13	Anesthetic management of a patient with ischemic heart disease posted for open reduction internal fixation of the upper limb.	Rajendra N, Ravi M	Karnataka Anaesth J 2015;1(2):69-71	Anaesthesia
14	Anaesthetic management of Ludwig's angina with comorbidities	Sujatha MP, Ravi M, Amrutha K S, Nupoor N	Indian J Anaesth 2015; 59:679-81	Anaesthesia
15	Pre-treatment with different concentrations of Lignocaine for alleviation of pain with Propofol Injection	Ravi M, Sujatha M P, Dinesh K, Supriya T C, Nitin R R	AJMR2015;1(7):17-20.	Anaesthesia
16	Effect of intravenous Dexmedetomidine on prolongation of Intrathecal spinal anaesthesia with 0.5% hyberbaric Bupivacaine	Nikhila R, Nachiketha Rao K, Ravi M, Dinesh K	IOSR-JDMS 2015; 14(11):58-64.	Anaesthesia
17	A comparative study of epidural Ropivacaine 0.75% alone with Ropivacaine plus Fentanyl and Ropivacaine plus Clonidine for lower abdominal and lower limb surgeries.	Sindhu B S, Dinesh K, Ravi M Somasekharam P	IOSR-JDMS 2015; 14(12):19-26.	Anaesthesia



### **ACHIEVEMENTS / HONORS / AWARDS / FELLOWSHIPS**

#### a. Faculty:

• Dr. Dinesh K and Dr. Ravi M were certified as BLS and ACLS Instructors by American Heart Association (AHA) at a workshop conducted at St John's Medical College and Hospital, Bangalore in December 2015.

#### b. Postgraduates:

- Dr. Harish B G was awarded Gold Medal in MD Anaesthesia examination conducted by SDUAHER in 2015-16
- Dr. Priyanka K J was awarded Gold Medal in Diploma Anaesthesia examination conducted by SDUAHER in 2015-16.

# DEPARTMENT OF DERMATOLOGY, VENEREOLOGY & LEPROSY

#### **VISION**

To become a Centre of excellence in clinical dermatology, research and training for the region.

#### INTRODUCTION

The Dept of Dermatology was started in the year 1988. Post graduate course in MD Dermatology was started in the year 1998 with one admission per year and subsequently in the year 2010 admissions were increased to two MDs and one Diploma per annum. The Dept of Dermatology is presently headed by Dr. Rajashekar. T. S. The Dept renders specialized care in cutaneous diseases to the rural population of Kolar and surrounding districts. Dept is also actively engaged in both undergraduate and postgraduate teaching and pursuing research and publication activities. The Dept has subspeciality clinics viz. STD, Leprosy, Contact dermatitis and Pigmentary clinics and has procured equipments for various dermatosurgical and cosmetic care procedures.

# The department offers the following speciality services:

- Sexually transmitted disease clinic
- · Leprosy clinic
- Pigmentary disorder clinic with Photo-therapy facility
- Contact dermatitis clinic
- Minor OT facilities for procedures like skin biopsy, cautery, chemical peeling and other skin Surgeries (Vitiligo surgery, acne surgery)

#### THRUST AREAS IDENTIFIED

- Contact dermatitis
- Pigmentary disorders
- · Cutaneous lesions over diaper area
- Seborrheic keratoses
- · Genetics of Psoriasis and Vitiligo

## **TEACHING FACULTY**



**Sitting from L to R:** Dr. Sathish. S, Dr.Rajashekar T.S, Dr. Suresh Kumar K

**Standing from L to R**: Dr Shruthi Madhavi.G, Dr Priya Prem, Dr Neel.B.Patel, Dr Niva.T.Muni, Dr Amulya Ramamurthy, Dr Jameema. Cornelli Peter

SL No	Name	Designation
1	Dr. Rajashekar T.S	Professor & HoD
2	Dr. Sathish S	Assistant Professor
3	Dr. Suresh Kumar K	Senior Resident/ Lecturer
4	Dr Soumya Soragavi	Junior resident
5	Dr Keerthi.C	Junior resident
6	Dr Niva.T.Muni	Junior resident
7	Dr Jameema.Cornelli Pete	rJunior resident
8	Dr Amulya Ramamurthy	Junior resident
9	Dr Shruthi Madhavi.G	Junior resident
10	Dr Priya Prem	Junior resident
11	Dr Neel.B.Patel	Junior resident



## **Details of programmes attended:**

Sl.No	Date	CME programmes Attended	Name of the faculty attended
1	9 May 2016	CME on 'LASERS and PRP' held at Kempegowda Institute of Medical Sciences, Bangalore	Dr. Sathish. S
2	1 Aug 2015	CME on 'HANSEN'S DISEASE AND ITS CHALLENGES IN THE 21st CENTURY' held at Father Muller Medical College, Mangalore	Dr. Amulya Ramamurthy Dr. Niva T Muni
3	2 Aug 2015	CME on 'DERMABASICS 2015' held at Father Muller Medical College, Mangalore	Dr. Amulya Ramamurthy Dr. Niva T Muni
4	9 Jan 2016	CME on 'AN UPDATE ON LEPROSY' held at Vydehi Institute of Medical Sciences & Research Centre	Dr. Soumya Soragavi Dr. Bindushree Dr. Jameema Corneli Peter Dr. Amulya Ramamurthy Dr. Niva T Muni

Sl.No	Date	Conferences Attended	Name of the faculty attended
1	22-23 Aug 2015	'Cosmetology conference conducted by CDSI' at Mumbai	Dr. Soumya Soragavi
2	30 Oct-01 Nov 2015	'Dermazone South 2015, 19th conference of IADVL SOUTH ZONE' held at Guntur, Andhra Pradesh	Dr. Bindushree Dr. Keerthi. C
3	28 -29 Nov 2015	'CUTICON-KN 2015, 6th Annual conference of IADVL, Karnataka' held at Davanagere	Dr. Rajashekar. T. S Dr. Sathish. S Dr. Bindushree Dr. Champa R
4	21-24 Jan 2016	'DERMACON 2016, 44th National Conference of Indian Association of Dermatologists, Venereologists & Leprologists (IADVL)' held at CODISSIA, Coimbatore	Dr. Sathish. S Dr. Bindushree Dr. Keerthi. C Dr. Soumya Soragavi

Sl.No	Date	Workshops Attended	Name of the faculty attended
1	20-21 Aug 2015	'Pre Congress workshop on Fillers' held at Mumbai	Dr. Soumya Soragavi
2	6 Dec 2015	'DERMOSCOPY BASICS WORKSHOP' at St. John's Medical College, Bangalore	Dr. Amulya Ramamurthy Dr. Jameema Corneli Peter

Sl.No	Date	Papers presented : Oral Presentation	Name of the faculty attended
1	30 Sept - 01 Nov 2015	Presented Award paper titled 'A clinical study of Diaper area dermatoses in children' at Dermazone South 2015 19th conference of IADVL SOUTH ZONE held at Guntur, Andhra Pradesh	Dr. Bindushree
2	30 Sept - 01 Nov 2015	Presented Free paper titled 'Comordities in alopecia areata- a clinical study' at Dermazone South 2015 19th conference of IADVL SOUTH ZONE held at Guntur, Andra Pradesh,	Dr. Champa R



3	21 Jan 2016	Presented paper titled 'Clinicoepidemiological study of Melasma in men' at DERMACON 2016, 44th National Conference of Indian Association of Dermatologists, Venereologists & Leprologists (IADVL) held at CODISSIA, Coimbatore, at	Dr. Keerthi C
		Tamil Nadu Medical College, Chennai.	

Sl.No	Date	Papers Presented : Poster Presentation	Name of the faculty attended
1	30 Sept - 01 Nov 2015	Presented poster titled 'A rare case of tuberousxanthomas associated with type IIa hyperlipoproteinemia' at Dermazone South 2015 19th conference of IADVL SOUTH ZONE held at Guntur, Andhra Pradesh	Dr. Keerthi C
2	21-24 Jan 2016	Presented poster titled 'A post-operative case of carcinoma erysipeloides from ductal carcinoma of breast' at DERMACON 2016, 44th National Conference of Indian Association of Dermatologists, Venereologists & Leprologists (IADVL) held at CODISSIA, Coimbatore	Dr. Sathish. S
3	21-24 Jan 2016	Presented poster titled 'a linear basal cell carcinoma at an unusual site' at DERMACON 2016, 44th National Conference of Indian Association of Dermatologists, Venereologists & Leprologists (IADVL) held at CODISSIA, Coimbatore	Dr. Bindushree
4	28-29 Nov 2015	Presented poster titled 'A case of focal acral hyperkeratosis' at CUTICON-KN 2015, 6th Annual conference of IADVL, Karnataka held at Davanagere	Dr .Soumya Soragavi
5	21-24 Jan 2016	Presented poster titled 'A clinicoepidemiological study of varous dermatoses in adolescent girls' at DERMACON 2016, 44th National Conference of Indian Association of Dermatologists, Venereologists & Leprologists (IADVL) held at CODISSIA, Coimbatore	Dr .Soumya Soragavi

## **Research Projects (Completed):**

Sl. No	Project No.	Title of the Research Project	Principal investigator & department
1	SDUAHER/Res/Proj/ 97/2014-15	Evaluation of polymorphism in TNF $\alpha$ & CARD 14 genes in psoriasis.	Mrs. Deepa Rajesh Genome lab along with Dept of Dermatology
2		A clinical study of Diaper area dermatoses in children	Dr. Bindushree
3		Comordities in alopecia areata- a clinical study	Dr .Champa R



## **Research Projects (On going):**

Sl. No	Project No.	Title of the Research Project	Principal investigator & department
1	46/2014-15	Evaluation of association between cytokine gene single nucleotide polymorphisms and vitiligo.	Mrs. Deepa Rajesh Genome lab along with Dept of Dermatology
2		A clinicoepidemiological study of various dermatoses in adolescent girls	Dr. Soumya Dept of Dermatology
3		A clinicoepidemiological study of melasma in men	Dr.Keerthi C Dept of Dermatology
4		A clinicoepidemiological study of hair loss in children	Dr. Amulya Ramamurthy Dept of Dermatology
5		Oral mucosal lesions in elderly population – Aclinicoepidemiological study	Dr.Jameema Corneli Peter Dept of Dermatology

## Research projects (New):

Sl. No	Project No.	Title of the Research Project	Principal investigator & department
1	SDUAHER/Res. Project/ 119	Comparison of intralesional BCG and PPD in the treatment of multiple warts.	Dr. Rajashekar T.S, Dr. Sathish. S Dr.Suresh Kumar Dr. Amulya Ramamurthy

## MD/MS Dissertations / Ph.D. thesis (topics given during 2015-16 batch):

Sl. No	Name of the student	Guide	Co-guide (if any)	Topic
1	Dr Amulya Ramamurthy	Dr Rajashekar T S	Dr Prasad.K.N.V	A clinicoepidemiological study of hair loss in children
2	Dr Jameema Corneli Peter	Dr Rajashekar T S	Dr Azeem Mohiyudeen	Oral mucosal lesions in elderly population – Aclinicoepidemiological study

## Publications (April 2015 to March 2016): Published

Sl. No	Title of the paper	Authors	Journal	Department
1	A postoperative case of carcinoma erysipeloides arising from ductal carcinoma of the breast	<ul> <li>Shankar Sathish,</li> <li>Talari Srinivas Rajashekar,</li> <li>Bittanakurike Narasappa Raghavendra,</li> <li>Gurumurthy Rajesh</li> </ul>	Indian dermatology online journal	Dept of Dermatology

## ACHIEVEMENTS / HONORS / AWARDS / FELLOWSHIPS IF ANY DURING THE YEAR

#### a. Faculty:

- 1. Dr. Rajashekar. T. S was awarded a certificate of appreciation for being the judge for the award paper session at CUTICON-KN 2015, 6th Annual conference of IADVL, Karnataka held at Davanagere on 28th& 29th November 2015.
- 2. Dr. Sathish S cleared D.N.B in Dermatology, Venereology & Leprosy conducted by National board of examinations in the year 2015 December session.



## **DEPARTMENT OF RADIO-DIAGNOSIS**

#### **VISION**

To be one of the premier academic Radiology programs in India.

#### INTRODUCTION

Dept of Radio-diagnosis caters to the need of the patients of R.L.Jalappa hospital round the clock. Dept is well equipped with all the modalities including CT, MRI and Mammography. Dept offers services in various medical camps to cater to the needs of rural population. The Dept is actively involved in training of Undergraduate and Postgraduate medical students with MCI recognized Post-graduate degree and diploma courses. Dept also offers BSc course in imaging Technology under SDUAHER.

All the faculty and residents are actively involved in academic activities and attend State/National conferences and CME programmes to keep abreast of the latest developments in the field of radiodiagnosis. Faculty and residents are involved in research and regularly publish in various national and international journals of repute. The department is exploring the possibilities of starting PhD programmes.

The Dept has a well curated museum containing worked up and interesting cases of various systems and a demostration room containing exhibits. Seminar room is equipped with audiovisual units. Departmental library consists of text books and reference books. Internet facilities are available in the department.

### THRUST AREAS IDENTIFIED

- Musculoskeletal Imaging
- · Imaging in oncology
- · Neuro and spinal imaging
- · Imaging in trauma
- Foetal Medicine
- Radiation protection
- Cross sectional body imaging

#### TEACHING FACULTY



Sitting row (L to R): Dr. Naveen G. Naik, Dr. Aswathnarayan, Dr. Rache Gowda N, Dr. V.Pattabhiraman, Dr. Purnima Hegde, Dr. Anilkumar Sakalecha, Dr. Nabakumar Singh, Dr. Vinay K K.

Standing first row (L to R) Dr. Anil Kumar T R, Dr. Ramya Chandra, Dr. Vaishnavi, Dr. Sahiti Reddy, Dr. Keerti, Dr. Sivateja, Dr. Anusha, Dr. Gowthami, Dr. Ambuj.

SL No	Name	Designation
1.	Dr. Purnima Hegde	Professor & HOD
2.	Dr. RacheGowda N	Professor
3.	Dr. Anilkumar Sakalecha	Professor
4.	Dr. A. Nabakumar Singh	Assoc. Professor
5.	Dr. Naveen G. Naik	Asst. Professor
6.	Dr. Kuku Mariam Suresh	Asst. Professor
7.	Dr. Vinay K K	Sr. Resident
8.	Dr. Krishna C	Consultant Radiologist
9.	Dr. Aswathnarayana Swamy	Sr. Resident
10.	Dr. Anilkumar T.R.	Sr. Resident

## Details of programmes conducted / attended:

Sl.No	Date	CME programmes Conducted
1	19 Aug 2015	CME on Emergency Radiology
2	8 Nov 2015	World Roentgen day

Sl.No	Date	CME programmes Attended	Name of the faculty attended
1.	25-27 Dec 2015	CME on "Diamond Jubilee Celebration Dec-2015" Held on, BMC & RI, Bangalore	Dr. Purnima Hegde
2.	23 May 2015	Annual CME – 2015IMA CME programme held on at Mysore	Dr. Rache Gowda N



Sl.No	Date	CME programmes Attended	Name of the faculty attended
1	12-13 Mar 2016	32nd Annual conference of IRIA Karnataka State chapter: at M.S. Ramaiah Medical College, Bangalore.	Dr. Purnima Hegde Dr. Rache Gowda N Dr. Anil Kumar Sakalecha Dr. Naveen G. Naik
2	14-15 Nov 2015	Third National conference of the "Breast Imaging Society of India" held on at SDUMC.	Dr. Purnima Hegde

Sl.No	Date	Workshops Attended	Name of the faculty attended
1	5 Mar 2016	Workshop on "Writing a Scientific article for Publication" SDUAHER	Dr. Rache Gowda N Dr. A. Nabakumar Singh
2	18-19 Sep 2016	6th "Research Methodology" Workshop Research& Development section, SDUAHER.	Dr. A. Nabakumar Singh Dr. Naveen G. Naik

## **Research Projects (On going):**

Sl. No	Project No.	Title of the Research Project	Principal investigator & department
1	90/2013-14	Pattern of traumatic brain injury and its sequelae in patients utilizing services at Medical College Hospital in Kolar	Departments of Community Medicine, Emergency Services and Radio-diagnosis are involved. Dr. Purnima Hegde (Radio-diagnosis)
	57/2012	An epidemiological study of Fluorosis in Kolar and impact assessment of interventions	Dr. B.G. Ranganath Dr. Muninarayana .C Dr. Purnima Hegde Dr. Arun H.S
2	03/2015-16	Study on role of helmets on extent of head injury – A computed tomography study.	Dr. Shivaprasad G S Dr. Purnima Hegde
3	02/2015-16	Sonographic assessment of renal size in children	Dr. Anusha B Dr. Purnima Hegde

## MD/MS Dissertations / Ph.D. thesis (topics given during 2015-16 batch):

Sl. No	Name of the student	Guide	Co-guide (if any)	Topic
1	Dr. Keerthi	Dr. Ahanthem. Nabakumar Singh	-	Role of Magnetic Resonance Spectroscopy in the Evaluation of Intracranial space occupying lesions diagnosed by conventional Magnetic Resonance Imaging
2	Dr. Ramya Chandra Bandaru	Dr. Rache Gowda N		Efficiency of Ultrasonography and Computed Tomography in differentiating transudate from exudate in patients with pleural effusion



3	Dr. Ravindra Naik	Dr. Anil Kumar Sakalecha	-	Evaluation of traumatic spine by magnetic resonance imaging (MRI) and its correlation with neurological outcome
4	Dr. Gowthami	Dr. Purnima Hegde	Dr. Ramesh Babu . H. Javali. MS	Computed Tomographic Evaluation of Cervical Spine in Patients with Traumatic Brain Injury

## **Publications: Published**

Sl. No	Title of the paper	Authors	Journal	Department
1	A rare presentation of bilateral papilledema in a patient with cerebral arteriovenous malformation.	Donthi Krishnamurthy Narendra P Datti K Kanthamani Purnima Hegde	J Clin Biomed Sci (June 2015)	Radiology
2	A rare benign tumor and an associated malignancy: case report of ovarian fibroma with minor sex cord elements and uterine endometrioid adenocarcinoma.	G. Shilpa E. Gomathy M. L. Harendra Kumar Anil Kumar Sakalecha	J Obstet Gynaecol India (Sept 2015)	Radiology
3	Role of magnetic resonance venogram, diffusion and susceptibility weighted imaging in diagnosis of cerebral venous thrombosis	Ambuj Shrivastav Anil kumar Sakalecha Purnima Hegde	Int J Res Med Sci (2016)	Radiology

## ACHIEVEMENTS / HONORS / AWARDS / FELLOWSHIPS IF ANY DURING THE YEAR

#### a. Faculty:

Dr. Rache Gowda N, was conferred with the Honor of 'Vaidya Rathna' Award by Dr. K.S. Rangappa, Hon'ble Vice Chancellor of Mysore University, on behalf of Mysore Clinical Society (R), on 01 Jul 2015, World Doctors Day.

## **DEPARTMENT OF RADIOTHERAPHY**

#### **VISION**

- To evolve into a center of excellence for the treatment and research in cancer.
- To promote and evolve the practice of multidisciplinary practice through joint clinical consultaions
- To introduce and practice advanced radiotherapy techniques and advanced chemotherapy in synchrony with the present and future developments.

### **INTRODUCTION**

Dept of Radiotherapy and Oncology working in conjunction with other departments is involved in care and treatment of cancer patients.

During the year 2015-16:181 cancer patients were treated with External beam Radiotherapy on Telecobalt machine. Treatment on telecobalt machine has been upgraded from 2 Dimension technique to 2.5 Dimension technique(Virtual simulation). In 2.5 D technique CT scans are used for treatment planning instead of X-rays hence individualization of treatments is possible leading to reduced side effects and accurate treatment delivery.In-house fabrication of treatment accessories such as shoulder retractor and Acrylic



box for blood irradiation. Department offers nearly all types of Brachytherapy services to cancer patients. 49 patients underwent Brachytherapy treatment for various types of malignancies namely cancer of cervix, cancer of esophagus, head and neck tumors and soft tissue sarcomas. 230 patients received chemotherapy for various indications. Most routine and advanced chemo therapies are being administered in our hospital now. Blood irradiation procedure was introduced in the department and two patients have been provided with Irradiated blood for safe transfusion. Follow up services have been strengthened with nearly 400 patient visits in OPD for follow up services after treatment. Palliative and rehabilitation services for the needy patients. Hospital based Cancer Registry has been started and we are contributing information collected from our cancer patients in to National and state wise cancer statistics being compiled by ICMR.

## THRUST AREAS IDENTIFIED

• To upgrade the radiotherapy facility available at present in the department from 2.5-Dimensional treatments to 3-Dimensional treatments by acquisition of Linear accelerator equipped with IMRT & IGRT facility.

- Establishment and following standard operating procedures (SOP) in the Dept of Radiotherapy.
- Research into mitigation of side effects of cancer treatment especially Head and Neck cancer patients.
- Promotion of Screening services for early detection of commonly reported viz. cancers.
   Most important being cancer cervix, cancer breast & oral cavity tumors.

#### TEACHING FACULTY



SL No	Name of consultant	Designation	Specialization
1	Dr. Gopinath KS	Professor	Surgical Oncology
2	Dr. Santosh D	Assistant Professor	Radiation Oncology
3	Dr. Sampath kumar	Visiting Consultant	Medical Oncology
4	Dr. Manjunath GN	Assistant Professor	Radiation Oncology

## Details of programmes attended:

Sl.No	CME programmes attended	Name of the faculty attended
1.	Amrita Head and neck specialties meet. 5 & 6 Feb 2016	Dr Manjunath GN
2.	Head and neck surgery 4,5 &6 March 2016	Dr Manjunath GN Dr Santosh D Dr Sampath Kumar Dr Gopinath
3.	Infertility: Recent diagnostics and research trends	Dr Manjunath GN (As speaker)
4.	CME & Update	Dr Santosh
5.	Oncology Update : Basaveshwara Medical college and Research centre	Dr Santosh

Sl.No	Conferences Attended	Name of the faculty attended
1	American society of clinical Oncology	Dr Sampath Kumar
2	European society of Medical oncology	Dr Sampath Kumar



Sl.No	Workshops Attended	Name of the faculty attended
1.	Cadaveric Brachytherapy Hands on workshop on Head and neck and Gyaenological workshop at MS Ramaiah Medical College, Bangalore	Dr Manjunath GN

## ACHIEVEMENTS / HONORS / AWARDS / FELLOWSHIPS IF ANY DURING THE YEAR

### a. Faculty:

Dr Manjunath GN: IMRT/IGRT fellowship from Tata medical centre, Mumbai.

## **DEPARTMENT OF GENERAL SURGERY**

#### **VISION**

 Our vision is to excel in the field of teaching, learning, research and innovative clinical practices in General Surgery.

### INTRODUCTION

Dept of General Surgery was started in the year 1988 under the guidance of Dr.T.D.Srinivasan. Initially started with 250 beds, it has grown tremendously for past few years with the bed strength of 1050 at present.

The Dept is well equipped with adequate staff, faculty and equipment and is capable of handling all types of procedures.

## The services offered are Specialities like

- 1. Urology.
- 2. Neurosurgery

- 3. Oncology
- 4. Radiotherapy
- 5. Plastic Surgery
- 6. PaediatricSurgery.

Basic laparoscopic surgeries are performed and endoscopy facilities are available.

Dept of surgery has extended its social service to rural population by health camps, and various services like NSS activities, AIDS awareness program

#### THRUST AREAS IDENTIFIED

- Breast Cancer
- Deep Vein Thrombosis
- Post-operative Surgical Site Infections.
- Polytrauma & Blunt Trauma Abdomen
- Chronic Ulcers Of The Foot

### TEACHING FACULTY



**1stRow (Leftto Right):** Dr.D.Srinivasan, Dr.Sreeramulu.P.N., Dr.Mohan Kumar.K., Dr.A.Bhaskaran, Dr.Shashirekha.C.A., Dr.Prakash Dave.

**2nd Row (Left to Right) :** Dr.Pavan.B.K., Dr.Prashanth.K.Dhannur, Dr.Naveed Ahamed Khan.R., Dr.Amal Abraham, Dr.Ravikiran.H.R., Dr.Munireddy.M.V., Dr.Vikranth Suresh Nandurkar, Dr.Sukanya.M.

**3rd Row (Left to Right):** Dr.Asadulla Baig, Dr.Akarsh.Y.G., Dr.Harsha.R., Dr.Vivek.H., Dr.Rami Reddy Medapati, Dr.Praveen.G.P., Dr.Sproothi Sanganaboina,

**4th Row (Left to Right):** Dr.Arvind Ramachandran, Dr.Madhu.S.N., Dr.M.Kumara Raghavendra Varma, Dr.Nemalidinne Keerthi, Dr.Suma.S., Dr.Dinesh Kumar.S.

**4th Row (Left to Right):** Dr.Vikas Sankar.K., Dr.Sundeep Vogu, Dr.Sandeep Reddi, Dr.Amit Mittal, Dr.Paul Dhinakaran. M.D.S., Dr.Mohammed Kashif Immran, Dr.Rahul Singh.R., Dr.Karthik Hareen.T.V.K., Mr.Subramani.P.



SL No	Name	Designation
1	Dr.Mohan Kumar.K.	Professor & HOD
2	Dr.A.Bhaskaran	Professor
3	Dr.Sreeramulu.P.N.	Professor
4	Dr.K.Krishna Prasad	Professor
5	Dr.Shashirekha.C.A.	Associate Professor
6	Dr.Prakash Dave	Associate Professor
7	Dr.Asadulla Baig	Associate Professor
8	Dr.Pavan.B.K.	Associate Professor
9	Dr.Gaurav Prasad	Associate Professor
10	Dr.D.Srinivasan	Associate Professor
11	Dr.Pramod.T.	Associate Professor
12	Dr.Ashwini.R.K.	Asistant Profssor
13	Dr.Vikranth Suresh Nandurkar	Asistant Profssor

14	Dr.Ravikiran.H.R.	Asistant Profssor
15	Dr.Praveen.G.P.	Asistant Profssor
16	Dr.Amal Abraham	Asistant Profssor
17	Dr.Naveed Ahmed Khan.R.	Asistant Profssor
18	Dr.Munireddy.M.V.	Sr. Resident
19	Dr.Akarsh.Y.G.	Sr. Resident
20	Dr.Prashant.K.Dhannur	Sr. Resident
21	Dr.Sukanya.M.	Sr. Resident
22	Dr.Venugopal.K.N.	Sr. Resident
23	Dr.Naveen.T.K.	Sr. Resident
24	Dr.Sathish Kumar.B.V.	Sr. Resident
25	Dr.Balaji.Y.	Sr. Resident
26	Dr.Nikhil Kumar.K.Oswal	Sr. Resident

## **Details of programmes attended:**

Sl.No	Date	CME programmes Conducted	Place
1	15 May2015	CME on "Neuro endocrine tumors in GI tract"	
2	14 Aug 2015	CME on Neurotrauma	A.V. Hall
3	24 Dec 2015	CME on "GERD & Recent updates"	



CME on "GERD & Recent updates"



CME on Neurotrauma



Guest lecture by Dr.Pujahari on Recent Advances in the management of Liver tumours" conducted on 19 Feb 2016



Sl.No	Date	Conferences Place	Name of the faculty attended
1.	15-21Dec 2015	ASI – ASICON 2015 Samvit Healthcare, Gurgaon, New Delhi.	Dr.Krishna Prasad.K., Professor, Dr.Shashirekha.C.A, Assoc. Professor, Dr.Prakash Dave, Assoc. Professor, Dr.Srinivasan.D. Asst. Professor and all final year PGs
2.	12-14 Feb 2016	KSC ASICON 2016. Shivamogga Institute of Medical Sciences, Shivamogga	Dr.Arvind Ramachandra, Dr.Harsha.R., Dr.Rami Reddy Medapati, Dr.M.Kumara Raghavendra Varma, Dr.Madhu.S.N

Sl.No	Papers presented : oral presentation	Place of Presentation	Name of the faculty attended
1	An Audit of Various Endoscopic Findings in Patients Presenting with non-specific Abdominal Pain	KSC ASICON 2016. Shivamogga Institute of Medical Sciences, Shivamogga	Dr.Arvind Ramachandra
2	Ripasa Score An Inexpensive Alternative for Diagnosis of Acute Appendicitis: A Retrospective Analysis to Compound Future Prospective Application	KSC ASICON 2016. Shivamogga Institute of Medical Sciences, Shivamogga	Dr.Harsha.R.
3	Combined Turp with Bladder Stones Removal: In Management of infravesical Obstruction and Large, Multiple Bladder stones	KSC ASICON 2016. Shivamogga Institute of Medical Sciences, Shivamogga	Dr.Madhu.S.N.
4	Vacuum-Assisted Closure Versus Conventional Dressings in the Management of Diabetic Foot Ulcers: A Prospective Case – Control Study	KSC ASICON 2016. Shivamogga Institute of Medical Sciences, Shivamogga	Dr.M.Kumara Raghavendra Varma

Sl.No	Papers presented : Poster presentation	Place of Presentation	Name of the faculty attended
1	Malignant Peripheral Nerve Sheath Tumor A Case Report	KSC ASICON 2016. Shivamogga Institute of Medical Sciences, Shivamogga	Dr.Arvind Ramachandra
2	Minimally Invasive Renal Surgeries for Renal Calculi: Our Experience in a Tier II City	KSC ASICON 2016. Shivamogga Institute of Medical Sciences, Shivamogga	Dr.Harsha.R.
3	Klatskin Tumor: A Case Report and Review of Literature	KSC ASICON 2016. Shivamogga Institute of Medical Sciences, Shivamogga	Dr.Harsha.R.
4	A Case of Calcinosis Cutis of the Scrotum: Case Report and Review of Literature	KSC ASICON 2016. Shivamogga Institute of Medical Sciences, Shivamogga	Dr.Harsha.R.
5	Retroperitoneal Myxoid Liposarcoma A Diagnostic Dilemma As Retroperitoneal Teratoma: A Case Report	KSC ASICON 2016. Shivamogga Institute of Medical Sciences, Shivamogga	Dr.Madhu.S.N.



6	Recurrent Malignant Phyllodes Tumour of the Breast with Liposarcomatous Differentiation: A Rare Case Report and Review of Literature	KSC ASICON 2016. Shivamogga Institute of Medical Sciences, Shivamogga	Dr.M.Kumara Raghavendra Varma
7	Squamous Cell Carcinoma at Unusual Site – A Rare Case Report	KSC ASICON 2016. Shivamogga Institute of Medical Sciences, Shivamogga	Dr.M.Kumara Raghavendra Varma
8	Suicidal Poisoning by Intramuscular Injection of Pesticide	KSC ASICON 2016. Shivamogga Institute of Medical Sciences, Shivamogga	Dr.Rami Reddy Medapati

## MD/MS Dissertations / Ph.D. thesis (topics given during 2015-16 batch) :

Sl. No	Name of the student	Topic	Guide
1	Dr.Arvind Ramachandran	Interrupted vurses continuous abdominal closure in patients undergoing laparotomy to observe the incidence of burst abdomen	Dr.Shashirekha.C.A
2	Dr M.Kumar Raghavendra Varma	Vacuum – Assisted closure versus conventional dressing in the management of diabetic foot ulcers	Dr.A.Bhaskaran
3	Dr.Harsha.R.	Portsmouth Possum Scoring for Surgical Assessment in Patients Undergoing Major Abdominal Surgeries	Dr.Mohan Kumar.K
4	Dr.Madhu S N	Evaluation of Hyperbilirubinemia as a Diagnostic Marker for Acute Appendicitis	Dr.P.N.Sreeramulu
5	Dr.Rami Reddy Medapati	Pulp(Peptic ulcer perforation) Scoring versus Boey scoring system for prognostication in patients with duodenal ulcer perforation	Dr.Krishna Prasad.K
6	Dr. Vivek.H	A Clinical Study of Fungal Infections in Diabetic Foot	Dr.Mohan Kumar.K

## Publications (April 2015 to March 2016): Published

Sl. No	Title of the paper	Authors	Journal	Department
1	Role of "Cellular Swirls" In the Cytodiagnosis of Papillary Carcinoma Thyroid	Yashaswini R Suresh T.N Mohan Kumar K Harendra Kumar M.L	IOSR journal of Dental and Medical Sciences (IOSR-JDMS) April 2015;14(4)	Pathology Surgery 23/2015
2	Warthin-like variant of papillary thyroid carcinoma: A diagnosis not to be missed	Gopal Reddy Shilpa <sup>1</sup> , Rajendra Yashaswini <sup>1</sup> , Chinaiah S. B. R. Prasad <sup>1</sup> , K Mohan Kumar <sup>2</sup>	Clin Cancer Investig J Year: 2015   Volume: 4   Issue: 3   Page: 381-383 DOI: 10.4103/ 2278-0513.154265	Pathology Surgery 39/2015
3	Meckel's Diverticulum as a Conduit in Abdominal Mesothelial Nodular Hyperplasia Due To Cancer Stomach: a Case Report	D. Srinivasan, SreeRamulu P. N. , Sangamesh, Harish Kumar. G, Prashanth K. Dhannur	Journal of Krishna Institute of Medical Sciences University Vol. 4, No. 1, Jan-Mar 2015	Surgery 50/2015



4	Pregnancy associated breast carcinoma: A diagnostic dilemma.	Shilpa, Vikranth Suresh Nandurkar, Surresh T.N, Mohan Kumar.K.	International journal; of recent Scientific Research Vol,:6(11) Page:7533-75354 November,2015	Pathology Surgery 68/2015
5	Role of conservative management of traumatic chest injuries: A retrospective study & review of literature. Original Article	Pramod.T, Shashirekha.C.A, Chandan.T, Harsha. R.	International Journal of scientific study/ November 2015. Vol:3(8) Page:147-150 Doi:10.17354/ijss/ 2015/528	Surgery 69/2015
6	Clinical outcome of emergency laparoitomy: our experience at tertiary care centre (A Case Series)	Viveknand K.H, Mohankumar.K, Prakash Dave, Vikranth S.N, T.N.Suresh.	International Journal of biomedical and advance research 2015: 6(10): Page: 709-714	Surgery Pathology 75/2015
7	Management of Strangulated sogy sliding inguinal hernia: A Rare case report.	D. Srinivasan, Sreeramulu. PN, Gaurav Prasad, Pawan Katti, Rami Reddy.	Journal of Evolution of General Surgery and Laparoscopy-Vol. 1, Issue 1, July- December 2015.	Surgery 119/2015
8	Persistent Mullerian Duct Syndrome Presenting as Transverse Testicular Ectopia (TTE) Rarest of Rare: A Case Report.	Sreeramulu. PN, D.Srinivasan, Pawan Katti, Madhu.	Journal of Krishna Institute of Medical Sciences University, Vol.4, No.4, Oct- December 2015.	Surgery 120/2015
9	Clinical Study of Carcinoma Thyroid and its Management.	Dr. T Pramood, BS S hivaswamy, G Rajashekara Babu, K Latha, K Jagadeesh.	International Journal of Scientific Study/ January 2016/Vol 3/ Issue 10.	General Surgery Community Medicine 15/2016
10	Evaluation of Fournier's Gangrene severity index in the management of Fournier's gangrene; a retrospective study.	Dr. Shashirekha C.A., Dr. Pramood T, Dr. Nagaraj KN, Dr. Harish Kumar, Dr. Rakesh N.	International Surgery Journal 2016 Feb:3(1): 169-172.	Surgery 16/2016

## **DEPARTMENT OF ORTHOPAEDICS**

### **VISION**

To provide the best musculoskeletal care to the patients and to create disability free society

### **INTRODUCTION**

The Dept of Orthopedics was established at Sri R. L.Jalappa Hospital in 1986. The Dept has progressed well from its initial stages. It has 3 Unitsand eachis headed by a Professor. The consultants have good teaching and clinical experience. Each Unit has 3 OP days and 3 OT days per week. The OP strength is around 140-150 per day. Orthopedics wards have a total bed strength of 100 and an occupancy rate of 75-80 %. 10-15 Major and Minor surgeries are carried out regularly.

The academic activities are also carried out for U.G & P.G. students. Regular Clinical Case Demonstrations, Theory classes, **Tutorials** Seminars are held for undergraduates. Regular daily Audit, Seminar, Journal club, Clinical case presentations, Video demonstration of are surgeries and clinic-radiological demonstrations are carried out for post graduates. Post graduates also actively take part in PG Symposium, CPC (Clinico pathological case discussions), Mortality meeting are being conducted in integration with various relevant departments. Both postgraduates and undergraduates take part in workshops, CME's, Guest Lectures and other academic activities conducted by this Dept as well as those conducted by other Depts. The result of last P.G. Exam was 100%.



Operative procedures have improved from general orthopedic surgeries to sub specialty surgeries in arthroscopic, spine stabilization, pelvic and acetabular fracture stabilization and arthroplasty procedures. The Dept has got all emergency facilities to manage any polytrauma case.

### THRUST AREAS IDENTIFIED

- Anterior &Posterior Cruciate Ligament Reconstruction
- Total Hip Replacement
- Total Knee Replacement
- Pelvis & Acetabular Surgeries
- Paediatric Orthopaedics

#### **TEACHING FACULTY**



Sitting (L To R): Dr. HariPrasad S, Dr. Anilkumar S.V, Dr. Nagakumar J.S, Dr. Shaik Nazeer, Dr. Arun H.S, Dr. Siddaram N.Patil, Dr. Prabhu. E, Dr Anish Kumar.

**Standing (Middle Row L To R):** Dr.Ranganath K.V, Dr.Nithin Teja, Dr.Sachindra, Dr.Mizanur Rahaman, Dr. Mahesh kumar. N, Dr Hameed Raza, Dr Nagarjuna B, Dr Nagarjuna. A

**Standing (Top Row L To R):** Dr. J. Ajeya, Dr.AbilashS, Dr.Chirra Chakradhar Reddy Dr.Vaibhav. B, Dr. Nuka Sri Charan Reddy, Dr.Prathap P, Dr. Prathap U.S

**Standing (Top Row L To R):** Dr. Ayanaksha , Dr.Utkarshwayal, Dr.Praneeth Kumar Reddy, Dr.Vaibhav Mittal, Dr.Jishnu.J, Dr. Keshava Murthy.

SL No	Name	Designation
1	Dr. Arun.H.S	Professor &HoD
2	Dr. Manohar.P.V	Professor
3	Dr B.Shaikh Nazeer	Professor
4	Dr. Siddaram.N.Patil	Professor
5	Dr. Nagakumar	Associate Professor
6	Dr. Prabhu.E	Asst.Professor
7	Dr. Hariprasad.S	Asst. Professor
8	Dr. Anil Kumars.V	Asst. Professor
9	Dr. Anish Kumar	Asst. Professor
10	Dr. Mahesh Kumar.N	Sr.Resident
11	Dr. Vishal Huggi	Sr.Resident
12	Dr. Ranganath.K.	Post graduate/ Jr. Resident
13	Dr. Asadhinithinteja	Post graduate/ Jr. Resident
14	Dr. Praneethkumar Reddy	Post graduate/ Jr. Resident
15	Dr. Shaik Hammed Raza	Post graduate/ Jr. Resident
16	Dr. Nagarjuna Reddy Ammireddy	Post graduate/ Jr. Resident

17	Dr. Buddainagarjun	Post graduate/ Jr. Resident
18	Dr. Abilash.S	Post graduate/ Jr. Resident
19	Dr. J. Ajeya	Post graduate/ Jr. Resident
20	Dr. Nuka Sri Charan Reddy	Post graduate/ Jr. Resident
21	Dr. Parvataneni Prathap	Post graduate/ Jr. Resident
22	Dr. Chakradhar	Post graduate/ Jr. Resident
23	Dr. Vaibhav Bhadbhade	Post graduate/ Jr. Resident
24	Dr. N.Rajya Lakshmi Reddy	Post graduate/ Jr. Resident
25	Dr. Mizan Rahman	Post graduate/ Jr. Resident
26	Dr. Sachindra Nayak Kapadi	Post graduate/ Jr. Resident
27	Dr. Wayal Utkarsha Ahok	Post graduate/ Jr. Resident
28	Dr. Jishnu Jonnalagadda	Post graduate/ Jr. Resident
29	Dr. Pammi Karthik Reddy	Post graduate/ Jr. Resident
30	Dr. Vaibhav Mittal	Post graduate/ Jr. Resident
31	Dr. Ayanaksha Mallick	Post graduate/ Jr. Resident
32	Dr. Prathap.U.S	Post graduate/ Jr. Resident
33	Dr. Keshava Murthy.D	Post graduate/ Jr. Resident



## Details of programmes conducted / attended:

Sl.No	Date	CME Programmes Attended	Name of the Faculty/PG
1	24 -25 Apr 2015	Vth, Pune Knee Course 2015 at JW Marriott Hotel, Pune.	Dr. Arun.H.S
2	4- 5 Jul 2015	Grand Orthopaedics Quiz-preliminary round held during the master's course on trauma & joint replacement at Vijayawada.	Dr. Asadhi Nithin Teja Dr.Shaik Hameed Raza.
3	10 - 12 Jul 2015	13th Calicut Ortho Course conducted at Government medical college, Kozhikode Kerala.	Dr.Asadhi Nithin Reddy Dr.Praneethkumar Raddy.J Dr.Shiak Hameed Raza Dr.Nagarjuna Reddy.A Dr.Abhilash Srivastav.
4	11 Oct 2015	Recent update in arthroplasty at People Tree Hospital Bangalore.	Dr.Siddaram.N.Patil
5	7 Nov 2015	CME and Workshop on "Primary Total Hip Arthroplasty" at MVJ Medical College & Research Hospital Hoskote, Bangalore.	Dr. Arun.H.S Dr. Manohar.P.V Dr. Asadhi Nithin Teja Dr. Nagarjuna. Buddai Dr. Shaik Hameed Raza Dr. Vaibhav Bhadbhade Dr. Deshpande Ajeya Dr. Jishnu Dr. Sachindra
6	21 Nov 2015	Complex Primary And Revision Knee Arthroplasty held at Vydehi Medical College, Bangalore.	Dr. Arun.H.S Dr. Asadhi NithinTeja Dr. Ranganath.K.V. Dr. Preneeth Reddy J Dr. Buddai Nagarjuna
8	18- 20 Dec 2015	Ilizarov Fixator Evolution and Applications at Sri Sathya Sai Institute of Higher Medical Sciences Prasanthigram, Puttaparthi, Andhra Pradesh	Dr. Arun.H.S Dr. Siddaram.N.Patil Dr. Mahesh kumar.N
9	9-11 Dec 2015	Diamond Jubilee 60th Annual Conference of the Indian Orthopaedic Association, Hand & Wrist Workshop, & Dr. K T Dholakia Pre Conference CME.	Dr. Siddaram.N.Patil Dr. Shaik Hameed Raza Dr. Rajalakshmi Reddy Dr. Abhilash Srivastav
10	8-10 Jan 2016	Pediatriac Orthopedic Society of India Conference at JW Marriott Hotel, Bangalore.	Dr. Siddaram.N.Patil
11	14-16Jan 2016	14th Winter Meeting – Ranawat Orthopaedic Conference"Advances & Techniques In Joint Replacement Surgery & Arthroscopy held at Hotel Vivanta by Taj, Yeshwantpur, Bengaluru, India.	Dr. Arun.H.S Dr. Prabhu.E Dr. Hariprasad.S
12	16-17 Jan 2016	4th Mysore Orthopaedics Course-2016 exclusive training programme for Orthoapedics postgraduates, at JJS Medical College, Mysore.	Dr. Praneeth Kumar Reddy.J Dr. Asadhi Nithin Teja Dr. Shiak Hameed Raza Dr. Nagarjuna Reddy.A Dr. Ranganath.K.V Dr. Buddi Nagarjuna Reddy Dr. Abhilash Srivastav Dr. Deshapande Ajay.A Dr. Vaibhav Bhadhhade



13	5-7 Feb 2016	Karnataka Orthopedic Association Conference at the Lalit Ashok, Bangalore.	Dr. Arun.H.S Dr. Siddaram.N.Patil Dr. Chakradhar C.H.Reddy Dr. Abhilash Srivastav Dr. Deshapande Ajay.A
Sl.No	Date	Conference Attended	Name of the Faculty/PG
1	21- 23 Aug 2015	OASISCON 2015 State Conference held at Kodaikanal, Tamilnadu.	Dr. Raghavendra.G Dr. Ranganath.G Dr. Asadhi NithinTeja Dr. Praneeth Kumar Reddy. J Dr. Shaik Hameed Raza Dr. Nagarjuna Reddy.A Dr. Buddi Nagarjuna Reddy Dr. Parvathneni Prathap Dr. Deshapande Ajeya.A Dr. Nuka Sri Charan Reddy
2	21- 24 Oct 2015	Bangalore Orthopaedic Society Conference "Winter Meet 2015" at Dubai.	Dr. Siddaram.N.Patil
Sl.No	Date	Workshops Conducted	Name of the Faculty/PG
1	6 Aug 2015	DCP fixation on bones At P.G.block. SDUMC.	Dr.Sachindra Nayak Kapadi Dr.Pammi Karthik Reddy Dr.Vaibhav Mittal. Dr. Jishnu Jonnalagadda Dr.Ayanaksha Mallick Dr.Keshava Murthy.D Dr.Prathap.U.S Dr.Wayal Utkarsha Ashok
2	18 Jan 2016	IMIL Nailing Tibia at Centre for Clinical Skills And Simulations Center, SDUMC.	Dr.Abilash.S Dr. Mirza Rahman Dr.Keshava Murthy.D Dr.Ayanaksha Mallick Dr. Vaibhav Mittal. Dr. Sri Charan Reddy Dr. Karthik Reddy Dr. Jishnu Jonnalagadda Dr. Ajay Dr.Prathap.U.S Dr.Wayal Utkarsha Ashok Dr. Chakradhar Reddy Dr. Vaibhav .B
Sl.No	Date	Workshops Conducted	Name of the Faculty/PG
1	7 Nov 2015	"Primary Total Hip Arthroplasty" held at MVJ Medical College & Research Hospital Hoskote, Bangalore.	Dr. Arun .H.S Dr. Manohar .P.V Dr. Hameed Raza Dr. Vaibhav Bhadbhade Dr. Asadhi Nithin Teja Dr. Nagarjuna Buddai Dr. Shaik Hameed Raza Dr. Deshpande Ajeya Dr. Jishnu Dr. Sachindra
2	28-29, Nov 2015	2nd Cadaveric Pelvi-Acetabular fracture fixation at Lucknow.	Dr. Anish Kumar



Sl.No	Date	Paper Presented : Paper Presentation	Name of the Faculty/PG
1	21- 23 Aug 2015	Study of surgical management of proximal tibia fractures using locking presented in OASISCON 2015 State Conference held at Kodaikanal, Tamilnadu.	Dr. Praneeth Kumar Reddy.J
2	21- 23 Aug 2015	Surgical management of isolated tibial shaft fractures with closed intramedullary interlocking nail presented in OASISCON 2015 state conference held at Kodaikanal, Tamilnadu.	Dr. Kadiri Venkata Ranganath
3	21- 23 Aug 2015	Retrograde femur nailing in distal femur fractures presented in OASISCON 2015 state conference held at Kodaikanal, Tamilnadu.	Dr. Asadha Nithin Teja
4	21- 23 Aug 2015	Study of surgical management of fracture shaft of humerus with locking compression plate presented in OASISCON 2015 state conference held at Kodaikanal, Tamilnadu.	Dr. Shaik Hameed Raza
5	21- 23 Aug 2015	A prospective study of outcome of arthroscopic reconstruction of ACL (Anterior Cruciate Ligament with hamstring tendon autograft presented in OASISCON 2015 state conference held at Kodaikanal, Tamilnadu.	Dr. Nagarjuna Reddy.A
6	21- 23 Aug 2015	Clinical outcome of management of distal radius fractures treated with volar plate presented in OASISCON 2015 state conference held at Kodaikanal, Tamilnadu.	Dr. Nagarjuna Reddy.B
7	21- 23 Aug 2015	Surgical management of distal one third tibia fracture with minimally invasive locking compression plate presented in OASISCON 2015 state conference held at Kodaikanal, Tamilnadu.	Dr. Deshpande Ajeya.A

Sl.No	Date	Paper Presented : Paper Presentation	Name of the Faculty/PG
1	21- 23 Aug 2015	Vertebral body reconstruction using antibiotic impregnated bone cement in osteomyelitis of lumbar spine presented in OASISCON 2015 state conference held at Kodaikanal, Tamilnadu.	Dr.Praneeth Kumar Reddy.J
2	21- 23 Aug 2015	Tuberculosis wrist joint-A rare presentation with rice-body formation tenosynovitis: A case report presented in OASISCON 2015 state conference held at Kodaikanal, Tamilnadu.	Dr. Kadiri Venkata Ranganath
3	21- 23 Aug 2015	Acquired smooth muscle hamartoma in foot presented in OASISCON 2015 state Conference held at Kodaikanal, Tamilnadu	Dr. Asadha Nithin Teja
4	21- 23 Aug 2015	One stage deformity correction of stiff non union of mid shaft first metatarsal fracture by open reduction and internal fixation with locking recouples presented in OASISCON 2015 state conference held at Kodaikanal, Tamilnadu	Dr. Shaik Hameed Raza



5	21- 23 Aug 2015	Aneurysmal bone cyst of proximal fibula causing foot drop in 18 year old boy- a Case report-presented in OASISCON 2015 state conference held at Kodaikanal, Tamilnadu	Dr. Nagarjuna Reddy. A
6	21- 23 Aug 2015	Cystecercosis of foot: A rare diagnosis in a rare location-presented in OASISCON 2015 state conference held at Kodaikanal, Tamilnadu	Dr. Nagarjuna Reddy. B
7	21- 23 Aug 2015	Functional and radiological outcome of Schatzkers type V and VI fractures treated by Ilizarov fixation presented in OASISCON 2015 state conference held at Kodaikanal, Tamilnadu	Dr. Deshpande Ajeya. A

## **Research Projects (Completed):**

Sl. No	Project No.	Title of the Research Project	Principal investigator & department
1		A Study on metacarpal fractures fixed with K wires.	Dr.A.Nagarjuna Dr.Manohar.P.V
2	No.DMC/KLR/ IEC-CER/118/15-16 /21/3/16	A study of fracture shaft of humerus treated with locking compression plate.	Dr. Shaik Hameed Raza Dr.Manohar.P
3		Computerized tomographic morphometric analysis of subaxial cervical spine pedicles in a south indian population for guiding pedicular mass fixation	Dr. Asadi Nithin Teja Dr. Gudi.N.S
4	No.DMC/KLR/ IEC-CER/39/16-17 /05/4/16	Clinical outcomes of management of distal radius fracture treated with volar plate	Dr.B.Nagarjuna Dr.Gudi.N.S
5		Treatment of proximal tibial fractures using locking compression plate .	Dr.Praneeth Kumar Reddy Dr.B.Shaikh Nazeer
6	No.DMC/KLR/ IEC-CER/177/15-16 /01/3/16	Study of surgical management of isolated tibial shaft fractures with IMIL nailing	Dr.K.V.Ranganath Dr.H.S.Arun

## Research Projects (On going):

Sl. No	Project No.	Title of the Research Project	Principal investigator & department
1	No.DMC/KLR/IEC- CER/108/16-17 30.7.16	Management of distal one third fractures of tibia with imil nailing	Dr. N.Sri Charan Reddy Dr.B.Shaikh Nazeer
2		Surgical management of middle third fractures of clavicle treated with locking compression plate	Dr. Parvathaneni Prathap Dr.Arun.H.S
3		A study on surgical outcome of fracture both bones forearm using locking compression plate	Dr. C. Chakradhar Reddy Dr.B.Shaikh Nazeer
4		Surgical management of proximal humerus fracture using philo's plate	Dr.Vaibhav Bhadbhade Dr.Siddaram.N.Patil



5	 Evaluation of the functional outcome of total knee replacement in rural population	Dr. N. Rajyalakshmi Reddy Dr.Arun.H.S
6	 Role of austinmoore prosthesis in intracapsular fracture neck of femur in elderly	Dr.Mizanur Rahman Dr.Nagakumar.J.S

## Research Projects (New):

Sl. No	Project No.	Title of the Research Project	Principal investigator & department	Co. investigator & department
1	No.DMC/KLR/IEC/46 /16-17/28/7/16	Functional outcome of intraarticular distal end radius fracture treated with variable angle volar locking plate	Dr.Arun H.S	Dr.Keshava Murthy.D
2		Supracutaneous LCP as external fixator in compound fracture tibia type ii,ii a ,iii b.	Dr.Siddaram.N.Patil	Dr.Khairnar Sagar Ashok
3	39/2015-16	Urine, serum and synovial fluid biomarkers of rheumatoid arthritis and osteoarthritis and progression in a tertiary health care center of south india	Dr. Satish Ramachandra Rao	Dr.Arun.H.S Dr.Sagar.V Dr.Nagakumar.J.S

## MD/MS Dissertations/Ph.D. thesis (topics given during 2015.2016 batch) :

Sl. No	Name of the student	Guide	Торіс
1	Dr. N.Sri Charan Reddy	Dr.B.Shaikh Nazeer	Management of distal one third fractures of tibia with imil nailing
2	Dr. Parvathaneni Prathap	Dr.Arun.H.S	Surgical management of middle third fractures of clavicle treated with locking compression plate
3	Dr. C.Chakradhar Reddy	Dr.B.Shaikh Nazeer	A study on surgical outcome of fracture both bones forearm using locking compression plate
4	Dr.Vaibhav Bhadbhade	Dr.Siddaram.N.Patil	Surgical management of proximal humerus fracture using philo's plate
5	Dr. N. Rajyalakshmi Reddy	Dr.Arun.H.S	Evaluation of the functional outcome of total knee replacement in rural population
6	Dr.Mizanur Rahman	Dr.Nagakumar .J.S	Role of austinmoore prosthesis in intracapsular fracture neck of femur in elderly

Sl. No	Name of the student	Guide	Co-guide	Topic
1	Mr.T.SureshM.Phil.	Dr.A.V.Moideen Kutty Prof. Dept of Biochemistry Dean, Faculty of AHS, SDUAHER	Dr.Arun.H.S	Association between PTPN22 gene polymorphism and rheumatoid arthritis: A study at tertiary care hospital, Kolar
2	Kavitha Rani.N M.P.T	Dr. Arun.H.S Prof &HoD	Dr.Raj Kannan.P	Effects of dry needling in osteoarthritis of knee joint.



## Publications (April 2015 to March 2016): Published

Sl. No	Title of the paper	Authors	Journal	Department
1	Traumatic l4-l5 spondylolisthesis with vertical shear fracture of pelvis: a case report	Anil Kumar.S.V Vinod Kumar .M Samarth Arya Manohar.P.V	IJPBS	Orthopaedics
2	Total hip arthroplasty in idiopathic chondrolysis of the hip: A Case report.	Anvesh Kondlapudi Anil Kumar.S.V Manohar.P.V Samarth Arya	Int J of Biomed & Adv Res	Orthopaedics
3	Cysticercosis of foot: A rare diagnosis in arare location Vineetha vital	Pravataneni Prathap, Anil Kumar.S.V Nagakumar.J.S Manohar.P.V	Int J of Biomed & Adv Res	Orthopaedics Physiology
4	One stage deformity correction of stiff nonunion of mid shaft first metatarsal fracture by open reduction and internal fixation with locking recon plate: A case report.	Anil Kumar.S.V Pravataneni Prathap, Vineetha Vital Nagakumar.J.S Manohar.P.V	Int J of Biomed & Adv Res	Orthopaedics
5	Study of surgical management of closed diaphyseal fractures of humerus in adults by open reduction and internal fixation with dynamic compression plate and screws. 2015.	Mahesh Kumar N, D. K. Dubey Parvataneni Prathap, Sowmya G J.Praneeth Kumar Reddy	Int J of Biomed & Adv Res	Orthopaedics
6	Os Trigonum syndrome- A case report	Reddy M. V. C. K Prabhu E. Khalid Gudi N. S.	Int J of Biomed & Adv Res	Orthopaedics
7	Study of surgical management of proximal tibial fractures using locking compression plate.	J.Praneeth Kumar Reddy B.Shaikh Nazeer Arun.H.S N. Mahesh Kumar	Int J of Biomed & Adv Res	Orthopaedics
8	Surgical management of isolated tibial shaft fractures with closed intramedullary interlocking nail.	Kadiri V Ranganath H.S.Arun S.Hariprasad	IJSS	Orthopaedics
9	Tuberculosis of wrist joint with rice body formation: A case report.	Kadiri V Ranganath Nagakumar.J.S H.S.Arun	IJSS	Orthopaedics



#### Publications (April 2015 to March 2016): Accepted for Publication

Sl. No	Title of the paper	Authors	Journal	Department
1.	One stage deformity correction of stiff non union of mid shaft first metatarsal fracture by open reduction and internal fixation with locking recon plate: A case report	Anil Kumar S.V, Parvataneni Prathap Nagakumar J.S, Manohar P.V	Int J of Biomed & Adv Res	Orthopaedics
2.	Cysticercosis of foot: A rare case in a rare location	Parvataneni Prathap. Anil Kumar S.V Nagakumar J.S Manohar P.V	Int J of Biomed & Adv Res	Orthopaedics

#### ACHIEVEMENTS / HONORS / AWARDS / FELLOWSHIPS IF ANY DURING THE YEAR

#### a. Faculty:

- (a) Dr. Hariprasad. S, Asst.Professor, persued fellowship in Adult Knee Reconstruction Surgery and Sports Medicine at Medantha-The Medicity, New Delhi.
- (b) Dr. Prabhu. E Asst. Professor, pursued Fellowship in Joint Replacement. Chunchon Sacred Heart Hospital, Hallym University, South Korea.

#### **DEPARTMENT OF OPHTHALMOLOGY**

#### **VISION**

• To excel through compassion and technical competence.

#### **INTRODUCTION**

The Dept offers quality out-patient and in-patient services. The OPD has all necessary equipments like Auto refractometer, Keratometer, A-scan, Slit lamp biomicroscopes, Humphrey Field Analyser, Synaptophore, ultrasound B-scan, Fundus camera, Diode and Nd-Yag laser to provide comprehensive eye care to the Community. The Dept has sub-specialties like Cornea, Glaucoma, Squint, Retina, Oculoplasty and Contact lens clinic with Eye bank services. Operation theatre is well equipped with state of art equipment like Ziess operating microscopes with CCTV, Visalis 100 version 2 Phacoemulsification and Vitrectomy machine. To improve the knowledge and skill of students museum, skill lab and wet lab are updated periodically.

Outreach programmes like free cataract surgery, diabetic retinopathy and school children screening camps are conducted regularly.

#### THRUST AREAS IDENTIFIED

- Community Ophthalmology.
- · Cataract surgery.
- Glaucoma.

#### **TEACHING FACULTY**



Sitting from L to R: Dr. Chaitra. M.C, Dr. Usha.B.R, Dr. Sangeetha.T, Dr. Kanthamani. K, Dr. M.S. Padmajothi, Dr. Rashmi. G, Dr. Inchara. N

Standing 1st Row L to R: Mrs. E. Devamani, Dr. Kavya, Dr. Nandhini. K, Dr. Chirrareddygari Meghana, Dr. Prachi Singh, Dr. Bhavya Reddy, Dr. Gona Soujanya, Dr. Kelijavedu Sravya,

**Standing 2nd Row L to R:**Dr. Yasam Raghavendra Reddy, Dr. Borra Harish Laxman, Dr. Prashanth. B, Dr.ShreyMaheshwari, Dr. Dildar Singh, Dr. Darshan. S.M, Dr. Shashidhar H.N, Mr. Raja.R, Dr. Nuthan Babu. B

Standing 3rd Row L to R: Mr. H. Srinivas



SL No	Name	Designation
1.	Dr. Kanthamani. K	Professor & HoD
2.	Dr. M.S Padmajothi	Professor
3.	Dr. Chandrakant. S. Pujar	Associate Professor
4.	Dr. Sangeetha.T	Assistant Professor
5.	Dr. Usha. B.R	Assistant Professor
6.	Dr. Rashmi. G	Assistant Professor
7.	Dr. Chaitra. M.C	Senior Resident
8.	Dr. Inchara. N	Senior Resident

SL No	Name of the student	Designation
1	Dr. Dildar Singh	Junior Resident
2	Dr. Prashanth. B	Junior Resident
3	Dr. Bhavya Reddy	Junior Resident

4	Dr. Shrey Maheshwari	Junior Resident
5	Dr. Shashidhar H.N	Junior Resident
6	Dr. Kavya	Junior Resident
7	Dr. Reshma Ravindra	Junior Resident
8	Dr. Yasam Raghavendra Reddy	Junior Resident
9	Dr. Darshan. S.M	Junior Resident
10	Dr. Nandhini. K	Junior Resident
11	Dr. Borra Harish Laxman	Junior Resident
12	Dr. Gona Soujanya	Junior Resident
13	Dr. Chirrareddygari Meghana	Junior Resident
14	Dr. Nuthan Babu. B	Junior Resident
15	Dr. Prachi Singh	Junior Resident
16	Dr. Kelijavedu Sravya	Junior Resident

## $Details\ of\ programmes\ conducted/attended:$

Sl.No	Date	CME Programmes Conducted
1	10 Apr 2015	'Recent advances in Cataract Surgery' Organized by Dr. Kanthamani. K In collaboration with Karnataka Ophthalmological Society And District Blindness Control Society
2	13 Nov 2015	'Current trends in the management of Diabetic Retinopathy' Organized by Dr. Kanthamani. K In collaboration with Karnataka Ophthalmological Society And District Blindness Control Society
3	10 Mar 2016	'Newer Investigative Modalities in Glaucoma' Organized by Dr. Kanthamani. K In collaboration with Karnataka Ophthalmological Society And District Blindness Control Society

Sl.No	Dates	Conferences Attended	Name of the faculty attended
1.	7 Nov 2015	'Phaco Festival' by Nethradhama Superspecility Hospital at Bengaluru.	Dr. M.S Padmajothi, Dr. Sangeetha. T,
2.	20-22 Nov 2015	'Karnataka Ophthalmic Society'-KOSCON, Hubli.	Dr. Kanthamani. K, Dr. M.S Padmajothi, All postgraduates
3.	2 Nov 2015	11th Annual Conclave of Research Society for the Study of Diabetes in India. Karnataka Chapter KRSSDI Belagavi – 2015.	Dr. Sangeetha. T
4.	25-28 Feb 2016	'All India Ophthalmic Conference' – AIOC, Kolkata.	Dr. Kanthamani. K, Dr. Dildar Singh, Dr. Prashanth.

Sl.No	Dates	Workshops Conducted	Name of the faculty attended
1	25-8 Sep 2015	'To create public awareness about eye donation'	Dr. Kanthamani. K Dr. M.S Padmajothi All staff & postgraduates



Sl.No	Date	Papers presented : oral presentation	Name of the faculty attended
1.	11 Sep 2015	'Awareness and knowledge on eye donation among college students in Kolar'. APOS – Dakshin Nethra, Tirupathi.	Dr. Preethi Biradar Dr. Kanthamani. K
2.	20-22Nov 2015	'Comparison of fibrin glue and sutures for attaching limbal conjunctival autograft after pterygium excision' – Karnataka Ophthalmic Society'-KOSCON, Hubli.	Dr. Prashanth, Dr. Narendra. P. Datti, Dr. Kanthamani. K
3.	20-22Nov 2015	'Comparison of postoperative astigmatism after manual small incision cataract surgery using superior, supero-temporal and temporal scleral incision' – Karnataka Ophthalmic Society- KOSCON, Hubli.	Dr. Dildar Singh, Dr. Kanthamani. K.
4.	20-22 2015	'Effectiveness of laser peripheral iridotomy in primary angle closure suspects' – Karnataka Ophthalmic Society-KOSCON, Hubli.	Dr. Shrey Maheshwari, Dr. Kanthamani. K
5.	20-22Nov 2015	'Clinical profile of Ocular Trauma in Rural South India' – Karnataka Ophthalmic Society- KOSCON, Hubli.	Dr. Bhavya Reddy, Dr. Krishnamurthy.D

Sl.No	Date	Papers presented : Poster Presentation	Name of the faculty attended
1	20- 22 Nov 2015	'Interesting case of Vernal Keratoconjunctivitis' – Karnataka Ophthalmic Society-KOSCON, Hubli.	Dr. Prashanth. B
2	20- 22 Nov 2015	'Neovascular glaucoma secondary to ischemic CRVO' – Karnataka Ophthalmic Society-KOSCON, Hubli.	Dr. Bhavya Reddy
3	20-22 Nov 2015	'Prustchers Retinopathy' – Karnataka Ophthalmic Society-KOSCON, Hubli.	Dr. Dildar Singh
4	20th to 22nd Nov 2015	'Rare case of Cavernous Sinus Thrombosis' – Karnataka Ophthalmic Society-KOSCON, Hubli.	Dr. Shrey Maheshwari

## **Research Projects (Completed):**

Sl. No	Project No.	Title of the Research Project	Principal investigator & department
1.	SDUAHER/Res. Proj /76/2013-14	Study of Phacocapsulotomy in preventing anterior capsular tear extension in phacoemulsification of white intumescent cataract in comparison with needle aspiration.	Dr. Narendra P. Datti. Ophthalmology
2.	SDUAHER/Res. Proj /77/2013-14	Comparative study of intraoperative complications of capsular tension ring implantation versus no implantation in phacoemulsification of cataracts associated with pseudoexfoliation syndrome	Dr. Narendra P. Datti Ophthalmology



## **Research Projects (On going):**

Sl. No	Project No.	Title of the Research Project	Principal investigator & department
1.	SDUAHER/Res. Proj/ 93 / 2013-14	Platelet indices in patients with retinal venous occlusive diseases.	Dr. Rashmi. G Ophthalmology
2	No. SDUAHER/KLR/ ADM / 4579 /2015-16	Effect of Heparinized irrigation solution on postoperative inflammation after cataract surgery in diabetics.	Dr. Usha. B. R Ophthalmology
3.	No. SDUAHER / Res. Project /86/2013-14.	Comparative study of visual clinical outcome and subjective satisfaction in Toric versus Non-Toric IOL implantation followed by phacoemulsification cataract surgery.	Dr. Kanthamani. K Ophthalmology
4.	No. SDUAHER/KLR/ ADM /4579/2015-16	Comparison of Optical Coherence Tomography and Humphrey visual field in early glaucoma diagnosis.	Dr. Usha. B.R Ophthalmology
5.	No. SDUAHER/KLR/ ADM / 4579/2015-16	Trabeculectomy and trabecular aspiration to treat Pseudoexfoliation glaucoma- a randomization control trial.	Dr. Usha. B.R Ophthalmology

## **Research Projects (New):**

Sl. No	Project No.	Title of the Research Project	Principal investigator & department
1	No. DMC/KLR/IEC/ 183/2015-16	Prevalence of Astigmatism in cataract patients	Dr. Kanthamani. K
2	No. DMC/KLR/IEC/ 185/2015-16	Prevalence and awareness of Computer Vision Syndrome.	Dr. Sangeetha. T Ophthalmology
3	No. DMC/KLR/IEC/ 166/2015-16	Prevalence of Diabetic retinopathy in patients with proteinuria.	Dr. Sangeetha. T Ophthalmology
4	No. DMC/KLR/IEC/ 78/2015-16	Prevalence of Strabismus in School Children in Kolar	Dr. M.S. Padmajothi Ophthalmology
5	No. DMC/KLR/ IEC/ 78/2015-16	Evaluation of Visual Acuity in Drivers in Kolar district.	Dr. M.S. Padmajothi Ophthalmology
6	No. DMC/KLR/ IEC/ 172/2015-16	Prevalence of Dry eye in patients with Senile cataract.	Dr. Kanthamani. K Ophthalmology
7	No. DMC/KLR/IEC/ 001/2016-17	Visual outcome and complications in cataract patients with Pseudoexfoliation.	Dr. Sangeetha. T Ophthalmology
8	No. DMC/KLR/IEC/ 002/2016-17	Awareness of cataract and the different techniques of surgical treatment	Dr. Kanthamani. K Ophthalmology

## MD/MS Dissertations / Ph.D. thesis (topics given during 2015-16 batch):

Sl. No	Name of the student	Guide	Co-guide (if any)	Topic
1	Dr. Yasam Raghavendra Reddy	Dr. Kanthamani. K	-	Comparison of Autologous Fibrin verus Sutures in Conjunctival Limbal Autografting following Pterygium excision.



2	Dr. Reshma Ravindra	Dr. Kanthamani. K	Dr. Muninarayana Professor Department of Community Medicine, SDUMC.	Diabetic Retinopathy changes and its awareness among patients attending Diabetic Eye Camps in Kolar District.
3	Dr. Darshan	Dr. M.S Padmajothi	-	Prevalence, Evaluation & treatment of Refractive errors in school children between ages 5 to 15 years in Kolar town.
4	Dr. Nandhini. K	Dr.M.S Padmajothi	-	B –Scan ultrasonography in detecting posterior segment abnormalities in eyes with opaque media.

## Publications (April 2015 to March 2016): Accepted for Publication

Sl. No	Title of the paper	Authors	Journal	Department
1.	Role of Efficient Field Workers in Prevention of Cataract Blindness through Community Outreach Programmes of Ophthalmology.	Dr. Rashmi N R, Dr. Narendra P. Datti.	International Journal of Health Sciences and Research. 2015, Vol.5; Issue: 4; April 2015: 44-48	Ophthalmology
2.	Study of phacocapsulotomy in preventing anterior capsular tear extension in phacoemulsification of white intumescent cataract in comparison with needle aspiration.	Dr. Dilip Kumar. K, Dr. Narendra P. Datti, Dr. K Kanthamani, Dr. Preeti Biradar, Dr. Snehalatha, Dr. Jyotsna Sharma.	International Journal of Current Research. 2016; 8(3): 27640-42.	Ophthalmology
3.	Awareness and knowledge on eye donation among college students in Kolar.	Dr. Kanthamani. K Dr. Preethi Biradar	International Journal of Research in Health Sciences. Oct-Dec 2015 Volume-3, Issue-4, Suppl 1.	Ophthalmology
4.	Evaluation of capsular tension ring implantation versus no implantation in phacoemulsification of cataracts associated with pseudo exfoliation syndrome.	Dr. Preethi Biradar, Dr. Narendra.P. Datti, Dr. Kanthamani. K, Dr. Dilip Kumar K.	International Journal of Current Research. Vol 8, issue 03,pp. 28475-78, March, 2016.	Ophthalmology
5.	Profile of ocular trauma among patients in and around kolar attended a tertiary care hospital.	Dr. Jotsna Sharma, Dr. Krishnamurthy Dr. Kanthamani. K Dr. Preeti Biradar Dr. Snehalatha Dr. Dilip Kumar. K	International Journal of Current Research. Vol.8, Issue,04, pp. 29719-22, April 2016.	Ophthalmology



#### ACHIEVEMENTS / HONORS / AWARDS / FELLOWSHIPS IF ANY DURING THE YEAR

#### a. Faculty:

**Dr. Sangeetha. T** completed her fellowship in Photorefractive surgeries (RGUHS) in Nethradhama Superspeciality Eye Hospital, Bengaluru.

#### b. Postgraduates:

**Dr. Dilip Kumar. K** was awarded first prize in PG Lecture Competition on "Retinopathy of Prematurity-Management" in IFOCUS conducted at Mumbai on 6th January 2016.

# DEPARTMENT OF OBSTETRICS AND GYNECOLOGY

#### **VISION**

To be a Dept of excellence by striving hard to provide high quality and innovative healthcare for women by advancing knowledge through excellence and research, quality education and training of the healthcare professionals.

#### **INTRODUCTION**

The Dept. of Obstetrics and Gynecology, a constituent department of Sri Devaraj Urs Medical College is striving hard to offer quality care to the patient and quality education to student through a dedicated team of the faculty members. Dept of OBG started functioning in the year 1986-87. It caters to the rural population in and around Kolar district. A team of expert specialists in the field of obstetrics & gynecology provide emergency Obstetrics care all round the clock to the mothers who are referred in critical condition. The Dept has sub specialty clinics like infertility, gyneconcology and high risk pregnancy clinic Dept provides free counseling and testing for HIV infected persons and simultaneously providing anti-retroviral therapy to mother and newborn tested positive, through VTCT (AIDS/HIV detection for prevention of parent to child transmission) center which is attached to the Obstetrics and Gynecology department. The Dept is well equipped to impart a quality patient care. The faculty are encouraged to undergo training in various subspecialties

The Dept has been actively involved in teaching and training of undergraduate student since the day of its inception in 1986 and post graduate training since 1996. At present every year Dept admits 6 candidates for postgraduate degree course and 3 candidates for postgraduate Diploma course. All postgraduates are trained rigorously in clinical work, patient care as well as research work. They are encouraged to publish their research in various journals. The faculty members and postgraduate students of the Dept are encouraged

to actively participate and attend CME, workshops, conferences and seminars etc. The Dept is involved in training of Medical Officers in the MCH programme since 2008. The Dept is extending its outreach services to rural population through regular camps conducted once/twice a month at PHCs adopted by Sri Devaraj Urs Medical College viz. Devrayasamundra, Sugutur and Vemgal and also other regular health camps conducted in rural areas.

#### THRUST AREAS IDENTIFIED

- Preeclampsia/ Eclampsia
- Gestational diabetes
- · Induction of labor
- Cervical cancer

#### TEACHING FACULTY



**Left to Right: 1st Row** - Dr.Nagashri.M.N, Prof.Gomathy.E, Prof.Munikrishna.M ,Prof.Sheela.S.R, Prof.Hemalatha.S

**2nd Row -** Dr.Harshith.B.S., Dr.Sharath Chandra Rao, Dr.Manoj Naik, Dr.Sunitha.T, Dr.Ramya.M.R, Dr.Priyadarshini

**3rd Row -** Dr.Poonguzhali .Liston, Dr.Shilpa.K.P, Dr.Neeharika.C, Dr.Apoorva.I, Dr.Aditi C.R. Dr.Ashritha

**4th Row-**Dr.Shilpi Singh, Dr.Shilpa Suri C, Dr.N.Neeharika, Dr.Sunanda.N, Dr.Kurra Sai. Poojitha Dr.Nikitha.V Dr.Sandhya.R, Dr.Naga Jyothi.S



SL No	Name	Designation
1.	Dr. Munikrishna M.	Professor & HoD
2.	Dr.Hemalath.S.Mahantshetti	Professor
3.	Dr. Sheela S.R	Professor
4.	Dr. Sunita V.	Professor
5.	Dr. Gomathy E.	Professor
6.	Dr.Sruthi.T	Assistant Professor
7.	Dr.Sunitha.T	Assistant Professor
8.	Dr.Ramya.M.R	Assistant Professor
9.	Dr.Neeraja.T.S	Assistant Professor
10.	Dr.Manoj Naik	Senior Resident

#### **POST GRADUATES**

SL No	Name	Designation
1.	Dr.Niharika.C	Junior Resident
2.	Dr.Shilpa.K.P	Junior Resident
3.	Dr.Swathi	Junior Resident
4.	Dr.Niharika. N	Junior Resident
5.	Dr.Sushmitha	Junior Resident

6.	Dr.Charu Yadav	Junior Resident
7.	Dr.G.Sangeetha	Junior Resident
8.	Dr.Sharath	Junior Resident
9.	Dr.Sonal Borker	Junior Resident
10.	Dr. Aditi C. Ramachandra	Junior Resident
11.	Dr. Apoorva. I	Junior Resident
12.	Dr. Arul Selvi. K	Junior Resident
13.	Dr. Ashritha Rebala	Junior Resident
14.	Dr. Naga Jyothi .S	Junior Resident
15.	Dr. Harshith. B S	Junior Resident
16.	Dr. P. Priyadarshini	Junior Resident
17.	Dr. Poonguzhalli. Liston	Junior Resident
18.	Dr. Kurra Sai Pujitha	Junior Resident
19.	Dr. Sunanda. N	Junior Resident
20.	Dr. Shilpi Singh	Junior Resident
21.	Dr. Sandhya. R	Junior Resident
22.	Dr. Nikitha .V	Junior Resident
23.	Dr.Shilpa Suri Ciryam	Junior Resident

## Details of programmes conducted / attended:

Sl.No	Date	CME Programmes Attended	Name of the Faculty Attended
1.	25 Apr 2015	CAHOCON- workshop, NEW DELHI	Prof. Sheela.S.R
2.	12 Jun 2015	Workshops by RGUHS- on use and access of e-resources and web scale discovery tool	Dr. Sruthi.T
3.	18-21 Jun 2015	Faculty in BSOG cme 2015, bangalore	Dr. Munikrishna.M
4.	29 Aug 2015	MVJ Medical College-and research hospital on advances in assisted conception techniques	Prof. Gomathy.E
5.	2,3,4 Oct 2015	International conference on intrapartum care-basics and beyond. Bangalore	Prof. Hemalata Mahantshetti
6.	28,29,30 Nov 2015	Cme programme - Ksoga, Mysore	Prof. Hemalata Mahantshetti
7.	18 Jan 2016	Rage-Bangalore	Prof. Hemalata Mahantshetti

## **Research Projects (Completed):**

Sl. No	Project No.	Title of the Research Project	Principal investigator & department
1.	2014-2015	Usefulness of serum gamma glutamyl transferace in assessing severity of preeclampsia	Ruta UJ Prof. Gomathy OBG
2.	101/2014-15	Frequency of occurrence of MTHFR C677T gene polymorphism associated risk factor in couple of recurrent spontaneous abortion	Dr. Pushpa Kotur OBG



## Research Projects (On going):

Sl. No	Project No.	Title of the Research Project	Principal investigator & department
1.	59/2012-13	Novel Pre- Eclampsia Biochemical Markers In Urinary And Serum Exosomes.	Dr. A V Moideen Kutty, Bichemistry Dr. Narayana Swamy OBG
2.	104/2015-16	Screening and molecular characterization of hemoglobinopathies in anaemic Pregnant women	Dr. Sharath Cell Biology and Molecular Genetics Dr Pushpa Kotur OBG
3.	14/2014-15	Molecular Analysis of Uterine Leiomyoma	Dr Sharath B Cell Biology and Molecular Genetics Dr Narayana Swamy OBG
4.	16/2014-15	Molecular Analysis of Thrombophylic Markers in Recurrent Pregnancy Loss	Dr Sharath B Cell Biology and Molecular Genetics Dr Naryanaswamy OBG

## MD/MS Dissertations / Ph.D. thesis (ongoing thesis for 2015-16 batch)

Sl. No	Name of the student	Guide	Co-guide (if any)	Topic
1.	Dr. Shilpa Suri Ciryam	Prof. Hemalatha Mahanshetti	Dr. Dayanad. CD	Estimation of vitamin D levels in term gestation and its obstetric outcome
2.	Dr. Liston. P	Prof Gomathy	Dr. Sudha Reddy (Paediatrics)	The obstetrics outcomes in women with isolated oligohydramnios
3.	Dr. Shilpi Singh	Prof.Munikrishna	-	Comparison between outlet forceps and vaccum deliveries maternal and fetal outcome
4.	Dr. Sunandha	Prof Sunitha.V	Dr. SR Prasad (Microbiology)	Clinical and microbiological correlation of premature rupture of membranes
5.	Dr. Priya Dharshini	Prof. Hemalatha Mahanshetti	Dr. Sumathi (Biochemistry)	Evaluation of serum  Magnesium levels as predictor of preterm labour
6.	Dr.Kurra Sai Pujitha	Prof. Sheela.SR	Dr. Subhashish Das (Pathology)	A study to detect preinvasive and invasive cancer of cervix during pregnancy by using pap smear.



## Publications (April 2015 to March 2016): Published

Sl. No	Title of the paper	Authors	Journal	Department
1.	Primary amenorrhoea: A diagnostic dilemma	Deepika N, Arun kumar, Aparna KS.	International journal of reproduction, contraception, obstetrics and gynecology	Obstetrics and Gynecology
2.	Evidence of paternal N5 N10 Methylene tetrahydrofolate reductase(MTHFR) C677T Gene polymorphism in couples with RSA in Kolar district	Shiny Vinila BH, Dayanand CD, Kotur PP, Kutty AVM, Vegi PK	A south west of india journal of clinical and diagnostic research	Obstetrics and Gynecology
3.	Successful pregnancy outcome in a primigravida with twin pregnancy with complete situs inversus: a rare case report	Vijayalakshmi C, Sheela SR	International journal of multidisciplinary research and development	Obstetrics and Gynecology
4.	Evaluation of maternal thyroid hormone status and atherogenic potency in preeclampsia in Kolar district-A south west of India	Aparna, SR Sheela, CD Dayanand, Nagarjuna Sivaraj	British journal of medicine and medical research	Obstetrics and Gynecology

## Publications (April 2015 to March 2016): Accepted for Publication

Sl. No	Title of the paper	Authors	Journal	Department
1.	A large benign squamous papillomatosis of vulva	Dr. Shilpa. KP Dr. Sheela SR	Indian Journal of Obstetrics and Gynecology	OBG
2.	Lipid profile and its correlation with cervical cancer	Dr. Niharika. N Dr. Gomathy. E	Indian Journal of Obstetrics and Gynecology	OBG
3.	A comparative study of oral, buccal, and vaginal administration of misoprostol following oral mifepristone in the termination of early pregnancy	Dr. Sushmitha Dr. Gayathri Devi	Indian Journal of Obstetrics and Gynecology	OBG
4.	A comparative study of trans cervical foleys catheter versus 50mcg misoprostol for induction of labour	Dr. Swathi Dr. Munikrishna. M	Indian Journal of Obstetrics and Gynecology	OBG



#### Papers and posters presented at various conferences

Sl. No	Year and Place	Conference	Title	Author
1	Bangalore 2015	Gnanavarsha	A rare case of primary ovarian ectopic pregnancy	Dr Charu Yadav
2	Mysore 2015	KSOGA	A rare case of intestinal ectopic pregnancy	Dr Swathi
3	Mysore 2015	KSOGA	Pedunculated subserous fibroid	Dr Sharath Chandra
4	Mysore 2015	KSOGA	Large benign vulval papillomatosis	Dr Shilpa K P
5	2015	Life conference	Life threatening hemoperitoneum from corpus luteal cyst rupture	Dr Sushmitha
6	Mysore 2015	KSOGA	GIST mimicking ovarian carcinoma	Dr Sonal Borker
7	Mysore 2015	KSOGA	A scenario of uterine rupture in unscarred uterus	Dr Neeharika C
8.	Delhi 2016	International conference of critical care in obstetrics	Obstetric outcome in pregnancies a implicated with cardiac disorders	Dr Charu Yadav

#### **DEPARTMENT OF UROLOGY**

#### **VISION**

- To create a Dept of International Standards in patient care, research and urology training.
- To make the Dept "state of the art" Centre for all activities connected with urology.

#### INTRODUCTION

The Dept of Urology was started in the year 2001. Since its inception the Dept is fully active in providing advanced tertiary care to urology patient.

It is one of the busiest Depts in the hospital performing about 50 surgeries per month. The Dept is now well equipped with modern endoscopic gadgets like flexible ureteroscopy, LASERS , laparoscopy and open surgery ready to start super specialist four year residency programme from 2014-15. Facilities like ESWL & Urodynamic available

#### Facilities available:

Out - Patient Dept:Four days a week from 8.30AM to 4.30PM. Remaining Three days OT days. The Department conducts Andrology clinic and male Infertility clinic once a week

#### **Inpatient Care:**

General ward: Separate male and female urology wards with a bed strength of 20 are available with an occupancy rate of more than 90%.

Special rooms are also available.

#### POSTOPERATIVE WARD / SURGICAL ICU

#### **Operation Theater**

Operations are performed on three working days in 2 theaters.

#### **Emergency care**

Round the clock emergency care is provided in coordination with the emergency and surgical department of hospital.

#### THRUST AREAS IDENTIFIED

- Genito- urinary fistulae
- Reconstructive urology: Urethroplasty
- Laparoscopic & Endo –urology
- Lithotripsy (ESWL)

#### TEACHING FACULTY



Lt. to Rt.: Dr. Girish H, Dr. Mohan K, Dr. Ravish I R, Dr. C S Ratkal, Dr. Govardhan Reddy, Dr. Vinay Patil.



SL No	Name	Designation
1.	Dr. Chandrashekar Ratkal	Professor & HOD
2.	Dr. I.R. Ravish	Professor
3.	Dr. Vinay Patil.	Associate Professor

4.	Dr. Mohan. K	Assistant Professor
5.	Dr. Govardhan Reddy. K	Assistant Professor
6.	Dr. Girish H	Assistant. Professor

## **Details of programmes conducted / attended:**

Sl.No	Date	CME Programmes Attended	Name of the Faculty Attended
1	20 Apr 2015	Attended CME in Pediatrics "Evidence based PICU care"	Dr. Girish H Asst. Professor
2	14 Aug 2015	Attended CME in Surgery "CME on Neruo Trauma".	
4	9 Oct 2015	Attended CME in Psychiatry in "Dignity in Mental Health"	Dr. Girish H Asst. Professor
5	18 Oct 2015.	Attended CME in General Medicine in " HIV / AIDS & Hepatiler"	Dr. Girish H Asst. Professor

Sl.No	Date	Conferences Attended	Name of the Faculty Attended
1	19 Jun 2015	Participation in xpanse conference	Dr. C S Ratkal Professor & Hod
2	10 - 12 Jul 2015	Attended South zone SZUSICON 2015 held at Vishakhapatnam	Dr. C S Ratkal & Dr. Girish H
3	26-27 Sep 2015	Attended annual conference of Tamilnadu Urology society	Dr. C S Ratkal
4	1-40ct 2015	Attended international conference on world Congress of Endourology 2015 held at London	Dr. C S Ratkal
5	31 Oct-01 Nov 2015	Attended annual conference of Karnataka Urology society KAUCON 2015	Dr. C S Ratkal & Dr. Girish H
6	7-10Jan 2016	Attended annual Urology conference at Hyderabad (USICON 2016)	Dr. C S Ratkal
7	7-10 Jan 2016.	Attended annual conference held at Hyderabad	Dr. Girish H
8	12-14 feb 2016	Attended Surgery state conference KSCASICON 2016 held at Shimla.	Dr. Girish H

Sl.No	Date	Workshops Attended	Name of the Faculty Attended
1	18 Apr 2015	Attended workshop on RIRS at MS Ramaiah medical College	Dr. C S Ratkal & Dr. Girish H
2	25 Apr 2015.	Attended workshop on UDS & ESWL held at INU	Dr. C S Ratkal
3	18 Apr 2015	Attended workshop on RIRS held at MS Ramaiah medical college	Dr. C S Ratkal
4	20-21 may 2016	Attended workshop on open live operative workshop on Open Urological Surgery	Dr. C S Ratkal
5	18 June 2016.	Attended workshop on BIPOLAR TURP	Dr. C S Ratkal
6	8-9 Aug 2015	Attended workshop on 3D lap endofustion held at PVS hospital Cochin	Dr. Girish H
7	25 Sep 2015	Attended workshop on Newer energy sources in urology held at JIPMER Pondicherry	Dr. C S Ratkal



8	17-18 Oct 2015	Attended workshop on Peadiatric lap endofusion held on at INU Bangalore	Dr. C S Ratkal
9	17-18 Oct 2015	Attended workshop on "Pediatric Lapendo Fusion" held at INU	Dr. Girish H Asst. Professor
10	13 - 14 feb 2016.	Attended workshop Advance in endourology	Dr. Girish H Asst. Professor
11	25-26 June 2016.	Attended on Andrology workshop at KMC Manipal	Dr. C S Ratkal

Sl.No	Date	Papers presented : Oral Presentation	Name of the faculty attended
1	10-12 Jul 2015	Participated Gold Medal Debate at SZISICON held at vizel on Injection Therapy for VU reflux in children is under utilized"	Dr. Girish H Asst. Professor
2	30 Apr 2016.	Attended CME in Biochemistry "Infertility – Recent Diagnostic Advances and Research Trenda" as Guest Speaker	Dr. Girish H Asst. Professor

#### Publications (April 2015 to March 2016): Published

Sl. No	Title of the paper	Authors	Journal	Department
1	To compare the safety and efficacy ofnaftopidil and tamsulosin as medicalexpulsive therapy in combination withdeflazacort for distal ureteral stones	<sup>1</sup> Dr. Chandan K. R, <sup>2</sup> Dr. Girish, H. and <sup>3</sup> Shashirekha, C. A.	International Journal of Current Research March, 2016	<sup>1</sup> Post graduate in General Surgery, Sri Devaraj Urs Medical College, Kolar <sup>2</sup> Department of Urology
2	Prevalence of Prostatic Intraepithelial Neoplasia in Patients Diagnosed as Benign Prostatic Hyperplasia Underwent Transurethral Resection of the Prostate at a Rural Teaching Hospital, India	M V Munireddy1, H Girish2, K Krishna Prasad3, Harsha Rajareddy1	International Journal of Scientific Study   February 2016	<sup>1</sup> Post Graduate in General Surgery, Sri Devraj Urs Medical College, Kolar, Karnataka, India, <sup>2</sup> Assistant Professor, Department of Urology, SDUMC, <sup>3</sup> Professor, Department of General Surgery, SDUMC

#### **DEPARTMENT OF PSYCHIATRY**

#### **VISION**

To be a state-of-art Psychiatric facility in Kolar providing education, service and conducting research and catering to the needs of the community in and around Kolar district

#### **INTRODUCTION**

The Department of Psychiatry was established in 1994 with Dr. K.N Srinivas as the Head of the

Department. Initially the Department offered basic psychiatric services for the needy patients. In July 2001, Dr. Nagendran S took over the charge as Professor and HoD of the Department. During his tenure, a separate Psychiatric ward was established with 15 beds.

In February 2013, Dr. Mohan Reddy took over the responsibilities as the Head of the Department. Under his aegis modified ECT's and psychometric assessments were provided for the patients. The Department has a steady flow of outpatient-inpatients with more psychotherapies and counselling sessions. The



Department has the objective of starting postgraduate MD Psychiatry course shortly. The Department runs specialty clinics like Child guidance clinic, Geriatric clinic, etc.

#### **TEACHING FACULTY**



From (L-R): Dr. Ruth Sneha C, Dr. Mona Nongmeikapam, Dr. Mohan Reddy M, Dr. Jagadish S.N.

#### THRUST AREAS IDENTIFIED

- Community Psychiatry
- Stress management
- Counseling & Psychotherapy
- Mood Disorders
- Suicides
- Volta metric analysis
- Counseling and Psychotherapy
- Anger Management

SL No	Name	Designation
1	Dr. Mohan Reddy M	Professor & HoD
2	Dr. Mona Nongmeikapam	Assistant Professor
3	Dr. Ruth Sneha C	Lecturer
4	Dr. Jagadish S.N	Clinical psychologist
5	Dr. Srinivas Reddy	SeniorResident

#### Details of programmes conducted / attended:

Sl.No	Date	CME / Awareness programme	Name of the Faculty Attended
1	10 Sep 2015	World Suicide Prevention Day –	All staff attended
		an awareness programme	
2	10 Oct 2015	CME on " Dignity in Mental Health"	All Staff attended

Sl.No	Date	CME Attended	Name of the Faculty Attended
1	2 Nov 2015	12th conference World Association for Psychological Rehabilitation held at Seoul, Korea (International)	Dr. Mona Nongmeikapam
2	21 Jan 2016	Annual National Conference of Indian Psychiatric society held at Bhopal, India (National)	Dr. Mona Nongmeikapam
3	24 Nov 2015	International Conference on Medical and Social Sciences organized by Indian Academy of Social Science held at Mysore, India (National)	Dr.C. Ruth Sneha

Sl.No	Date	Workshop Attended	Name of the Faculty Attended
1	25-30 Sep 2015	73rd National Teacher's Training Conference organized by Department of Medical Education, JIPMER, Puducherry	Dr. Mona Nongmeikapam
2	21-23Sep 2015	Revised Basic Medical Education Technology at St.John's Medical College, Bangalore	Dr. Mona Nongmeikapam
3	23-25 Mar 2015	Fellowship In Medical Education	Dr. Mona Nongmeikapam
4	12 Sep 2016	Network for Integrated Behavioral Science, organized by NIMHANS, Bangalore	Dr. Mona Nongmeikapam



Sl.No	Date	Paper Presented	Name of the faculty attended
1	2 Nov 2015	"Effect of supportive psychotherapy on the incidence of post- partum depression" at World Association for Psychological Rehabilitation 2015	Dr. Mona Nongmeikapam
2	4 Nov 2015	"Work related stress and job satisfaction among doctors working in rural hospital in Kolar" at the International conference Medical and Social Science held at Mysore, India (National)	Dr.C. Ruth Sneha
3		"Deliberate self harm and psychiatric morbidity in tertiary care hospital – A cross sectional study" in Annual National Conference of Indian Psychiatric Society	Dr.C. Ruth Sneha

## Research Projects (On going):

Sl. No	Project No.	Title of the Research Project	Principal investigator & department
1	SDUAHER/ Res. Project / 51/ 2011-12	Use of medical student stressor questionnaire (MMSQ) In assessing the incidence of stressamong dergraduates in medical college Kolar and quantify the wastage – a longitudinal study	Dr. Mohan Reddy
2	SDUAHER/ Res. Project / 54/ 2011-12	Psychiatric morbidity in Intensive Care Units patients	Dr. Mohan Reddy
3	SDUAHER/ Res. Project / 55/ 2011-12	Awareness and attitude towards mental illness among a rural population	Dr. Mohan Reddy

## Research Project (New):

Sl. No	Date	New Research Project	Principal Investigator
1	20 Nov 2015	Influence of DRD2 gene for susceptibility to alcohol dependency	Dr. Mohan Reddy M

### **Publications:**

Sl. No	Title of the paper	Authors	Journal	Department
1	Effect of tobacco on cognitive function in elderly people - a pilot study	Dr.Sumithra Sudhakarhody Dr.Karthiyanee Kutty Dr.Mohan Reddy Dr. Ruth Sneha	J Clin Biomed Sci 2015; 5(1):17-20, 17.	Physiology Psychiatry



#### **DEPARTMENT OF PAEDIATRICS**

#### **VISION**

- To be one of the best academic centres of Pediatrics
- Compassionate care and just not cure is the motto of Pediatric Department

#### INTRODUCTION

The department of Pediatrics comprising of three units – The general pediatric units in R.L.Jalappa was established in 1987. The department has developed over a period of years and is known for being compassionate to children and their parents, paying attention to holistic development of a child, updating and using the latest developments in the field, so much so that difficult cases from other places in and around Kolar district are referred to the department. Apart from diagnosing and treating serious and complicated illnesses, it is working towards increasing the number of preventive and rehabilitative services offered.

- Pediatric ward is 90 bedded with additional 10 beds in PICU and has 8500 admissions per year.
- OPD runs between 8.30 AM and 4.30 PM with 40,000 outpatients per year.
- Neonatal Intensive Care Unit (NICU) is a 25-bedded unit, with around 800 admissions a year

#### THRUST AREAS IDENTIFIED

- Retinopathy Of Prematurity screening in newborn
- Vitamin D supplementation and Micronutrient fortification for Immunity Status
- Molecular studies in congenital malformations
- Educational research -360 degree evaluation of interns

#### **TEACHING FACULTY**



**I Row:** Dr.Bhanuchand, Dr.Sudha Reddy,Dr,K,N,V, Prasad, Dr.Krishnappa,Dr.BeereGowda,Dr.James

**II\_Row:** Mr. Appaiah Gowda, Dr.Rakesh , Dr.Supriya,Dr. Jahanavi, Dr.Harisha, Dr.Anusha,Dr.Murali,Dr.Vinay

III Row: Dr.Rithesh, Dr.Suman, Dr.Sahil Chowdary, Dr.Roshith, Dr.Jyothi, Dr.Shruthi, Dr.Rani, Dr. Kushma, Mr Narayana.

SL No	Names	Qualification	Designation
1.	Dr.K.N.V. Prasad	MBBS,MD,MRCPCH(UK)	Professor
2.	Dr.Beeregowda.Y.C	MBBS,MD	Professor
3.	Dr.Sudha Reddy.V.R.	MBBS,MD	Professor
4.	Dr.Krishnappa.J	MBBS,MD	Professor
5.	Dr.Bhanuchand.P	MBBS,MD	Assoc- Professor
6.	Dr.James Daniel	MBBS,MD	Asst Professor
7.	Dr.Jahnavi	MBBS,MD	Asst Professor
8.	Dr.Anusha Deepthi	MBBS,MD	Asst Professor
9.	Dr.Yellappa Gowda	MBBS,MD	Asst Professor
10.	Dr.Challa Harisha	MBBS,M.D	Sr, Resident
11.	Dr.Ramanajaya	MBBS,MD	Sr, Resident
12.	Dr.K.Sharief	MBBS,MD	Sr, Resident
13.	Dr.Ambresh.A	MBBS,D.C.H	Sr, Resident
14.	Dr.Satish.k	MBBS,D.C.H	Sr, Resident



15.	Dr. Jyothi	MBBS	Post Graduate/Junior Resident
16.	Dr.Hima Bindu	MBBS	Post Graduate/Jr Resident
17.	Dr. Rani.K.N.	MBBS	Post Graduate/Jr Resident
18.	Dr.Sahil Chaudhary	MBBS	Post Graduate/Jr Resident
19.	Dr.Gudepu Rakesh	MBBS	Post Graduate/Jr Resident
20.	Dr. Vinay Kumar	MBBS	Post Graduate/Jr Resident
21.	Dr. Kusuma	MBBS	Post Graduate/Jr Resident
22.	Dr.Shaik Sanaullah	MBBS	Post Graduate/Jr Resident
23.	Dr.Dasari Supriya	MBBS	Post Graduate/Jr Resident
24.	Dr.Shruti.A	MBBS	Post Graduate/Jr Resident
25.	Dr.Kota Venkata Suman	MBBS	Post Graduate/Jr Resident
26.	Dr.Ritesh Veerlapati	MBBS	Post Graduate/Jr Resident

## **Details of programmes conducted/attended:**

Sl.No	Date	CME Programmes Conducted	
1	20 Apr 2015	Evidence Based Pediatric Intensive Care	
2	21 Sep 2015	Paediatrics Outpatient Department Practices	
3	19 Feb 2016	Rationale Use of Antibiotics	

Sl.No	Dates	Conferences Attended	Name of the faculty attended
1.	28-30 Aug 2015	Paediatric Critical conference-2015	Dr. K N V Prasad Dr Beeregowda Y C
2.	27 Jan 2015	Karnataka State Pediatric Conference-2015	Dr. K N V Prasad
3.	19-20 Mar 2016	Consortium of Accredited Health Care organization -2016	Dr. K N V Prasad Dr Beeregowda Y C Dr.Bhanuchand
4.	08 Mar 2015	East Zone Paediatrics Conference-2015	Dr Sudha Reddy V R at Imphal, Manipur State

Sl.No	Dates	Workshops Attended	Name of the faculty attended
1.	25 Aug2015	AT-COM module sensitization, St John's Medical College.	Dr. K N V Prasad
2.	26-28 Aug 2015	Revised Basic Course (MET) Workshop St John's Medical College.	Dr. K N V Prasad
3.	21-23 Apr 2016	Internal Counsellor Programme on NABH programme, Kolar.	Dr. K N V Prasad Dr. Sudha Reddy VR

## Research Projects (On going):

Sl. No	Project No.	Title of the Research Project	Principal investigator & department
1.	External funded project by ITC (No,DMC/KLR/IEC/ 124/15-16)	Randomized Trial of effect of micronutrient fortified biscuit on immunity status among school children in Rural Kolar (Karnataka)	Dr. K N V Prasad, Paediatrics



2		A study of clinic-epidemological and laboratory profile of Dengue fever in a tertiary care center	Dr.Krishnappa, Dr.Harisha, Paediatrics,
3	DMC/KLR/IEC/161 /15-16	"Assessment of patient satisfaction about tele- rehabilitation services for developmental disability among children attending tele-rehab clinic at SDUMC, Kolar".	Dr. K N V Prasad, Paediarics.

## **Research Projects (Applied):**

Sl. No	Project No.	Title of the Research Project	Principal investigator & department
1		Observational Study: Estimation of total sialic acid in serum and urine, and the sialic acid associated with Urinary Tamm-Horsfall Protein in Paediatric subjects with Urinary tract Infection with age & gender matched healthy individuals	Dr. K N V Prasad, Dr.Sudha Reddy.V.R

## MD/MS Dissertations / Ph.D. thesis (topics given during 2015-16 batch)

Sl. No	Name of the student	Guide	Topic
1	Dr. Rani KN	Dr. K N V Prasad	A comparative study on developmental screening in children by using INCLEN and ICMR psychosocial screening tool.
2	Dr.Kusuma	Dr.Beeregowda Y.C	A prospective study on early morbidity patterns of late preterm neonates admitted in rural tertiary care center
3	Dr.Shruthi A	Dr Krishnappa J	Acute febrile illness in children aged 1 month to 18 years admitted to tertiary care centre in south India

## Publications (April 2015 to March 2016): Published

Sl. No	Title of the paper	Authors	Journal	Department
1.	Parotid abscess in children – A tertiary rural hospital experience	M Lakshmi Narayana, SM Azeem Mohiyuddin, K Mohammadi, AV Devinkar, K N V Prasad.	International Journal of Pediatric Otorhinolaryngology	ENT & Paediatrics
2	Molecular Delineation of Partial Trisomy 14q and Partial Trisomy 12p in a Patient with Dysmorphic Features, Heart Defect and Developmental Delay	Divya Bose <sup>1</sup> Venkatesh Krishnamurthy <sup>2</sup> K.S. Venkatesh <sup>3</sup> Mohamed Aiyaz <sup>2</sup> Mitesh Shetty <sup>1</sup> Sudha N. Rao A.V.M. Kutty1	Cytogenetic and Genomic Research April 2015;	<sup>1</sup> Allied Health Sciences, <sup>2</sup> External Faculty Paediatrics
3	Familial Kikuchi- Fujimoto disease.	Krishnappa J1, Bharath Reddy1 Harsha PJ,1 Prasad CSB2.	Journal of Clinical and Scientific Research 2015;4:40-4.	<sup>1</sup> Paediatrics <sup>2</sup> Pathology
4	Polydactyly in Pfeiffer Syndrome II-OMIM #101600 A Rare Association	Deepa Kundargi, K. N. V. Prasad, Shilpa C	Journal of Evidence based Medicine and Healthcare; Volume 2, Issue 11, March 16, 2015;Page:1702-1704.	Paediatrics



5	Factors affecting	Dr.Chandra .G. Sarat	Indian Journal of Public	Paediatrics
	Exclusive Brest feeding	Dr.Hari A Sri	Health Research &	
	after counseling at a	Dr. Susheela C	Development:	
	rural area		2015 :6 (2): 50-4.	

#### **Accepted for Publication**

Sl. No	Title of the paper	Authors	Journal	Department
1	A Study of cord blood albumin in predicting neonatal jaundice	Dr.Harisha, Dr.Sudha Reddy, Dr.shashidhar	Accepted for publication on Oct 5: 2015 in JEMDS	PEDIATRIC, BIOCHEMISTRY

#### ACHIEVEMENTS / HONORS / AWARDS / FELLOWSHIPS IF ANY DURING THE YEAR

 Faculty - Dr. K N V Prasad, Prof & HOD - Fellowship In Medical Education (FIME 2015 batch) offered by Medical Council of India.

# DEPARTMENT OF OTORHINOLARYNGOLOGY

#### **VISION**

 To be one of the best academic centres of Otorhinolaryngology, Head & Neck Surgery that imparts knowledge and surgical training in the field.

#### **INTRODUCTION**

ENT has emerged as a vital specialized branch that deals with the Surgical and Medical care of patients irrespective of the demographic variations. The field of ENT has diversified enormously with the advent of sophisticated instruments and improved imaging techniques.

Compassionate care and not just cure is the motto of ENT Dept. It comprises of two units – one general ENT unit and one unit for Head & Neck oncosurgery. This Dept was established in 1986 and has developed over a period of years and is known for being compassionate, attentive and empathetic. Dept is constantly updating the latest developments in the field, so much so that difficult cases from other places in and around Kolar district as well as from the neighboring states are referred here. Apart from diagnosing and treating serious and complicated illnesses, it is working towards increasing the number of preventive and rehabilitative services offered.

Post graduate courses were started in the year 1997. There is an annual intake of four MS ENT students and two DLO students. The Dept has also been conducting a two year Post Doctoral Fellowship Course in Head &Neck Oncosurgery. ENT ward is 60 bedded with constant bed occupancy rate of over 80%.

OPD runs between 8.30 AM to 4.30 PM with emergency treatment round the clock.

#### THRUST AREAS IDENTIFIED

- To develop excellence in head and neck cancer surgeries.
- To tie up with molecular scientists and thereby develop a link between pure science and head and neck surgical oncology.
- To develop expertise in microvascular reconstruction and LASER surgeries.
- To ensure that all faculty members are specialized in at least one sub specialty by deputing them for training at premier institutions in the country/ abroad.

#### **TEACHING FACULTY**



1st Row Setting: L to R: Dr.Sindhura. Dr.Chandrakala.
Dr.Vinay Babu, Dr.Azeem Mohiyuddin Dr. K.C.Prasad.
Dr.Prashanth Babu. Dr.Kouser Mohammadi.
Dr.Abhishek.C.Nayak.

**2nd Row Standing : L to R :** Dr.Swapanthi Dr.Prathyusha Koneru.Dr.Anjali, Dr.Induvarsha Dr.Pooja Harsha Dr.Manna Jose

**3rd Row Standing : L to R :** Dr.Pradeep Krishna.Dr.Vikas. Dr.Ashok. Dr.Abhinov, Dr.Rickey. Dr.Reji Mathew.Dr.Linu Thomas



SL No	Name	Designation
1.	Dr. S.M.Azeem Mohiyuddin	Professor & HoD
2.	Dr. Prasad K. C.	Professor
3.	Dr. Vinay Babu S	Assoc. Professor
4.	Dr. Chandrakala S	Assoc. Professor
5.	Dr. Kouser Mohammadi	Asst. Professor
6.	Dr. Prashanth Babu A	Asst. Professor
7.	Dr. Sindhura S	Asst. Professor
8.	Dr. Harshita T R	Senior Resident
9.	Dr. Ashok	Junior Resident/Tutor
10.	Dr. Reji	Junior Resident/Tutor
11.	Dr.Pooja	Junior Resident/Tutor
12.	Dr.Rickey	Junior Resident/Tutor

13.	Dr.Abhinov	Junior Resident/Tutor
14.	Dr. Shashank	Junior Resident/Tutor
15.	Dr. Linu	Junior Resident/Tutor
16.	Dr. Vikas	Junior Resident/Tutor
17.	Dr.Abhimanyu	Junior Resident/Tutor
18.	Dr.Manna	Junior Resident/Tutor
19.	Dr Pradeep	Junior Resident/Tutor
20.	Dr. Indu	Junior Resident/Tutor
21.	Dr. Prathyusha	Junior Resident/Tutor
22.	Dr. Anjali	Junior Resident/Tutor
23.	Dr. Mansheer	Junior Resident/Tutor
24.	Dr. Swapanthi	Junior Resident/Tutor
25.	Ms. Apoorva	Audiologist

## **Details of programmes conducted/attended:**

Sl.No	Date	CME Programmes Conducted
1	4 - 6 Mar 2016	Head and Neck Oncology Update
2	10 - 12 Jun 2016	Malignancies of Oral cavity and Thyroid- Live surgical workshop & cadaveric dissection

Sl.No	Dates	CME/Conference	Name of the faculty attended
1	26 Jul 2015	Update on Head & Neck Cancers, MENTS, Bangalore.	Dr. S.M.Azeem Mohiyuddin
2	22-23 Aug 2015	HNOCON KMC 2015, Kasturba Medical College, Mangalore.	Dr. S.M.Azeem Mohiyuddin as chairperson and panelist for different sessions.
3	22- 23Aug 2015	HNOCON KMC 2015, Kasturaba Medical College, Mangalore	Dr. Divya Jyothi
4	4 - 6 Sep 2015	AOIAPCON-2015, Sri Venkateshwara Medical College, Tirupati	Dr. S.M.Azeem Mohiyuddin as Chairperson for Panel Discussion
5	4 - 6 Sep 2015.	AOIAPCON-2015- Annual Conference at Tirupati	Dr. Lakshmi Narayana
6	18 -20 Sep 2015	33rd AOIKON 2015-presented paper on Chorda Tympani Retractor -Simple, stable & fearless- an innovation. Bangalore	Dr. K.C. Prasad
7	18 -20 Sep 2015	33rd AOIKON 2015Bangalore	Dr. Lakshmi Narayana
8	18 -20 Sep 2015	33rd AOIKCON -2015 Bangalore	Dr. S.M.Azeem Mohiyuddin as Moderator
9	19 - 21 Feb 2016	Workshop on Temporal Bone Dissection, Basavangudi ENT Care Centre, Bangalore.	Dr. Harshita T R
10	1 - 4 March 2016	49th Workshop on Rhinoplasty- Lakdikapul, Hyderabad.	Dr. Shuaib Merchant



## **Research Projects (Completed):**

Sl. No	Title of the Research Project	Principal investigator
1	Gustatory function in middle ear disease (mucosal) before and after tympanoplasty.	Dr.Khaja Naseeruddin
2	Effectiveness of supraclavicular artery island flaps in reconstructing head and neck defect	Dr. S.M.Azeem Mohiyuddin
3	Comparison of efficacy between radiotherapy and chemoradiation in post operative locally advanced oral squamous cell carcinoma (T3 and T4a)	Dr.S.M.Azeem Mohiyuddin
4	Hypothyroidism in treatment of Head and Neck cancer	Dr.Sagayaraj. A.

## **Research Projects (Ongoing):**

Sl. No	Title of the Research Project	Principal investigator
1	Role of otoendoscopes as an adjunct tool in canal wall up mastoidectomy for cholesteatoma.	Dr Chandrakala
2	Evaluation of central compartment lymph nodes for metastasis in thyroid cancer with No neck nodes	Dr Azeem Mohiyuddin S M
3	Evaluation of supramandibular facial lymph nodes for metastasis in carcinoma buccal mucosa	Dr Azeem Mohiyuddin
4.	Quantitative assessment of interleukin-6 levels in benign, premalignant and malignant lesions of oral cavity.	Dr Azeem Mohiyuddin
5.	Perioperative nutrition: Impact on wound healing in head and neck cancer patients.	Dr Divya Jyothi
6.	Evaluation of change in threshold of smell after tracheostomy	Dr Azeem Mohiyuddin
7.	Prevention of surgical site infection in head and neck surgery: Chlorhexidine vs povidone iodine	Dr Azeem Mohiyuddin
8.	Effect of neoadjuvant chemotherapy on locoregional control in locally advanced oral cancers.	Dr Azeem Mohiyuddin
9.	Studies on histone and non-histone protein modifications in oral cancer: Implications in therapeutics	Dr Tapas K Kundu and Dr S.M Azeem Mohiyuddin

## Research Projects (new):

Sl. No	Title of the Research Project	Principal investigator
1.	Audiometric and tympanometric assessment of patients	Dr Azeem Mohiyuddin
	undergoing radiotherapy for oral cancers.	

## MD/MS Dissertations / Ph.D. Thesis

Sl. No	Title of Dissertation	Name of PG Student	Name of the Guide
1	Ph.D Thesis - "Study of tumor suppressor gene mutations and their association with epigenetic factors in oral squamous cell cancers."	Prof Azeem Mohiyuddin S.M.	Prof Gopinath K.S



2	Outcome of surgical resection of locally advanced oral malignany extending to infratemporal fossa.	Dr. Pooja Harsha	Dr S M Azeem Mohiyuddin
3	Effect of pterygopalatine fossa injection with 2% lignocaine and 1:8000 aerenaline in minimizing bleeding during endoscopic sinus surgery.	Dr . Reji Mathew Varghese	Dr. Chandrakala
4	A clinical study of etiopathogenesis of management of hoarseness of voice.	Dr. Rickey Sam Abraham	Dr. Vinay Babu
5	Evaluation of mandible for tumour involvement in case of carcinoma of gingivo buccal sulcus complex.	Dr. Balan Ashok	Dr. Sagayaraj A
6	Evaluation of mucociliary activity in maxillary antra in patients with squamous cell carcinoma of buccal mocosa undergoing postoperative radiotherapy.	Dr. Abhimanyu K.	Dr S M Azeem Mohiyuddin
7	Comparison of interlay and underlay grafting technique in chronic suppurative otitis media.	Dr. Manna Jose	Dr. Chandrakala
8	Lymphnode ratio and its correlation with primary site of depth of oral cavity squamous cell carcinoma.	Dr. Linu Thomas	Dr S M Azeem Mohiyuddin
9	Comparison in hearing improvement after incus transposition and myringostapediopexy ossiculoplasty.	Dr. Shashank	Dr. K.C. Prasad

## **Published Articles:**

Sl. No	Title of the paper	Journal	Authors
1	Evaluation of histomorphological and immunohistochemical parameters as biomarkers of cervical lymph node metastasis in squamous cell carcinoma of oral cavity - A retrospective study.	Journal of Oral and Maxillofacial Pathology : 2015;19(1):18-24	Dr Suresh T, Dr Hemalatha A, Dr Harendra Kumar M. L, Dr Azeem Mohiyuddin S.M.
2	Parotid abscess in children - A tertiary rural hospital experience.	Int J Pediatric Otorhinolaryngol. 2015 Dec;79(12):1988-90	Dr Lakshmi Narayana M, Dr Azeem Mohiyuddin SM, Dr Mohammadi K, Dr. Devnikar AV, Dr. Prasad KN
3	Neoadjuvant chemotherapy: role in locoregionally advanced oral cancers	Int J Med Sci Public Health. 2015; 4(6)	Dr. Nanda MS, Dr. Azeem Mohiyuddin SM.
4	Gustatory function in Chronic middle ear disease (mucosal type) before and after tympanoplasty.	Eur Arch Otorhinology (2016).doi:10.1007/s00405-016-4211-2.	Anjali Krishna, S Vinaya Babu, SM Azeem Mohiyuddin, Khaja Naseeruddin.
5	Effectiveness of supraomohyoid neck dissection in oral cancers with N1 neck.	Int J Head Neck Surg 2015;6(2):73-75.	Harshita TR, Mohiyuddin SMA, Sagyaraj A, Suresh TN, Merchant S.
6	Ewing's sarcoma of maxilla: A rare presentation.	Int J Head Neck Surg 2015;6(2):96-98.	Mohiyuddin SMA, Deo RP, Jyothi DN, Kumar HML, Sagyaraj A.



7	Evaluating usefullness of 5-aminolevulinic acid induced fluorescence to guide biopsy of oral cancers and premalignant lesions.	Int J Head Neck Surg 2015;6(2):64-68.	Ramachandra M, Mohiyuddin SMA, Suresh TN, Sagyaraj A, Merchant S
8	Clinicopathological study of surgical margins in squamous cell carcinoma of buccal mucosa.	World Journal of Otorhinolaryngology-Head and Neck Surgery (2016) 2, 17-21	SM Azeem Mohiyuddin, B VageeshPadiyar, TN Suresh, Kouser Mohammadi, A Sagayaraj, Shuaib Merchant, Mahnaaz Sultana A.
9	Role of buccal pad of fat in reconstruction of the buccal mucosa defects.	Indian J Otolaryngol Head Neck Surg. DOI 10.1007/s12070-016- 1005-1	A Sagayaraj, N Divya Jyothi, SM Azeem Mohiyuddin, Ravindra P Deo, B Vageesh Padiyar
10	Monophasic synovial sarcoma of the lower eye lid: Rare tumour involving rare site.	Int J of Head Neck Surg 2015;6(4):190-192.	S.M Azeem Mohiyuddin, Sagyaraj A, Harshita TR, Suresh TN.

#### ACHIEVEMENTS / HONORS / AWARDS / FELLOWSHIPS IF ANY DURING THE YEAR

#### a. Faculty:

Dr. Lakshmi Narayana, Sr. Resident, ENT bagged "Dr. Singari Prabhakar Gold Medal" for best presentation by Junior Consultants at APAOI Annual Conference held at Tirupati for the year 2015.

#### b. Postgraduates:

Dr. Harshita T.R- SDUAHER Gold Medal in Surgery & Allied (MS) in 2015.

#### DEPARTMENT OF DENTISTRY

#### **VISION**

- To provide the best work place in alleviating human oral suffering
- To be efficient, effective, community acceptable and excel in our service rendered.

#### **INTRODUCTION**

The Department was established in the year 1996 under the able guidance of Dr.Girish Sharma. The Department plays an important role in society as a provider of preventive, restorative and curative clinical services i.e., comprehensive care to the public at large. Urbanization, increasing levels of education and standard of living and better health consciousness are bound to make Dental Department an important discipline in medical college.

Under the above guidelines, the main motto of the Department of Dentistry is "Oral health for a wholesome health". This is spread to the masses by means of well-organized school and Community Dental Health education programs. All the above activities help in creating awareness among the rural population. This has all the potential to change the very scenario of dentistry and oral health status for the good.

#### THRUST AREAS IDENTIFIED

- Maxillofacial trauma
- Periodontal Surgery
- Implant dentistry

#### **TEACHING FACULTY**



**Staff names from left seated :** Dr Deepa. C, Dr Deepika. Kenkere, Dr Srinath.K.S, Dr Manjula. R, Dr Arathi. A. V, Dr Harshitha.K. R, Dr. Roopa.K. S.



SL No	Name	Designation
1.	Dr. Deepika. Kenkere	Professor & HOD
2.	Dr. Deepa.C	Assistant Professor
3.	Dr. Harshitha.K.R	Assistant Professor

4.	Dr. Srinath.K.S	Assistant Dental Surgeon
5.	Dr. Roopa.K.S	Junior dental surgeon
6.	Dr. Manjula.R	Tutor
7.	Dr.Arathi	Tutor

#### **Details of Attended:**

Sl.No	Date	CME / Awareness programme	Name of the Faculty Attended
1.	24-26 Jun 2016	AO (Arbeitsgemeinschaft Fur Osteosynthesefragen) symposium on Advances in TMJ Disorders and Management in Mumbai	Dr Deepika. Kenkere

#### **Research Projects (Completed):**

Sl. No	Project No.	Title of the Research Project	Principal investigator & department
1.	No.DMC/KLR/IEC/ 12/2014-15 Dated 14/8/2014	Etiology and pattern of mandibular fractures in and around Kolar district: a retrospective study.	Dr. Harshitha.K.R Department of Dentistry

#### **Research Projects (On going):**

Sl. No	Project No.	Title of the Research Project	Principal investigator & department
1.	No.DMC/KLR/IEC/	Sexual dichotomy of canine teeth among	Dr. Deepa.C
	45/2016-17	south Indian population using canine	Department of Dentistry
	Dated 05/7/2016	distal accessory ridge: a nonmetric trait	

#### Publications (April 2015 to March 2016): Published

Sl. No	Title of the paper	Authors	Journal	Department
1.	Etiology and pattern of mandibular fractures in and around Kolar district: a retrospective study.	Dr. Harshitha.K.R Dr Mallika Reddy Dr. Srinath.K.S	International Journal of Applied Research 2016; 2(4): 562-565.	Department of Dentistry

# UNIVERSITY DEPARTMENT OF MEDICAL EDUCATION

#### **VISION**

- To offer High Quality Faculty Development Programs
- High Quality Medical Education at Sri Devaraj Urs Medical College

#### **INTRODUCTION**

Faculty development in medical education is gaining momentum in India. Medical teachers are the architects and builders of students' behaviour using

a standard curriculum. They are also the curricular developers and transactors and thus have a pivotal role in shaping the future medical students. An 'effective' teacher will be one who is 'competent' (has knowledge and skill) and is a 'performer' (can use knowledge and skill in a classroom) to accomplish 'teacher goal'. The Medical Education Unit was established in order to strengthen the quality of medical education delivered.

The Medical Education Unit was established in 1997 with Dr. N. Shantharam in-charge of the Unit. It was upgraded to a full fledged department- "University Department of Medical Education" in June 2014. Dr. Sarala N is the current Director of the Department.





Workshop on Microteaching for PGs (MD/MS 2014-15 batch) 26-05-2015



Orientation & Research Methodology Workshop for PGs (2015-16 Batch) from 27th – 29th July 2015



Research Methodology Workshop for PGs (2015-16 Batch) 27th – 29th July 2015



Foundation Course for I MBBS Students (2015-16 Batch) 21st – 26th August 2015



Orientation Course for II MBBS students (2014-15 batch) on 02-09-2015



National Education Day Celebration on 11-11-2015 Sri. N Sathyaprakash, an Educationist



Orientation Course for Interns (2016 batch) 10-3-2016



Panelist for "Enhanced role of MEU Translation just Workshop to Practice2016 JSS Medical College, Mysuru 27th to 28th Feb 2016



#### THRUST AREAS IDENTIFIED

- Curricular Reforms (Competency Based Curriculum)
- Microteaching
- OSPE/OSCE

- Formulation of MCQs
- E- Learning
- Workplace-based Assessment (Mini-Cex & DOPS)
- Leadership

Sl. No	Name Of The Faculty	Department	Designation
1	Dr. Harendra Kumar M L	Principal, SDUMC and Professor of Pathology	Chairman
2	Dr. N Sarala	Professor & HoD of Pharmacology	Director
3	Dr. S R Prasad	Professor of Microbiology	Member
4	Dr. V Lakshmaiah	Professor of Medical	Member
5	Dr. Vinutha Shankar M S	Professor & HoD of Physiology	Member
6	Dr. C Muninarayana	Professor of Community Medicine	Member
7	Dr. Suresh T N	Professor of Pathology	Member
8	Dr. K N V Prasad	Professor & HoD of Paediatrics	Member
9	Dr. M Mohan Reddy	Professor & HoD of Psychiatry	Member
10	Dr. Prasanna Kamath B T	Professor of Community Medicine	Member
11	Dr. Sudha Reddy V R	Professor of Paediatrics	Member
12	Dr. Geetha S	Assistant Professor of Physiology	Member
13	Dr. Mona Nongmeikapam	Assistant Professor of Psychiatry	Member

#### **TEACHING FACULTY**



Sitting Lto R: Dr. Muninarayana C, Dr. Vinutha Shankar M S, Dr. Lakshmaiah V, Dr. Harendra Kumar M L, Dr. Sarala N, Dr. S R Prasad and Dr. K N V Prasad

**Standing L to R:** Dr. Sudha Reddy V R, Dr. Mona Nongmeikapam, Dr. M Mohan Reddy, Dr. T N Suresh, Dr. Geetha S and Dr. Prasanna Kamath B T

**Conference attended:** 01 (Participants - 08) 02 (As a Panelist / Chairperson)



Sl.No	Date (s)	Conferences	Name of the Faculty Attended
1	27th -28th Feb 2016	National Conference in Medical Education, JSS Medical College, Mysuru	Dr. Sarala N Dr. Vinutha Shankar M S Dr. Suresh T N Dr. Geetha S Dr. Venkateshu K V Dr. Shashidhar Dr. Ashwini N S
			Dr. Bhuvana K

### **Workshop Conducted:**

Sl.No	Date	Activity	
1	26th May 2015	Workshop on Microteaching for PGs (MD/MS 2014-15 batch)	
2	27th July 2015	Orientation Programme for PGs 2015-16 batch	
3	28th-29th July 2015	Research Methodology Workshop for PGs (MD/MS) 2015-16 batch	
4	21st-22nd Aug 2015 & 24th-27th Aug 2015	Foundation Course for I MBBS Students 2015-16 batch	
5	2nd Sept 2015	Orientation Course for II MBBS Students 2014-15 batch	
6	11th Nov 2015	National Education Day	
		Guest Lecture on "Skill Awareness & Empowerment" on the occasion of Birth Anniversary of Bharat Rathna Maulana Abul Kalam Azad, By- Sri Sathya Prakash, Educationist, Bangalore	
7	2nd Dec 2015	<b>Guest Lecture</b> on "Skill Awareness & Empowerment" on the occasion of Birth Anniversary of Bharat Rathna Maulana Abul Kalam Azad,	

Sl.No	Dates	Workshop Attended	Name of the faculty attended
1	17th-19th April 2015	2nd Contact session of the MCI Advance Course in Medical Education at St. John's Medical College (MCI-RC), Bangalore	Dr. Suresh T N Dr. Sudha Reddy V R
2	25th-28th Aug 2015	Sensitization programme of AT-COM Module and Revised Basic Course Workshop at St. John's Medical College MCI Nodal Centre, Bangalore	Dr. Sarala N Dr. KNV Prasad
3	21st-26th Sept 2015	73rd National Course on Educational Sciences for Teachers of Health Professionals at JIPMER, Puducherry	Dr. Mona Nongmeikapam
4	13th-17th Oct 2015	1st Contact programme Fellowship in Medical Education (FIME) at St. John's Medical College MCI- Regional Center, Bangalore	Dr. K N V Prasad Dr. Prasanna Kamath B T
5	16th Dec 2015	Observer for Revised Basic Course Workshop at St. John's Medical College MCI Nodal Centre for Medical Education, Bangalore	Dr. Sudha Reddy V R
6	16th-18th Dec 2015	Revised Basic Course Workshop in Medical Education Technology at St. John's Medical College MCI Nodal Centre, Bangalore	Dr. Mona Nongmeikapam



7	8th-13th Feb 2016	74th National Course on Educational Sciences for Teachers of Health Professionals at JIPMER, Puducherry	Dr. Ananta Bhattacharyya Dr. Sujatha M P
8	26th Feb 2016	Pre Conference Workshop ICT enabled teaching at National Conference in Medical Education, JSS Medical College, Mysuru	Dr. Suresh T N
9	26th Feb 2016	Pre Conference Workshop  1. Educational Research I – Fundamentals  2. Ethics in Medical Education at National Conference in Medical Education, JSS Medical College, Mysuru	Dr. Shashidhar K
10	21st – 24th Mar 2016	Sensitization programme of AT-COM Module and Revised Basic Course Workshop at St. John's Medical College MCI Nodal Centre, Bangalore	Dr. Vinutha Shankar M S Dr. Muninarayana C

### **Paper Presented: Poster Presentation**

Sl.No	Dates	Conference	Name of the faculty attended
1	27th-28th Feb 2016	National Conference in Medical Education, JSS Medical College, MysuruPerception of Medical interns towards the skills acquired	Dr. Sarala N
2	27th-28th Feb 2016	National Conference in Medical Education, JSS Medical College, MysuruStudent and faculty perception regarding open book tests in Physiology	Dr. Vinutha Shankar M S
3	27th-28th Feb 2016	National Conference in Medical Education, JSS Medical College, MysuruKnowledge, attitude and practice of specific learning objective among Teaching Medical faculty	Dr. Suresh T N
4	27th-28th Feb 2016	National Conference in Medical Education, JSS Medical College, Mysuru Perception and attitude of students regarding part completion tests (PCT)	Dr. Bhuvana K

## **Research Projects (Completed):**

Sl. No	Project No.	Title of the Research Project	Principal investigator	Department
1	E/C No. 53/2013-14	Mini clinical exercise evaluation (Mini Cex): students and faculty members perception	Dr. Sudha Reddy V R	Paediatrics
2	E/C No. 54/2013-14	Knowledge, attitude and practice of specific learning objectives among Teaching Medical faculty	Dr. T N Suresh	Pathology
3	E/C No. 68/2014-15	Breaking bad news an experience among health professionals	Ms. Megha Mohan Ms. Manpreet Kaur Dr. Sarala N	Pharmacology
4	E/C No. 60/2014-15	Perception of Medical interns towards the skills acquired	Dr. Meenakshi Lella	Pharmacology



5	E/C No. 80/2015-16	Problem Based Learning (PBL) as the tool for comprehensive learning of communicable and non-communicable diseases by the students of 6th term students of MBBS	Dr. Prasanna Kamath B T	Community Medicine
6	E/C No. 152/2015-16	1 "3600/Multisource feedback (MSF) as a tool for assessment and improvement of Intern's performance – An interventional Study	Dr. K N V Prasad	Paediatrics
7	E/C No. 09/2015-16	Perception and attitude of students regarding part completion tests (PCT)	Dr. Bhuvana K	Pharmacology
8	E/C No. 174/2015-16	Student and faculty perception regarding open book tests in Physiology	Dr. Vinutha Shankar M S	Physiology

#### **Research Projects (On-going):**

Sl. No	Project No.	Title of the Research Project	Principal investigator	Department
1	E/C No. 24/2014-15	Is computer assisted learning superior to the conventional methods in understanding the principles of blood grouping?	Dr. Geetha S	Physiology
2	E/C No. 42/2015-16	Mind mapping as learning tool in anatomy for undergraduates	Dr. Vinay Kulkarni Dr. Shashidhar K Dr. Venkateshu K V	Anatomy
3	E/C No. 31/2016-17	Objective structured practical examination (OSPE) as a tool for formative assessment in Community Medicine	Dr. Muninarayana C	Community Medicine
4	E/C No. 34/2016-17	Effectiveness of using video- assisted teaching compared to traditional didactic lectures in teaching psychiatry amongst undergraduates	Dr. Mona Nangmeikapam	Psychiatry

#### ACHIEVEMENTS / HONORS / AWARDS / FELLOWSHIPS IF ANY DURING THE YEAR

#### **Faculty:**

- Dr. Suresh T N and Dr. Sudha Reddy V R were awarded Fellowship in Medical Education (FIME) from St. John's Medical College, MCI- Regional Center, Bangalore
- Dr. Sarala N was panelist for "Enhanced role of MEU- Translation from just workshop to Practice" at National Conference in Medical Education, JSS Medical College, Mysuru from 27-28 Feb 2016
- Dr. Vinutha Shankar M S, was a Chairperson at National Conference in Medical Education, JSS Medical College, Mysuru from 27-28 Feb 2016.



# DEPARTMENT OF ALLIED HEALTH SCIENCES

#### **VISION**

• Honing skills of allied health care professionals for healthy humanity

#### **INTRODUCTION**

The Dept of Allied Health Sciences (AHS) was established in the year 2010 as a new initiative to provide courses of vocational nature. The primary focus is to prepare Allied Health Professionals to perform for the wellbeing of the mankind with commitment and dedication. The department aims to become a leader in Allied Health Sciences education and continues to grow and expand its activities.

The Dept offers six Post Graduate degree, two Post Graduate Diploma, five Under Graduate and threeCertificate programmes besides Ph.D. and M.Phil programmes under the Faculty of Allied Health Sciences on obtaining academic and administrative approval from the Academy.

The Dept has a total strength of 245 students that consists of 231 students in B.Sc. Allied Health Sciences, 4 in M.Sc. Medical Laboratory Technology and 10 students in Bachelor of Physiotherapy.In addition, the Dept has established a Self Financing Unit (SFU) of NSS with requsite infrastructure.

#### THRUST AREAS IDENTIFIED

- Proteins isolation, Purification and Characterization
- Enzymology
- Oxidative stress and antioxidants research in Preeclampsia
- Research on new markers in Preeclampsia

#### **TEACHING FACULTY**

SL No	Name	Designation	
1.	Dr. A.V.M. Kutty	Dean	
2.	Dr. C. D. Dayanand.	Co-ordinator & Head	
3.	Miss I. Mary Shobha Rani	Research Assistant	
4.	Dr Kavitha Rani	Physiotherapist	
5.	Mr Saravanan	Physiotherapist	
6.	Mr. Suresh/Dr. Vinay Kulkarni	Lecturer, Anatomy	
7.	Mrs. Usha G Shenoy	Lecturer, Physiology	
8.	Dr.Geetha	Assistant Professor, Physiology	
9.	Mrs. Mamatha Kundar	Lecturer, Biochemistry	
10.	Dr. Mamatha Kale	Assistant Professor, Microbiology	
11.	Dr Savitha	Assistant Professor, Microbiology	
12.	Dr. Swaroop Raj	Assistant Professor, Pathology	
13.	Dr Hemalatha	Associate Professor, Pathology	
14.	Dr. Shivarajan	Assistant Professor, Radiotherphy	
15.	Dr Nabakumar singh	Associate Professor, Radiodiagnosis	
16.	Dr. Anand Thalikote	Professor, Anesthesiology	
17.	Dr Kiran	Associate Professor, Anesthesiology	
18.	Dr. Jaykumar J.K	Assistant professor, Pharmacology	
19.	Dr. Usha	Associate Professor, Ophthalmology	
20.	Dr Raghavendra Prasad	Professor, Medicine	
21.	Mr. N.S. Murthy.	Course Coordinator of Application Technology	

#### **Details of programmes conducted / attended:**

Sl.No	Date	Conferences Attended	Name of the Faculty Attended
1	16-26 Nov 2015	2nd International Scientific e-Conference 2015 conducted by Texila American University.	Dr. C. D. Dayanand

Sl.No	Date	Papers presented : oral presentation	Name of the faculty Attended
1	2-3 Mar2016	"Is Pongamia pinnata Linn- A conventional plant has inhibitory effect on Clinical pathogens "in South Zone Regional Student Research Convention-Anveshan held at Sri Sankaracharya University of Sanskrit, Kalady, Kerala.	Mary Shobha Rani Inala



## **Research Projects (Completed):**

Sl. No	Project No.	Title of the Research Project	Principal investigator & department
1		Antibacterial activity of flavonoids extracted from seeds of pongamia pinnata linn on Methicillin Resistant Staphylococcus Aureus".	Mary Shobha Rani, Dr C.D.Dayanand, Dr P.M. Beena, Dr AVM Kutty.

## **Research Projects (On going):**

Sl. No	Project No.	Title of the Research Project	Principal investigator & department
1		Add on biochemical markers of endothelial dysfunction in type 2 diabetes patients with and without clinical complications-A biochemical evaluation	Dr. Mamatha Kunder, Dr. C.D.Dayanand Dr. AVM Kutty
2		Evaluation of Bactericidal effect of Karanjin isolated from Pongamia Pinnata seed comparison with Vancomycin against MRSA.	Mary Shobha Rani.I, Dr. C.D.Dayanand, Dr Beena PM, Dr AVM. Kutty
3		Evaluation of antibacterial activity of flavonoids on Multi drug resistant gram negative bacteria.	Mary Shobha Rani.I, Dr CD Dayanand, Dr Beena PM, Dr AVM. Kutty

## MD/MS Dissertations / Ph.D. Thesis (topics given during 2015-16 batch)

Sl. No	Name of the student	Guide	Co-guide (if any)	Topic
1	Dr Shilpa	Dr. Munikrishna	Dr. C.D.Dayanand	Serum Vitamin D levels in term
				pregnancy

#### **Publications: Published**

Sl. No	Title of the paper	Authors	Journal	Department
1	Maternal thyroid hormones and atherogenic potency in preeclampsia in Kolar	Dr. Aparna, C.D.Dayanand, S.R.Sheela,	British Journal of Medicine & Medical Research 2015:10(4): 1-8.	Allied health Sciences
2	Evidence of antibacterial activity by flavonoids isolated from seeds of Pongamia Pinnata Linn on Methicillin Resistant Staphylococcus Aureus from the clinical isolates.	Miss. Mary Shobha Rani.I, C.D. Dayanand, P.M.Beena, AVM Kutty	British Microbiology Research Journal. 2015: 10(1): 1-8.	Allied Health Sciences



3	Is Xanthine Oxidase, a marker in preeclampsia? A case- control study.	Mrs. Vanishree Bamabrana, Dr. C.D.Dayanand Dr. Pushpa kotur	Journal of Clinical and Diagnostic Research. 2015: 9(10):1-3.	Biochemistry & Allied Health Sciences
4	Is Ischemia modified Albumin is a marker in Preeclampsia? A case control study in Kolar population south west of India.	Dr. C.D. Dayanand, Mrs. Vanishree Bambrana, Miss.Mary Shobha Rani	American Journal of Pharmacy and Health Research. 2015:3(6): 85-90	Biochemistry and Allied Health Sciences

#### Publications (April 2015 to March 2016): Accepted for Publication

Sl. No	Title of the paper	Authors	Journal	Department
1	Relationship between plasma elastase, phospholipase A2 and high sensitivity C - reactive protein in non Pregnants, pre and post-partum of normal Pregnants and preeclampsia.	Mrs. Vanishree Bambrana, Dr. CD Dayanand, Dr. SR Sheela	Asian Journal of Pharmeceutical and clinical research. (Accepted for publication 2017; 10:1.)	Biochemistry and Allied Health Sciences

#### RESEARCH AND DEVELOPMENT

#### **VISION**

 To strive and become an advanced centre for research in medical and allied fields

#### INTRODUCTION

After the conferment of a Deemed to be University status to Sri Devaraj Urs Academy of Higher Education and Research in 2007, it was necessary to strengthen the area of research to meet and sustain the concept of the university status by way of generating new ideas and knowledge. To achieve this, the Research and Development wing was established in the year 2008 to coordinate all the research related activities of the Academy. Research and Development section identifies and motivates the staff of the Academy to engage in Research and publish the findings in quality national and international journals.

In order to accomplish the goal the University has constituted the following committees

- 1. University Research Committee
- 2. University Subcommittee for Research
- 3. Central Ethics Committee
- 4. Research & Development Committee

The university has a Central Ethics Committee constituted as per Drugs and Cosmetics rules -1945 and is registered with Drug Controller General of India (Notec/425/Inst/KA2013).

#### THRUST AREAS IDENTIFIED

- Molecular studies in congenital malformation
- · Oral cancer research
- Community health research- cervical cancer, fluorosis, health status of gold miners
- Proteomics
- Treatment protocol development in cardiac arrest

#### **Present Administration:**

1. Prof.(Dr.) C.V.Raghuveer - Vice chancellor

2. Dr.A.V.M.Kutty – Registrar and Dean of allied health sciences and R&D.

3. Dr. PR Krishnaswamy – Scientific advisor, SDUAHER

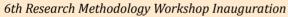
4. Dr.T.N Suresh – Co-ordinator, R&D



## **Details of programmes conducted:**

Sl.No	Workshop Conducted	Resource Persons
1	6th Research Methodology Workshop on 18th and 19th of September 2015. 36 teaching staff of Sri Devaraj Urs Medical College attended the workshop 19.09.2015	<ol> <li>Dr.PF. Kotur, Honourable Vice Chancellor</li> <li>Dr. TN Suresh Coordinator (R&amp;D)</li> <li>Dr. N Sarala, Prof&amp; HOD of Pharmacology</li> <li>Dr. Satish Ramachandra Rao, Professor,         Dept. of cellular Biology &amp; Molecular Genetics.</li> <li>Dr. Ramraj Urs, Director of Library</li> <li>Dr. Muninarayan, Prof. &amp; HOD of Community         Medicine</li> <li>Dr. S.R.Prasad, Director of PG</li> <li>Dr. Pushpa Kotur, Professor of OBG</li> </ol>
2.	Workshop on "Writing a Scientific article for Publication" on 5/3/2016. 42 teaching staff attended the workshop	<ol> <li>Dr.PF. Kotur, Honourable Vice Chancellor</li> <li>Dr. SR Prasad. Director of PG studies</li> <li>Dr. Bharath NIMHANS, Bengaluru</li> <li>Dr. Anitha Mahadevan Professor of Neuropathology NIMHANS</li> <li>Dr. Madhuresh Advinus therapeutics, Bengaluru</li> </ol>







Workshop on "Writing a Scientific article for Publication

## **Ongoing University Funded Research Projects**

Sl. No	Project No.	Title of the project	Investigators Detail
1.	SDUAHER/Res. Proj/ 103/2015-16	"Occurrence of mutations in Nuclear Localization Signal motif of TP53 gene in Oral squamous cell carcinoma	Mrs. Deepa Rajesh Research Assistant Dept. Of Cell Biology and Molecular Genetics
2.	SDUAHER/Res. Proj/ 104/2015-16	Screening and molecular characterization of beta-thalassemia in anemic pregnant women."	Dr. Mitesh Shetty Visiting Faculty Research Assistant Dept. Of Cell Biology and Molecular Genetics
3.	SDUAHER/Res. Proj/ 105/2015-16	"Clinical & Microbiological profile of Acute Febrile Illness among Patients attending a Teaching Hospital	Dr.Aravind Natarajan Associate Professor Dept. Of Microbiology
4.	SDUAHER/Res. Proj/ 106/2015-16	Quantitative assessment of interleukin-6 levels in benign, premalignant and malignant lesions of oral cavity	Dr. S.M Azeem Mohiyuddin Professor & HOD Otorhinolaryngology and Head & Neck surgery



5.	SDUAHER/Res. Proj/ 107/2015-16	Utilisation of cancer cervix screening services with /community participation – A randomized community based trial	Dr.B.G.Ranganath Professor of comm.Medicine
6.	SDUAHER/Res. Proj/ 109/2015-16	Effectiveness of functional transparent model of larynx as a teaching and learning media	Dr.Venkateshu.K.V Professor and HOD Department of Anatomy
7.	SDUAHER/Res. Proj/ 108/2015-16	Evaluation of change in threshold of smell perception after tracheostomy.	Dr. S.M Azeem Mohiyuddin Professor & HOD Otorhinolaryngology and Head & Neck surgery
8.	SDUAHER/Res. Proj/ 110/2015-16	Estimation of total sialic acid in serum and urine, and the sialic acid associated with Urinary Tamm-Horsfall Protein in patients across multiple disease conditions and in healthy individuals.	Dr.Satish.P.Ramachandra Rao Assistance Professor Dept. Of Cell Biology and Molecular Genetics
9.	SDUAHER/Res. Proj/ 111/2015-16	"Trabeculectomy and trabecular aspiration to treat pseudo exfoliation glaucoma – a randomized control trial."	Dr.Usha Professor Dept. Of Ophthalmology
10.	SDUAHER/Res. Proj/ 112/2015-16	"Comparison Of Optical Coherence Tomography And Humphrey Visual Field In Early Glaucoma Diagnosis - Observational Study."	Dr.Usha Professor Dept. Of Ophthalmology
11.	SDUAHER/Res. Proj/ 113/2015-16	"Effect of heparinized irrigation solution on post- operative inflammation after cataract surgery in Diabetics- A randomized control study."	Dr.Usha Professor Dept. Of Ophthalmology Tamaka, Kolar - 563 101
12.	SDUAHER/Res. Proj/ 114/2015-16	Perioperative nutrition – Impact on wound healing in head and neck cancer patients.	Dr.Divya Jyothi.N Senior Resident and fellow Cell & MolecularBiology
13.	SDUAHER/Res. Proj/ 115/2015-16	Isolation and characterization of lectin from Eugenia jambolana Lam.	Dr.Kiranmayee.P Scientist D Division of Genomics Dept. Of Cell Biologyand Molecular Genetics
14.	SDUAHER/Res. Proj/ 116/2015-16	Effect of Integrated Yoga in elderly type 2 diabetic with cognitive impairment	Dr. Venkatarathnamma PV Professor Dept. of Medicine, SDUMC, Kolar
15.	SDUAHER/Res. Proj/ 117/2016-17	A randomised controlled clinical trial to assess the efficacy of prior-prepared bed of pure type-1 collegen matrix in receiving in-house cultured keratinocyte autograft.	Dr.S.R.Vijayalakshmi Professor & HOD Dept. of Plastic Surgery

### **Publications:**

Sl. No	Title of the paper	Authors	Journal	Department
1.	Incidental hypoglycemia with suspected high spinal in a case for emergency caesarian	Mohammed Shahid Ravi Madhusudhana Archana Keshav – Raichurkar	Journal of Clinical and Diagnostic Research 2015; 9(1): 1-2	Anaesthesiology



2.	Prescribing Pattern of Antimicrobials in Patients during Post-Operative Period- An Observational Study	Revathi R <sup>1</sup> Sarala N <sup>1</sup> Bhaskaran A <sup>2</sup>	British Journal of Medicine & Medical Research 2015; 5(10): 1213-1219 Article No.BJMMR. 2015.137 July- October	Pharmacology <sup>1</sup> Surgery <sup>2</sup>
3.	Fixed Drug Eruption - A Study in Tertiary Care Hospital	Sarala N <sup>1</sup> Harish S <sup>1</sup> Bhuvana K <sup>1</sup> Rajendra O <sup>2</sup>	American Journal of Pharmacy and Health Research 2015; 3(1): 310-314 ISSN:2321-3647	Pharmacology <sup>1</sup> External faculty <sup>2</sup>
4.	Correlation between fasting insulin and blood pressure in obese and non-obese middle aged Indian adults	Raja Reddy P <sup>1</sup> Lakshmaiah V <sup>2</sup> Karthiyanee Kutty <sup>1</sup> Madhavi Reddy M <sup>2</sup>	Indian Journal of Applied Research 2015; 5(2): 522-525	Physiology1 Medicine2
5.	Molecular analysi of PRRT2 gene in a case of paroxysmal kinesiegenic dyskinesia patient	Prabhakr S <sup>1</sup> Kolandaswamy A <sup>2</sup>	Annals of Indain Academy of Neuorolgy 2015; DOI 10.4103/0972- 2327-144039 October – November-2014	Genome Lab1 External 2
6.	Evidence of paternal N5 N 10 methylene tetralydrofolate reductase (MTHFR) C677T gene polymorphism in couples with RSA in kolar district A south west of India	Shiny vinalla Dayanand C.D* Pushpha Kuttur Pradeep Kumar Vegi	Journal of clinical and diagnostic Research 2015; 9 (2) 15-18 ISIIF 1.0 pubmed & scopus Doi:10.78680/jcdr /2015/10856.5579	AHS OBG Anatomy Biochemistry
7.	Bilateral Congenital sensorineural hearing deafness, Structure brain anomalies and fibroid uterus in two sisters: a new autosomal recessive syndrome?	Santhoshi, Malkarnekar, Raveesha Anjanappa, Naveen L, Yugandhar Reddy,	International Journal of biological and medical research 2015;6(1):4817-4819.	Medicine
8.	Assessment of supplementary Nutritional Programme in Anganawadi Centre of Kolar District, Karnataka State	Nagaraj GM Ravishankar S Anil NS Muninarayana C	Indian Journal of public health research & development April – June 2015;6(2) Page:161-165	Community Medicine
9.	Accidental Decapitation; a Case Report	Umesh Babu R Kiran J	International Journal of Medical Taxicology and Forensic Medicine. 2015;5(1) Page:36-8	Forensic Medicine



10.	Papillary Muscles Rupture as Delayed Sequelae of Trauma	Umesh Babu R Gayathri- Bachenahatti N	International Journal of Medical Taxicology and Forensic medicine 2015;5(1) Page:32-35	Forensic Medicine Pathology
11.	Infection by Carbapenemase Producing Enterobacteriaceae in a Rural Tertiary Care Hospital, Karnataka: Prevalence, Treatment Options Outcome	Trupthi Gowda, Subba Rama Prasad, Soham Gupta, Hiresave Srinivasa, Benna PM,	International Journal of health sciences and research April;2015;5(4) ISSN:2249-9571 Page:90-96	Microbiology External Member
12.	Role of "Cellular Swirls" In the Cytodiagnosis of Papillary Carcinoma Thyroid	Yashaswini R, Suresh T.N, Mohan Kumar K, Harendra Kumar M.L.	IOSR journal of Dental and Medical Sciences (IOSR-JDMS) April 2015;14(4) ISSN-2279-0861 Page:7-10	Pathology Surgery
13.	Traumatic L4-L5 Spondylolisthesis with Vertical Shear Fracture of Pelvis: A Case Report	Anil Kumar.S.V, Vinod Kumar .M, Samarth Arya, Manohar.P.V.	International Journal of Pharma and Bio Sciences,; 2015 April 6(2): (B) 15-20.2.958	Orthopaedics
14.	Total hip arthroplasty in idiopathic chondrolysis of the hip : A Case report	Anvesh kondlapudi Anil Kumar.S.V, Manohar.P.V , Samarth Arya.	International journal of biomedical and advance research 2015 June 6(2) Page:173-175	Orthopaedics
15.	A safe alternative in Neurofibromatosis for Lower Limb Surgeries: Combined Femoral and Sciatic Nerve Block	Mohammed Shahid, Bon Sebastain	Journal of Clinical Diagnostic research. 2015 May Vol 9(5):	Aneasthesiology
16.	Molecular Delineation of Partial Trisomy 14q and Partial Trisomy 12p in a Patient with Dysmorphic Features, Heart Defect and Developmental Delay.	Divya Bose D <sup>1</sup> , Venkatesh Krishnamurthy V, Venkatesh KS, Mohamed Aiyaz , Mitesh Shetty M, Sudha N Rao, Kutty AVM.	Cytogenetic and Genome Research. 2015 Apr 16. DOI:10.1159/ 000381294 Page:1-5	Genome Lab
17.	A Comparative Study of clonidine and Gabapentin for Attenuating Hemodynamic Responses to Laryngoscopy an Tracheal Intubation	Ananya Nanda, Dinesh,K ,Krishnamurthy, Ravi Madhusudhana, Somashekaram Patil.	IOSR Journal of Dental and medicale sciences Volume :14(4) (April 2015). Pp:110-117	Anaesthesiology



18.	Evaluation of Histomorphological and immunohisto- chemical parameters as biomarkers of cervical lymph node metastasis in squamous cell carcinoma of oral cavity: A retrospective study	Suresh TN, Hemalatha A, Harendra Kumar ML, Azeem Mohiyuddin SM.	Journal of Oral Maxillofacial Pathology Jan-April-2015 DOI:10.4103/0973- 029X.157195 Vol;19(1) Page:18-25	Pathology ENT
19.	A study of Prevalence of Depression among College Students of Kolar District, Karnataka State	G.M.Nagaraj, Anil.N.S, S.Ravishankar, Muninarayana.C.	International Journal of Health Science & Research Vol;5(6) Page:60-66	Community Medicine
20.	Study of self- medication patterns among medical and nursing student In deemed medical university	Shivani Sama, Mahesh V, Muninarayana C, Anil N.S.	International journal of basic and applied medical sciences ISSN:2277-2103 (online) 2015; Vol.5(1) January-April Page:280-284	Community Medicine
21.	Blood donation awareness and beliefs among medical and nursing students	Suchetha Singh, Muninarayana Chandrappa Mahesh Venkatesh, Anil.N.S,	International journal of medicl science and public health DOI:10.5455/ijmsph. 2015.04032015274 April,2015:4(10)	Community Medicine
22.	Study of Distribution of malassezia species in patient with pityriasis versicolor in kolar region, Karnanataka	Archana BR, Beena PM, Shiavakumar.	Indain journal of Dermatology 2015;Vol:60 Page	Microbiology
23.	Study on cardiovascular risk Factor among tertiary hospital employees	Raja Reddy, Ravessha A, Madhavi Reddy M, Anil N S, Prasanna Kamath BT,	Journal of medical Science and clinical Research Vol;3(7): 2015	Physiology Medicine Community Medicine
24.	Primary pulmonary cryptococcosis in an immunocompetent patient.	Manjula K,Purushotham, C. S., B. R. Chinaiah, Harendra Kumar Malligere Lingaiha.	Clin Cancer Investig Journal 2015   Volume : 4   Issue : 3   Page : 365-367 DOI: 10.4103/2278-05 13.156853	Pathology
25.	Warthin-like variant of papillary thyroid carcinoma: A diagnosis not to be missed	Gopal Reddy Shilpa <sup>1</sup> , Rajendra Yashaswini <sup>1</sup> , Chinaiah S. B. R. Prasad <sup>1</sup> , K Mohan Kumar <sup>2</sup> .	Clin Cancer Investig J Year : 2015   Volume : 4   Issue : 3   Page : 381-383 DOI: 10.4103/2278-05 13.154265	Pathology Surgery



26.	Serum creatine phosphokinase as predictor of intermediate syndrome in organophosphorus poisoning	G. Chetan Kumar, K. Bhuvana, P. N. Venkatarathnamma, <sup>1</sup> and N. Sarala.	Indian J Crit Care Med. 2015 Jul; 19(7): 384–387.	Pharmacology Medicine
27.	Factors Affecting Exclusive Breastfeeding, after Counselling at a Rural Health Centre.	Chandra G Sarat <sup>1</sup> , Hari A Sri <sup>2</sup> , Susheela C <sup>3</sup> .	Indian Journal of Public Health Research & Development Year: 2015, Volume: 6, Issue: 2 First page: (50) Last page: (54) Print ISSN:0976-0245. Online ISSN:0976-5506. Article DOI: 10.5958/ 0976-5506.2015.00072.8	Paediatrics
28.	An unusual case of hematemesis in a patient with type 1 diabetes mellitus	Krishna Prasad Anne*, Vidya Sagar. C.R. and Reddy Prasad. K.	International Journal of Advances in Scientific Research ISSN: 2395-3616 (Online) Journal DOI: 10.7439/ijasr	General Medicine
29.	Os Trigonum syndrome – A case report	M.C. Vinod Kumar Reddy*, Prabhu E, Khalid and N. S Gudi	International Journal of Biomedical and Advance Research ISSN: 2229-3809 (Online) Journal DOI: 10.7439 /ijbar CODEN: IJBABN	Orthopedics
30.	Prevalence and risk factors of diabetic retinopathy in a rural population of South India	A. Tanuja , B. S Guruprasad , K. Prashanth , Indranath Prasad.	Int J Diabetes Dev Ctries DOI 10.1007/s13410 -014-0276-x Received: 25 May 2012 /Accepted: 20 December 2014 # Research Society for Study of Diabetes in India 2015	Ophthalmology
31.	Role of Efficient Field Workers in Prevention of Cataract Blindness through Community Outreach Programmes	Rashmi NR¹, Narendra P. Datti².	International Journal of Health Sciences & Research (www.ijhsr.org) 44 Vol.5; Issue: 4; April 2015	Ophthalmology PG Ophthamology
32.	Primary amenorrhoea: a diagnostic dilemma	Deepika Narasegowda <sup>1*</sup> , Arun Kumar <sup>2</sup> , K. S. Aparna <sup>1</sup> .	International Journal of Reproduction, Contraception, Obstetrics and Gynecology Narasegowda D et al. Int J Reprod Contracept Obstet Gynecol. 2015 Jun;4(3):924-926 www.ijrcog.org	OBG



33.	Anaesthesia For A Case Of Rheumatic Heart Disease With Prosthetic Valve And Deranged Coagulation Profile Posted For Emergency Craniotomy	1 Kiran Nelamanagala, 2 Ravi Madhusudhana*, 3 Dinesh Krishnamurthy, 4 Anand Tippanna Talikoti,	World Journal of Pharmaceutical ResearchVol 4, Issue 05, 2015. Revised on 16 March 2015, Accepted on 09 April 2015	Forensic Medicine
34.	Cutaneous manifestations in patients undergoing haemodialysis for end stage renal disease	Gupta Uphar, Raghavendra Prasad B. N, Vidyasagar C. R, Vaishnavi Alam, Harish B. V.	J of Evolution of Med and Dent Sci/eISSN- 2278-4802, pISSN- 2278-4748/Vol. 4/ Issue 34/Apr 27, 2015	Medicine
35.	Polydactyly in pfeiffer syndrome ii-omim #101600 a rare association.	Deepa Kundargi, K. N. V. Prasad, Shilpa C.	J of Evidence Based Med & Hlthcare, pISSN- 2349-2562, eISSN- 2349-2570/ Vol. 2/Issue 11/ Mar 16, 2015	Paediatric
36.	Effect of Tobacco on Cognitive Function in Elderly People – A Pilot Study	Sumitra Sudharkodhy, Mohan Reddy*, Ruth Sneha, Karthiyanee Kutty .	J Clin Biomed Sci 2015; 5(1):17-20 17	Physiology Psychaitry
37.	Intravenous paracetamol as an adjunctive analgesic in post-operative pain management after total abdominal hysterectomy.	Sujatha M P, Nataraj M S, U. Kailasnath Shenoy, Ravi M.	IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) e-ISSN: 2279-0853, p-ISSN: 2279-0861. Volume 14, Issue 4 Ver. I (Apr. 2015), PP 88-92 www.iosrjournals.	Anaesthesiology
38.	A rare benign tumor and an Associated malignancy: case report of ovarian fibroma with sex cord elements and uterine endometrioid adenocarcinoma	G.Shilpa, E.Gomathy, M.L.Harendra Kumar, M.Anil Kumar Sakalecha.	The journal of obstetrics and gynecology of india	Radiology OBG Pathology
39.	Prevalence of anemia among pregnant women in rural population of Kolar district.	Ravishankar Suryanarayana, Anil Navale Santhurm, Muninarayana Chandrappa, Prathima Shivajirao,	International journal of medicla science and pblic health 2015;5(3)	Community Medicine
40.	Prediabetes awareness and practice among indian doctors-A cross- sectional study	Asha Basavareddy, Ashwath Shruti Dass, Sarala Narayana.	Jornal of clinical diagnostic Reseaarch 2015; 9(8) 1-3	Pharmacology
41.	Radicular cyst: A Case Report	Harshith.K.R, Varsha V.K, Deepa.C.	International journal of applied dental sciences;2015;1(4): 20-22	Dermatology



42.	Is xanthine oxidase, a marker in pre- eclampsia? A case- Control Study	Vanishree Bambrana, C.D.Dayanand, PushpaP,Kotur.	Journal of clinical and diagnostic research 2015; October 9(10)1-3	AHS OBG
43.	Evaluation of Maternal Thyroid hormone status and atherogenic potency in pre eclampsia in Kolar district-A south west of India.	Aparna, S.R.Sheela, C.D.Dayanand, Nagarjuna Sivaraj,	British journal of medicine & Medical Research 2015; 10(4)1-8	OBG Biochemistry AHS
44.	A case of dicephalus conjoined male twins	Krishnaveni.C Changalvala Sridevi N Srinivasreddy Shiny Vinila B.H Mallikarjuna B Sanikop	International journal of scientific research 2015;4(7):ISSN no-2277-8179	Anatomy
45.	Synostsis of first manubriocostal (sternocostal) Joint-A Rare case report	Ashwini.N.S, Venkateshu.K.V, Harshith Gowda.KB.	International journal of recent scientific research 2015;6(6):Page; 4668-4671 June 2015	Anatomy
46.	Anatomical study of pulmonary fissures and lobes	Divya.C, Venkateshu.K.V, Swaroop Raj B.V.	International journal of recent scientific research 2015;6(6):Page;4554- 4557 June 2015	Anatomy Pathology
47.	Nasal carriage of staphylococcus aures among the interns before and after posting in the department of surgery at a tertiary care hospital	Priyanka majety, puah soo huan, lim shu syi, Sahana S. Murthy.	2015 Journal of the academy of clinical microbiologist published bu wolters Kluwer-Medknow	Microbiology
48.	Anaesthetic management of Ludwig's angina with comorbities	Mp.Sujatha, Ravi madhusudhana, K.S.Amrutha , Neha Nupoor.	Indian Journal of Anaesthesia/ Vol.59 (10), October 2015	Anaesthesiology
49.	Pregnancy associated breast carcinoma: A diagnostic dilemma.	Shilpa , Vikranth Suresh Nandurkar, Surresh T.N, Mohan Kumar.K.	International journal; of recent Scientific Rresearch Vol.:6(11) Page:7533-75354 November,2015	Pathology Surgery
50.	Role of conservative management of traumatic chest injuries: A retrospective study & review of literature. Original Article	Pramod.T, Shashirekha.C.AChandan.T, Harsha. R.	International Journal of scientific study/ November 2015. Vol:3(8) Page:147-150 Doi:10.17354/ijss /2015/528	Surgery



51.	Blood lacate levels as prognostic marker in sepsis.	Dr. Raveesha. A, Dr. Rahul .V, Dr. Prabhakar.K, Dr. Lakshmaiah.V, Dr. Raghavendra Prasad BN, Dr. Reddy Prasad.K.	European journal of pharmaceutical and medical research.	Medicine
52.	Parotid abscess in children – A Tertiary rural hospital experience.	M. Lakshmi Narayana, S.M.Azeem Mhiyuddin, Kouser Mohammadi, Anushka.V. Devinkar, K.N.V.Prasad	Internastional journal of pediatric otorhinolaryngology 79:2015 Page:1988-1990s	ENT Microbiology Pediatrics
53.	Evaluating usefulness of –Aminolevulinic acid induced flurescence to guide biopsy of oral cancers and premalignant lesions.	Manaswini Ramachandra, S.M.Azeem Mohiyuddin, T.N.Suresh, A Sagayaraj, Shuaib Merchant	International journal of head and neck Surgery 2015:6 (2)64-68	ENT Pathology
54.	Ewing's Sarcoma of maxilla : A Rare Presentation.	S.M.Azzem Mohiyuddin, Ravindra P Deo, Divya.N, Harendra Kumar.M.L, A Sagayaraj,	International journal of head and neck Surgery 2015:6 (2)96-98	ENT Pathology
55.	Effectiveness of supraomohyoid neck dissection in oral cancers with N1 neck.	TR. Harshita, S.M.Azeem Mohiyuddin, A . Sagayaraj, T.N.Suresh, Shuaib Merchant.	International journal of head and neck Surgery 2015:6 (2)73-75	ENT Pathology
56.	Clinical outcome of emergency laparoitomy: our experience at tertiary care centre	Viveknand K.H, Mohankumar.K, Prakash Dave, Vikranth S.N, T.N.Suresh.	International Journal of biomedical and advance research 2015: 6(10): Page: 709-714	Surgery Pathology
57.	Effect of Intravenous Dexmedetomidine on Prolongation of Intrathecal Spinal Anaesthesia With 0.5% Hyberabaric Bupivacaine.	Nikhila R1, Nachiketha Rao K2, Ravi M3, Dinesh K4	IQSR Journal of Dental and Medical Sciences (IOSR-JDMS) e-ISSN:2279-0853, p-ISSN:2279-0861, Volume 14, Issude II Ver. IX (Nov. 2015), PP58-64 www.iosrjournals.org	Anaesthesiology
58.	A comparative study of epidural ropivacaine 0.75% alone with ropivacaine plus fentanyl and ropivacaine plus clonidine for lower abdominal and lower limb surgeries	Sindhu Baglur S1, Dinesh K2, Ravi M*3, Somasekharam p4	IQSR Journal of Dental and Medical Sciences (IOSR-JDMS) e-ISSN:2279-0853, p-ISSN:2279-0861, Volume 14, Issue 12 Ver. X (Dec. 2015), PP19-26 www.iosrjournals.org	Anaesthesiology



59.	Pre-Treatment with different concentrations of Lignocaine for alleviation of pain with propofol injection.	Ravi.M, Sujatha .M.P., Dinesh.K., Supriya T.C. Nitin. R.R	AJMR2015;1(7):17-20	Anaesthesiology
60.	Phytochemical investigation of Caralluma attenuates (Wight) roots.	Kiranmayee P*1, Anitha K2 and Usha R3.	International Journal of Pharmacognosy and Phytochemical Research. 2015; 7(5); 1120-1024	Genome lab
61.	Acute Encephalitis Syndrome in India- Japanese Encephalitis, Polluted water and malnutrition. In Editorial.	Ranganath BG.	Journal Clin Biomed Sci 2015; 5(2):52-53.	Community medicine
62.	Comparative study of epidural ropivacaine 0.75% alone with ropivacaine plus fentanyl and ropivacaine plus clonidine for lower abdominal and lower limb surgeries.IOSR-	Sindhu Baglur S, Dinesh K, Ravi M, Somasekharam P. A	IOSR-JDMS 2015;14 (12):19-26.	Anaesthesiology
63.	Yoga for promotion of health: conference held on Internation day of yoga – 2015 at Kolar.	Ananta Bhattacharay, Nitin Patil and Muninarayana C.	Journal of Ayurveda Integrative Medicine 2015; 6:305-06	Integrative medicine Community medicine
64.	Jatropha Curcas poisoning: A Case report. International	Ananta Bhattacharay, Aparajita Mookherjee, Abdur Rahman.	Journal of Scientific Research 2015; 4(5).	Community medicine
65.	Antibacterial activity of Flavonoids extracted from seeds of pogamia pennata linn on methicillin resistant stephalococcus aureus	Mary Shobha Rani, CD Dayanand, Nagarjuna Sivaraj, P.M. Beena, AVM Kutty	British Microbiology Research Journal 2015; 10(1):1-8.	Genome lab AHS Microbiology
66.	Our Experience in Amniotic Membrane Transplatation for Ocular Surface Disorders – At A Regional Ophthalmic Centre In South India.	Vidyadevi M, Anuradha A,. Prasanna Kamath.	IQSR Journal of Dental and Medical Sciences e-ISSN:2279-0853, p-ISSN:2279-0861, Volume 14, Issue 6 Ver. VI (June 2015), PP 85-90.	Community medicine
67.	Successful Pregnacy outome in a primigravida with twin gestation with complete situs inversus: A rare case report.	Vijayalakshmi C, Sheela SR.	International Journal of Multidisciplinary Research and Development Volume:2 Issue:4, 220-221 April 2015	OBG



68.	Urogenital Vascular Anomalies with Bilateral Kinking of Ureter: A Case Report.	Suresh Tadipi, Roshni Sadashiv, Sangeeta, Maegyvear PIMID.	Malays J Med Sci. Nov-Dec 2015; 22(6) 67-70.	
69.	A Comparative Study of Ondansetron with Dexamethasone and Granisetron with Dexamethasone for Prevention of Post Operative Nausea and Vomiting following Abdominal Surgeries under General Anaesthesia.	Rakesh Bendre, Dinesh Karthik, Somasekharam Potli, Ravi Madhusudhana.	WJPPS.2015;4(3): 605-620.	Anesthesiology
70.	Anesthetic management of a patient with ischemic hear disease posted for open reduction internal fixation of the upper limb. Karnataka	Rajendra N, Madhusudhana R.	Anaesth J 2015; 1(2):69-71.	Anesthesiology
71.	A rare presentation of bilateral papilledema in a patient with cerebral arteriovenous malformation.	Donthi Krishnamurthy, Narendra P Datti, K Kanthamani Purnima Hegde	J Clin Biomed Sci 2015 5(2)83-85	Ophthalmology Radio diagnosis
72.	Awareness and knowledge on eye donation among college students in Kolar region.	Preeti Biradar, K. Kanthamani, Dilip Kumar K.	International Journal of Research in Health Sciences. Oct-Dec 2015 Volume-3, Issue-4, Suppl 1.	Ophthalmology
73.	Effect of short term integrated approach of yoga therapy on memory scores in type 2 diabetes mellitus patients.	Banu R, Vinutha Shankar MS, Karthiyanee Kutty T.	Indian journal of clinical anatomy and physiology. 2015; 2(4): 174-176.	Physiology
74.	A study of mobile phone usage of sleep quality and day time sleepiness.	Shobha MV, Deepli A, Srinivasa Reddy P.	Research Journal of Pharmaceutical, Biological and Chemical Sciences. 2015; RJPBCS 6(3): 1604-1607.	Physiology
75.	A study of mobile phone usage on sleep and stress among the first year medical students.	Deepali A, Shobha MV, Srinivasa Reddy P.	Research Journal of Pharmaceutical, Biological and Chemical Sciences. 2015; RJPBCS 6(3): 720-723	Physiology
76.	Effect of Excessive Noise exposure on granite factory workers.	Ashwini Priyanka V, Karthiyanee Kutty T, Vinutha Shankar MS.	Journal of Evolution of Medical and Dental Sciences. 2015; 278-4748/Vol. 495: 16102-16105.	Physiology



77.	Effect of Integrated Yoga on Emotional Dimensions of the participants in svyasa.	Sindhu R, Karthiyanee Kutty T, Vinutha Shankar MS.	Journal of Evidence based medicione and helath care. 2015; 2(45): 8136-8138	Physiology
78.	Profile of Blood Stream Infections in Paediatric Patients in Rural Tertiary Care Hospital.	Vidhya R, Beena PM.	J Clin Biomed Sci 2015;5(2):68-73.	Microbiology
79.	Evulauation of antibacterial and antifungal activity of Artemisia annua during pre and post flowering stages.	Jhansi Rani S1, Supraja P1, Sujitha A1, Kiranmayee P3 and Usha R1*.	International Journal of Current Research Vol. 7, Issue, 10, pp.21581-21587, October, 2015	
80.	Glaucoma – A Socio Economic Perspective.	Subhratanu Chakrabarty, K. Kanthamani, Narendra P Datti, Ashwini Ravindra Mahajan, Rashmi NR.	International Journal of Biological & Pharmaceutical Research. 2015;6(1): 1-5.	Ophthalmology
81.	Study of surgical management of closed diaphyseal fractures of humerus in adults by open reduction and internal fixation with dynamic compression plate and screws.	Mahesh Kumar N., D.K. Dubey, Parvataneni Prathap, Sowmya G, J. Praneeth Kumar Reddy.	International Journal of Biomedical and advance research. 2015; 6(06): 475-479.	
16.	Detection of extended -spectrum beta -lactamases.	PNS Rao, SR Prasad.	Indian Journal of Medical Microbiology April 14, 2015, [P: 14, 139.156.50].	Microbiology
83.	Knowledge of elderly patients and their caregivers in the management of selected health problems of elderly.	G. Vijayalakshmi, Sahana, Sarala	Journal of clinical and biomediclae sciences. 5(2);2015, Page No:64-67.	
84.	Vertebral body reconstruction using antibiotic impregnated bone cement (PMMA) in osteomyelitis of lumbar spine: A case report.	J. Praneeth Kumar Reddy, Paparaja Murthy, B.S. Nazeer, Manohar P.V., Anil Kumar. J.S.	Indian Journal of Pediatrics. 2015; 6(02): 191-195.	Orthopedics Neurosurgery
85.	Cystecercosis of foot: A rare diagnosis in a rare location. Case report.	Parvataneni Prathap Anil Kumar S.V. Nagakumar J.S., Vineetha Vittal, Manohar PV	International Journal of Biomedical and advance research. 2015; 6(06): 509-511.	



86.	One stage deformity correction of stiff non-union of mid shaft first metatarsal fracture by open reduction and internal fixation with locking recon plate: A case report.	Anil Kumar S.V., Parvataneni Prathap, Vineetha Vittal, Nagakumar J.S., Manohar P.V.	International Journal of Biomedical and advance research. 2015; 6(06): 515-517.	Psychiatry
87.	A postoperative case of carcinoma erysipelodies arising from ductal carcinoma of the breast.	Dr. S Satish, Dr. TS Rajashekar, Dr. BN Raghavendra, Dr. Gurumurthy Rajesh.	Indian Dermatology Online Journal – November-December 2015 – Volume 6 – Issue 6.	Dermatology
88.	A Comparative study of Oral Pregabalin and Clonidine for Attenuation of Hemodynamic Respnses to Laryngoscopy and Tracheal Intubation.	Archana Raichukar, Dinesh K, Ravi M, Anand T Talikoti, Somasekharam P.	J Clin Biomed Sci 2015; 5(1):25-29. J Clin Biomed Sci 2015	Anaesthesiology
89.	Bacterial contamination of platelet at university hospital: A prospective surveillance study.	Das S, Kale M, Beena Pm, Kumar H.	International journal of Current Microbiology and Appliee Sciences. Int.J.Curr.Microbiol. App.Sci (2015) 4(4): 805-812	Pathology Microbiology
90.	Bacteriological spectrum and antimicrobial resistance pattern in a multidisciplinary intensive care unit.	Sudhamini, Devnikar AV, Sagar M, Beena PM.	National Journal of Laboratory Medicine. 2015; 4(4)28-32.	Microbiology
91.	Association of serum uric acid with nthropometric, HBA1C and Lipd Profile in diabetic retinopathy.	Mrs. Munilakshmi .U, Dr. Prabhavathi. K, Dr. Shashidhar K.N., Dr. Madhavi Reddy, Dr. Lakshmaiah .V	International Journal of Current research and review 2015: 7(f; 20-26.	Medicine
92.	"Is ischemia Modified Albumin is a Marker in Preeclampsia? A Case Control Study in Kolar Population- a South West of India".	CD Dayanand, Vanishree Bambrana, Nagarjuna Sivaraj, Mary Shobha Rani Inala.	American Journal of Pharmacetical & Research 2015; 3(16):85-89.	Biochemistry
93.	Management of Strangulated sogy sliding inguinal hernia: A Rare case report.	D. Srinivasan, Sreeramulu. PN, Gaurav Prasad, Pawan Katti, Rami Reddy.	Journal of Evolution of General Surgery and Laparoscopy- Vol. 1, Issue 1, July- December 2015.	Surgery



94.	Persistent Mullerian Duct Syndrome Presenting as Transverse Testicular Ectopia (TTE) Rarest of Rare: A Case Report.	Sreeramulu. PN, D.Srinivasan, Pawan Katti, Madhu.	Journal of Krishna Institute of Medical Sciences University, Vol.4, No.4, Oct-December 2015.	Surgery
95.	Evidence of Antibacterial activity of Flavonoids extracted from seeds of pongamia pinnata Linn on methicillin resistant staphylococcus aureus from the clinical isolated.	Mary Shobha Rani, CD Dayanand, Nagarjuna Sivaraj, P.M. Beena, AVM Kutty.	British Microbiology Research Journal 2015; 10(1):1-8.	AHS Microbiology
96.	Familial Kikuchi- Fujimoto Disease.	Krishnappa J ¹, Bharath Reddy ¹, Harsha PJ ¹, Prasad CSBR.	Journal of Clinical and Scientific Research 2015; 4:40-4.	Genome Lab Pathology
97.	An Interventional Study of Physical Activity on HbA1c and VO2max in Type 2 Diabetes Mellitus.	Vineetha Vittal* <sup>1</sup> , Vinutha Shankar <sup>1</sup> , Karthiyanee Kutty <sup>1</sup> , SV Anil Kumar <sup>2</sup> .	Indian Journal Physiology Pharmacology 2016; 60(1): PP-76-81.	Physiology Orthopaedics
98.	A post maxillectomy case posted for ethmoidal and frontal mucocele drainage: A difficulty Airway. Reseacrh paper	Abhishek Kanakuppe Manjunath, Ravi Madhusudhana, Dinesh Krishnamurthy.	E-ISSN:2395-1709 P-ISSN: 2395-0382 2016; Vol: 02 (2) PP-11-13.	Anaesthesiology
99.	APNOEA, Hyperthermia & Convulsions following glycopyrrolate.	Anusha Raj, Threja CK, Ravi M, Kiran Kumar RP.	Asian Journal of Multidisciplinary Research (AJMR) E-ISSN:2395-1710 P-ISSN:2395-1729 2016 02(2), PP-13-14.	Anaesthesiology
100.	Management of perioperative pulmonary edema with servere pre-eclampsia coming for emergency caesarean section.	Supriya TC, Threja CK, Vishnuvardhan V, Nikhila R, Ravi M.	Asian Journal of Multidisciplinary Research (AJMR) E-ISSN:2395-1710 PISSN:2395-1729 2016 02(2), pp-14-15	Anaesthesiology
101.	Anaesthetic Management of a patient with servere thoraco lumbar kyphoscoliosis posted for emergency incision and drainage of perianal abscess.	Threja CK, Nikhila R, Supriya TC, Ravi M, Dinesh K.	Asian Journal of Multidisciplinary Research (AJMR) E-ISSN:2395-1710 PISSN:2395-1729 2016;02(2), pp-16-19.	Anaesthesiology



102.	Clinicopathological study of surgical margins in squamous cell carcinoma of buccal mucosa.	SM Azeem Mohiyuddin a*, B. Vageesh Padiyar a, T.N. Suresh b, Kouser Mohammadi a, A. Sagayaraj a, Shuaib Merchant a, Mahnaaz Sultana Azeem	World Journal of Otorhinolaryngology- Head and Neck Surger, March 2016; 02(01) PP17-21	ENT Pathology
103.	Correlation of blood uric acid with urinary albumin creatinine ratio in hypertension and diabetic nephropathy.	K.N. Shashidhar, U. Munilakshmi, K Prabhavathi, Madhavi Reddy, V. Lakshmaiah.	APPLO MEDICINE March 2016 Volume 13, Issue 1, Pages 24–30	Biochemistry Medicine
104.	Effect of Oral Pregabalin as Preemptive Analgesic in Patients Undergoing Lower Limb Orthopedic Surgeries under Spinal Anaesthesia.	Bon Sebastian <sup>1</sup> , Anand Tippanna Talikoti <sup>2</sup> , Kiran Nelamangala <sup>3</sup> , Dinesh Krishnamurthy <sup>4</sup>	Journal of Clinical and Diagnostic Research. 2016 Jul, Vol-10(7): UC01-U	Anaesthesiology
105.	Etiology and pattern of mandibular fracture in and around Kolar: A retrospective study.	Dr. Harshitha KR, Dr. Mallika P Reddy, Dr. Srinath KS.	International Journal of Applied Research 2016; 2(4) 562-565.	Dentistry
106.	Endemic Cholera in Kolar Region, 2001-2014: Seasonality, Serotypes, and Reversal of Resistance to Antibiotics among Vibrio cholera Isolates.	K Swetha, Anitha Deva, PM Beena, SR Prasad.	Commun Dis 2016, 48(2): 7-11, ISSN: 0019-5138.	Microbiology
107.	Suspected Virginity which Proved Fatal: A Case Report.	Ajay Kumar TS, Kiran J.	Medico-Legal Update Year: 2016, Volume: 16, Issue: 1 First page: (70) Last page: (72)	Forensic Medicine
108.	Clinical Study of Carcinoma Thyroid and its Management.	Dr. T Pramood, BS Shivaswamy, G Rajashekara Babu, K Latha, K Jagadeesh.	International Journal of Scientific Study/ January 2016/Vol 3/ Issue 10.	General Surgery Community Medicine
109.	Evaluation of Fournier's Gangrene severity index in the management of Fournier's gangrene; a retrospective study.	Dr. Shashirekha C.A., Dr. Pramood T, Dr. Nagaraj KN, Dr. Harish Kumar, Dr. Rakesh N.	International Surgery Journal 2016 Feb:3(1): 169-172.	Surgery
110.	Impact of hemodialysis on lipid related ratios in non- diabetes chronic renal failure patients.	Sumathi.M.E, Asha. B, Mahesh.V.	Reaesrch journal of pharmaceutical, biological and chemical science. March-April 7(2): 2016, Page No: 1398-1402.	Biochemistry Pharmacology Community Medicine



111.	Role of magnetic resonance venogram, diffusion & susceptibility weighted imaging in diagnosis of cerebral venous thrombosis.	Ambuj Shrivastav Anil kumar Sakalecha Purnima Hegde.	Int J Res Medi Sci 2016 4(5) PP 1683-1687 National.	Radio Diagnosis
112.	Study of morphological spectrum of prostatic lesions and its correlation with Ki-67 in a tertiary care hospital in rural South India.	Rizwan Javed, T.N Suresh and M.V. Krishna Shetty. S	Al Am een J Med Sci 2016; 9(3):175-182.	Pathology Urology
113.	A correlative study of thyroid profile and mineral status in patients with hypothyroidism - a hospital based case control study	Susanna Ty¹, Sagayaraj A², Shashidhar Kn¹, Gomathi M³, Mahesh V⁴	Asian J Pharm Clin Res, Vol 9, Issue 3, 2016, 292-294	Biochemistry ENT Community Medicine
114.	Predictive Value Of Upper Lip Bite Test And Ratio Of Height To Thyromental Distance Compared To Other Airway Assessment Tests For Difficult Laryngoscopy	Naga Jyothi Degala <sup>1</sup> , Abdul Khader M <sup>2</sup> , Meenakshi Sundaram S P <sup>3</sup> , Ravi Madhusudhana <sup>4</sup>	IOSR Journal of Dental and Medical Sciences Volume 15, Issue 5 Ver. VIII (May. 2016), PP 49-58	Anaesthesiology
115.	The Need of Practicing Yoga for Healthy Today and Tomorrow	Nitin J. Patil,	J. res. tradit. med 2016; 2(3):54-55	Integrative Medicine
116.	Pattern of medico- legal cases at KLES'S Dr. Prabhakar kore hospital and MRC, Belgaum - A cross sectional study	Ajay Kumar.T.S Prasanna S, Jiril, Manjula Bai K.H, Kiran.J	Medico-Legal Update 16(1):166 - January 2016 with 2 Reads	Forensic Medicine
117.	Sex Determination Through Mastoid Process among South Indian Skulls by Heron's Formula	Ajay.T.S, Sanikop .M.B, Kumarswamy R, Kiran.J	Indian journal of forensic Medicine & Toxicology Vol:10 June 2016	Forensic Medicine Anatomy
118.	Continuous spinal anaesthesia -a safe alternative in trauma & geriatric patients- case series	Anusha Raj, Nikhila R, Ravi M, Priyanka Das, Dinesh K, Bhavana B G.	Asian Journal of Multidisciplinary Research (AJMR) 2016 Volume 02- Issue 01- pp-07-09	Anaesthesiology
119.	Blind nasal intubation for emergency incision and drainage of ludwig's angina	Rajanna Kapanaiah, Anusha Raj, NikhilaRajendra, Ravi Madhusudhana*	Asian Journal of Multidisciplinary Research (AJMDR) Volume 02- Issue 04-, pp-01-03	Anaesthesiology,

### ACHIEVEMENTS / HONORS / AWARDS / FELLOWSHIPS IF ANY DURING THE YEAR

 $\textbf{Faculty}: Dr.\ T.N. Suresh, Co-\ Ordinator\ (R\&D),\ Professor\ Of\ Pathology\ was\ awarded\ as\ \textbf{Best\ Teacher}\ by\ SDUAHER\ Kolar\ on\ 5th\ September\ 2015$ 



## DEPARTMENT OF CELL BIOLOGY AND MOLECULAR GENETICS

### **VISION**

• Creating Knowledge and Skills in Human Genetics, Cell and Molecular Biology for a Healthy Humanity

### **INTRODUCTION**

The Dept of Cell Biology and Molecular Genetics was established in 2012 under the faculty of Allied Health sciences. The faculty and staff of the Deptare actively involved in the research programmes in the Genomics and Central Research laboratory. The Dept has received recognition from the Dept of Health Research, Ministry of Health and Family Welfare, Govt. of India, through a Grant-in-Aid scheme for training faculty and scientists of Medical Colleges and Research Institutes in the domain of Genetics. The objective of the scheme is to build capability for research in Medical Institutions in India. A sum of Rs. 26.7 lakhs has been awarded for the conducting the programme.

### THRUST AREAS IDENTIFIED

### A. Genetic Disorders

- Congenital anomalies in newborn
- Congenital ichthyosis
- · Cardiac defects in children
- · Non-syndromic hearing loss
- Psoriasis
- Beta-Thalassemia

### B. Biomarkers

- Urinary markers for kidney function (Exosomes. Proteins, Metabolites)
- Urinary and serum markers for infectious diseases (Dengue, Leptospirosis)
- Urinary, serum and salivary markers for non-infectious diseases (Oral cancer, Preeclampsia)

### C. Protein Science and Enzymology

- Triosephosphate Isomerase from Leptospira interrogans
- L-Amino Acid Oxidase from Leptospira interrogans

### D. Cancer Biology and Pharmacogenomics

- Somatic mutations and polymorphisms in oral squamous cell carcinoma
- VKORC1 gene polymorphism and warfarin dosage

### **FACULTY AND LABORATORY STAFF:**



**L-R Seated:** Dr. Sharath B., Dr. Kiranmayee P., Mrs. Deepa R., Dr. Satish Rao, Mr. Jagadish, Mrs Divya C.

L-R standing: Mr. Srinath, Ms. Nandhini, Mrs. Usha Rani, Mr. Prabhu Das, Mr. Praveen Kumar, Mr. Sudeep N., Ms. Chandrakala, Ms. Mary I. S., Ms. Nithya, Ms. Chaitra C., Mrs. Nagamani, Mrs. Baghyalakshmi

SL No	Name	Designation	
1.	Dr. A. V. M. Kutty	Professor	
2.	Dr. P. R. Krishnaswamy	Emeritus Professor	
3.	Dr. Satish R. Rao	Professor	
4.	Dr. Sharath B.	Assistant Professor	
5.	Dr. Kiranmayee P.	Scientist D	
6.	Dr. Mitesh Shetty	Visiting Faculty	
7.	Mrs. Divya Bose	Research Assistant & Ph.D. Scholar	
8.	Mr. Vaigundan D.	Research Assistant & Ph.D. Scholar	
9.	Mrs. Deepa Rajesh	Research Assistant & Ph.D. Scholar	
10.	Ms. Mary Shobha Rani I.	Research Assistant & Ph.D. Scholar	
11.	Mr. Jagadish T. V.	Research Assistant & Ph.D. Scholar	
12.	Ms. Chandrakala N.	Ph.D Scholar	

### Details of programmes conducted / attended:

Sl.No	Date	Workshop Conducted
1.	5 Feb-5 Mar2015	'Training Programme on - Techniques in Genetics'



Sl.No	Date	Papers presented : Oral presentation	Name of the faculty Attended
1.	21- 22 Aug 2015	Perspectives on Green Energy, climate change, sustainable development and environment policies Held at Department of Law, Sri Padmavathi Mahila Viswavidyalayam (Women's University), Tirupathi A.P.	Dr. Kiranmayee P.

### Research Projects (On going):

Sl. No	Project No.	Title of the Research Project	Principal investigator
1.	Res. Projt # 73/2013-14	Screening of congenital malformations in a tertiary care hospital	Mrs. Divya Bose
2.	Res Projt #66/2013-14	Mutational analysis of autosomal recessive congenital ichthyosis with insights into structural & functional relationship of novel transglytaninase-1 mutations.	Dr P.R.Krishnaswamy Dr Vaigundan D.
3.	Res Projt #67/2013-14	Genomic information driven investigation of nutritional requirement of Leptospira.	Dr.P.R.Krishnaswamy Mr. Vaigundan D
4.	Res. Projt # 97/2014-15	"Evaluation of Polymorphism in TNF-α&CARD-14 genes in Psoriasis"	Mrs. Deepa R.
5.	Res. Projt # 103/2015-16	"To determine the occurrence of mutations in Nuclear Localization Signal motif of TP53 gene in Oral Squamous Cell Carcinoma".	Mrs. Deepa R.
6.	Res. Projt # 104/2015-16	"Screening and molecular characterization of beta-thalassemia in anemic pregnant women"	Mr. Jagadish T. V.
7.	Res. Projt # 115/2015-16	"Isolation & characterization of lectin from Eugenia jambolana Lam".	Dr. Kiranmayee P.

### M.Phil. Dissertation/Ph.D. thesis (topics given during 2015-16 Batch)

Sl. No	Name of the student	Guide	Co-guide (if any)	Topic
1.	Mr. Praveen Kumar K. S.	Dr. Satish R. Rao	Dr Prabhakar K.	Evaluation of Association between Uncoupling Protein 3 (UCP3) gene Polymorphism in Obese & Non-Obese Type 2 Diabetes Patients: A tertiary care Hospital based study.
2.	Ms. Chandrakala N.	Dr. Satish R. Rao	Dr. Sheela R.	Identification of Urinary Exosome proteins as biomarkers for Preeclampsia – A study in a tertiary healthcare centre of south India.
3.	Ms. Mary Shobha Rani	Dr Kiranmayee P.	-	In vitro studies to assess the potential bioactivity of quercetin as an anti-bacterial & anti-cancer agent.



### **Publications: Published**

Sl. No	Title of the paper	Authors	Journal	Department
1.	Molecular Delineation of Partial Trisomy 14q and Partial Trisomy 12p in a patient with dysmorphic features, Heart Defect and Developmental Delay. Cytogenetic and Genome Research. (Case Report)	Divya Bose Mitesh Shetty A V M Kutty K S Venkatesh Venkatesh K. Mohamed Aiyaz Sudha N Rao	Cytogenetics & Genome Research	Cell Biology & Molecular Genetics
2.	Genetic characterization of Toxoplasma gondii from autopsy proven cases of AIDS associated cerebral toxoplasmosis in south India	R Sai Kant R S Jayshree B R Vijaykumar Swathi U Lekshmi D Vaigundan Anita Mahadevan S K Shankar C Rajendran	Infection, Genetics & Evolution	Cell Biology & Molecular Genetics
3.	Evaluation of antibacterial and antifungal activity of Artemisia annua during pre and post flowering stages	Jhansi Rani S Supraja P Sujitha A Kiranmayee P Usha R	International Journal of Current Research	Cell Biology & Molecular Genetics
4.	Phytochemical investigation of Caralluma attenuata (Wight) roots.	Kiranmayee P Anitha K Usha R	International Journal of Pharmacognosy and Phytochemical Research	Cell Biology & Molecular Genetics

## CENTRE FOR CLINICAL SKILLS AND SIMULATIONS (SKILL LAB)

### **VISION**

• To create a complete medical professional, capable of imparting essential clinical skills to enhance safety during patient care"

### **INTRODUCTION**

Simulation is now rapidly becoming an important and integral adjunct to Medical Education and training. The need to professionalize Medical Education and training has seen the advent of Medical Simulators and Manikins as a preferred choice for training. Simulation has made it possible for an Apprentice to acquire, practice and become proficient on demand, besides meeting the critical requirements of various clinical competencies. The new state of art "Centre for Clinical Skills & Simulations (CCSS) was established with built in an area of 3500 Sq. feet which comprises of Dry / Wet Labs, Conference Halls, models, Simulators

and Endotrainers rooms. The primary focus of this laboratory is to provide training to Undergraduates, Postgraduates, Interns, Nursing Staff, Medical faculty and paramedical personals in various diagnostic and procedural skills with the aid of simulators and manikins.

CPCR programs are being initiated to train interns, post graduates, staff Nurses and paramedical personals, which enable them to apply proper resuscitation methods in practice. CPCR programs are regularly conducted by a team of Anesthesiologists and Intensivists. So far about 2000 participants have undergone training in CPCR.

The Basic surgical skills include, suturing and knotting techniques, various procedural skills and training on Endotrainers to develop laparoscopic skills

This laboratory caters to the needs of all the clinical departments. The monitoring committee headed by Prof. A. Bhaskaran, Vice Principal consists of all the Heads of the Departments and other enthusiastic faculty members.



## CENTRE FOR CLINICAL SKILLS & SIMULATIONS MONITORING COMMITTEE – AUGUST 2015

PG COURSES	UG COURSES
I. Suturing and knotting.	i. Catheterization.
II. Laparoscopic Skills.	ii. Abdominal/thoracic paracentesis.
III. Intestinal/vascular anastomosis.	iii. Endotracheal/Nasogastric intubation.
IV. Tendon repair.	iv. Suturing and knotting.
V. Principles of fracture fixation.	v. CVP/chest tube insertion.
VI. Neonatal resuscitation.	vi. CPCR Training.
VII. Optical functions of the eye.	vii. Labour techniques.
VIII. Otoscopy/laryngoscopy/rhinoscopy	

### **TEACHING FACULTY**



Sitting (L to R): Dr. Ramesh Babu Homanna Javali, Dr. K.N.V. Prasad, Dr. K. Dinesh, Dr. K. Mohan Kumar, Dr. A. Bhaskaran (Director), Dr. Azeem Mohiyuddin.SM, Dr. K. Prabhakar, Dr. K. Kanthamani, Dr. Pushpa.P. Kotur Standing (L to R): Dr. K. Munikrishna, Dr. M. Ravi (Secretary), Dr. A. Raveesha, Dr. H.S. Arun, Dr. K.C Prasad

### FOLLOWING ARE SOME THE SKILLS FACILITATED BY THE SKILL LAB



ORTHOPAEDICS WORKSHOP



BASIC SURGICAL SKILLS (Demedcon-2016)



OBG WORKSHOP



CPCR WORKSHOP



## Activities Conducted at Centre for Clinical Skills & Simulations (CCSS) From April 2015 to March 2016

Sl.No	Date	Department	Workshop	No. of Partic- ipants	Delegates
1.	20 Apr 2015	Paediatrics	Paediatrics BLS	26	PGs
2.	23 Apr 2015	Demedcon 2015	CPCR Basic Surgical skills	90 60	UGs
3.	16 May 2015	Anaesthesiology	CPCR	40	Interns
4.	20 June 2015	Anaesthesiology	CPCR	42	Interns
5.	1 Aug 2015	Anaesthesiology	CPCR	33	Interns
6.	16 Aug 2015	Anaesthesiology	BLS	27	Staff Nurses
7.	5 Sep 2015	Anaesthesiology	CPCR	33	Faculty
8.	9-14 Sep 2015	Anaesthesiology	BLS	147	Staff nurses
9.	11 Sep 2015	Surgery	Basic Surgical Skills, Laparoscopy Skills	20	Staff PGs
10.	19 Sep 2015	Anaesthesiology	CPCR	30	Staff
11.	26 Sep 2015	Anaesthesiology	CPCR	40	Staff
12.	4 Oct 2015	Anaesthesiology	BLS	39	UGs
13.	18 Oct 2015	Anaesthesiology	BLS	33	UGs
14.	23 Oct 2015	OBG	Birth Simulation		Interns
15.	24 Oct 2015	OBG	POPQ (pelvic organ Prolapse Quantifications)	19	PGs
16.	29 Oct 2015	Anaesthesiology	BLS	39	UGs
17.	21 Nov 2015	Anaesthesiology	CPCR	15	PGs
18.	25-27 28 Nov 2015	Anaesthesiology	BLS	79	NSS Camp Delegates
19.	7 Dec 2015	Anaesthesiology	DLT Comb tube workshop	10	Staff
20.	2 Jan 2016	Anaesthesiology	CPCR	49	PGs
21.	16 Jan 2016	Physiology	Heart and breath sounds	57	I MBBS
22.	18 Jan 2016	Orthopaedics	Tibial interlocking Nailing	50	PGs
23.	2 Jan 2016	Physiology	Heart and breath sounds	26	I MBBS
24.	22 Jan 2016	Physiology	Heart and breath sounds	48	I MBBS
25.	23 Jan 2016	Anaesthesiology	CVP, Arterial line Hands-on	06	PGs
26.	6 Feb 2016	Anaesthesiology	BLS	13	UGs
27.	20 Feb 2016	Anaesthesiology	CVP Arterial line (Hands-on)	10	PGs
28.	27 Feb 2016	Pathology	Phlebotomy (Hands-on)	10	Nursing students
29.	6 Mar 2016	ENT	Head and Neck oncology update (Suturing Techniques)	33	Interns
30.	17-18 Mar 2016	Paediatrics	NSSK	44 44	PGs
31.	26 Mar 2016	Anaesthesiology	CPCR	32	UGs



### DEPARTMENT OF HEALTH SCIENCES LIBRARY & INFORMATION STUDIES (HSLIS)

### **VISION**

The SDUAHER University Library and Learning Resource Centre links the academia (students, teachers & research scholars), reliable health sciences knowledge and technology for supporting effective learning, achieving quality health care, vital scientific research and community service.

### **INTRODUCTION**

The library meets the information needs of the faculty and students. It is housed in the ground and first floor of the silver jubilee building in the campus. The library is centrally air conditioned and well-furnished for users. The library has Wi-Fi facilities to browse and access the resources. The library is serving as a medical learning resource center, support to research, educational and clinical needs of the students, faculty and research scholars of the university. The Library is kept open on all working days from 8.30 AM to 10.00 PM. and all general holidays, Sundays and 2nd Saturday from 9.00 AM to 2.00 PM

Currently, the collection of the library consists of 23945 volumes of books, 10263 back volumes (journals) and 1135 compact discs (CD). The library subscribes 41 foreign titles of current journals, 106 Indian journals and 51 online journals. The library also provides access to 296 online journals and 3886 e-books from HELINET consortium of RGUHS. The

library has well equipped digital library with 1Gbps Internet bandwidth and 40+ computers, printers scanners, and SSPS software to facilitate the users using ICT infrastructure in enhancing their reference based research work. 1129 new books were added to the library collection during the year.

### THRUST AREAS IDENTIFIED

- Design & Development of e- tutorial, Webinar, Information retrieval tools, e-publishing, web enabled products & services.
- 2. Design, development and institution of short term medical librarianship programs for the practicing librarians to enhance the professional standards, skills, and knowledge towards best practices.

### LIBRARY SERVICES

- · Lending of Books
- Reference Service
- Document Delivery Service
- · Internet Training
- Reprographic Service
- · Literature Search
- Compilation of Bibliographies
- User Education
- Book Bank and Inter library lending service
- · Organizing Book Exhibitions

### LIBRARY BUDGET

Library had fully utilized the earmarked budget of Rs.1,10,00,000 for the year 2015–16 towards procurement of books (21%) and (79%) journals (Print and Online).

### Library Resources Usage Statistics for the year 2015-16

Sl.No	Description	Quantity
1.	No. of days Library kept open during the year	355
2.	No. of users ( Students/Teachers/Research Scholars) Visited	47260
3.	No. of users utilized the Digital Library Facilities, Resources & Services	15981
4.	No. of books referred by the Students/Teachers/Research Scholars	16173
5.	No. of current journals referred by Students/Teachers/Research Scholars	2302
6.	No. of Back volumes of journals referred by Students/Teachers/Research Scholars	1061
7.	No. of Students/Teachers/Research Scholars photocopied reading materials	2010
8.	No. of pages of reading material photocopied by Students/Teachers/Research Scholars	252634
9.	No. of Students/Teachers/Research Scholars got printed of e-resources	2162
10.	No. of pages got printed of e-resources by Students/Teachers/Research Scholars	58567
11.	No. of Students/Teachers/Research Scholars got Scanning of e-resources	1183
12.	No. of pages got Scanning of e-resources by Students/Teachers/Research Scholars	6596
13.	No. of Journals Clubs/ Seminars and meetings were conducted in the Seminar Hall	209



### **CONFERENCES ATTENDED:**

Mr. Prakash, Senior Librarian has attended "Golden Jubilee Summit and International Conference" (MILAN) from June 18-20, 2015 conducted by Dept. of Library and Information Science, Manasaganothri, University of Mysore, Mysore.

Mr. Prakash, Senior Librarian has attended one day workshop on "Understanding Reference Tools: Mendeley and Endnote" held on June 21, 2015 conducted by MyLISA at Sri Jayachamarajendra College of Engineering (SJCE), Mysore.

Mr. Prakash, Senior Librarian has attended one day Seminar on "E-Learning Initiatives of Library" held on November 11, 2015 at Dayananda Sagar College of Engineering, Bengaluru.

Mr. Prakash, Senior Librarian has attended one day National Seminar on "Designe E-content Portal using Wordpress" organised by NCSI-Net Foundation held on December 19, 2015 at Indian Institute of Science, Bengaluru.

Mr. Prakash, Senior Librarian has attended 8th Annual conference on "HEALTH SCIENCE LIBRARIES AT THE CROSSROADS" from Jan-12th to 13th, 2016 organized by KHSLA at St. John's National Academy of Health Sciences, Bengaluru.

## DEPARTMENT OF INFORMATION & COMMUNICATION TECHNOLOGY

### **VISION**

- Providing modern and reliable technology resources to faculty, staff and students to support the mission of the institution optimally.
- Setting bench mark in provision of quick service to the dependent clientele

### INTRODUCTION

The Department of Information and Communication Technology was established in the year 2013 to cater to the ever augmenting needs of the university. From the inception itself, the department has provided round the clock quality IT services to various departments in the academy, medical college, hospital and their ancillary facilities. Over a period of time a large variety of IT equipment have been procured and infrastructures have been laid. The entire campus is now WiFi enabled

with a robust LAN scheme in place. Qualified IT personnel are employed and certain IT services are outsourced from time to time.

As a part of continuous upgradation effort, expertise of TATA Consultancy Services has been roped in for online monitoring and preservation of information pertaining to teaching learning activities, research, administrative activities and financial records.

### Services Provided to SDUAHER/SDUMC/RLJH&RC

- 1. Multiple servers and 300 + nodes are maintained by the ICT Dept.
- 2. Network services related to accounts, file storage, print management, wireless access, telephony and other technology services.
- 3. Hospital Information system for RLJH&RC
- 4. Infrastructure provided for College Management Software (TCS).
- 5. Maintenance of CCTV, Biometric Attendance System and E- podium systems.

### **HOSTEL FACILITIES**

Sufficient hostel accommodations are available for both male and female students. All the rooms are suitably furnished with modern facilities to provide the students with the best ambience for studies as well as recreation.

While for the men there are four hostels, namely, UG Men's Hostel, NRI Men's Hostel, PG Men's Hostel & Intern's Men's Hostel for women there are five, i.e. Junior Ladies Hostel, Senior Ladies Hostel, NRI Ladies Hostel, PG Ladies Hostel & UG Ladies Hostel.

There are certain common facilities like Indoor Gymnasium, Reading Rooms and TV Rooms. All hostels are fitted with solar water heating facilty. For provisioning of safe and wholesome drinking water RO equipment and water coolers have been provided in each hostel.















Hostel Committee under the chairmanship of the Principal exercises over all control of the hostels. Dayto-day management is effected through the respective hostel wardens who are chosen from the faculty. Hostel committee consists of student representatives who meet regularly and decide upon the mess menu and other requirements for the hostels for a comfortable stay.

### **COURSES OFFERED**

The Academy offers various courses, as given below, under the Faculty of Medicine as well as Faculty of Allied Health Sciences:-

SL. NO.	FACULTY OF MEDICINE	DURATION
	UNDER-GRADUATE DEGREE PROGRAMS	
1.	M.B.B.S. (including internship)	5½ years
	POST-GRADUATEDEGREE PROGRAMS	
2.	MD ( Anatomy)	3years
3.	MD (Physiology)	3 years
4.	MD (Biochemistry)	3years
5.	MD (Pathology)	3 years
6.	MD (Forensic Medicine)	3 years
7.	MD (Pharmacology)	3 years
8.	MD (Microbiology)	3 years
9.	MD (Community Medicine)	3 years
10.	MD (General Medicine)	3 years
11.	MS (Surgery)	3 years
12.	MS (OBG)	3 years
13.	MS (ENT)	3 years
14.	MS (Ophthalmology)	3 years
15.	MS (Orthopedics)	3years
16.	MD (Anaesthesia)	3 years
17.	MD (Radio-diagnosis)	3 years



18.	MD Paediatrics	3 years
19.	MD Paediatrics  MD Dermatology	3 years
19.	POST-GRADUATE DIPLOMA PROGRAMS	3 years
20.	Diploma in Ophthalmology	2 mars
		2 years
21.	Diploma in ENT	2 years
22.	Diploma in OBG	2 years
23.	Diploma in Orthopedics	2 years
24.	Diploma Anaesthesia	2 years
25.	Diploma in Radio-diagnosis	2 years
26.	Diploma in DVD	2 years
27.	Diploma in Child Health	2 years
	FELLOWSHIP PROGRAMS	
28.	Head & Neck Surgical Oncology	1 year
	PH.D. PROGRAMS	
29.	Ph.D. (Physiology)	3 years
30.	Ph.D. (Biochemistry)	3 years
31.	Ph.D. (Microbiology)	3 years
32.	Ph.D. (Pathology)	3 years
33.	Ph.D. (ENT)	3 years
34.	Ph.D. (Radio-diagnosis)	3 years
35.	Ph.D. (Medical Education)	3 years
36.	Ph.D. Nursing (Interdisciplinary Subjects)	3 years
37.	Ph.D. Physiotherapy (Interdisciplinary Subjects)	3 years
38.	Ph.D. Clinical medicine (Interdisciplinary Subjects)	3 years
Sl. No.	Faculty of Allied Health Sciences	Duration
0311101	UNDER-GRADUATE DEGREE PROGRAMS	
39.	B.Sc. in Medical Laboratory Technology	3 years
40.	B.Sc. in Imaging Technology	3 years
41.	B.Sc. in Operation Theater Technology	3 years
		1 - 3
42.	B.Sc. in Ophthalmic Technology	3 years
42.	B.Sc. in Ophthalmic Technology B.Sc. in Renal Dialysis Technology	3 years
42.	B.Sc. in Renal Dialysis Technology	3 years 3 years
43.	B.Sc. in Renal Dialysis Technology  POST-GRADUATE DEGREE PROGRAMS	3 years
43.	B.Sc. in Renal Dialysis Technology  POST-GRADUATE DEGREE PROGRAMS  M.Sc. in Molecular Biology and Human Genetics [M.Sc. MB&HG]	3 years 2 years
43. 44. 45.	B.Sc. in Renal Dialysis Technology  POST-GRADUATE DEGREE PROGRAMS  M.Sc. in Molecular Biology and Human Genetics [M.Sc. MB&HG]  M.Sc. (MLT) Clinical Bio-chemistry,	3 years 2 years 2 years
43. 44. 45. 46.	B.Sc. in Renal Dialysis Technology  POST-GRADUATE DEGREE PROGRAMS  M.Sc. in Molecular Biology and Human Genetics [M.Sc. MB&HG]  M.Sc. (MLT) Clinical Bio-chemistry,  M.Sc.(MLT) Clinical Microbiology & Immunology	3 years 2 years 2 years 2 years
43. 44. 45. 46. 47.	B.Sc. in Renal Dialysis Technology  POST-GRADUATE DEGREE PROGRAMS  M.Sc. in Molecular Biology and Human Genetics [M.Sc. MB&HG]  M.Sc. (MLT) Clinical Bio-chemistry,  M.Sc.(MLT) Clinical Microbiology & Immunology  M.Sc.(MLT) Clinical Hematology and Blood transfusion	3 years 2 years 2 years 2 years 2 years
43. 44. 45. 46. 47. 48.	B.Sc. in Renal Dialysis Technology  POST-GRADUATE DEGREE PROGRAMS  M.Sc. in Molecular Biology and Human Genetics [M.Sc. MB&HG]  M.Sc. (MLT) Clinical Bio-chemistry,  M.Sc. (MLT) Clinical Microbiology & Immunology  M.Sc. (MLT) Clinical Hematology and Blood transfusion  Master's in Public Health [MPH]	3 years 2 years 2 years 2 years 2 years 2 years 2 years
43. 44. 45. 46. 47.	B.Sc. in Renal Dialysis Technology  POST-GRADUATE DEGREE PROGRAMS  M.Sc. in Molecular Biology and Human Genetics [M.Sc. MB&HG]  M.Sc. (MLT) Clinical Bio-chemistry,  M.Sc. (MLT) Clinical Microbiology & Immunology  M.Sc. (MLT) Clinical Hematology and Blood transfusion  Master's in Public Health [MPH]  M.Sc. in Health Science Library and Informatics	3 years 2 years 2 years 2 years 2 years
43. 44. 45. 46. 47. 48. 49.	B.Sc. in Renal Dialysis Technology  POST-GRADUATE DEGREE PROGRAMS  M.Sc. in Molecular Biology and Human Genetics [M.Sc. MB&HG]  M.Sc. (MLT) Clinical Bio-chemistry,  M.Sc.(MLT) Clinical Microbiology & Immunology  M.Sc.(MLT) Clinical Hematology and Blood transfusion  Master's in Public Health [MPH]  M.Sc. in Health Science Library and Informatics  POST-GRADUATE DIPLOMA PROGRAMS	3 years  2 years
43. 44. 45. 46. 47. 48. 49.	B.Sc. in Renal Dialysis Technology  POST-GRADUATE DEGREE PROGRAMS  M.Sc. in Molecular Biology and Human Genetics [M.Sc. MB&HG]  M.Sc. (MLT) Clinical Bio-chemistry,  M.Sc.(MLT) Clinical Microbiology & Immunology  M.Sc.(MLT) Clinical Hematology and Blood transfusion  Master's in Public Health [MPH]  M.Sc. in Health Science Library and Informatics  POST-GRADUATE DIPLOMA PROGRAMS  Diploma in Genomic Technology [PGDGT]	3 years  2 years  2 years  2 years  2 years  2 years  2 years  1 year
43. 44. 45. 46. 47. 48. 49.	B.Sc. in Renal Dialysis Technology  POST-GRADUATE DEGREE PROGRAMS  M.Sc. in Molecular Biology and Human Genetics [M.Sc. MB&HG]  M.Sc. (MLT) Clinical Bio-chemistry,  M.Sc.(MLT) Clinical Microbiology & Immunology  M.Sc.(MLT) Clinical Hematology and Blood transfusion  Master's in Public Health [MPH]  M.Sc. in Health Science Library and Informatics  POST-GRADUATE DIPLOMA PROGRAMS  Diploma in Genomic Technology [PGDGT]  Diploma in Yoga Practice [PGDYP]	3 years  2 years
43. 44. 45. 46. 47. 48. 49. 50. 51.	B.Sc. in Renal Dialysis Technology  POST-GRADUATE DEGREE PROGRAMS  M.Sc. in Molecular Biology and Human Genetics [M.Sc. MB&HG]  M.Sc. (MLT) Clinical Bio-chemistry,  M.Sc.(MLT) Clinical Microbiology & Immunology  M.Sc.(MLT) Clinical Hematology and Blood transfusion  Master's in Public Health [MPH]  M.Sc. in Health Science Library and Informatics  POST-GRADUATE DIPLOMA PROGRAMS  Diploma in Genomic Technology [PGDGT]  Diploma in Yoga Practice [PGDYP]  CERTIFICATE PROGRAMS	3 years  2 years  2 years  2 years  2 years  2 years  2 years  1 year  1 year
43. 44. 45. 46. 47. 48. 49. 50. 51.	B.Sc. in Renal Dialysis Technology  POST-GRADUATE DEGREE PROGRAMS  M.Sc. in Molecular Biology and Human Genetics [M.Sc. MB&HG]  M.Sc. (MLT) Clinical Bio-chemistry,  M.Sc.(MLT) Clinical Microbiology & Immunology  M.Sc.(MLT) Clinical Hematology and Blood transfusion  Master's in Public Health [MPH]  M.Sc. in Health Science Library and Informatics  POST-GRADUATE DIPLOMA PROGRAMS  Diploma in Genomic Technology [PGDGT]  Diploma in Yoga Practice [PGDYP]  CERTIFICATE PROGRAMS  Application Technology in Hospital Environment	3 years  2 years  2 years  2 years  2 years  2 years  2 years  1 year  1 year  1 year
43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53.	B.Sc. in Renal Dialysis Technology  POST-GRADUATE DEGREE PROGRAMS  M.Sc. in Molecular Biology and Human Genetics [M.Sc. MB&HG]  M.Sc. (MLT) Clinical Bio-chemistry,  M.Sc.(MLT) Clinical Microbiology & Immunology  M.Sc.(MLT) Clinical Hematology and Blood transfusion  Master's in Public Health [MPH]  M.Sc. in Health Science Library and Informatics  POST-GRADUATE DIPLOMA PROGRAMS  Diploma in Genomic Technology [PGDGT]  Diploma in Yoga Practice [PGDYP]  CERTIFICATE PROGRAMS  Application Technology in Hospital Environment  Phlebotomy Technology	3 years  2 years  2 years  2 years  2 years  2 years  2 years  1 year  1 year  1 year  1 year
43. 44. 45. 46. 47. 48. 49. 50. 51.	B.Sc. in Renal Dialysis Technology  POST-GRADUATE DEGREE PROGRAMS  M.Sc. in Molecular Biology and Human Genetics [M.Sc. MB&HG]  M.Sc. (MLT) Clinical Bio-chemistry,  M.Sc.(MLT) Clinical Microbiology & Immunology  M.Sc.(MLT) Clinical Hematology and Blood transfusion  Master's in Public Health [MPH]  M.Sc. in Health Science Library and Informatics  POST-GRADUATE DIPLOMA PROGRAMS  Diploma in Genomic Technology [PGDGT]  Diploma in Yoga Practice [PGDYP]  CERTIFICATE PROGRAMS  Application Technology in Hospital Environment  Phlebotomy Technology  Blood Bank Technology	3 years  2 years  2 years  2 years  2 years  2 years  2 years  1 year  1 year  1 year
43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53.	B.Sc. in Renal Dialysis Technology  POST-GRADUATE DEGREE PROGRAMS  M.Sc. in Molecular Biology and Human Genetics [M.Sc. MB&HG]  M.Sc. (MLT) Clinical Bio-chemistry,  M.Sc.(MLT) Clinical Microbiology & Immunology  M.Sc.(MLT) Clinical Hematology and Blood transfusion  Master's in Public Health [MPH]  M.Sc. in Health Science Library and Informatics  POST-GRADUATE DIPLOMA PROGRAMS  Diploma in Genomic Technology [PGDGT]  Diploma in Yoga Practice [PGDYP]  CERTIFICATE PROGRAMS  Application Technology in Hospital Environment  Phlebotomy Technology  Blood Bank Technology  M.Phil. PROGRAMS	2 years 2 years 2 years 2 years 2 years 2 years 1 year 1 year 1 year 1 year 1 year 1 year
43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53.	B.Sc. in Renal Dialysis Technology  POST-GRADUATE DEGREE PROGRAMS  M.Sc. in Molecular Biology and Human Genetics [M.Sc. MB&HG]  M.Sc. (MLT) Clinical Bio-chemistry,  M.Sc.(MLT) Clinical Microbiology & Immunology  M.Sc.(MLT) Clinical Hematology and Blood transfusion  Master's in Public Health [MPH]  M.Sc. in Health Science Library and Informatics  POST-GRADUATE DIPLOMA PROGRAMS  Diploma in Genomic Technology [PGDGT]  Diploma in Yoga Practice [PGDYP]  CERTIFICATE PROGRAMS  Application Technology in Hospital Environment  Phlebotomy Technology  Blood Bank Technology  M.Phil. PROGRAMS  M.Phil. (Molecular Cell Biology and Medical Genetics)	3 years  2 years  2 years  2 years  2 years  2 years  2 years  1 year  1 year  1 year  1 year
43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54.	B.Sc. in Renal Dialysis Technology  POST-GRADUATE DEGREE PROGRAMS  M.Sc. in Molecular Biology and Human Genetics [M.Sc. MB&HG]  M.Sc. (MLT) Clinical Bio-chemistry,  M.Sc.(MLT) Clinical Microbiology & Immunology  M.Sc.(MLT) Clinical Hematology and Blood transfusion  Master's in Public Health [MPH]  M.Sc. in Health Science Library and Informatics  POST-GRADUATE DIPLOMA PROGRAMS  Diploma in Genomic Technology [PGDGT]  Diploma in Yoga Practice [PGDYP]  CERTIFICATE PROGRAMS  Application Technology in Hospital Environment  Phlebotomy Technology  Blood Bank Technology  M.Phil. PROGRAMS	2 years 2 years 2 years 2 years 2 years 2 years 1 year 1 year 1 year 1 year 1 year 1 year



### **ACADEMIC & ADMINISTRATIVE EVENTS**

The 6th Annual Convocation of SDUAHER was held on 30th March 2016. Padma BhushanaDr.Devi Prasad Shetty, Founder & Chairman, Narayana Health, Bangalore was the chief guest. Dr.Patnam.R.Krishnaswamy was conferred MD HonorisCausa. Two students was conferred Master of Philosophy (M.Phil) Degree, two students Post Graduate Diploma in Genomic Technology (PGDGT) Degree, 57 students were conferred Post Graduate MD/MS Degree, 17 students were conferred Post Graduate Diploma Degree, 124 students were conferred Undergraduate (MBBS) Degree and 4 B.Sc. Allied Health students were conferred their degree's.









### **DOCTOR'S DAY CELEBRATION & TEACHERS' DAY CELEBRATIONS**



Doctors Day celebration on 1st July 2015 at SDUAHER



Felicitation of Dr. V. Lakshmaiah and Dr. Krishnamurthy on Teachers's Day Celebration on 5th September 2015 at SDUAHER



### **BOARD OF MANAGEMENT & ACADEMIC COUNCIL MEETING**



Board of Management Meeting on 27th October 2015



23rd Academic Council Meeting on Friday, the 25th March 2016 at 2.00 PM.

### **BOARD OF STUDIES FACULTY OF MEDICINE**



16th Meeting of BOS – Para Clinical Subjects 17th February 2016



13th Meeting of Faculty of Medicine held on 26th February 2016

## INDEPENDENCE DAY CELEBRATION 2015 & SRI DEVARAJ URS BIRTHDAY CELEBRATIONS



Dr. Sarala, Prof & HOD of Pharmacology receiving the best department award during the Independence Day Celebration on 15th August 2015



13th Meeting of Faculty of Medicine held on 26th February 2016



### HOSPITAL DAY CELEBRATIONS & REPUBLIC DAY CELEBRATIONS



Dr. Ramachandra, Medical Director of RRMCH lightning the lamp on Hospital Day Celebration on 19th October 2015



Republic Day Celebrations 26th January 2016

### **ACTIVITIES RELATED TO SOCIETAL BENEFIT**



Sri R.L.Jalappa, Chairman, SDUET distributing scholarships to rural students



Sri R.L.Jalappa, Chairman, SDUET with Rural Students who were awarded Scholarships



### **NSS AND YRC ACTIVITIES**



SwachhBharath mission activities by NSS volunteers



A cultural show by student on occasion of National Integration Camp



Prize distribution to the participants in poster preparation and oral presentation on World Health day



Flute Recital Programme with SPICMACAY on the eve of Rashtriya Ektha Diwas



Road Rally in Kolar Town on International Day of Yoga



Dr. A.V.M.Kutty, Registrar, SDUAHER Presenting the prizes for Poster and Essay Writing on Yoga Day



### **WOMEN EMPOWERMENT CELL**



A Skit performed by students on the occasion of Mother's Day Celebration on 5th May 2015



Guest Lecture 26th March, 2015. Dr. SujathaJali, MD "Strengthening Women Empowerment".



Awareness programme on "Advantages of breast feeding" to all the postnatal mothers on August 1st 2015 at R.L. Jalappa Hospital



A workshop on "Lactation Management" was conducted for Nursing Students on the occasion of Breast Feeding week - 3rd and 4th August



Students from R.L.Jalappa Central School Participating in Drawing Competition on International Day for Girl Child on 9th October 2015



Food stall organized by Women Empowerment Cell on the occasion of International Women's Day celebrations on 4th March 2016



### SPORTS AND CULTURAL ACTIVITIES

























## **FINANCE**

## SCHEDULES FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDING 31st MARCH 2016, SIGNIFICANT ACCOUNTING POLICIES

### 1. SYSTEM AND METHOD OF ACCOUNTING:-

The Accounts were prepared under mercantile system of accounting basis and followed the Accrual system of accounting.

### 2. REVENUE RECOGNITION:-

All revenues are recognized on accrual basis.

### 3. FIXED ASSETS:-

Fixed Assets are accounted at cost of acquisition including inward freight, duties and taxes and incidental and direct expenses related to acquisition installation and commissioning.

Fixed assets were valued at cost less accumulated depreciation. Depreciation on fixed assets is provided on written down value method.

Land - 00%
Buildings - 10%
Equipments& Tools - 15%
Computers, Accessories & Software - 60%
Vehicles - 15%
Library Books\Journals & Magazines - 15%
E-Journals & Data Base - 15%

Depreciation is provided at full rate on the additions to Assets during the year.

### 4. INVENTORY:-

Stock of Drugs, Chemicals, Linen, Stationery and other Stores were taken at cost as per the Physical Verification.

### 5. INVESTMENTS:-

All Investments were valued at Cost.

### 6. No GOVT.GRANTS WERE RECEIVED:

## 7. INVESTMENT OF EARMARKED \ ENDOWMENT FUNDS AND INTEREST ACCRUED ON SUCH INVESTMENTS:-

Incomes earned on various investments including earmarked investments were recognized on Accrual Basis subject to the materiality of quantum of Revenue.

### 8. TAXATION:-

Income of the Academy Exempted from Income Tax Act 1961. Hence no provision for taxation is made in the Accounts.

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FINANCE OFFICER REGISTRAR



## SCHEDULES FORMING PART OF THE ACCOUNTS FOR THE YEAR ENDED 31ST MARCH 2015 NOTES ON ACCOUNTS FORMING PART OF INCOME AND EXPENDITURE ACCOUNT AND BALANCE SHEET AS ON 31.03.2016

- 1. The Annual Accounts for the year 2015 16 is prepared on Accrual basis.
- 2. Liabilities booked and recognized on receipt of bills and materials / equipments both in respect of Current and other Liabilities.
- 3. In respect of E-Journals and Database subscriptions, the benefit of which is derived during the year of spending has been treated as Revenue Expenditure and unexpired portion of subscription is treated as prepaid expenses.
- 4. The Current Assets, Loans and Advances have a value on realization in the ordinary course of business, equal to the aggregate amount shown in the Balance Sheet.
- 5. Schedules 1 to 5 are annexed herewith and form an integral part of the Balance Sheet as on 31st March 2016 which includes Income and Expenditure Account for the same year ending.
- 6. Receipts and Payments Account for the year 2015-16 has been prepared on Cash basis.

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FINANCE OFFICER	REGISTRA



# SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH CENTRE

Comprising Sri Devaraj Urs Medical College

Declared under section 3 of UGC Act, 1956, MHRD GOI No. F.9-36/2006-U.3(A) Dt. 25th May 2007) (A DIVISION OF SRI DEVARAJ URS EDUCATIONAL TRUST FOR BACKWARD CLASSES Regd.) **TAMAKA, KOLAR 563 101** 

BALANCE SHEET AS AT 31ST MARCH 2016

ONIT HOW I GOODING	THOMA	STITUTE A SECULE & DECELLE	3	TIMIOMA	_
FUNDS & LIABILITIES	AMOUNI	ASSETS & PROPERTIE	-0	AMOONI	
GENERAL FUND		FIXED ASSETS:			
(AS PER SCHEDULE - 1)	1,57,50,37,598	1,57,50,37,598 (AS PER SCHEDULE - 4)		72,58,37,427	
CURRENT LIABILITIES	0.00	CURRENT ASSETS			
SUNDRY CREDITORS		(AS PER SCHEDULE - 5)		79,42,44,700	
(AS PER SCHEDULE - 2)	1,34,29,044				
3		CASH & BANK BALANCES:			
OTHER LIABILITIES		(AS PER SCHEDULE - 6)		3,97,97,926.00	
(AS PER SCHEDULE - 3)	1,30,40,940	9			
		BRANCH / DIVISION			
		SDUET	4,35,85,119		
		DUET PHARMA	(24,46,085)		
		RLJCS	1,56,903		
		SDUCON	3,31,592	4,16,27,529	
TOTAL	1.60.15.07.582 TOTAL	TOTAL		1.60.15.07.582	_

Schedules 1 to 5 & Notes on Accounts shall form part of this Balance Sheet

DR. A.V.M.-KUTTY REGISTRAR

FOR NARAYANA SETTY RVM & CORT As per Our report of even date Chartered Accountants

BANGALORE 560 018

> S.A. NARAYANA SETTY PARTNER

FINANCE OFFICER

DATE: 30.09.2016

PLACE: KOLAR

Sri Devaraj Urs University of Higher Education and Research, Kolar (Institution Deemed to be University)



## SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH CENTRE Comprising Sri Devaraj Urs Medical College (Declared under section 3 of UGC Act, 1956, MHRD GOI No. F.9-36/2006-U.3(A) Dt. 25th May 2007) TAMAKA KOLAR 563 101 INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2016

	EXPENDITURE	AMOUNT	INCOME	AMOUNT
0,1	To ADVERTISEMENT-MC	16,29,873 BY	ACADEMIC SOCIETY FEE	29,000
	ADVERTISEMENT-RLJH	1,06,500	AGRICULTURAL INCOME-MC	1,54,200
	AMBULANCE MAINTENANCE-RLJH	11,96,795	AMBULANCE CHARGES-RLJNH	098'9
-	AMC EQUIPMENTS-RLJH	39,92,869	APPLICATION FEE - MBBS	1,91,000
-	AMC-MC	16,58,241	APPLICATION FEE - P.HD Programme	30,000
-	AUDIT FEE-MC	3,24,900	APPLICATION FEE - PG	78,000
	BANK CHARGES	63,995	APPLICATION FEE ALLIED SCIENCES	36,000
	BIO MEDICAL WASTE-RLJH	8,45,000	APPLICATION FEE- PG COUNSELLING	1,14,000
	CELEBERATIONS	6,57,625	APPLICATION FEE UGET-2014	7,01,500
-	CELEBRATIONS-RLJH	7,500	BANK CHARGES (RECEIVED)	2,91,494
	COMPUTER MAINTENANCE-MC	15,11,838	BUS FARE	26,26,000
	COMPUTER MAINTENANCE-RLJH	8,54,341	COMMISSION ON OPTICALS SALES-RLJH	3,53,707
	COMPUTER PHERIPERALS-RLJH-Consumables	10,709	DESSERATION FEE	1,23,000
	CONVOCATION EXPNS - MC	7,10,440	DOMESTIC WASTE DISPOSAL-RLJNH (QTRS)	4,440
	COUNCELLING EXP-PG	3,55,150	E JOURNAL PRINTING CHARGES	57,519
-	COUNCELLING EXP-UG	1,23,106	ELECTRICITY CHARGES RECD	19,00,215
	DEPRECIATION-MC	5,05,59,943	ELECTRICITY CHARGES RECEIVED- MC	21,15,950
_	DEPRECIATION-RLJH	3,96,81,070	EXAMINATION FEE	27,49,300
-	DISH RENT-MC	76,800	FINES	11,77,400
-	DONATIONS	63,00,000	HOSPITAL COLLECTIONS	29,48,98,830
-	ELECTRICAL INSPECTION CHARGES-MC	66,400	HOSTEL RENT - MEN	63,42,595
	ELECTRICITY CHARGES-DRS	11,589	HOSTEL RENT - WOMEN	1,03,21,932
	ELECTRICITY CHARGES-MC	91,68,812	INTEREST ON FIXED DEPOSITS	7,10,74,307
	ELECTRICITY CHARGES-RLJH	1,01,69,635	INTEREST ON SB A/C	26,52,200
	ENTRANCE TEST EXP-UG	2,03,400	INTERNSHIP DIARY	1,89,000
	EXAMINATION EXP-MC	46,68,359	LIBRARY BOOKS DUE FINE	1,09,175

As per our report of even date
For NARAYANA SETTY RVM & CO
Chartered Appenutants

S.A. NARAYANA SETTY PARTNER

FINANCE OFFICER

PLACE: KOLAR DATE: 30.09.2016

Sri Devaraj Urs University of Higher Education and Research, Kolar (Institution Deemed to be University)



## SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH CENTRE Comprising Sri Devaraj Urs Medical College (Declared under section 3 of UGG Act, 1956, MARD ROI No. F.9.36/2006-U.3(A) Dt. 25th May 2007) TAMAKA KOLAR 563 101 INCOME & EXPENDITIBE ACCOUNT FOR THE YEAR FINDED 31ST MARCH 2016

	EXPENDITURE	AMOUNT		INCOME	AMOUNT
=	GARDEN MAINTENANCE-MC	1,41,538		LIBRARY CARD FEE	1,200
	GENERAL EXP-DRS	330		MBBS FEE - 2014-15	19,35,500
	GENERAL EXPENSES-MC	6,96,750		MBBS FEE- 2015-16	43,86,77,141
	GENERAL EXPENSES-RLJH	72,835		MIGRATION CERTIFICATE FEE	3,01,000
	GENERATOR MAINTENANCE-MC	39,81,398		MISC FEE	2,49,700
	GENERATOR MAINTENANCE-RLJH	64,21,681	=	MISCELLANEOUS INCOME	24,47,310
	GRATUITY-MC	76,41,027		NSS CAMP EXP-MC	3,32,340
3	GRATUITY-RLJH	6,99,505		PG FEE - 2014-15	7,23,000
	HANORARIUM-MC	4,45,484		PG FEE -2015-16	22,21,00,465
=	HEALTH CAMP EXP-MC	9,82,641		PROVISIONAL DEGREE CERTIFICATE	73,000
	HOSPITAL FREE FOOD EXP-RLJH	99,87,832		RENT RECEIVED	1,04,33,082
	HOSPITAL INVESTIGATION CHARGES-RLJHanand	8,72,136		RE-TOTALING FEE	74,000
	HOSPITAL MAINTENANCE-RLJH	4,59,40,874		RE-TOTALLING FEE - SDUU	1,02,000
	HOSPITAL REFRESHMENTS-RLJH	4,76,345		STUDENTS CERTIFICATE FEE	2,71,260
	INCENTIVES-RLJH	1,70,750		TUITION FEE - PHD PROGRAMME	4,49,500
:	INSPECTION FEE-MC	38,090	=	TUITION FEE ALLIED SCIENCES	23,36,500
=	INSURANCE -INDIMINITY-RLJH	4,76,042		WASTE DISPOSAL-SDUU	19,140
=	INSURANCE-EQUIPMENT-RLJH	2,93,545	=	WATER CHARGES COLLECTED	6,88,234
=	INSURANCE-STUDENT-MC	2,54,841			
	INTERNAL AUDIT - RLJH	1,70,948			
	INTERNAL AUDIT FEES-MC	1,70,947			
=	LAB MAINTENANCE-MC	62,39,362			
1	LAB MAINTENANCE-SKILL LAB-MC	1,70,375			
r	LAND TAX-MC	13,01,478			
=	LAND TAX-RLJH	32,116			

As per our report of even date For NARAYANA SETTY, RVM & CO

GA. NARAYANA SETTY PARTNER

FINANCE OFFICER

PLACE: KOLAR DATE: 30.09.2016



## SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH CENTRE Comprising Sri Devaraj Urs Medical College (Declared under section 3 of UGC Act, 1956, MHRD GOI No. F.9-36/2006-U.3(A) Dt. 25th May 2007) TAMAKA KOLAR 563 101 INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2016

	EXPENDITURE	AMOUNT	INCOME	AMOUNT
	LEGAL FEE-MC	23,23,500		
	MCI INSPECTION-MC	8,14,520		
	MEETING EXPENCES-MC	15,76,303		4
	NAAC INSPECTION FEE	6,84,619		
	NEWS PAPERS & PERIODICALS-MC	95,445		
	ONLINE JOURNALS-RGUHS-MC	2,00,000		
	PF-EMPLOYER CONTRIBUTION-MC	68,92,000		
	PF-EMPLOYER CONTRIBUTION-RLJH	68,86,385		
	PF-EMPLOYER CONTRIBUTION-SDUU	9,01,559		
	PHOTO COPYING CHARGES - MC	1,55,756		E
	PHOTO COPYING CHARGES - RLJH	44,668		
	PLEXUS-2015-MC	18,66,842		S. 2.50
	POSTAGE & COURIER-MC	1,91,500		
	POSTAGE & TELEGRAM-RLJH	7,588		
	PRINTING & STATIONARY-DRS	2,395		
	PRINTING & STATIONARY-MC	39,92,115		
	PRINTING & STATIONERY-RLJH	31,19,950		
	PROFESSIONAL CHARGES-MC	10,65,115		
	PROFESSIONAL CHARGES-RLJH	1,71,750		
	REGISTRATION & RENEWALS-MC	5,86,752		
	REGISTRATION & RENEWALS-RLJH	3,89,513		
	RENOVATION, REPAIRS & MAINTENANACE	16,73,476		ن ن
	REPAIRS & MAINTENANCE (BUILDING)-MC	1,31,61,986		
=	REPAIRS & MAINTENANCE (FURNITURE)-RLJH	5,891		
	REPAIRS & MAINTENANCE-BUILDINGS-RLJH	23,86,507		
	REPAIRS & MAINTENANCE-EQUI & OTHERS-MC	46,95,007		

BANGALORE As per our report of even date For NARAYANA SETTX,RVM & CO S.A. NARAYANA SETTY PARTNER Chartered Accountants

560 018

FINANCE OFFICER

DR. A.V.M. KUTAY REGISTRARY

PLACE: KOLAR DATE: 30.09.2016



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH CENTRE
Comprising Sri Devaraj Urs Medical College
(Declared under section 3 of UGC Act, 1956, MHRD GOI No. F.9-36/2006-U.3(A) Dt. 25th May 2007)
TAMAKA KOLAR 563 101
INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2016
DITURE

EXPENDITURE

-	TO STATE OF THE PARTY OF THE PA	TAMOUNT	INCOME G CATEGORY OF THE CONTROL OF	TMILIMA
1	EAPENDIUME	INCOME.		
	REPAIRS & MAINTENANCE-EQUIPMENTS-RLJH	37,87,067	,	
	RESEARCH ACTIVITIES	34,12,061	•	
	SCHOLARSHIP-SDUAHER	21,12,500		
	SECURITY CHARGES-MC	26,51,853		
	SECURITY CHARGES-RLJH	57,87,079		
	SIGN BOARDS-MC	9,44,418		
	SIGN BOARDS-RLJH	6,37,896		
	SPORTS EXP-MC	8,25,438		
	STAFF SALARIES-MC	27,34,41,996		
	STAFF SALARIES-RLJH	8,13,76,992		
	STAFF SALARIES-SDUU	2,34,55,334		<u>~~</u>
	STAFF UNIFORM-MC	3,54,852		
	STAFF UNIFORM-RLJH	5,90,247		
	STIPEND- Ph.D & M.Phil	6,83,471		
	STIPEND-PG-MC	2,26,48,011		
	STIPEND-UG	65,01,750		
:	SUBSIDY TO PATIENTS-RLJH	13,20,89,356		
:	TELEPHONE CHARGES- RLJH	3,15,820		
	TELEPHONE CHARGES-DRS	13,250		
	TELEPHONE CHARGES-MC	5,05,177		
	TRAVELLING & CONVEYANCE-MC	14,42,254		
	TRAVELLING & CONVEYANCE-RLJH	1,09,115		
	VAT PAYMENT	54,115		
:	VEHICLE MAINTENANCE-MC	42,21,561		
	VEHICLE MAINTENANCE-RLJH	2,43,737		
	WASTE DISPOSAL-MC	4,25,867		
	WASTE DISPOSAL-RLJH	5,27,376		
	WATER MAINTENANCE-MC	25,16,678		
=	WATER MAINTENANCE-RLJH	25,09,325		
z	WEB DEVELOPMENT-MC	56,875		274
=	X-RAY CD'S & COVERS	1,82,990		
:	EXCESS OF INCOME OVER			
- 1	EXPENDITURE TFD TO GENERAL FUND	22,82,92,723		
91	TOTAL	1,07,95,42,086	TOTAL	1,07,95,42,086
			As per our report of even date For NARAYANA SETTY, RVM & CO	
	-		Special Appropriate Contraction of C	CETTVE

DR. A.V.M. KUTEY REGISTRAR

FINANCE OFFICER

PLACE: KOLAR DATE: 30.09.2016

Sri Devaraj Urs University of Higher Education and Research, Kolar (Institution Deemed to be University)