



# SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH

## ANNUAL REPORT

FOR THE PERIOD 01-04-2016 TO 31-03-2017

**As Approved by the Board of Management**



*Published by*

## SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH

**A-DEEMED-TO-BE-UNIVERSITY**

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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 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 Ge-

netics 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 SDUAHER has established Centre for 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 lounge. The library is automated with Easy 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 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. SDUAHER conducted a Green audit and the report is satisfying and the recommendations of the auditors are under consideration for further implementation.

The Academy, 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). SDUAHER has already achieved all of the Short Term Goals and is on an upbeat to achieve the Intermediate Goals. The Academy 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 7<sup>th</sup> Annual Convocation of SDUAHER was held on 24<sup>th</sup> March 2017. Dr.C.N.Manjunath, Padmashree Awardee, Director, Sri Jayadeva Institute of Cardiovascular Sciences & Research, Bangalore was the chief guest and he delivered the convocation address. Dr.S.K. Kumar, Hon'ble Chancellor, SDUAHER presided over the convocation. Dr. C.V. Raghuveer, Vice Chancellor, SDUAHER presented the university report and Hon'ble President, Sri. R.L.Jalappa, Founder Chairman and Former Chancellor, Sri Devaraj Urs Educational Trust for Backward Classes graced the occasion.

Six Gold Medals were awarded to the toppers in various subjects of Post Graduate Degree and Diploma courses and also in the MBBS programme. A total of 272 students qualified for the award of Degree /Diploma/ Fellowship in their respective subjects which includes 02 students were conferred Doctor of Philosophy (Ph.D), 04 students were conferred Post Doctoral Fellowship in Head & Neck Oncology, 47 students were conferred Post Gradu-

ate MD/MS Degree, 18 students were conferred Post Graduate Diploma , 183 students were conferred Undergraduate (MBBS), 01 student was conferred Master of Philosophy (M.Phil), 04 students were conferred M.Sc Molecular Biology and Human Genetics (MB & HG) ,04 students were conferred Master of Public Health (MPH), 01 student was conferred Post Graduate Diploma in Yoga Practice and 08 B.Sc Master of Laboratory Technology and Operational Theater Technology (MLT & OTT) students were conferred their degrees.

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.

**Dr.C.V.Raghuveer**  
**Vice Chancellor**



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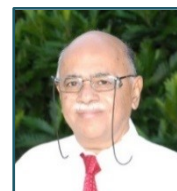
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Dean, Faculty of Medicine



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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 in 2015) 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 25<sup>th</sup> May 2007.

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.



## ABOUT THE ACADEMY

The establishments of the University and the constituent institution are co-located at Tamaka village, Kolar and spread over more than 72 acres of lush green campus with several buildings to accommodate the medical college, administrative offices, teaching/training facilities, hospital and hostels with a total built up area of over 1.17 lakh sq mtrs. Currently, the university has two faculties of studies viz; Faculty of Medicine and Faculty of Allied Health Sciences. The medical college conducts Under Graduate Degree (MBBS), Post Graduate Degrees (M.D./M.S.), Post Graduate Diploma courses, Doctoral Programmes in Anatomy, Physiology, Biochemistry, Microbiology, Pathology, Ophthalmology , E.N.T. and Fellowship Programmes in Head and Neck Surgical Oncology as well as Oral surgical Oncology.

The University has developed regulations, curricula/syllabi for MBBS, Postgraduate (M.D./M.S.) and Postgraduate Diploma Courses as per the policy guidelines laid down by the Medical Council of India, New Delhi. While core curriculum as per regulatory bodies is retained, modifications of curriculum required are done after obtaining feedback from the stakeholders. The university has

established a Department of Medical Education (UDOME) to train the trainers in the processes of curriculum development as well as teaching learning and evaluation modalities. All the Undergraduate and Postgraduate courses offered under the Faculty of Medicine are recognized by Medical Council of India. The college is also recognized by the Malaysian Medical Council since the academic year 2009-10.

The Departments under the Faculty of Allied Health Sciences offer Doctoral, M.Phil. Postgraduate and Undergraduate programmes. The Department of Allied Health Sciences conducts vocational programs in six specialties and the Department of Cell Biology and Molecular Genetics offers innovative courses viz., M.Sc. in Molecular Biology and Human Genetics, Postgraduate Diploma in Genomic Technology, M.Phil. in Molecular Cell Biology and Medical Genetics and Ph.D. in Molecular Biology and Cytogenetic Studies. In addition, the university also offers postgraduate programmes on Library and Information Science (MLISc) and in Public Health (MPH) under the aegis of same faculty. Taking note of the current trends on integration of Complementary and Alternative Systems of Medicine (CAM) in medical practice world over, the university

has established the Department of Integrative Medicine recently to provide holistic health care facilities to the patients suffering from chronic diseases. The department offers Post Graduate Diploma in Yoga Practice. The regulations and curricula for the courses offered under the faculty of Allied Health Sciences are designed and developed in-house by relevant bodies taking into consideration the skills and competencies to be acquired by the students of each discipline of study.

The teaching hospital of the University, 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. It has a well-equipped Trauma Care Centre and ICU backed by CT and MRI scanning facilities. The mandate of the university is to develop trained manpower of medical and allied health professionals to cater to the needs of the community and provide service to the needy rural population. It also has set up an Outpatient Unit at Kolar town and renders committed outreach service to the disadvantaged through conduct of free medical camps at remote and difficult-to-reach

areas. As an initiative for future expansion the Hospital will have a new Operation Theatre Complex with 12 Operation Theatres, a new ICU complex and a new Dialysis Unit by early next year. The teaching Hospital has Entry level NABH accreditation as well as SAFEi NABH certification. The University is accredited by NAAC with a CGPA 2.66 Grade - B.



## MESSAGE



*It is true that human resources play a pivotal role in the development of a nation and is essentially linked to literacy and quality of education.*

*Education should not confine itself merely to imparting or acquisition of knowledge. Rather, it should emphasize on logical thinking to help the students in arriving at a right conclusion besides acquiring knowledge. The students should become active learners and be able to understand and comprehend every bit of information they receive.*

*Sri Devaraj Urs Academy of Higher Education and Research has always upheld the motto of providing the best quality of education to its students and in this direction, The Academy has brought forward several academic reforms for the benefit of the students for acquiring special attributes which enable them to stand out with distinct qualities in their professional fields.*

*The University also has made significant improvements in various facets of its activities. The continued medical education programmes and training of trainers help the teachers to remain abreast with the latest trends in education technology, research methodology and patient care.*

*I am happy that the University is bringing out the 9<sup>th</sup> Annual Report for the year 2016-17 reflecting and archiving the gist of activities of the university in terms of administration, academics and other activities.*

*I hope you will appreciate the contents of the report and the efforts put in thereto as well as the achievements of this Deemed to be University.*

**Shri.R.L.Jalappa  
Chairman, SDUET**



*Cordial greetings and warm wishes to all my colleagues at Sri Devaraj Urs Academy of Higher Education and Research, Kolar.*

*With immense pleasure, I write this message for the Annual Report of our esteemed Academy and it is with humility and a sense of thanking God for the small strides of progress made by the Academy this year. Academic services which are a continuously evolving process at our Academy, has seen progress by the introduction of Choice Based Credit System, implementation of Supplementary Examination for 1<sup>st</sup> MBBS after six weeks from the main examination, continuing familiarization of students to OSPE and OSCE and mandating rural postings during 1<sup>st</sup> MBBS to give a live-in experience to generate the spirit of empathy & social relevance to our medical students.*

*The Academy has established new centers and started new courses this year in the name of Centres for Environmental Studies, M.Phil. and Ph.D. program, Rural Health Care Development and Substance Abuse prevention. The new courses started in the current year include B.Sc. Radio-Therapy and Home Care Nursing. The integrated course- B.Sc. / M.Sc. in Clinical Nutrition and Dietetics, along with the establishment of Department of Clinical Nutrition and a Fellowship program in Oral Oncosurgery.*

*Infrastructural improvements during the current year include strengthening the services at the newly established Central Diagnostic Laboratory, Central Research Laboratory, Department of Physiotherapy and establishment of the Skill Centre with particular focus on imparting skills to our undergraduate and postgraduate students. The Department of Medical Education is also being relocated to a new location with enhanced facilities. A modern Food Court is being established to offer hygienic and nutritious food to all our students and faculty.*

*Towards our efforts at research and novel consultancy, we have conducted the Undergraduate Research Conference (DeMedCon) this year also attracting more participation than in the years before. We have ongoing research projects in collaboration with Megazen, ITC Limited (Food Division) and National Institute of Miners Health. The Academy also started conducting Specialty Clinics in urban slums of Kolar district for National Urban Health Mission (NUHM). Medical fitness screening is being offered as a consultancy services to several industries located at the industrial hub of Narasapura. The Academy is also conducting food product trial for select food industries. Our Academy has also participated in the National Programmes on Pulse Polio and Filariasis.*

*The R.L.Jalappa Hospital and Research Centre the teaching hospital of the academy has been granted with entry level NABH accreditation as well as in NABH Safei Certification. The Central Diagnostic Laboratory of the hospital has undergone pre assessment inspection as a pre-requisite prior to obtaining NABL accreditation.*

*While I place on record my sincere appreciation to the efforts of all my faculty colleagues for their strides of progress, I wish to add that this is just the beginning of our journey and our quest for the future should be an ongoing effort.*

*May God bless you all.*

**Dr. S. Kumar**  
**Chancellor**

## MESSAGE



*The purpose of publishing this Annual Report is not only to recount the academic activities of the Academy but also to help in making an objective assessment of the achievements which might have helped students in gaining extra knowledge, enjoying the extra “global” exposure and appreciate the efforts of the faculty in fostering such endeavors.*

*I am very happy that the Annual Report of the Sri Devaraj Urs Academy of Higher Education and Research is ready in record time. On browsing through the papers one will encounter the progress made in Teaching / Learning together with Evaluation and appreciate the advances made in Research and Development. Several new initiatives have been taken by the Academy including streamlining Ph.D. programmes, attracting more research initiatives, starting of new courses in collaboration with other organizations. The Infrastructural improvements initiatives include construction of new O.T. Complex, I.C.U., Dialysis and Endoscopy units which are nearing completion. The new Food Court has added luster to the campus. The Department of Clinical Nutrition and Dietetics has started functioning with students who have enrolled for the B.Sc. – M.Sc. composite course. The academy has signed MoUs with several institutions of higher learning as well as industries.*

*I heartily congratulate all the departments which have put in tremendous efforts in conducting CMEs, Guest Lectures and the like as well as in their efforts to go forward with NABH Accreditation of the R.L.Jalappa Hospital and Research Centre and NABL Accreditation of the Central Diagnostic and Laboratory Services. May the efforts continue to help the Academy to grow more in the years to come.*

**Prof.C.V.Raghuvier**  
Vice Chancellor

## MESSAGE



*It is with great pleasure and pride we present you the Annual Report of Sri Devaraj Urs Academy of Higher Education and Research for the year 2016-17. In just over a decade of its existence since 2007, it has grown significantly in its stature and dimensions as a Deemed to be University.*

*The Year 2016-17 has been very satisfying in terms of its performance with respect to Academics, Research and Administration. In the Academic front, The University has started a new course in Clinical Nutrition and Dietetics, a unique composite, B.Sc. - M.Sc. Integrated Programme under a well-designed and equipped department of Clinical Nutrition and Dietetics. The Department of Physiotherapy has also been strengthened with new facilities and faculty. B.Sc. Radiation Technology is another course started by The University in 2016.*

*The Central Research Facility of The Academy has got a boost in terms of space, equipment and manpower. This facility is capable of undertaking research in the areas of genomics, proteomics, cell culture and phyto-chemistry. The University is committed to support the faculty, undergraduates and postgraduates students to engage in research and the quality of research output is on the rise.*

*Sri Devaraj Urs Academy of Higher Education and Research is leaving no stone unturned in strengthening the quality of teaching, learning, patient care and research activities. These activities have become an inbuilt culture of The University and I am sure that it would translate into creating a conducive environment for imparting quality education and conducting research.*

*This is the 9<sup>th</sup> Annual Report of Sri Devaraj Urs Academy of Higher Education and Research which gives an extensive narrative of all its curricular, extra-curricular activities and financial performance for the year 2016-17.*

*I hope that you will appreciate the contents of this Report.*

**Dr.A.V.Moideen Kutty**  
**Registrar**

## MESSAGE



*I am pleased to learn that Sri Devaraj Urs Academy of Higher Education and Research is bringing out the **'Annual Report'** for the year 2016-17. As Dean, Faculty of Medicine, I deem it a privilege to provide a few highlights about Sri Devaraj Urs Medical College, the constituent Medical College of The Academy.*

*It is a matter of great satisfaction to observe that The Academy has students from all over the country with diverse culture, ethnic background as well as few students from abroad creating a lively and exciting environment in the campus.*

*The faculty members and the supporting staff have kept their commitments to enhance the quality of the educational offerings, research activities and patient care as well as out-reach programmes to reach the needy.*

*The teaching faculty is regularly updated on a newer teaching, learning and evaluation methodologies through medical education technology workshops conducted by the University Department of Medical Education. This helps the faculty to deliver the contents of the various courses to the students and evaluate the outcome in an effective manner. These practices help the students to excel in their professional fields.*

*The ultimate goal of The Academy is to achieve excellence in the fields of Medical and Allied Health education. I am sure that we, at The Academy are striving untiringly to achieve this objective in an unified and committed manner.*

**Dr.M.L.Harendra Kumar**  
**Dean, Faculty of Medicine**

**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.

**OBJECTIVES:**

- 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.

### 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.

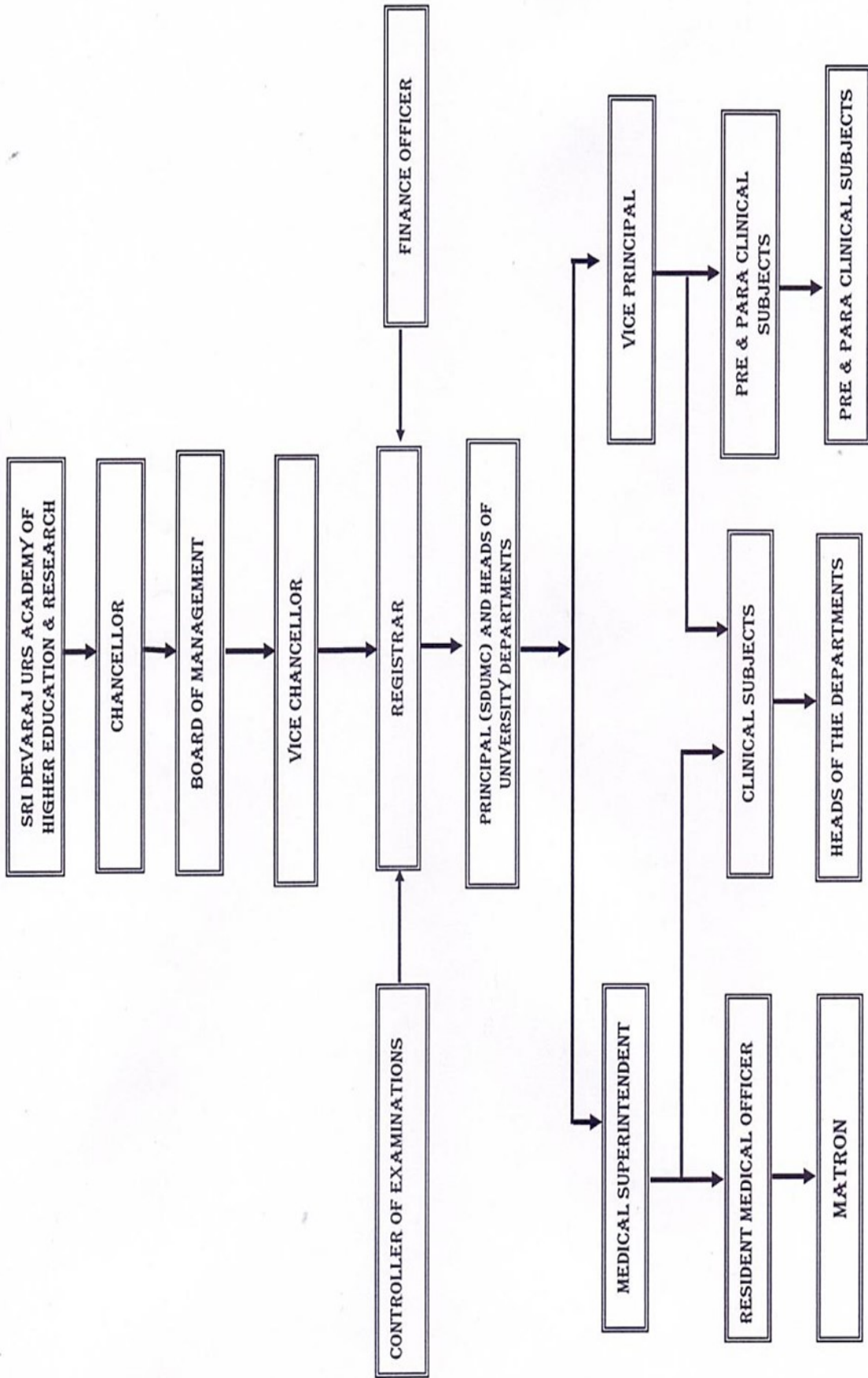
## **B. Intermediate Goals (2011 - 2015)**

- 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

# ORGANIZATION CHART





## BOARD OF MANAGEMENT

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Mr.Prakash Senior Librarian,	Member Secretary



## MORTALITY AND MORBIDITY REVIEW COMMITTEE

Dr.A.Bhaskaran Prof. Dept of surgery	Chairman
Dr.H.S Arun Prof. & Head, Dept of orthopaedics	Member
Dr.Raveesha.A Prof. Dept of Medicine	Member
Dr.Sudha Reddy Prof. Dept of Pediatrics	Member
Dr.Krishna Kumar B.R Assoc. Prof. of Anaesthesiology	Member
Dr.S.R Sheela Prof. & Head of OBG	Member Secretary

## WOMEN'S EMPOWERMENT CELL

Dr. Sudha Reddy V.R Professor, Dept. of Pediatrics	Chairman
Dr. Shashi Rekha C.A Associate Professor, Dept. of Surgery	Deputy Chairman
Mrs. P. Suvarna Reddy Advocate, Former Student Welfare Officer, C. Byregowda Institute of Technology Akshaya, 4 <sup>th</sup> main 2 <sup>nd</sup> Cross Pal- sandra Layout, Kolar - 563 101	External Member
Dr. Sumathi M. E Associate Professor, Dept. of Biochemistry	Member
Dr. Sujatha M.P Assistant Professor, Dept. of Anesthesiology	Member
Dr. Divya C Assistant Professor, Dept. of Anatomy	Member
Dr. Niveditha S Assistant Professor, Medicine	Member
Mrs. Usha G Shenoy Lecturer, Dept. of Physiology	Member
Dr. Vijayalakshmi Principal Sri Devaraj Urs School of Nursing	Member
Mrs. Zeanath Cariena J Chief Nursing Officer	Member

Mrs. Punitha Associate Professor Sri Devaraj Urs College of Nursing, Kolar	Member
Miss. Hemavathi L Computer Operator Office of the Registrar	Member
Mrs. Shashikala V. Jr. Lab. Technician, Dept. of Biochemistry	Member
Miss Srivani P III year – MBBS Student	Member
Miss Minnu Jose Student – Renal Dialysis AHS	Member
Dr. Mona Nongmeikapam Assistant Professor, Dept. of Psychiatry	Joint Secretary
Dr. Asha .B. Associate Professor, Dept. of Pharmacology	Member Secretary

### COMMITTEE FOR ASSESMENT OF PUBLICATIONS FOR INCENTIVES TO THE FACULTY

Dr.M.L.Harendra Kumar Principal, Dean Faculty of Medicine	Chairman
Dr. A V M Kutty Registrar, Dean, Faculty of Allied Health Sciences,	Member
Dr. C.S.B.R.Prasad Prof. & Head, Dept of Pathology,	Member
Dr. T N Suresh Co-Ordinator (R&D)	Member
Dr. Sarala. N Prof. & Head, Dept of Pharmacology Convener, Medical Education Unit	Member Secretary

## 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 2016 to March 2017. The 43<sup>rd</sup> Meeting of the board was held on 23<sup>rd</sup> March 2017.

### **Academic Council**

The Academic Council is responsible for the standards of Education, Teaching, Training and Evaluation as well as Research. The Academic Council met thrice during the period from April 2016 to March 2017. The 26<sup>th</sup> meeting of the Academic council was held on 3<sup>rd</sup> March 2017.

### **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 2016 to March 2017 the Finance Committee met thrice and the 20<sup>th</sup> meeting of the Finance Committee was held on 28<sup>th</sup> February 2017.

### **Planning & Monitoring Board**

It is the principal planning body responsible for monitoring the development programs of The University. During the period from April 2016 to March 2017, the Planning and Monitoring Board met twice and the 15<sup>th</sup> meeting was held on 23<sup>rd</sup> November 2016.

### **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 2016 to March 2017 and the 15<sup>th</sup> meeting was held on 2<sup>nd</sup> February 2017.

### **Boards of Studies**

The following Boards of Pre Clinical Subjects, Para Clinical Subjects, Medicine and Allied Subjects, Surgery and Allied Subjects and Allied Health Science Subjects met twice in the year 2016-17 as per the dates notified in the Calendar of Events.



**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

offer PG degree course with 65 sanctioned admissions for the academic year 2017-18, 8 departments offer PG Diploma course with 18 sanctioned admission and 13 departments offer Ph.D. programmes, Totally 33 students have been enrolled for Ph.D., one fellowship in Head and Neck oncology was also awarded. Dr. Sridhar Rao. P.N. Dept. of Microbiology, Dr. Deena Mendez, Dept. of Biochemistry & Dr. Vanishree.B, Dept. of Biochemistry were awarded with Ph.D. Till date SDUMC has produced nearly 4000 MBBS Graduates, 437 PG Degree & Diploma holders, The Medical College has more than adequate qualified teaching and non-teaching staff to undertake teaching, training and service delivery.



### Administrative Block

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

A Modern Central Diagnostic Lab provides all necessary investigations for the patient care and research. A state of art center for clinical skills and simulation with

University Library and Information science consists of 25244 volumes of books, 10832 back volumes (journals) and 1165 compact discs (CD). The library subscribes 53 foreign titles of current journals, 99 Indian journals.

simulators provides hands- on-training to all the undergraduates, PGs, Interns and faculty. 3 primary health centers are attached to the medical college of which Devaraya Samudra

PHC is being adopted and administered by the Dept. of Community Medicine. In addition an Urban Health Centre and outreach clinics are



### **Auditorium of 1050 seating capacity at Library Information Center**

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 Examinations and is a testimony to the efforts of the dedicated faculty.

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, 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 and recent emerging areas of knowledge in each subject of study.

The College has Qualified and Experienced faculty and each department is staffed as per MCI norms. The Lecture

being run by the department of Community Medicine.



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. Printing, Scanning and Photocopying facilities are also available. The Digital Library has a good number of computers with Internet and Medical Database facilities. Seminars, Symposia, Workshops, CMEs and Conferences are organized regularly by all departments. In addition there is a state of the art centrally air-conditioned library cum Information center and an auditorium of 1050 seating capacity.

College has conducted 3<sup>rd</sup> National Undergraduate Medical Conference (Demedcon 2016) from 19<sup>th</sup> to 21<sup>st</sup> April 2016 on the theme “**Confidence through Competence**” to prepare research attitude among Undergraduates which helps them to future development in the Medical Sciences. They are actively engaged in research and have taken the projects sponsored by ICMR, apart from routine teaching learning and evaluation. Our students have participated in the conferences and have brought laurels to the Institution. The dedicated teams involving staff and students with the support of management conducting the various

workshops, symposia, quiz and street plays benefitting to the theme. The organizing committee has taken all the precautions to cater to the needs of Accommodation, Transport, Scientific Sessions and Food.

The college campus provides adequate and comfortable Hostel accommodation. There are four men's hostels with 700 students' capacity five ladies hostels with 850 student capacity. The canteens, cafeteria, bakery, consumer co-operative society, laundry, ATM and other such facilities take care of the day-to-day needs of the students and staff. The staff are provided with in-campus accommodation and their presence in the campus creates a homely atmosphere. Various guest houses accommodate visiting dignitaries, examiners,

parents and past students. Alumni and Parent-Teacher Associations are active with their valuable suggestions.

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 in the communities in Kolar

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



## R.L. JALAPPA HOSPITAL AND RESEARCH CENTRE

### VISION:

“To be a Centre of excellence for offering Quality Patient Care, Clinical Teaching and Scientific Medical Research”.

### INTRODUCTION:

R.L.Jalappa Hospital and Research Centre is a Teaching Hospital attached to Sri Devaraj Urs Medical College, which is the Constituent Institution of Sri Devaraj Urs Academy of Higher Education and Research. It is a tertiary referral Health Care Centre which was started in the year 1994 with outpatient service. The full pledged outpatient & Inpatient services were started from January 1995. The hospital is catering to the Health needs of the backward districts of Kolar, Chikkaballapur and also the adjoining areas of Andra Pradesh and Tamil Nadu. The Hospital has grown from a humble beginning to a well-established Health Care provider with the facilities & equipments on par with leading teaching Hospitals of the state. All the basic specialty services are free for the patients of the general wards except the Medico-Legal cases. High end investigations are provided at a concessional rate considering the financial constraints of the people of the region.

### Activities at a glance

MOU with Manipal Hospital, Bangalore on 29<sup>th</sup> April 2016 for the services in Neuro-Surgery & Nephrology. Dr.Rohan Augustine and Dr.Ravi Jangamani are visiting RLJH & RC on every Wednesday.

The World Labour Day was celebrated in the hospital on 01-05-2016. The function was chaired by Dr.V.Lakshmaiah, the Medical Superintendent of RLJH & RC.

New Medical Superintendent Dr.Mohan Kumar.K took charge on 22/6/2016 from Dr.V.Lakshmaiah.

Renewal of various Government Health schemes, namely; Yeshasvini Health Insurance scheme (YHIS) and Rashtriya Swasthya Bima Yojna (RSBY) for BPL card holders etc.,

License obtained from Health Authorities for MTP.

The Hospital Day was celebrated with pomp and pride on 19-10-16 to mark the birthday of our Hon'ble Chairman Sri.R.L.Jalappaji. Sri.G.K.Nagaraj Secretary of Sri Devaraj Urs Educational Trust presided over the function. The Guest of Honour were Dr.S.Kumar, Hon'ble Chancellor, SDUAHER and Sri.J.Rajendra, Trustee and Director A & F, SDUAHER. The function was also graced by Dr.C.V.Raghuveer, Hon'ble Vice Chancellor, DR.A.V.M.Kutty, Registrar, Dr.M.L.Harendra Kumar, the Principal, Dr.MohanKumar.K.Medical Superintendent.

Dr.A.Bangarappa who served for more than 15 years in various capacities in the hospital expired on 28-10-2016. A condolence meeting was arranged for the sad demise of one of the sincere officers of the hospital.

At Kolar OPD Block, the R.L.Jalappa Institute of Diabetology and Research was inaugurated on 14-11-2016. Dr.V.Lakshmaiah is made the coordinating officer. A free diabetic camp was arranged to mark the occasion.

The Hospital acquired the Pre Entry Level NABH Certification with effect from 07/12/2016. The Medical Superintendent Dr.Mohan Kumar.K thanked all the Doctors and various other staff members including Smt.Beenamma Kurian, the NABH Coordinator for their exemplary work. Safe-I Programme is under progress.

This year Christmas Day was celebrated on 21-12-2016 in the hospital. The gathering included the Hon'ble Vice Chancellor, Deputy Medical Superintendent, Finance Officer and Chief Nursing Officer etc., on the dais. The gathering was addressed by the Vice Chancellor of the Academy.

Because of healthy practices and improvement in quality patient care, hospital has acquired certification from NABH which has subsequently reflected in the steady increase in Out-patients / In-patients and Operations and overall patient satisfaction.

**Statistics of the hospital as follows:**

Total Outpatients : 456581  
 Total In-patients : 235884

**No. of Surgeries:**

a. Major : 8324  
 b. Minor : 29864

**Total Camps conducted:**

i. General Health check-up camps : 48  
 ii. Voluntary blood donation camps : 8  
 iii. MCH clinics : 88  
 iv. Outreach activities : 278  
 v. Cataract Surgery Camps : 72

**No. of deliveries:**

a. Normal Deliveries : 978  
 b. LSCS : 1460

**I. Clinical materials:**

	For 12 months	Average/Day
No. of Out-patients *		
No. of In-patients		
No. of New admission *		
No. of Discharges		

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

**II. General Health checkup camps:**

Month	No. of Camps	No. of Patients seen
April 2016	6	829
May 2016	2	697
June 2016	5	1337
July 2016	4	844
August 2016	2	191
September 2016	3	636
October 2016	1	214
November 2016	3	285
December 2016	4	1208

**III. Cataract Surgery camps:**

Month	No. of Camps	No. of patients. Screened	No. of Patients Operated
April 2016	6	208	93
May 2016	6	309	102
June 2016	6	282	95
July 2016	6	234	117
August 2016	6	286	85
September 2016	6	325	86
October 2016	6	327	76
November 2016	6	462	116
December 2016	6	385	88

**IV. Voluntary Blood Donation camps:**

Month	No. of Camps	No. of Donors
April 2016	1	10
May 2016	0	0
June 2016	1	50
July 2016	1	114
August 2016	1	19
September 2016	0	0
October 2016	1	30
November 2016	1	46
December 2016	1	0

#### V.MCH Clinics:

Month	No. of Clinics	No. of ANCs	No. of Children
April 2016	4	9	7
May 2016	4	25	12
June 2016	8	19	51
July 2016	3	17	39
August 2016	4	26	23
September 2016	4	21	0
October 2016	3	14	18
November 2016	4	21	16
December 2016	5	40	28

#### VI. Outreach Clinics:

Month	No. of Clinics	No. of Patients screened
April 2016	24	237
May 2016	22	295
June 2016	11	274
July 2016	20	261
August 2016	7	130

September 2016	30	1365
October 2016	35	1189
November 2016	30	1032
December 2016	31	1130

#### VII. Deliveries Conducted:

Month	No. of Vaginal Deliveries	No. of L.S.C.S	Total No. of Deliveries
April 2016	98	158	256
May 2016	95	127	222
June 2016	83	133	216
July 2016	85	130	215
August 2016	95	115	210
September 2016	94	105	179
October 2016	87	142	229
November 2016	76	133	209
December 2016	65	115	180

**Dr.Mohan Kumar.K**  
**Medical Superintendent**  
**RLJH & RC**



## DEPARTMENT OF ANATOMY

### VISION:

- To excel in providing quality medical education in Anatomy
- Conducting quality research
- To enable students to face global competition.

### INTRODUCTION:

The Department of Anatomy started in the year 1986. It provides the required education in human anatomy for medical students and paramedical students. It also provides necessary training facilities to the post graduate students of Surgery,

Ophthalmology, ENT and Pathology in Anatomy as relevant to their specialities. The Dept has infrastructure to cater to 200 MBBS students. It has a museum, with excellent display of exhibits on Embryology, Genetics, Gross Anatomy, Sectional Anatomy, Radiology and Clinical Anatomy which are updated from time to time. Dissection of the cadaver is complemented by displaying relevant videos. The department also organizes body donation programmes. There are total 6 Ph.D. scholars pursuing quality research in their area of interest.

### Thrust areas identified:

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

### Teaching Faculty – group photograph with names in the subscript



#### From L to R sitting:

Dr. Divya.C, Dr.Ashwini.N.S, Dr.Venkateshu.K.V, Dr.Sridevi.N.S, Mrs.Krishnaveni.C

#### From L to R standing:

Dr.Kumarswamy.R, Dr.Shashidhar.K, Dr.Vinay Kulkarni, Mr.Suresh.T, Dr. Shashikant.K

**Teaching Faculty Details**

<b>Name</b>	<b>Designation</b>
Dr.Venkateshu.K.V	Prof & HoD
Dr.Sridevi.N.S	Associate Professor
Dr.Ashwini.N.S	Assistant Professor
Dr.Shashikant .K	Assistant Professor
Dr.Shashidhar .K	Assistant Professor
Dr. Divya.C	Assistant Professor
Mrs.Krishnaveni.C	Lecturer
Dr.Kumarswamy.R	Jr.Lecturer
Mr.Suresh.T	Tutor
Dr.Vinay Kulkarni	Tutor

**Details of programmes conducted / attended**

<b>Date</b>	<b>CME Programmes</b>
3 <sup>rd</sup> Oct 2016	Recent Trends In Anatomy
9 <sup>th</sup> Mar 2017	Fetal Malformations

<b>Date</b>	<b>CME programmes Attended</b>	<b>Name of the faculty</b>
10 -11 Sep 2016	18 <sup>th</sup> Karnataka Chapter of Anatomists State Conference in JSS Medical College , Mysore	Dr Sridevi.NS Dr Ashwini.N.S Dr Shashikant K Dr Shashidhar.K Dr Divya.C
28 Nov – 02 Dec 2016	64th NATCON 2016 at AIIMS, Jodhpur	Mrs .Krishnaveni.C Dr.Shashikant .K

<b>Date</b>	<b>Papers presented : Oral presentation</b>	<b>Name of the faculty</b>
10 -11 Sep 2016	Robusticity and Platymeric Indices of Human femoral in Anatomy Museum at KCA Conference held in JSS Medical College, Mysore	Dr.Shashikant Kiragi
28 Nov – 02 Dec 2016	Cranio-Facial Anthropometric Measurements of Selected communities in Kolar Region at 64th NATCON 2016 in Jodhpur	Dr.Shashikant Kiragi

<b>Date</b>	<b>Papers presented : Poster presentation</b>	<b>Name of the faculty</b>
1 <sup>st</sup> Dec 2016	Factor V Leiden Mutation in Preeclampsia-A South Indian Territory care Hospital study at 64th NATCON 2016 in Jodhpur	Mrs.Krishnaveni.C

### Research projects (Completed):

<b>Title of the research project</b>	<b>Principal investigator &amp; Co Investigators</b>
Factor V leiden mutation in preeclampsia- A south Indian territory care hospital study	Mrs Krishnaveni.C, Dr Mitesh Shetty, Mr Praveen Kumar, Mr Jagadish TV, Dr Sharath.B
A comparative study on 1st MBBS students performance in Multiple Choice Questions and Conventional method	Mrs Krishnaveni.C Dr Divya .C Dr Shashikant, Dr Venkateshu K.V

### Research projects (On going):

<b>Title of the research project</b>	<b>Principal investigator &amp; Co Investigators</b>
Cranio-facial anthropometric measurements of selected communities in Kolar region	Dr.B G Ranganath Dr.Shashikant Karagi Mr.Suresh T Dr.Gangadhar
Comparison of conventional H&E staining with rapid staining method- A pilot study	Mrs Krishnaveni.C Dr Divya .C Dr Swaroop, Dr Venkateshu K.V
Preeclampsia - Fetal growth – A case –control Study	Mrs Krishnaveni.C Dr Sheela
Effectiveness of Thiel's solution in comparison to formalin solution	Dr.Ashwini.N.S Dr.Divya.C Dr.Venkateshu.K.V Dr.Shashidhar K
Study of orbital morphometry in dry skulls of south Indian origin	Dr.Divya.C Mr.Phani Kumar.G
Introducing of problem based learning in anatomy for first year MBBS students	Dr.Divya.C Dr.Ashwini.N.S Mrs. Krishnaveni.C Dr.Venkateshu.K.V

### Research projects (New):

<b>Title of the research project</b>	<b>Principal investigator &amp; Co Investigators</b>
Morphometric study of semitendinosus and gracilis muscles and their implications in ACL reconstruction surgery	Dr. Vinay Kulkarni Dr.Ashwini.N.S Dr.Venkateshu.K.V

**Ph.D. theses (2016-17 batch)**

<b>Name of the Student (Ph.D.)</b>	<b>Guide</b>	<b>Co-guide</b>	<b>Topic</b>
Mrs Krishnaveni. C	Prof. Raghuveer C.V	Dr Sheela Dr Kiranmayee Dr.Prabhavathi.K Dr.Venkateshu K.V	Serum biomarkers and fluoride estimation with histopathological placental changes in pre-eclampsia : A case – control study
Mr.Suresh.T	Prof. Raghuveer C.V	Dr.Venkateshu K.V Dr Kiranmayee Dr.Sumathi	Histomorphological changes and Glutamate levels in fluoride and arsenic induced injury to hippocampus and cerebral cortex in Wnsta rats and assessment of the amehiorating effects of Ginkgobiloba.
Dr. Vinay Kulkarni	Dr Venkateshu .V	Dr.Bhaskaran Dr.Suresh.T.N Dr.Raveesha.A Dr.Sridevi.N.S	Histological & chemical on adipose tissue fibrosis in type -2 diabetes mellitus who are undergoing elective abdominal surgery
Mr Krishna Kishore G	Dr VenkateshuK.V	Dr.Sridevi.N.S	Effect of long term exposure of mobile phone radio frequency electromagnetic radiation (MP RF-EMR) on cognitive function and hippocampal-morphology in albino mice

### Publications:

Title of the paper	Authors	Journal
Association of maternal angiotensinogen gene M235T polymorphism with preeclampsia in South India: A tertiary care hospital based case-control study	Krishnaveni Chengalvala, Pushpa Kotur, Mitesh Shetty, Praveen Kumar, Jagadish T.V. Nagarjuna Sivaraj, Sharath Balakrishna,	Metagene. 2017; 11:108–110.

### Publications (April 2016 to March 2017): Accepted for Publication

Title of the paper	Authors	Journal
Bilateral proximal radioulnar synostosis – A case report	Dr. Ashwini.N.S	IJCR.
Morphometric and morphological analysis of foramen oval in dry human skulls,	Dr. Ashwini.N.S	IJAR
Morphometric analysis of bicipital groove of upper end of humerus in south indian population	Dr. Ashwini.N.S	IJAR
Morphometric analysis of human adult kidneys A cadaveric study	Dr. Ashwini.N.S	IJAR

## 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 when posted for External postings in our Dept.

We have a well-established Under Graduate (UG) & Post Graduate (PG) lab, at Dept. level. Our UG lab has a capacity to accommodate 90 to 95 students at a stretch to

conduct UG practicals. Our PG and Research lab adjacent to UG Lab has well equipped modernized instruments with 24x7 power back up which can facilitate upto 8 researchers to continue their basic Research activities.

We have 24x7 Diagnostic laboratories at Central lab RLJH, which renders diagnostic service to the patients coming to RLJH for treatment. Lab is planned in such a way considering the lean process and sigma matrix. We have well equipped instruments such as 5.1 fs Vitros Dry Chemistry Analyzer the first of its kind in this region, BIORAD - D10 HPLC for HbA1C and also Electro Chemiluminescence for hormone assays. Routine Internal Quality Assessment and External Quality Assessment of parameters are procured from BIO-RAD and is quality confirmation is done as per NABL ISO 15189: 2012 standards.

### Thrust areas:

- Lipids, Biomarkers
- Oxidative Stress Parameters
- Reactive Oxygen Species
- Enzymology
- Fluorosis

### Ph. D. Scholars, Dept. of Biochemistry

Name of the Ph. D Scholar	Thrust area
Mr. Krishna Sumanth	Biomarkers, Hepato Biliary System- Cirrhosis.
Mrs. Ranjeeta Gadde	Oxidative stress index, Plasma Placental Protein, Vascular endothelial dysfunction in preeclampsia.

### Teaching Faculty



#### Teaching Faculty

**Sitting:** L to R - Mrs.

Munilakshmi.U, Dr. Mamatha Kunder, Dr. Sumathi. M.E, Dr. K.N. Shashidhar, Dr. Deena Mendez, Dr.Susanna.T.Y & Dr. Prabhavathi.K

**Standing:** L to R – Mr.Rajeev Gandham, Mr. Krishna Sumanth & Mrs. Ranjeeta Gadde.

### Teaching Faculty Details

Name of the faculties	Designation
Dr.K.N.Shashidhar	Professor & HoD
Dr. Sumathi.M.E	Associate Professor
Dr. Prabhavathi.K.	Assistant Professor
Dr. Susanna.T.Y	Assistant Professor
Dr. Deena C. Mendez	Assistant Professor
Dr. Mamatha Kunder	Lecturer
Mrs. Munilakshmi.U	Tutor

### Details of programmes conducted / attended:

Date	CME programmes Conducted	
30 Apr 2016	Conducted State level CME “Infertility: Recent Diagnostic Advances and Research Trends”	Community Medicine AV Hall, SDUMC, Kolar.
23 Jul 2016	Conducted a Guest Lecture “Is there Chronic Mountain Sickness: New concept in acid base regulation and adjustments” by Prof. Dr. Gustavo Zubieta- Calleja	Library AV hall, SDUMC, Kolar.

Date	Conferences Attended	Name of the faculty
13- 15 Dec 2016.	National ACBI Conference at Mangalore	Mrs. Mamatha Kunder

Date	Workshops Attended	Name of the faculty
11- 12 Apr 2016	Hands on training on neutrophil isolation and characterization at Life sciences department, Manipal University	Mrs. Mamatha Kunder

Date	Papers presented : Oral presentation	Name of the faculty
13-15 Dec 2016	Paper titled ‘Plasma elastase and its inhibitor levels as inflammatory mediators and markers in Diabetic Retinopathy and Diabetic Nephropathy’. National ACBI conference at Mangalore	Mrs. Mamatha Kunder

### Research projects (Completed):

Title of the research project	Principal Investigator
Dyslipidemia in Osteoarthritis. A Case control study	Dr. Prabhavathi.K
Oxidative stress parameters, Diabetes status in squamous cell carcinomas of Oral cavity: A Rural Hospital study	Dr.K.N.Shashidhar Mr. Harshith Gowda: (MBBS Student)

### Ongoing Research projects

<b>Title of the research project</b>	<b>Principal Investigator &amp; Co Investigators</b>
Gender specific utility of Lipid ratios and its Correlation with systemic Inflammation in Acute Myocardial infarction (AMI) patients with Type 2 Diabetes mellitus”	Dr. Susanna T.Y
Serum Total Bilirubin and oxidative stress status in diabetic retinopathy-A hospital based observational study	Dr.Prabhavathi.K
Biomarkers & Oxidative stress parameters in Type II Diabetes Mellitus and Acute Kidney injury	Mrs. Munilakshmi.U
A correlative study of advanced Biomarker: Kallistatin with conventional and oxidative markers in cirrhosis of liver	Mr. N.K Sumanth
Oxidative stress parameters, Diabetes Status in squamous cell carcinomas of Oral cavity: A Rural Hospital study	Mr. Harshith Gowda.K.B (MBBS Student)
Role of GGT in the diagnosis of metabolic syndrome in patients with hypothyroidism a case control study in a rural tertiary care teaching hospital	Dr. Sumathi ME
Effect of oxidative stress on conventional markers in alcoholic liver diseases	Krishna Sumanth
Serum lactate dehydrogenase and uric acids as biochemical markers in preeclampsia	Mrs. Mamatha Kunder

### Research projects (New):

<b>Title of the research project</b>	<b>Principal Investigator &amp; Co Investigator</b>
Study on evaluation of oxidative stress index, Plasma Placental Protein and Their implication on vascular endothelial dysfunction in preeclampsia	Mrs. Ranjeeta Gadde
Association of Serum Gamma Glutamyl Transferase with C reactive Protein levels and Lung Function Tests in Chronic Renal Failure	Dr. Sumathi ME Mrs. Smitha Menon (MBBS Student)
Role of Apoproteins, lactic Acid, Lipoproteins, Magnesium, Plasma Glucose, Glycosylated Hemoglobin in Oral Squamous Cell Carcinoma: A Case Control Study	Dr. K.N. Shashidhar Mr. Kanneboyina Vignesh (MBBS Student)
Usefulness of salivary sialic acid as a tumor marker in tobacco chewers with oral cancer	Dr. Susanna T.Y Miss Mehnaaz Sultana Azeem (MBBS Student)
Comparative study of Serum Zinc and Magnesium Levels among patients of Type 2 Diabetes Mellitus with and without Retinopathy - A Rural Hospital Study	Dr. Prabhavathi. Miss. Karen Mary John (MBBS Student)

### Ph.D. thesis (topics given during 2016-17 batch)

Name of the student	Guide	Co-guide (if any)	Topic
Mrs. Ranjeeta Gadde	Dr C.D Dayanand	Dr. S.R .Sheela	A study on evaluation of oxidative stress index, Plasma Placental Protein and Their implication on vascular endothelial dysfunction in a nested preeclampsia and controls

### Publications (April 2016 to March 2017):

Title of the paper	Authors	Journal	Departments
Correlation of blood uric acid with urinary albumin creatinine ratio in hypertension and diabetic nephropathy”	Mrs. Munilakshmi.U, K.N. Shashidhar, K. Prabhavathi, Madhavi Reddy, V. Lakshmaiah.	Apollo Medicine 2016; 13:24–30.	Biochemistry Medicine
Expediency of markers for early detection of acute kidney sequelae to type 2 diabetes mellitus”	Mrs Munilakshmi U, K.N. Shashidhar, Muninarayana. C, Madhavi Reddy, V. Lakshmaiah.	Asian Journal of Pharmaceutical and Clinical Research. 2016; 9(4).	Biochemistry Medicine
A correlation study of thyroid profile and mineral status in patients with hypothyroidism - A hospital based case control study”	Susanna.T.Y Sagayaraj.A, Shashidhar K.N, Gomathi.M, Mahesh.V	Asian Journal of Pharmaceutical and Clinical Research. 2016; 9(3)	Biochemistry ENT MBBS Student
Biochemical evaluation of Serum lipid profile and serum Uric Acid in Pre-eclampsia- A case control study	Ms. Monica.N Mrs.Mamatha Kunder Dr.Shashidhar.K.N. Dr.Gayathri Devi	IOSR Journal of Pharmacy. 2016:6: (10).	MBBS Student Biochemistry OBG
Correlation of plasma neutrophil elastase activity and endogenous proteinase inhibitor levels with the severity of preëclampsia	Mamatha Kunder, A.V. Moideen Kutty, V .Lakshmaiah, S.R Sheela	Journal of clinical and diagnostic research: 2017; 11(3)	Biochemistry OBG
Phospholipase A <sub>2</sub> , plasma elastase activity in pre- and post-partum of pre-eclamptic women	Vanishree B, CD Dayanand, SR Sheela	Asian Journal of Pharmaceutical and clinical research. 2017; 10(1):317-20.	Biochemistry Obstetrics & Gynaecology

Evaluation of xanthine oxidase inhibitory activity by flavonoids from pongamia pinnata linn	Vanishree B, CD Dayanand, SR Sheela	Asian Journal of Pharmaceutical and Clinical research. 2017; 10(3):1-3.	Biochemistry Obstetrics & Gynecology
Correlation of plasma neutrophil elastase activity and endogenous proteinase inhibitor levels with the severity of preëclampsia	Mamatha Kunder A.V. Moideen Kutty V. Lakshmaiah S.R Sheela	Journal of Clinical and Diagnostic research. 2017; 11(3): 09- 12.	Biochemistry Medicine Obstetrics & Gynaecology
Plasma neutrophil elastase, Alpha1-Antitrypsin, Alpha2-macroglobulin and neutrophil elastase Alpha-1 antitrypsin complex levels in patents with Dengue fever	Mamatha Kunder V.Lakshmaiah Dr.A.V.M Kutty	Indian journal of clinical Biochemistry DOI 10.1007-5 12291-017-0658-1	Biochemistry Medicine
Biomedical Significance of Alpha-1 antitrypsin: an overview	Mamatha Kunder Dr.A.V.M Kutty	J.Clin.BioMed.Sci:2016;6(3):76-83	Biochemistry

### Achievements / honors / awards / fellowships during the year:

#### Ph.D. Awards



Mrs.Deena Mendez and Mrs.Vanishree receiving Ph.D.Degree from Prof. (Dr) S. Kumar Hon'ble Chancellor and Prof.C.V.Raghuveer, Hon'ble Vice Chancellor at Convocation held on 24-03-2017.

## 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 department of Physiology was started in 1986. The department was upgraded as a Postgraduate department in 2003 & recognized for Phd studies in 2013. The department imparts the knowledge of Physiology to students of Medicine,

#### Teaching Faculty



Nursing, Bacheloer of physiotherapy and Allied health sciences. A MoU was entered with SVYASA to incorporate YOGA in undergraduate curriculum and another MoU in 2016 Between **National institute of miners' health, Marikuppam, Kolar gold fields** ,represented by its Director, NIMH, Nagpur to promote research.

#### Thrust areas identified (in bullets):

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

**Standing (L-R):** Mr. Suresh, Dr.Jagadamba.A, Dr. Karthiyanee Kutty.T, Dr Vineetha Vittal, Mrs.Usha G Shenoy, Dr.D.V.L.N Prasad, Dr. Vinutha Shankar.M.S, Dr Geetha S Dr.Shobha.M.V

#### Teaching Faculty Details as below

Name	Designation
Dr. Vinutha Shankar.M.S	Professor & HoD
Dr. Karthiyanee Kutty.T	Professor
Dr.D.V.L.N Prasad	Professor
Dr.Jagadamba.A	Assistant Professor
Dr.Geetha.S	Assistant Professor
Dr.Shobha.M.V	Assistant Professor
Dr.Vineetha Vittal	Lecturer
Mrs.Usha G Shenoy	Lecturer
Mr Suresh	Tutor

#### Details of programmes conducted / attended as below

CME programmes Conducted
Air Quality: Measures & Respiratory Health Effects''. conducted on 27-08-2016

<b>CME programmes attended</b>	<b>Name of the faculty</b>
Vak Shravan 2017, Physiology of speech and hearing.JSS Medical college, Mysuru	Dr.Geetha S, Ms. Usha G Shenoy, Mr Suresh Konakanchi

<b>Conferences Conducted</b>	<b>Organizing Chairperson</b>
Demedcon 2016, '3 <sup>rd</sup> National Level UG Research Conference' –	Dr Vinutha Shankar

<b>Conferences Attended</b>	<b>Name of the faculty</b>
ENVOCCON-2016	Dr Jagadamba A/Dr Shobha MV/Mrs Usha G Shenoy
MEDUCON 2016 organized by NTTC, JIPMER	Dr.Vinutha shankar
CHETPHYSI-EXCON 2017, A conference on exercise physiology.	Dr Geetha S
ERICON 2017 at School for Health Professions Education and Research, Nagpur	Dr Vinutha Shankar

<b>Workshops Attended</b>	<b>Name of the faculty</b>
Last mile connectivity for indigenous medical devices developed under DST-Hands on workshop on available technologies at AIIMS, New Delhi	Dr Jagadamba A

<b>Papers presented : oral presentation</b>	<b>Name of the faculty</b>
'Influence of Central Obesity Assessed by Conicity Index on Lung Age in Young Adults. ENVOCCON-2016	Mrs Usha Shenoy
Pulmonary functions tests in the residents of gold mining town and their association with chronic exposure to mining dust. State level CME in Department of physiology at SDUMC,Kolar	Mrs Usha Shenoy

<b>Papers presented : poster presentation</b>	<b>Name of the faculty</b>
Research in Undergraduate medical education: Role of Research methodology workshops. MEDUCON organized by NTTC, JIPMER	Dr Vinutha Shankar

Organizing workshop for undergraduate to facilitate development of competencies expected of the Indian Medical graduate. ERICON 2017 at Nagpur

Dr Vinutha Shankar

### Research projects (Completed):

<b>Title of the research project</b>	<b>Principal Investigator &amp; Co Investigator</b>
Influence of smart phone addiction on depression and aggression in Medical students.	Dr.Shobha.M.V Physiology
Influence of central obesity assessed by conicity index on lung age in young adults.	Mrs.Usha.G.Shenoy Physiology
Effect of smart phone addiction on motor efficiency in upper limb assessed by bimanual coordination in young adults	Dr Jagadamba A, Dr Shobha MV, Ms Harshitha
Effect of day time sleepiness on critical fusion frequency in Medical Students.	Miss. Gayathri, UG Student,Dr.Shobha.M.V Physiology
A study of Heart Rate Variability in Obstructive sleep Apnea Syndrome.-A pilot study	Mr.Sriram UG student Dr.VinuthaShankar.M.S Physiology
Effect of learning modalities on visuo motor performance and mental flexibility in professional students	Mrs Usha Shenof,Dr Jagadamba A,Ms Rohsni Shivram,Mrs Sunkara sri laxmi Priya
Integrating ethics into the physiology curriculum: A multi centric study in south India	Dr Geetha S,Dr Vineeta Vittal

### Research projects (On going):

<b>Title of the research project</b>	<b>Principal Investigator &amp; Co Investigator</b>
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
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
Influence of Internet addiction on critical fusion frequency	Mr.Yashwanth, UG student. Dr.Jagadamba.A,Physiology
Effect of Basal metabolic rate on pulmonary function in obese adults	Miss.Sowmini UG student, Mrs.Usha.G.Shenoy Physiology
Association of serum iron indices with insulin resistance index in euglycemic offsprings of diabetes and non-diabetics	Dr Shobha , Dr Jagadamba A, Dr Karthiyanee kutty, Dr Prabhakar, Dr Shashidhar

### Research projects (New):

Title of the research project	Principal Investigator
Heart Rate Variability (HRV); A simple screening tool to assess autonomic tone in high risk diabetic young adults.	Dr Shobha M.V
Study of duration of exposure and pulmonary functions in plastic factory workers.	Dr Shobha M.V

### Publications (April 2016 to March 2017):

Title of the paper	Authors	Journal
To Study the Effect of Excessive Daytime Sleepiness on Critical Fusion Frequency in Medical Students	Ms Gayathiri, Dr Shobha MV , Dr Jagadamba A	IOSR Journal of Dental and Medical Sciences IOSR-JDMS
Influence of Central Obesity Assessed by Conicity Index on Lung Age in Young Adults	Usha Shenoy, Jagadamba	Journal of clinical diagnostic and research
Critical Fusion Frequency A Simple Non-Invasive Tool to Measure Fatigue in Granite Factory Workers	Nivetha C , Jagadamba A , Usha G Shenoy	IOSR Journal of Dental and Medical Sciences (IOSR-JDMS)
A comparative study to assess the behavioral changes between the sleep deprivation and noise stress induced.	Mr Suresh K	Global journal of Research Analysis Jan -2017
Indian Diabetic Risk Score (IDRS): A novel tool to assess the risk of Type 2 Diabetes Mellitus	Dr Shobha MV, Dr Deepali A	Indian Journal of Basic and Applied Medical Research; September 2016: Vol.-5, Issue- 4, P. 106-110
Duration of Swimming Practice Among Elite Swimmers Exerts Differential Effect on Large and Small Airway Function	A Deepali, P.N. Ravindra, M.V. Shobha, Pralay Mujumdar, M. Mandal	Indian Journal of physiology and pharmacology
A short term integrated yoga practice improves quality of life.	Ashwini Priyanka, Karthiyanee Kutty, Vinutha Shankar M.S	Journal of Evolution of research in human physiology
Effect of stress and anxiety on First year medical students	Sumitra Sudharkodhy, Karthiyanee Kutty, Vinutha Shankar M. S., Patil N. J., Balan	World Journal of Pharmacy and Pharmaceuticals

## DEPARTMENT OF PATHOLOGY

### VISION:

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

### INTRODUCTION:

Department 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 department 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:

Department 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.



UG Students Miss Kavya I and Miss Manasa from 3<sup>rd</sup> term won the State Annual UG Pathology Quiz conducted by JSS Medical College, Mysore on 5<sup>th</sup> November 2016



Inauguration and Lamp Lighting at Pathology CME conducted on 04<sup>th</sup> March 2017

### Thrust areas identified (in bullets):

- **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: Teaching Faculty Details as below

Name	Designation
Dr.CSBR.Prasad	Professor and HoD
Dr.M.L.Harendra Kumar	Principal and Dean, Faculty of Medicine and Professor
Dr Kalyani R	Professor
Dr.T.N.Suresh	Professor
Dr.Subhashish Das	Professor
Dr.Manjula.K	Associate Professor
Dr.Hemalatha.A	Associate Professor
Dr Sushma S	Assistant Professor
Dr.Swaroop.Raj.B.V	Assistant Professor
Dr Supreetha M S	Assistant Professor

Name	Designation
Dr Shilpa M D	Assistant Professor
Dr Ankita Baghel	PG/Tutor
Dr Nishit S	PG/Tutor
Dr Karthik K Reddy	PG/Tutor
Dr Shubhra Ramchandani	PG/Tutor
Dr.Argha Baruah	PG/Tutor
Dr.Pandey Swati	PG/Tutor
Dr.Rajini.T	PG/Tutor
Dr.Sulagna	PG/Tutor
Dr.Shah Manan Bharatkumar	PG/Tutor
Dr.Mehdi Hajra Khursheed	PG/Tutor
Dr.Pradeep Mitra.V	PG/Tutor
Dr.Chenna Chandana Reddy	PG/Tutor



## Details of programmes conducted / attended as below

Date	CME programmes conducted	Faculty involved
4 Mar 2017	Multi disciplinary approach to head and neck cancers	All Faculty
Date	CME programmes attended	Name of the faculty
10 Aug 2017	Sapthagiri Institute and Research Centre	Dr CSBR Prasad
16 Aug 2016	BR Ambedkar Medical College	Dr CSBR Prasad Dr Manan Dr Hajra Mehdi DR Pradeep Mitra
20 Aug 2016	Hematology Focus Group meet at ITC Bangalore	Dr Swaroop Raj B V
4 Feb 2017	5 <sup>th</sup> Annual Pathology Specialty CME on Uropathology at CMC Vellore	Dr Manjula K
4 Jul 2016	Quality awareness	Dr Hemalatha A

25 - 28 April 2016	Internal Auditor and QMS certificate Course (15189 – 2012)	Dr CSBR Prasad Dr ML Harendra Kumar Dr TN Suresh, Dr Kalyani R, Dr S Das, Dr Manjula K Dr Hemalatha, Dr Shilpa MD
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Date	Conferences Attended	Name of the faculty
11 Nov 2016	2 <sup>nd</sup> National Conference of Academy of Pathologists At MVJ Medical College	Dr TN Suresh Dr Kalyani R Dr Shilpa MD
1-4 Dec 2016	65 <sup>th</sup> Conference of IAPM and IAP-ID – APCON at SMS Medical College Jaipur	Dr Manjula Dr Supreetha MS
22 - 25 Aug 2016	International Conference in Surgical Pathology at Sri Balaji Medical College, Chennai	Dr Swaroop raj B V Dr Argha Dr Swati Dr Sulagna
25 - 27 Aug 2016	Annual KCIAPM Conference at Dharwad – KAPICON 2016	Dr Kalyani R
1- 3 Feb 2017	International CME on Histopathology at Goa	Dr Shilpa MD Dr Sulagna Manna

Date	Guest Lectures Conducted
22 Feb 2017	Two guest lectures on 22 <sup>nd</sup> Feb, 2017. Dr. Annapoorna Ramesh from Fortis Hospital, Bengaluru delivered a lecture on “Adverse transfusion reactions and its management” and Dr. Ambuja. K., delivered a lecture on “Quality control in blood bank”.

Date	Workshops Attended	Name of the faculty
27- 30 Jun 2016	4 days workshop revised MET and ATCOM at St Johns Medical College	Dr TN Suresh
18 – 19 Dec 2016	2 days workshop at Guntur Andhra Pradesh	Dr TN Suresh
13 <sup>th</sup> Oct 2016	Workshop on Liquid based exfoliative cytology at MVJ Medical College	Dr CSBR Prasad Dr Kalyani R Dr Hemalatha A Dr Swaroop raj B V
22 <sup>nd</sup> & 24 <sup>th</sup> July 2016	Workshop on fluid and breast cytology at AIMS, Mandya	Dr Shilpa MD
28 <sup>th</sup> & 30 <sup>th</sup> Nov 2016	Revised Basic Course workshop in MET	Dr Hemalatha A
25 <sup>th</sup> March 2017	Writing a scientific article for publication	Dr Hemalatha A

<b>Date</b>	<b>Papers presented : oral presentation Title &amp; Conference</b>	<b>Name of the faculty</b>
25 <sup>th</sup> 27 <sup>th</sup> Aug 2016	Topic – FNAC of salivary gland tumours at Annual KCIAPM Conference at Dharwad – KAPICON 2016	Dr Rajini T
11 <sup>th</sup> Nov 2016	Topic – Leishman Giemasa Cocktail- Is it an effective stain for air dried smears at 2 <sup>nd</sup> National Conference of Academy of Pathologists At MVJ Medical College	Dr Shilpa MD
22 <sup>nd</sup> & 25 <sup>th</sup> Aug 2016	Topic – Detection of Micromets in oral squamous cell carcinoma at International Conference in Surgical Pathology at Sri Balaji Medical College, Chennai	Dr Argha Baruah
22 <sup>nd</sup> & 25 <sup>th</sup> Aug 2016	Topic – Apoptosis in trophoblasts in pre eclampsia and IUGR at International Conference in Surgical Pathology at Sri Balaji Medical College, Chennai	Dr Swati Pandey

<b>Date</b>	<b>Papers presented : poster presentation</b>	<b>Name of the faculty</b>
25 -27 Aug 2016	Significance of adenomyosis in hysterectomy specimens – 2 year study	Dr Shilpa MD
25 - 27 Aug 2016	Hemangioma of cervix – a rare case report	Dr Manan Shah
25- 27 Aug 2016	Cytological diagnosis of ameoloblastoma - a case report	Dr Pradeep Mitra
25 - 27 Aug 2016	Epidermoid cyst of breast – common lesion at uncommon site	Dr Chandana
1- 3 Feb 2017	Topic - International Conference in Surgical Pathology at Sri Balaji Medical College, Chennai	Dr Sulagna Manna
	Topic - International CME on Histopathology at Goa	Dr Sulagna MAnna

**Research projects (Completed):**

<b>Title of the research project</b>	<b>Principal Investigator &amp; Co Investigator</b>
Changes in hematological parameters in the new borns in pre eclamsia – a case control in rural hospital	Miss Kalakuru Mouna

**Research projects (On going):**

<b>Title of the research project</b>	<b>Principal Investigator &amp; Co Investigator</b>
A study of rapid leishman stain on blood smear	Mr Prem E Dr Hemalatha A
Salivary gland tumors – features not to be missed on cytology – five cases	Dr Supreetha MS

**Research projects:**

<b>Title of the research project</b>	<b>Principal Investigator &amp; Co Investigator</b>
Correlation FNAC breast lesion and histopathology with emphasis on code 3,4 categories	Dr Hemalatha A Dr CSBR Prasad
Clinicoetiological profile of neonates with thrombocytopenia admitted at NICU in rural hospital	Miss Chaithanya Dr Shilpa MD
Study of various nuclear features of papillary carcinoma	Dr Manjula K
Cytomorphometric analysis of exfoliative buccal smears in oral SCC and Chronic tobacco chewers	Mr Sriram Dr TN Suresh

**MD/MS Dissertations / Ph.D. thesis (topics given during 2016-17 batch)**

<b>Name of the student</b>	<b>Guide</b>	<b>Co-guide (if any)</b>	<b>Topic</b>
Dr.Medhi Hajra Khursheed	Dr.Kalyani.R	Dr Sheela	Association of p16, CD44 and Ki 67 markers in CIN and Cervical Carcinoma
Dr.Shah Manan Bharat Kumar	Dr.CSBR.Prasad	Dr Sumathi ME	Association of Serum Vit D3 levels in Autoimmune thyroiditis
Dr.Pradeep Mitra.V	Dr.Manjula.K	Dr Bhaskaran A	Association of histopathological parameters and lymphnode metastasis in primary breast cancer
Dr.Chenna Chandana Reddy	Dr.M.L.Harendra Kumar	Dr Bhaskaran A	A study of tumor associated macrophages and its subpopulation M1 and M2 by IHC in Colorectal Cancers

**Publications (April 2016 to March 2017):**

<b>Title of the paper</b>	<b>Authors</b>	<b>Journal</b>
Impact of the Bethesda System in Reporting Thyroid Cytopathology	S. Prathima, T. N. Suresh M. L. Harendra Kumar, A. Bhaskaran	Thyroid Research and Practice January-April 2016 Vol 13 Issue 1
Study of mast cells in prostate lesions: Adenocarcinoma compared with hyperplasia	Vittal Rakshith, Malligere Linghiah Harendra Kumar	Clinical Cancer Investigation Journal   March-April-2016   Vol 5   Issue 2
Evolution Of Pap Stain	Kalyani Raju	Biomedical Research And Therapy 2016;3(2):490-500
Intracystic Papillary Carcinoma In The Male Breast: A Diagnostic Challenge	Raja V Prasad CSBR; Murthy P	Clinical Cancer Investigation JOURNAL2016;5(4):345-348
Leiomyoma Of Tunica Albuginea: A Case Report With Review Of Literature	Rakshith, V; Vidyavathi, K	Clinical Cancer Investigation Journal 2016;5(1):37-39
Red Cell Distribution Width As A Marker Of Preeclampsia Severity	Reddy SG Kumar H Nagaraj G Kottur, PP	Journal of Evolution of Medical and Dental Sciences2016;5(48):3204-3207
An Insight On Pediatric Peripheral Lymphadenopathy: Atwo Year Cytological Study In A Tertiary Care Hospital	G Shilpa, C Prasad	Pediatric Review: International Journal of Pediatric Research 2016;3(6)
Clinicopathological Study Of Rare Invasive Epithelial Tumors Of Breast: An Institutional Study	K Kasireddy K Manjula C Prasad	BLDE University Journal of Health Sciences 2016;1(2):125-127
Donors Hemovigilance: An Institutional Study	S Das Dr. Chaitra	International Journal of Scientific Research 2016;5(6):203-205`
Histomorphological Characteristics Of Colorectal Carcinoma In The Young And Elderly: Is There A Difference?	SM Naganna, K Vidyavathi, HML Kumar, Bhaskaran A	Indian Journal of Pathology and Oncology 2016;3(2): 293-296
Pitfalls In Fine Needle Aspiration Cytology Diagnosis Of Hyalinizing Trabecular Tumour	K Raju S Sinha	Biomedical Research And Therapy 2016;
An Unusual Case Of Appendiceal Carcinoid Tumor In A Child-Case Report	Sushma S Prasad C.S.B.R., Kumar K.M.	Indian Journal of Surgical Oncology 2016(1):95-97
Sirenomelia –Apus: A case report and review of literature	Kalyani R	National Journal of Laboratory Medicine 2016; 5(3): PC01-PC03

Porocarcinoma presenting as soft tissue swelling on the back: A case report	Manjula K Geethanjali N Harendra KML CSBR Prasad	Journal App. Med. Sci., June 2016; 4(6D) : 2 10 8 – 2 1 10
Leishman-Giemsa Cocktail - Is it an Effective Stain for Air Dried Cytology Smears	Shilpa MD Hemalatha A CSBR Prasad	Journal of Clinical and Diagnostic Research
Epidermoid Cyst of Breast – A Common Benign Lesion, in an Uncommon Site	Chandana Reddy, Shilpa M D, P N Sreeramulu, CSBR Prasad	International Journal of Health Sciences

### Achievements / honors / awards / fellowships if any during the year

#### a. Faculty

- a. Dr ML Harendra Kumar, Principal and Professor Pathology was awarded “Best Educationist Award” by International Institute of Education and Management, New Delhi on 21<sup>st</sup> December 2016.
- b. Dr ML Harendra Kumar, Principal and Professor Pathology was awarded “Rashtriya Vidya Gaurav Gold Medal Award” by Indian Solidarity Council, New Delhi on 21<sup>st</sup> December 2016.
- c. Dr Kalyani, Professor was awarded Certificate of Excellence “Young

Scientist” by EET – CRS, Noida on 12<sup>th</sup> June 2016.

- d. Dr Kalyani, Professor was awarded Certificate of Excellence “Special – Faculty” by EET – CRS, Noida on 12<sup>th</sup> June 2016
- e. Dr. Shilpa.MD Assistant professor was awarded 1<sup>st</sup> Prize for oral presentation at MVJ Medical College, 2<sup>nd</sup> National congress of academy of pathology conference on 11<sup>th</sup> Nov 2016.

#### b. Postgraduates / Undergraduates

- a. UG Students Miss Kavya I and Miss Manasa from 3<sup>rd</sup> term won the State Annual UG Pathology Quiz conducted by JSS Medical College, Mysore on 5<sup>th</sup> November 2016

## DEPARTMENT OF PHARMACOLOGY

### VISION:

“Excellence in teaching & training of pharmacological concepts and its application in clinical medicine and research”.

### INTRODUCTION:

The Department was established in 1988 with all facilities as per MCI requirement under the guidance of Dr. Nanjappa S, a senior Professor and Dr. Babu S Nema, HoD. In Jan

2003, MD Pharmacology course was started with the approval of MCI. The Department is active in the field of pharmacovigilance and research. Our Department was recognized as Peripheral Pharmacovigilance Center from 2005. From July 2015 it is recognised as Adverse Drug Reaction Monitoring Centre under Pharmacovigilance Programme of India by Indian Pharmacopoeia Commission, National Coordinating Center, Ghaziabad.

The central animal house is registered under Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA), New Delhi.

**Thrust areas:**

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

**Teaching Faculty:**



**Sitting L to R-** Dr. Smitha Rai, Dr. Asha B, Dr. Sarala.N, Dr. Bhuvana K, Dr. Muninarayana. S  
**Standing:** Dr. Sahana H.V, Dr. Mohammed Yaseen, Dr. Sowmya C

Name	Designation
Dr Sarala N	Professor and HoD
Dr Bhuvana K	Professor
Dr Asha B	Assoc. Professor
Dr Smitha Rai	Asst. Professor
Dr Harish S	Asst. Professor
Dr. Muninarayana. S	Veterinary Doctor
Dr. Sahana H.V	Postgraduate / Tutor
Dr. Mohammed Yaseen	Postgraduate / Tutor
Dr. Sowmya C	Postgraduate / Tutor

Dates	CME programme Conducted
06 Aug 2016	CME on “ <b>Pharmacogenomics -Past, Present and Future</b> ”

Dates	Conferences Attended:	Name of the faculty
8–9 Oct 2016	IPS National Conference on “Basic and Clinical Pharmacology – Bridging Academia with Industry” at Narayana Medical College, Nellore Andhra Pradesh	Dr. Asha B
23–25 Nov 2016	World Congress of Gerontology and Geriatrics 4th International conference “Healthy ageing in the changing world 2016” organizing by J.N. Tata Auditorium, Indian Institute of Science, Bengaluru,	Dr. Jayakumar JK

Dates	Workshops Attended	Name of the faculty
16-22 Feb 2017	76 <sup>th</sup> National Course on Education Science for Teachers of Health Professionals held at JIMPER, Puducherry	Dr. Asha B

Date	Papers presented: Oral presentation	Name of the faculty
24 Apr 2016	“Perception of Pharmacists Regarding Over the Counter Medication: A Survey” at DeMedCon 2016 organized by SDUAHER	Dr Asha B Miss Abinaya Ravichandran

### Research projects (Completed)

Title of the research project	Principal Investigator & Co Investigator
Comparative study of efficacy and safety of intramuscular Aceclofenac and Diclofenac in management of postoperative pain in patients	Ganashree P
Comparative study of Vitamin E and Omega 3 fatty acids in type 2 Diabetes mellitus	Ashwitha Shruti Dass
Study of immune response after hepatitis B vaccination among medical students and health care workers	Sahana HV
Adherence to antiepileptic therapy in adults	Sowmya C
Doctor’s perception on integrated medicine: A survey	Asha B
Treatment of acute ischemic stroke with <u>recombinant tissue plasminogen activator</u> : Practice pattern among neurologists and physicians	Yaseen M
Perception of Medical Interns towards the skills acquired	Meenakshi Lella
A study of pattern of self-medication among students for dysmenorrhea	Suman Anand
Breaking bad news an experience among health Professionals	Megha Mohan
Effect of VKORC1 polymorphism on warfarin dose requirement among patients in tertiary care hospital	Sahana H.V
Comparative study of efficacy and safety of piroxicam and naproxen in the management of pain in osteoarthritis of knee	Mohammed Yaseen

A comparative study of efficacy and safety of flupiritine versus piroxicam in postoperative pain in patients undergoing lower limb surgery	Sowmya C
Perception of Pharmacists Regarding Over the Counter Medication: A Survey	Abinaya Ravichandran

### Research projects (On going):

Title of the research project	Principal Investigator & Co Investigator
A study of life style modification with and without metformin in prediabetic subjects	Asha B
Comparative study of attenuation of the pain due to Propofol intravenous injection by pretreatment with Ondansetron and lignocaine: an open label randomized study”	Bhuvana K
Myths and misconceptions about epilepsy among the general population of Kolar district	Silar Khan Mayana
Drug utilization study in geriatric patients of Kolar	Manasa Veena
Quality of life in elderly population of Kolar	Chinmayee R
Perception and attitude of students regarding part completion test (PCT)	Bhuvana K
Prescription pattern during pregnancy in the tertiary care hospital of Kolar, India: A cross sectional study	Asha B
Knowledge, attitude, practice and barriers towards research among medical students: A cross sectional questionnaire based survey	Srivani Pallamparthi
Knowledge, attitude and experience of health care workers towards treatment of tuberculosis (Sarala N)	Raghavi KR
Assessment of knowledge, attitude and practice patterns of mothers regarding gripe water use in infants	Tandu Bonie
Perception and attitude of health care professional about mentally ill patient	Saad Khan

### Research projects (New)

Title of the research project	Principal Investigator & Co Investigator
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Effect of preoperative melatonin on anxiety and pain in patients undergoing phacoemulsification cataract surgery	Sarala N
Influence of CYP2C9 gene polymorphisms on the analgesic effect of piroxicam in patients with osteoarthritis of knee	Bhuvana K

### Publications (April 2016 to March 2017):

Title of the paper	Authors	Journal
Analysis of Package Inserts of Drugs Utilized in a Tertiary Care Hospital	Ashwitha Shruti Dass Narayana S Krishnaswamy B	J Young Pharm, 2016; 8(3): 275-8
Drug reaction with eosinophilia and systemic symptoms for phenytoin	Chinnaiyan S Krishnaswamy B Narayana S Srinivas RT	Natl J Physiol Pharm Pharmacol 2016;6:634-6
Critical review of drug promotional literature using WHO guidelines	Ganashree P Bhuvana K Sarala N	J Res Pharm Pract 2016; 5:162-5.
A case report of phenytoin and carbamazepine Cross reactivity	Bhuvana K Sarala N Venkatarathnamma PN Kumar TN	Asian Journal of Pharmaceutical and clinical research 2016;9:7-8
Comparison of Efficacy and Safety of Intramuscular Piroxicam and Tramadol for Post-operative Pain in Patients Undergoing Caesarean Delivery	Tejashree T Bhuvana K Girish MB Narayanaswamy M	J Clin Diagn Res 2016;10: FC01-F04
Randomized, double-blind, comparative study of oral metronidazole and tinidazole in treatment of bacterial vaginosis	Raja IM Basavareddy A Mukherjee D Meher BR	Indian J Pharmacol 2016;48:654-8.
Perception of pharmacists regarding over-the-counter medication: A survey.	Ravichandran A Basavareddy A	Indian J Pharmacol 2016;48:729-32
Treatment of acute ischemic stroke with recombinant tissue plasminogen activator: practice pattern among neurologists and physicians.	Mohammed Y Sarala N Asha B Bhuvana K.	Int J Basic Clin Pharmacol 2017;6:180-3.
Comparison of efficacy of calcipotriol and betamethasone combination with betamethasone alone in plaque psoriasis.	Sardar H Narayana S Vijayarangam S	Natl J Physiol Pharm Pharmacol 2017;7:99-102.

### Publications (April 2016 to March 2017):

Title of the paper	Authors	Journal
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
Doctor's perception on integrated medicine: A survey.	Basavareddy A Lella M Narayana S	J Basic Clin Pharma
Adherence to antiepileptic therapy in adults.	Chinnaiyan S Narayana S Nanjappa VP	J Neurosci Rural Pract

### Achievements / honors / awards / fellowships if any during the year



Inauguration of CME on "Pharmacogenomics -Past, Present and Future" on 06-08-2016



Group photo of CME on "Pharmacogenomics -Past, Present and Future" on 06-08-2016



Dr.C.Muninarayana and Dr Asha were judges for oral presentation in 3rd National Undergraduate Medical Conference, SDUMC on 20-04-2016



Dr Sarala N was judge for final oral presentation in 3rd National Undergraduate Medical Conference, SDUMC on 20-04-2016



Dr Asha chaired a session in IPS National Conference on Basic and Clinical Pharmacology at Narayana Medical College, Nellore Andhra Pradesh on 08-10-2016



Dr Asha attended 76<sup>th</sup> National Course on Education Science for Teachers of Health Professionals held at JIMPER, Puducherry from 16-02-2017 to 22-02-2017

## DEPARTMENT OF MICROBIOLOGY

### VISION:

Service training and research to mitigate suffering from microbial infections.

### INTRODUCTION:

The Department 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 department also offers training to students pursuing BSc MLT, OT Technology, and Nursing, Physiotherapy and MSc MLT and 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. We regularly participate in External Quality Assessment Scheme (EQAS) offered by Indian Association of

Medical Microbiologists & our lab is among the top 8 laboratories in India .We take an active part in the surveillance of Health-care Associated Infection Control Programme. We have brought out a manual on infection control practices and Antibiotic Policy for in house use. As a part of community service, the department investigates outbreaks of Gastroenteritis, Dengue, Leptospirosis in Kolar and the surrounding areas.

The department 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



Left to right: seated Dr Arvind Natarajan, Dr PM Beena, Dr SR Prasad, Dr Parimala S, standing: Dr Anitha D, Dr Savitha N, Dr Mamata Kale.

### Teaching Faculty:

Name	Designation
Dr. P.M. Beena	Professor and Head
Dr. S.R. Prasad	Professor and Director of PG studies
Dr. Arvind Natarajan	Associate Professor
Dr. Parimala S	Associate Professor
Dr. Mamata Kale	Assistant Professor
Dr. Savitha N	Assistant Professor
Dr. Anitha D	Assistant Professor

Date	CME programmes attended	Name of the faculty
22/10/2016	CME on Immunofluorescence in Diagnosis of Autoimmune Diseases organized by PSG IMS and R, Coimbatore	Dr Parimala.S Dr Anitha.D
22/10/16	State level CME on “ Infection Prevention in ICU and 3 <sup>rd</sup> Quarterly meet of IAMM –KC organized by MS Ramaiah Medical College, Bangalore	Dr. PM. Beena Dr. Mamatha Kale Dr Anitha. D
26/3/17	CME on “ Antimicrobial stewardship programme -2017 organized by Dept of critical care Medicine, Care hospital, Nampally, Hyderabad	Dr. Mamatha Kale Dr Savitha .N

Date	Conferences Attended	Name of the faculty
29 Sep 16 to 01 Oct 2016	“Fourth National Certificate course on Hospital Infection Prevention and Control” Conducted by IFCAI and CARE Hospitals, Hyderabad	Dr.Anitha.D
25-27 Nov 2016	40 <sup>TH</sup> National conference of Indian association of Medical Microbiologists.orgnized by PGIMER, Chandigarh.	Dr .Prasad.S.R.

Date	Workshops Conducted	Name of the faculty
22 Aug 2016	Training in Laboratory Safety Procedures	Dr Parimala.S Dr. Mamatha Kale Dr Arvind N Dr Anitha. D Dr Savitha
14-22 Jun 2016	Training on Hospital acquired infections For Nurses, Interns, Post graduate students and Consultants	Dr.Beena .P.M Dr. Savitha.N Dr.Anitha.D
05 – 06 Aug 2016	Training on Hospital acquired infections For Housekeeping staff	Dr.Anitha.D
16 – 17 Jan 2017	Workshop on Hospital acquired infections: Prevention and control practices for Link Doctors and Link Nurses in collaboration with BD staff	Dr.Anitha.D Dr. Savitha.N
5 <sup>th</sup> Mar 2017	Workshop on Hospital acquired infections: Prevention and control practices in skill lab for Interns	Dr.Anitha.D Dr. Savitha.N
16-17 Mar 2017	Induction training and Workshop on Hospital acquired infections: Prevention and control practices in skill lab for New batch of Interns	Dr.Anitha.D Dr. Savitha.N

Date	Workshops Attended	Name of the faculty
15/10/2016	Workshop on “Preventing Nosocomial infections” – “IGNITE 2016” conducted by Narayana Health city, Bangalore	Dr.Anitha. D
10/1/2017- 11/1/17	Regional Training of Trainers” HIV Sentinel Surveillance” ( ANC& HRG 2017)Organized by Dept. of Health Research Ministry of Health & Family welfare Govt of India and NACO	Dr. Arvind N

### Research projects (Completed)

Title of the research project.	Investigators
Pin tract infections: Incidence, causative organisms and their antibiogram in a tertiary care hospital. ICMR Project.	Priyanka rohum, Dr .Parimala .S Dr. Anushka Devnikar.

### Research projects (On going):

Title of the research project	Investigators
Dengue virus serotypes in patients hospitalized for dengue fever at RL Jalappa Hospital, Kolar. Funded by SDUAHER, Tamaka, Kolar.	Dr Mamatha, Dr S.R Prasad.
Clinical and microbiological profile of acute febrile illness among patients attending a teaching hospital, Kolar. Funded by SDUAHER, Tamaka, Kolar.	Dr Arvind N Dr Prabhakar K Dr. Savitha N Dr. Sagarmali Dr. Sridhar S G
Detection of liver fibrosis among hepatitis B surface antigen carriers from Kolar region by aspartate amino transferase to platelet ratio index.	Pragnaya Sood Dr.S.R.Prasad
Clinical microbiological profile of diarrhea among children attending a tertiary care teaching hospital in rural Karnataka	M. Sushma Dr. Arvind Natarajan
Surveillance of Health care associated infections at a tertiary care teaching hospital from 2014 – 2016: Prevalence, Microbiological spectrum and antibiogram	Dr. Savitha. N Dr. Anitha. D

### Publications (April 2016 to March 2017):

Title of the paper	Authors	Journal
Detection of extended spectrum beta lactamases.	Rao PNS, Prasad S.R	Indian Journal of Medical Microbiology 2015;34(2):251-252
Endemic Cholera in Kolar region, Seasonality, Serotypes and Reversal of resistance to antibiotics among <i>Vibrio cholerae</i> isolates.	Swetha, Anitha Deva, Beena PM, Prasad SR	Journal of Communicable Disease 2016;48(2):7-11

### Publications: Accepted for Publication

Title of the paper	Authors	Journal
A Fulminant case of Community Acquired Pneumonia in association with <i>Acinetobacter baumannii</i>	Parimala S, Sagar M, Beena PM, Raveesha A	Journal of Academy of clinical Microbiologist.

## 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:

The Dept is actively engaged in under graduate and post graduate teaching activities and is in the process of starting a Toxicology Laboratory for carrying out toxicological analysis of various poison samples and drugs for therapeutic purposes. The faculties also impart awareness on legal aspect of medicine through guest lectures and other scientific programmes to various stake holders e.g. doctors, judges, police officials and scientific officers. The faculties are also invited by the State Institute of Health and Family Welfare, Govt. of Karnataka as resource persons.

The 24th Annual State Level Conference of Karnataka Medico Legal Society (KAMLS) from 21st to 23rd December 2016 was hosted by the Dept with the Theme - "Forensic Medicine and Human Rights". Around 200 delegates from various parts of the country participated in the conference.



Inaugural ceremony of 24<sup>th</sup> Annual State Level Conference of KAMLS

### Teaching Faculty:

### Thrust areas:

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

Sitting: L to R: Dr Srinivasa Reddy P, Dr Kiran J  
Standing: L to R: Dr Raj Kumar M G (Post Graduate student), Dr Ajay Kumar T S, Dr Murali Mohan M C



Name	Designation
Dr Kiran J	Professor and Head
Dr Srinivasa Reddy P	Professor
Dr Ajay Kumar T S	Associate Professor
Dr Murali Mohan M C	Assistant Professor
Dr Raj Kumar M G	Post Graduate cum Tutor

**Details of programmes conducted / attended:**

Date	Conference Conducted
21-23 Dec 2016	24 <sup>th</sup> Annual State Level Conference of Karnataka Medico Legal Society (KAMLSCON) 2016

Date	CME programmes attended	Name of the faculty
11-11-2016	State level CME on “Recent trends in Forensic Medicine and Toxicology” conducted at Chamarajnagar Institute of Medical Sciences, Chamarajnagar, Karnataka	Dr Ajay Kumar T S Dr Murali Mohan M C

**Details of Oral / Poster Presentation:**

Date	Papers presented : oral presentation	Name of the faculty
21-23 Dec 2016	“Destiny had decided”- Unusual circumstances of Carbon Monoxide Poisoning in 24 <sup>th</sup> Annual State Level Conference of Karnataka Medico Legal Society KAMLSCON 2016	Dr Ajay Kumar T S
21-23 Dec 2016	“Intermediate Syndrome following Organophosphorus and Carbamate Poisoning” in 24 <sup>th</sup> Annual State Level Conference of Karnataka Medico Legal Society KAMLSCON 2016	Dr Murali Mohan M C
21-23 Dec 2016	“ A rare case of Kounis Syndrome provoked by multiple honey bee stings” in 24 <sup>th</sup> Annual State Level Conference of Karnataka Medico Legal Society KAMLSCON 2016	Dr Raj Kumar M G

**Research Projects (On going):**

Title of the research project	Principal Investigator
Correlation of cardiac blood pH changes with time since death	Dr Kiran J
Association between gross and histopathological changes of Ligature Mark in cases of Hanging	Dr Srinivasa Reddy P
A Medico-legal profile of animal bites and stings in Kolar district, India: 2009-2017	Dr Ajay Kumar T S

### Publications: Accepted for Publication

Title of the paper	Authors	Journal
Aluminum phosphide poisoning: A rare presentation – case report	Kumar MGR, Reddy PS, Kiran J	Indian Journal of Forensic Medicine and Toxicology
A Retrospective Analysis of Mandibular fractures : An Autopsy study 2012-2016	Ajay Kumar TS, Deepa C	Indian Journal of Forensic Medicine and Toxicology
Profile of medico-legal autopsies done at Sri Devaraj Urs Medical College, Kolar for a period of 3 years	Murali Mohan MC, Yadukul S, Kiran J	Medico-Legal Update
A Retrospective study of Exhumation cases done at Sri Devaraj Urs Medical College, Kolar over a period of 3 years	Murali Mohan MC, Yadukul S, Kiran J	Medico-Legal Update
Socio-demographic profile of pattern of Solvent Abuse among street children in Bengaluru	Murali Mohan MC, Yadukul S, Satish KV	Indian Journal of Forensic Medicine and Toxicology

## DEPARTMENT OF COMMUNITY MEDICINE

### MISSION:

To provide aspiring student's community based medical education of exceptional quality; to provide health care services through outreach activities; to foster quality health care research and innovation; and to collaborate with centres of excellence to achieve global excellence in academics, health care and research.

### INTRODUCTION:

The Department of Community Medicine is a University Department of SDUAHER, Kolar and a Department of SDUMC the constituent college. The Department functions under the faculty of Medicine and primarily conducts Community Medicine course for MBBS Program and MD Community Medicine Program. The Department aims to prepare basic, quality health care professionals and Doctors of Community Medicine. The Department

provides community based health care services, conducts research and in the process partners with community based agencies and organizations. The Department has the agenda to generate new knowledge in the sphere of public health, to deliver innovative health care services and advocate it to the stake holders across the community. The Department is working towards reproducible models of health care services and its delivery to people in their various stages of life and for the conditions and diseases they suffer. The Department intends to achieve its aim of providing consultancy services to organizations and institutions of health in building their capacities in delivering comprehensive and innovative health care systems and its delivery. The Department has established and is maintaining a rural and an urban health care and training centre for community based training of students and trainees enrolled to courses of medical and

health related disciplines in the institute. These centres are also the field practice areas to undertake research on the need based health problems of the community.



#### Thrust areas:

- Non Communicable Diseases
- Cervical cancer screening and interventions
- Elderly health
- Vector Borne Diseases

#### Teaching Faculty:

Standing L to R:- Dr. Swathi H.J, Dr. Nagaraj G.M, Dr. Waseem Anjum, Dr. Mahendra M, Dr. Chaitra T, Dr. Naresh Kumar S.J, Dr. Sunil B.N, Dr. Alamelu K  
 Sitting L to R :- Dr. Ananta Bhattacharyya, Dr. Prasanna Kamath B.T, Dr. Ranganath B.G, Dr. Muninarayana C, Mr. Ravishankar S

Name	Designation
Dr. Ranganath B G	Professor & HoD
Dr. Muninarayana C	Professor
Dr. Prasanna Kamath B.T	Professor
Dr. Ananta Bhattacharyya	Assoc Professor
Dr. Naresh Kumar S J	Asst Professor, RHTC Incharge
Dr. Sunil B N	Asst Professor
Dr. Chaitra T	Asst Professor, UHTC Incharge
Dr. Mahendra M	Asst Professor, Epidemiologist
Dr. Waseem Anjum	Asst Professor
Dr. Varsha R Mokhasi	Lecturer
Mr. Ravishankar S	Asst Professor, Biostatistics
Dr. Vishwas.S	Post graduates/Tutors
Dr. Swathi.H.J	Post graduates/Tutors
Dr. Alamelu K	Post graduates/Tutors
Dr.Swathi.K	Medical officer, UHTC
Dr.Sushma A	Medical officer, RHTC

Date	Programmes conducted
14 Sep 2016	CME on “Gender Equality” in association with Dept. of Forensic Medicine and Women Empowerment Cell, SDUAHER
28 Feb 2017	“National Science Day” on the theme: ‘Science and Technology for Specially Aabled Persons’
25 Mar 2017	“World TB Day” with the theme: ‘Unite to end TB - Leave no one behind’.



Demonstration of recording and reading of temperature to specially abled children on 'National Science Day'



Celebration of World Health Day" function.

### Faculty Participation in Conferences/CME programmes:

Date	Conferences/CME programmes	Name of the faculty
7 <sup>th</sup> Feb- 2017	Workshop on AISHE, Tumkur University	Mr Ravishankar S
24 <sup>th</sup> & 25 <sup>th</sup> Jan- 2017	Research Methodology Workshop SDUCON	Mr Ravishankar S
11 <sup>th</sup> Mar- 2017	National Level Symposium at Christ University, Bangalore	Mr Ravishankar S
28 <sup>th</sup> Mar- 2017	National Level Symposium at Bharatidasan University, Trichy	Mr Ravishankar S
8 <sup>th</sup> -10 <sup>th</sup> Dec 2016	28 <sup>th</sup> Annual KACH Conference, SSAHER, Tumkur	Dr Muninarayana.C
20 <sup>th</sup> -28 <sup>th</sup> Feb- 2017	IPHA Conference, Jodhpur	Dr. Latha K Dr Vishwas S

### Outreach activities

Outreach activities	2016	
	No of activities conducted	No. of people attended
General health camps	48	12924
Eye camp & Diabetic Retinopathy camp	84	4144
Vajpayee Arogyashree camps	25	3458
School health examinations	24	3707
Anganawadi children health check up	17	196
Specialty outreach clinics	98	5956
MCH Clinics	47	546

### Research Papers Presented

Dates	Title of Presentation	Conference	Presenter
9 <sup>th</sup> Dec-2016	Investigation of acute diarrhea outbreak at Narasapura, Kolar	KACHCON: 2016	Vishwas S, Ranganath BG, Somashekar
9 <sup>th</sup> Dec-2016	A study of prevalence of goitre among school children in Kolar	KACHCON: 2016	Varsha R Mokhasi, Muninarayana C
9 <sup>th</sup> Dec-2016	Prospective study on prevalence of Anaemia among pregnant women and its outcome: A Community Based study	KACHCON:2016	Ravishankar S, Muninarayana C
9 <sup>th</sup> Dec-2016	Cancer cervix screening among women aged 30-60 years in Devarayasamudra PHC area in Kolar district	KACHCON: 2016	Latha K, Ranganath BG
25 <sup>th</sup> Feb - 2017	Growth and Nourishment of youths in Rural Kolar-An Exploratory study	IPHACON; 2017	Vishwas S, Ranganath BG.

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

Name of the student	Guide	Co-guide	Topic
Dr Swathi H J	Dr Ranganath B G	Dr Sreeramulu	Effectiveness of communication in promoting utilization of Breast cancer screening services among women working in Anganwadi centers

### Ongoing Research Projects:

Project	Investigator & Co Investigator
RCT of effect of micronutrient fortified nutritional product on immunity status among school children in Rural Kolar. Collaboration with food division ITC Life sciences and technology, Bangalore. External Funded.	Muninarayana. C, Mahesh V, Ravishankar S, KNV Prasad, AVM Kutty, Madhavi Reddy, Krishnamurthy
Utilization of Community based Cancer Cervix screening services through community participation – “A randomized community based trial of different approaches to reach women”	Ranganath BG, Varsha RM, Sheela HS, Kalyani

Health status and prevalence of chronic lung disease among workers formerly employed in KGF	Ranganath BG Vishwas
Mapping for VBD using GIS & Remote sensing techniques for prevention & control in rural Mulbagal, Kolar.	Ranganath.B.G, Naresh Kumar, Dr. Geetha Srikanth,
Craniofacial anthropometric measurements of selected communities in Kolar region	Ranganath.BG, Shashikanth Kiragi Gangadhar, Mysore University
Awareness regarding colorants in sweets and its harmful effects	Santhosh R, Ravishankar S
Assessment of Musculoskeletal problems among school children related to school bag weight in Southern Karnataka	VijaysriSaravanan, Naresh Kumar SJ

### Publications:

Title of the article	Authors	Journal
Menstrual Hygiene practices and Knowledge Among High School Girls of Rural Kolar (Original article)	Latha K, Ranganath BG, Shruthi MN, Mahesh V	National Journal of community Medicine 2016;7:754-58
Lymphatic Filariasis: Progress Towards Elimination ( Review article)	Ranganath B.G	Journal of Clinical and Biomedical Sciences 2016;6:44-48
A Comparative cross sectional study of knowledge and practice of menstrual hygiene among adolescent girls in rural and urban schools of Rural Karnataka (Original article)	Varsha R Mokhasi, Mahesh V, Manjunath TL, Muninarayana C, Latha K, Ravishankar S	Indian Journal of Forensic Medicine & Community Medicine 2016;3:163-67
Expediency of markers for early detection of Acute Kidney injury sequelae to type two Diabetes Mellitus (Original article)	Munilakshmi U Sashidhar K N Muninarayana C Madhavireddy Lakshmaiah V	Asian journal of pharmaceutical and clinical research. 2016
Mapping of Vector Borne Diseases using GIS and Remote Sensing Techniques (Letter to editor)	Naresh Kumar SJ	Journal of Clinical and Biomedical Sciences 2016;6:39
Opportunities for Medical college Hospital to Promote Utilization of cancer cervix Screening services among Rural Women (Letter to editor)	Latha K	Journal of Clinical and Biomedical Sciences 2016;6:69-70

### VISION:

- Excellence in Academics, Research and Clinical Care
- To improve the health of the community through high quality education, research and clinical care.
- To innovate in teaching and patient care
- To contribute and further shape the overall educational mission of the institution.
- To keep the department informed about current academic trends and respond innovatively and appropriately to such trends.
- To provide the highest quality clinical service that is the first choice for patients and referring physicians.
- To be a research center which is a leading engine of scientific discovery and advance health that attracts the world's best investigators.

### INTRODUCTION:

The Department 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

### Faculty:



the courses offered by other departments such as Renal Dialysis technology course and Nursing Courses. 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 Department of cardiology and diabetology, the strength of MICU in tackling medical emergencies and epidemics, the participation of the department in various outreach pragmas such as camps and mega camps makes us stand taller.

### Thrust areas identified

- 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.

Sitting (L to R) - Dr.Vidyasagar.C.R,  
 Dr.Raghavendrprasad.B.N,  
 Dr.Lakshmaiah.VDr.K.Prabhakar,Dr.Raveesha.A,  
 Dr.P.N.Venkatarathnamma. **Standing- 1st Row**  
 Dr.Shaama.G,  
 Dr.Anitha.A,Dr.MadhaviReddy.M,Dr.Srinivasa.S.V  
 ,Dr.Harish Kumar,Dr.JagMohan Dr.Niveditha.S.  
**Standing- 2nd Row** Mr.Chandrappa(Attender,)  
 Dr.Swetha, Dr.Vennela, Dr.Monica Sai,  
 Dr.Harshita.G, Dr.Spoorthi, Dr.Arathi,  
 Dr.Spandana.G. **Standing- 3rd Row:**Dr.Suhas,  
 Dr.Abhishek, Dr.Maharaj, Dr.Likitesh,  
 Dr.Ragavendar Reddy,Dr.Harish  
 Kumar,Dr.Mayur,Dr. Reddy Prasad. **Standing -4th**  
**Row:** Dr.Tameem, Dr.Dwarak, Dr.Sanketh,  
 Dr.Rakesh, Dr.Thanuj, Dr.Surya,  
 Mr. Chandrappa.K(Clerk).

### Teaching faculty

Name	Designation
Dr.K.Prabhakar	Professor & Head of the Department
Dr.V.Lakshmaiah	Professor
Dr.B.N.raghavendraprasad	Professor
Dr.P.N. Venkatarathnamma	Professor
Dr.Raveesha A.	Professor
Dr.Vidyasagar C.R.	Associate Professor
Dr.Srinivasa S.V.	Associate Professor
Dr. Harish kumar S.	Associate Professor
Dr. K.V.S.Reddy	Associate Professor
Dr. Reddy prasad k.	Assistant Professor
Dr.Prasannakumar. N.	Assistant Professor
Dr.Niveditha.S.	Assistant Professor
Dr.Vishwanathareddy .N.	Assistant Professor
Dr Anitha. A	Assistant Professor
Dr.Reethesh. R.P	Assistant Professor
Dr. Yugandarreddy	Senior Resident
Dr A.V.Ramdas	Senior Resident
Dr.Mahaboob Pasha	Senior Resident
Dr.Bhaskar	Senior Resident
Dr.Tanveerulla khan	Senior Resident

### Details of programmes conducted / attended as below

Date(s)	CME Programmes Conducted	Name of the faculty
18 <sup>th</sup> Oct 2016	Update on HIV/ AIDS, Viral Hepatitis	All Faculty Attended CME

Date(s)	Conferences Attended	Name of the faculty
17 <sup>th</sup> to 19 <sup>th</sup> Jun 2016	Karnataka All Physicians of India Conference (KAPICON) 2016	Dr.Prabhakar.K Dr.Lakshmaiah.V Dr.Raveesha.A
18 <sup>th</sup> to 20 <sup>th</sup> Nov 2016	Research Society for the Study of Diabetes in India-RSSDI 2016	Dr.Vidyasagar.C

### Research projects (Completed):

Date	Title of presentation & Conference	Name of the faculty
17 <sup>th</sup> to 19 <sup>th</sup> Jun 2016	A rare case of microscopic polyangiitis KAPICON-2016	Dr.Harshita Ganji
17 <sup>th</sup> to 19 <sup>th</sup> Jun 2016	Cryptococcal meningitis in an immunocompetent patient: a case report KAPICON-2016	Dr.Likitesh. A.B
17 <sup>th</sup> to 19 <sup>th</sup> Jun 2016	Phenytoin – induced drug reaction with eosinophilia and systemic symptoms ( dress syndrome) KAPICON-2016	Dr.Likitesh. A.B
17 <sup>th</sup> to 19 <sup>th</sup> Jun 2016	An unusual case of attempted suicide by hanging: a case report KAPICON-2016	Dr.Spoorti
17 <sup>th</sup> to 19 <sup>th</sup> Jun 2016	Study of clinical and laboratory profile of dengue fever patients KAPICON-2016	Dr.Spoorti
18- 20 Nov 2016	INH induced seizures in tb/hiv patient with single therapeutic dose RSSDI 2016	Dr Thanuj
18- 20 Nov 2016	Prevalence of thyroid dysfunction in patients with type 2 diabetes mellitus RSSDI 2016	Dr Meena
18- 20 Nov 2016	Nlr as a reliable predictive marker for early stage diabetic kidney disease RSSDI 2016	Dr Rakesh
18- 20 Nov 2016	Correlation of increased levels of glycated hemoglobin with red blood cell parameters in type 2 diabetes mellitus RSSDI 2016	Dr Vennela

### Research projects (ONGOING):

Title of the Research Project	Principal Investigator & Co Investigator
Neutrophil lymphocyte ratio and blood glucose regulation in patients with type 2 diabetes	Dr. Prabhakar.K, General Medicine
Neck circumference as independent predictor to metabolic syndrome	Dr. Prabhakar. K General Medicine
Hypocalcemia as a marker of bleeding manifestations in febrile thrombocytopenia.	Dr.Lakshmaiah.V General Medicine
The neutrophil lymphocyte ratio in patients with community acquired pneumonia.	Dr.Prabhakar.K General Medicine

Quality of life in elderly diabetes with mild cognitive impairment.	Dr.Vidyasagar.C General Medicine
Glycosylated hb is a reliable predictor of lv diastolic dysfunction in newly diagnosed type 2 DM.	Dr.Srinivas.S.V General Medicine
Effect of hemodialysis on p wave in ckd patients.	Dr.B.N.Raghavendra Prasad. General Medicine
Early detection of cardiotoxicity in op poisoning	Dr.Raveesha.A, General Medicine
Correlation of severity of dengue fever with transaminase levels	Dr.Prabhakar.K General Medicine
Correlation between microalbuminuria & hba1c in patients with t2dm	Dr.Viswanathareddy General Medicine
Correlation between serum fasting insulin level & cvs manifestation in t2dm	Dr. Prabhakar.k, General Medicine
Correlation between serum uric acid level with egfr in Type 2 DM patients	Dr.Srinivas.S.V, General Medicine
Effect of yoga on type 2 diabetes mellitus.	Dr.Venkatathamma.P.N. General Medicine
Study on index of central obesity and glycaemic control, among type 2 diabetes mellitus patients	Dr.Madhavireddy, General Medicine

### Publications (April 2016 to March 2017):

<b>Title of the research project</b>	<b>Principal Investigator &amp; Co Investigator</b>
Study of mean platelet volume in patients with type 2 DM and its correlation with diabetic retinopathy	Dr.Viswanatha Reddy, General Medicine
Knowledge towards basics life skills as a tool to assess the quality of the doctors	Dr.Reddyprasad General Medicine
Role of nutrition education intervention in the progression of kidney disease wasting in rural hemodialysis patients	Dr.Madhavireddy General Medicine
Clinical & laboratory profile of hepatitis B &C infections in ckd patients undergoing hemodialysis	Dr.B.N.Raghavendra Prasad, General Medicine
Study of correlation of quality of life and vasomotor symptoms in premenopausal women	Dr.Lakshmaiah.V General Medicine
Awareness of diabetes complications in patients with DM	Dr.Prabhakar k, General Medicine
Prevalence of prediabetes in medical students	Dr.Srinivasa.S.V General Medicine

To study the effect of yoga in copd patients alternative to pulmonary rehabilitation	Dr.Jagmohan.S.V General Medicine
To study the effect of yoga in COPD patients alternative to pulmonary rehabilitation	Dr.Jagmohan.S.V General Medicine
Hypothyroidism in fluorosis	Dr.Vidyasagar.C General Medicine
Comparative study of BP measurement by sphgynometer and oscillometry	Dr.B.N.Raghavendra Prasad, General Medicine

**MD/MS Dissertations / Ph.D. thesis (topics given during 2016-17 Batch)**

Name of the student	Guide	Topic
Dr.Dwarak	Dr.P.N.V.Rathnamma	Subclinical cardiac abnormalities in chronic kidney disease
Dr. Sanketh	Dr.Vidyasagar	Cardiac dysfunction in chronic liver disease
Dr.Maharaj	Dr.V.Lakshmiah	Assessment of serum vitamin D levels in TB patients and comparison with non TB patients
Dr.Ragavendar Reddy	Dr.Srinivas S.V	Study to correlate serum ascitic albumin gradient with presence and grades of esophageal varices in patients with portal hypertension
Dr.Arathi Gadwalkar	Dr. Prabhakar .K	HBA1C as a prognostic indicator in prediabetes with acute coronary syndrome
Dr.Shaama.G	Dr.Prabhakar.K	A study on association of fcyr1a polymorphism with dengue infection a hospital based observational study
Dr.Dave Mayur	Dr.Raveesha	The effects of iron replacement therapy on hypothyroid patient with iron deficiency anaemia
Dr.Tameem Imran	Dr. B.N.Raghavendra Prasad	Serum iron indices in chronic kidney disease patients

**Achievements / honors / awards / fellowships if any during the year**

1. Best Paper Presentation Award In KAPICON-2016 by Dr.Rakesh
2. Kannada Rajyotsava award –Dr.Prabhakar.K
3. Anveshana student research - Dr.Shaama.G

**VISION:**

- To be a department of excellence through imparting quality training in anaesthesiology
- Offering optimal anaesthesia care for surgical patients including critical care and pain relief
- 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). Later, it was upgraded in 1989 with one Head of the Department two Associate Professors, two lecturers and two Tutors. Hospital complex consisting of major & minor operation theatres alongwith a multi-specialty Intensive Care Unit with 10 beds, besides other departments, started functioning since 1995.

Post graduate courses were introduced in 1997 with two M.D and four D.A seats. The 13<sup>th</sup> and 25<sup>th</sup> Silver Jubilee State level Anaesthesia Conference & CME was conducted during September 1997 and August 2010 respectively.

Apart from catering for the anaesthesia services in OT, the Dept is offering pain & palliative care to post-operative and terminally ill patients at pain clinic and also managing critically ill patients in Intensive Care Unit.

Link doctors identified by the Dept endorse infection control practices. They are not only involved in training of staff, PGs and Paramedics but alsojj supervise all the infection control practices in ICUs and operation theatres.

Some faculty members are certified as ACLS Instructors and they impart training and certify Interns, PGs and Paramedics in BLS and ACLS.

Many research projects have been taken up by the faculties and student’s alike. There have been a good number of publications from the Dept in reputed Journals.



Operation Theatre and Post of care

### Thrust areas identified

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

### Teaching Faculty



### Faculty Names and Designation

Name	Designation
Dr. Dinesh .K	Professor & HoD
Dr. Ravi M	Professor
Dr. Anand T. Talikoti	Professor
Dr. Rajanna K	Associate professor
Dr. Suresh Kumar N	Associate Professor
Dr. Kiran N	Associate Professor
Dr. Sujatha. M. P.	Assistant Professor
Dr. Threja C K	Assistant Professor
Dr. Vishnuvardhan V	Assistant Professor
Dr. Sumanth T	Assistant Professor
Dr. Shiva Kumar K M	Assistant Professor
Dr. Vipra V Pant	Senior Resident
Dr. Nikhil. M	Senior Resident

**Sitting (L to R):-** Dr. Rajanna K, Dr. Anand T Talikoti  
Dinesh K, Dr. Ravi M, Dr. Shivakumar. K M

**Standing:-**

**1<sup>st</sup> Row (L to R) :-** Dr. Apoorva. D S, Dr. Vipra V  
Pant, Dr. Threja C K, Dr. Sumanth. T, Dr.

Vishnuvardhan V, Dr. Suresh Kumar N, Dr. Kiran N.

**2<sup>nd</sup> Row (L to R) :-** Dr. Abhinaya Manem, Dr.

Sushma Bandreddy, Dr. Lakshmi K Swamy, Dr.

Sowmya N, Dr. Naga Seshu, Dr. Abhishek K M, Dr.

Abhay Kumar Rana, Mr. Manjunath.

**3<sup>rd</sup> Row (L to R) :-** Dr. Mahalakshmi, Dr. Kavya K,

Dr. Bhavana B G, Dr. Nikila D G, Dr. Swati Sujeer,

Dr. Priyanka Das, Dr. Mallika Ganesh,

Dr. Dinesh K, Prof & HoD receiving the Best  
Department Award 2016 from Honorable  
Vice - Chancellor



### Details of Programmes conducted / attended

<b>CME Programmes Conducted</b>	
State Level Annual CME on Obstetric Anaesthesia was conducted on 16 <sup>th</sup> July 2016.	

<b>Date(s)</b>	<b>CME Programmes attended</b>	<b>Name of the faculty</b>
29 <sup>th</sup> Aug 2016	CME on Palliative Care at Kidwai Memorial Institute of Oncology, Bangalore	Dr. Threja C K Assistant Professor

<b>Date(s)</b>	<b>Conferences Attended</b>	<b>Name of the faculty</b>
23- 25 Sep 2016	AORA 2016 Regional Anaesthesia Conference Hyderabad	Dr. Vishnuvardhan V Assistant Professor

<b>Date(s)</b>	<b>Workshops Conducted</b>	<b>CPCR Workshops at Centre for Clinical Skills &amp; Simulations</b>
28 May, 11 Aug, 03 Sep 2016 & 07 Feb, 07 Mar 2017	CPCR Workshop conducted for House surgeons / Doctors /Staff Nurses	28.05.2016, 11.08.2016, 03.09.2016, 07.02.2017, 07.03.2017

<b>Date(s)</b>	<b>Workshops Attended</b>	<b>Name of the faculty</b>
25 Sep 2016	AORA 2016 Regional Anaesthesia Workshop Hyderabad	Dr. Vishnuvardhan V Assistant Professor

### Research projects (Completed):

<b>Title of the research project</b>	<b>Principal Investigator &amp; Co Investigator</b>
Optimizing the dose of preemptive oral pregabalin for postoperative pain control after abdominal hysterectomy under spinal anaesthesia	Dr. Anand T Talikoti Dr. Dinesh K
Supraclavicular brachial plexus block with 0.75% ropivacaine and with additives tramadol, fentanyl: A comparative pilot study	Ravi M Krishna Kumar B R
A comparative study of ketorolac with lornoxicam as preemptive analgesics in patients who were undergoing elective abdominal surgery under general anaesthesia	Girish Babu N Girish M B
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 (On going):**

<b>Title of the research project</b>	<b>Principal Investigator &amp; Co Investigator</b>
Evaluation of effect of adding dextrose to levobupivacaine, compared to levobupivacaine plain in subarachnoid block for lower limb and lower abdominal surgeries	Dr. Kiran N Associate Professor Dr. Dinesh. K Professor & HoD
Impact of co-administration of pre and probiotics along with vitamin-D on the incidence of ventilator associated pneumonia – a comparison with standard care	Dr. Vishnuvardhan. V Assistant Professor Dr. Suresh Kumar. N Associate Professor

**Research Projects (New):**

<b>Title of the research project</b>	<b>Principal Investigator &amp; Co Investigator</b>
Comparison of pain on injection with lidocaine pretreatment and serum triglyceride levels with propofol LCT versus propofol MCT/LCT after short term anaesthesia in adult patients.	Dr. Threja. C.K, Assistant Professor Dr. Vishnuvardhan.V, Assistant Professor
Comparison of pseudocholinesterase activity and genetic analysis among Vysya and Non Vysya community in south India	Dr. Anand T Talikoti, Professor Dr. Suresh Kumar N, Associate Professor

**MD/MS Dissertations / Ph.D. Thesis (topics given during 2016-17 Batch)**

<b>Name of the student</b>	<b>Guide</b>	<b>Topic</b>
Dr. Abhinaya Manem	Dr. Dinesh K	Evaluation of pre-emptive intramuscular glycopyrrolate in prevention of spinal induced hypotension in elective cesarean sections
Dr. Lakshmi K Swamy	Dr. Ravi M	Effects of lower doses of dexmedetomidine on controlled hypotension during middle ear surgery
Dr. Sushma Bandreddy	Dr. Anand T Talikoti	Evaluation of low dose bupivacaine in combination with tramadol as a safe alternative to conventional dose of bupivacaine in spinal anaesthesia for turp surgeries

**Publications (April 2016 to March 2017):**

<b>Title of the paper</b>	<b>Authors</b>	<b>Journal</b>
Continuous spinal anaesthesia – a safe alternative in trauma and geriatric patients - case series.	Anusha Raj, Nikhila R, Ravi M,	<u>AJMDR 2016;</u> 2:07-09.

	Priyanka Das, Dinesh K, Bhavana B G	
Management of perioperative pulmonary edema with severe pre-eclampsia coming for emergency caesarean section	Supriya T C, Threja C K, Vishnuvardhan V, Nikhila R, Ravi M.	AJMDR <u>2016;02:14-15</u>
Anaesthetic management of a patient with severe thoraco lumbar kyphoscoliosis posted for emergency incision and drainage of perianal abscess.	Threja C K, Nikhila R, Supriya T C, Ravi M, Dinesh K,	<u>AJMDR 2016</u> ;2:16-19
Apnoea hyperthermia & convulsions following glycopyrrolate.	Anusha raj, Threja C K, Ravi M, Kiran Kumar R P.	AJMDR 2016;2:13-14
A post maxillectomy case posted for ethmoidal and frontal mucocele drainage: a difficult airway.	Abhishek Kanakuppe Manjunath, Ravi Madhusudhana, Dinesh Krishnamurthy	Ajor.2016;02: 11-13.
Study of efficacy of epidural methyl prednisolone acetate in lumbar radiculopathy.	Venkata Satyanarayana K Narayana Gudi S, Ravi Madhusudhana, P V Manohar.	IOSR-JDMS 2016; 15:17-20.
Anaesthetic management of a patient with previous lobectomy posted for emergency modified radical mastoidectomy.	Nikhila Rajendra, Anusha Raj, Ravi Madhusudhana, Priyanka Das, Dinesh Krishnamurthy	IJPPS 2016;8(6):305-6.
Predictive value of upper lip bite test and ratio of height to thyromental distance compared to other airway assessment test for difficult laryngoscopy.	Naga Jyothi Degala, Abdul Khader M, Meenakshi Sundaram S P Ravi Madhusudhana.	ISOR 2016;15(5):49-58
Blind nasal intubation for emergency incision and drainage of Ludwig's angina.	Rajanna Kapanaiiah, Anusha Raj,Nikhila Rajesndra, Ravi Madhusudhana	AJMDR 2016;02(4):01-03
Comparative study of intrathecal bupivacaine with additives buprenorphine and fentanyl for post operative analgesia..	Kiran Nelamangala, Ravi Madhusudhana, Dinesh Krishnamurthy, Naga Seshu Kumari Vasantha.	IOSR 2016;15(6):39-42
Effect of oral pregabalin as preemptive analgesic in patients undergoing lower limb orthopedic surgeries under spinal anaesthesia.	Bon Sebastian, Anand Tippanna Talikoti, Kiran Nelamangala, Dinesh Krishnamurthy.	JCDR 2016;10(7):1-3
Estimation of haemoglobin with arterial blood gas analyzer compared to conventional laboratory methods in intensive care unit.	Nikhila R, Ravi. M, Sujatha. M P, Suresh Kumar. N, Dinesh. K,	IOSR 2016;15(8):05-07
Effects of adding intrathecal magnesium sulphate to bupivacaine and fentanyl in lower abdominal and lower limb surgeries.	Vishnuvardhan. V, Hemalatha. S, Sarika M Shetty, Viswanathan. P N,	IOSR 2016;15(7):44-48

Hemoglobin and oxygen transport.	Nagan Varadaraj Nagalakshmi, Ravi Madhusudhana, Nikhila Rajendra, Abhishek Kanakuppe Manjunath.	KAJ 2016;2(1):01-06
Antiemetic effect of propofol administered at the end of surgery.	Abhishek K M, Dinesh K, Ravi M, Kiran N,	IOSR 2016;15(11):54-58
Effect of buprinorphine and granisetron in post anaesthetic shivering following general anaesthesia-a comparative study	Naga Seshu Kumari Vasantha, Ravi Madhusudhana, Sujatha M Papireddy, Dinesh Krishnamurthy, Priyanka Das.	IOSR 2016;15(11):44-48
Intrathecal fentanyl in different doses(10mcg,15mcg) with hyperbaric bupivacaine (10mg) for caesarean section: a Comparative study.	Sowmya N, Ravi M, Sujatha M P, Dinesh K, Kavya K.	IOSR 2016;15(11)-42-43
Intrathecal anaesthesia with tunnelling for postoperative pain relief.	Swati Sujeer, Ravi Madhusudhana, Sujatha M P , Bhavana B G.	AJMR 2016;02(11)-01-04
Epidural vs bupivacaine with dexmedetomidine or fentanyl for lower abdominal and lower limb surgeries –a randomized prospective study.	Neha Nupoor, Anand T Talikoti, Ramesh Kumar PB, Dinesh. K,	J Clin Biomed Sci 2016;6(1):14-19
Intermediate syndrome in organo phosphorous poisoning patients admitted to icu-a retrospective analysis	Neha Nupoor, Suresh Kumar Nagaiah, Ravi Madhusudhana, Anusha Raj, Dinesh Krishnamurthy, Prabhakar Kamarthi	J Clin Biomed Sci 2016; 6(2): 53-55
Attenuation of haemodynamic responses to laryngoscopy and endotracheal intubation with intravenous dexmedetomidine: a comparison between two doses.	Bon Sebastian, Anand T Talikoti, Dinesh Krishnamurthy	Indian J Anaesth 2017;61:48-54
A comparative study of halothane versus sevoflurane for induction of anaesthesia and tracheal intubation in children.	Sinam Hemona Devi, Somasekharam Potli, Ravi Madhusudhana, Dinesh Krishnamurthy.	IOSRJOURNALS. 2017;16(6):90-95.
Neck circumference to thyro-mental ratio, a non invasive clinical tool to predict difficult intubation in obese patients.	Jagadamba A, Ravi M, Sharath K.	IJCMR. 2017:1(2).

## **Achievements / Honors / Awards / Fellowships if any during the year**

### **a. Faculty**

- The Department of Anaesthesiology was awarded as the “Best Department” for the year 2016 by the University.
- Dr. Dinesh K, Professor & HoD was elected as president, Dr. Ravi M, Professor as Vice-President and Dr. Kiran N, Associate Professor as Secretary respectively for Indian Society of Anaesthesiology, Kolar City Branch
- Dr. Dinesh K, Professor & HoD & Dr. Ravi M, Professor were certified as AHA BLS & ACLS Instructors from the St. Johns Medical College, Bangalore held during December 2015.
- Dr. Threja C K, Assistant Professor underwent training in Palliative Pain Medicine and was awarded certificate from the Kidwai Memorial Institute of Oncology Bangalore

### **b. Postgraduates**

- Dr. Nikhila R was awarded Gold medal in MD Anaesthesia Exam conducted by SDUAHER University in 2016-17
- Dr. Supriya T C was awarded Gold medal in Diploma Anaesthesia Exam conducted by SDUAHER University in 2016-17.

## DEPARTMENT OF DERMATOLOGY, VENEREOLOGY & LEPROSY

### VISION:

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

### INTRODUCTION:

The Department 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 Department 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. Department is also actively engaged in both undergraduate and postgraduate teaching and pursuing research and publication activities.

The Department offers the following specialty services:

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

### Thrust areas:

- Oral lesions in geriatric patients
- Hair loss in children
- Immunotherapy for viral warts
- Dermoscopic study for hairloss



### Teaching Faculty

Sitting from L to R: Faculty- Dr. Suresh Kumar K , Dr. Rajashekar T.S

Dr. Sharanya Padma Standing from L to R: Row 1: Dr. Shruthi Madhavi.G,Dr. Shruthi Nandigonnnavar, Dr. Ashna Ashraf, Dr. Priya Prem, Dr. Neel B Patel. Row 2: Dr. Jameema Corneli Peter, Dr. Sneha Krishnoji Roa, Dr. Amulya Ramamurthy.

### Teaching Faculty Details as below

Name	Designation
Dr. Rajashekar T.S	Professor & HoD
Dr. Rajesh. G	Assoc. Professor
Dr. Suresh Kumar K	Asst. Professor
Dr. Sharanya Padma	Senior Resident
Dr Jameema.Corneli Peter	Jr. Resident/Tutor
Dr Amulya Ramamurthy	Jr. Resident/Tutor
Dr Shruthi Madhavi.G	Jr. Resident/Tutor
Dr Priya Prem	Jr. Resident/Tutor
Dr Neel.B.Patel	Jr. Resident/Tutor
Dr.Sneha Krishnoji Rao	Jr. Resident/Tutor
Dr. Ashna Ashraf	Jr. Resident/Tutor
Dr. Shruthi Nangonnnavar	Jr. Resident/Tutor

**Details of programmes conducted/ attended as below**

<b>Date</b>	<b>CME programmes conducted</b>
24 Aug 2016	CME on HAIR LOSS“YOUR HAIR OUR CARE”

<b>Date</b>	<b>CME programmes Attended</b>	<b>Name of the faculty</b>
12 Apr 2016	CME on “Clinical Mycology-an update” held at MVJ Medical College	Dr. Suresh Kumar K
16 Jul 2016	“4 <sup>th</sup> Annual CME in Dermatology, Venereology and Leprosy, Christian Medical College, Vellore.	Dr. Soumya Soragavi, Dr. Keerthi C Dr. Niva Muni Tushar, Dr Amulya Ramamurthy Dr Jameema Corneli
06 Aug 2106	CME on “Derma Basics – 2016 by IADVL Karnataka and Mandya Society Of Dermatologists held at Mandya Institute Of Medical Sciences, Mandya	Dr Priya Prem, Dr Shruthi Madhavi, Dr Neel B Patel
09 Oct 2016	“20” Dermazone (South) & 7 <sup>th</sup> Cuticon –TN 2016 held at Tamil Nadu Medical Council,Chennai	Dr. Soumya Soragavi Dr. Muni Niva Tushar Dr. Jameema Corneli Dr. Amulya Ramamurthy
11 Nov 2016	CUTICON KN 2016 held at Hubballi	Dr. Rajashekar T S Dr. Soumya Soragavi
11 Jan 2017	Dermacon 2017 45 <sup>th</sup> National conference of Indian	Dr. Rajashekar T S

<b>Dates</b>	<b>Conferences Attended</b>	<b>Name of the faculty</b>
12 Nov 2016	CUTICON KN 2016 held at Hubballi	Dr Rajashekar T S
11 Jun 2016	National Symposium on Clinical Dermatology and bedside investigations” held at NIMHANS convention Centre	Dr Rajashekar T S Dr. Suresh Kumar K, Dr. Keerthi C Dr. Niva Muni Tushar, Dr. Amulya Ramamurthy Dr. Jameema Corneli
01 Jul 2016	DAAS- Dermatology and Allied Sciences Summit held at Hotel Euros, New Delhi.	Dr. Suresh Kumar. K
07 Oct 2017	“20” Dermazone (South) & 7 <sup>th</sup> Cuticon –TN 2016 held at Tamil Nadu Medical Council,Chennai	Dr. Soumya Soragavi Dr. Muni Niva Tushar Dr. Jameema Corneli Dr.Amulya Ramamurthy.
13.01.2017	Dermacon 2017 45 <sup>th</sup> National conference of Indian	Dr. Rajashekar T S

Date	Workshops Attended	Name of the faculty
01 Jul 2016	Workshop on Chemical Peels and Acne surgery at DAAS Summit	Dr. Suresh Kumar K
18 Dec 2016	First South Zone ACS(I) Dermatosurgery Workshop at Raja Rajeshwari Medical College and Hospital, Bengaluru	Dr. Sathish S, Dr Suresh Kumar K, Dr Amulya Ramamurthy, Dr Jameema Corneli, Dr Priya Prem, Dr Shruthi Madhavi, Dr Neel Patel

Date	Papers presented :oral presentation	Name of the faculty
07 Oct 2016	“Clinico epiemological study of various dermatoses in adolescent girls” at 20 <sup>th</sup> Dermazone south & 7 <sup>th</sup> cuticon TN 2016 at Tiruchirappalli	Dr Soumya Soragavi
07 Oct 2016	“ Tattoo reaction ; variant of lupus vulgaris” at 20 <sup>th</sup> dermazone south & 7 <sup>th</sup> cuticon TN 2016 at Tiruchirappalli	Dr Jameema Corneli Peter

Date	Papers presented :poster presentation	Name of the faculty
07 Oct 2016	‘Erythema dyschromicum perstans- a case report at 20 <sup>th</sup> Dermazone south & 7 <sup>th</sup> cuticon TN 2016 at Tiruchirappalli	Dr.Muni Niva Tushar

#### Research projects (Completed):

Title of the research project	Principal Investigator & Co Investigator
A clinicoepidemiological study of various dermatoses in adolescent girls	Dr. Soumya Dermatology
A clinicoepidemiological study of melasma in men	Dr.Keerthi C Dermatology

#### Research projects (On going):

Title of the research project	Principal Investigator & Co Investigator
Comparative study of intralesional BCG and PPD in the treatment of multiple cutaneous warts- A pilot study	Dr. Rajashekar T.S Dermatology
A clinico-epidemiological study of hair loss in children	Dr. Amulya Ramamurthy Dermatology
Oral mucosal lesions in elderly population – A clinico-epidemiological study	Dr.Jameema Corneli Peter Dermatology

**Research projects (New):**

Title of the research project	Principal Investigator & Co Investigator
Trichoscopic patterns of non scarring alopecias	Dr Shruthi Madhavi.G Dermatology
Dermoscopic patterns of lichenoid dermatosis	Dr Priya Prem Dermatology`

**MD/MS Dissertations / Ph.D. thesis (topics given during 2016-17 batch)**

Name of the student	Guide	Topic
Dr Shruthi Madhavi.g	Dr Rajashekar T S	Trichoscopic patterns of non-scarring alopecias
Dr Priya Prem	Dr Rajashekar T S	Dermoscopic patterns of lichenoid dermatosis

**Publications (April 2016 to March 2017):**

Title of the paper	Authors	Journal	Department
Drug reaction with eosinophilia and systemic symptoms for phenytoin	Sowmya Chinnaiyan , Bhuvana Krishnaswamy, Sarala Narayana, Rajashekar Talari Srinivas	National Journal of Physiology, Pharmacy and Pharmacology	Department of Pharmacology, Department of Dermatology

**Achievements / honors / awards / fellowships if any during the year**

**Faculty:**

- a. Dr. Rajashekar TS chaired a session at CUTICON KN 2016 held at Hubballi from 11<sup>th</sup> to 13<sup>th</sup> November 2016.

### VISION:

- To be one of the premier academic radiology programs in India.

### INTRODUCTION:

Department of radio-diagnosis caters to the need of the patients of R.L.Jalappa hospital round the clock. Department is well equipped with all the modalities including CT, MRI and mammography. Department offers services in various medical camps to cater to the needs of rural population.

The department is actively involved in training of undergraduate and postgraduate medical students with MCI recognized postgraduate degree and diploma courses. Department 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. Faculty and residents are involved in research publications in various national and international journals.

The department is well-equipped with a museum cases of various systems and a demonstration room containing exhibits

### 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 Details as below



**Sitting row (left to right)** Dr. Naveen G. Naik (Asst. Professor), Dr. Ashwathnarayan swamy (Sr. Resident) Rache Gowda N (Professor), Dr. V.Pattabhiraman (Professor), Dr. Purnima Hegde (Prof. & HOD), Dr. Kumar Sakalecha (Professor), Dr. Nabakumar Singh (Professor), Dr. Vinay K K (Sr. Resident).

**Standing first row (left to right):** Dr. Anil Kum T R (Sr. Resident), Dr. Ramya Chandra (Jr. Resident) L Vaishnavi (Jr. Resident), Dr. Sahiti Reddy (Jr. Resident) Dr. Keerti (Jr. Resident), Dr. Sivateja (Jr. Resident), L Anusha (Jr. Resident), Dr. Gowthami (Jr. Resident), L Ambuj (Jr. Resident).

**Second row (left to right):** Dr. Nilesh Ashok (Jr. Resident), Dr. Ravindra Naik (Jr. Resident), Dr. Bharath Reddy (Jr. Resident), Dr. Eswar Sai Prasad (Jr. Resident), Dr. Aravind Reddy (Jr. Resident).

**Details of programmes conducted / attended as below**

<b>Date &amp; Year</b>	<b>CME programs conducted</b>
5 Aug 2016	CME on “Women’s Imaging”
17 Jun 2016	Guest lecture by Dr. Sanjay Gandhi, Senior Consultant at North Bristol NHS Trust (NBT) hospital, on “ Orthopaedic Imaging”
8 Nov 2016 World Radiology day	Dr. Pattabhiraman.V, Professor of Radiology, SDUMC gave a talk on “Radiation Protection”.

<b>Date</b>	<b>Conferences Attended</b>	<b>Name of the faculty</b>
24 - 25 Sept 2016.	Third Annual National Conference of the Society of Emergency Radiology-2016 held at Vydehi Medical College, Bangalore.	Dr. Purnima Hegde
11 - 12 March 2017	IRIA conference of “KARRADCON-2017” held at Raja Rajeshwari Medical College, Bangalore	Dr. Purnima Hegde Dr. Anilkumar Sakalecha Dr. Naba Kumar Singh Dr. Naveen G. Naik
21, 22 & 23 December 2016	24 <sup>th</sup> Annual State CME & Conference of KMLSCON-2016 held at Forensic Medicine department, SDUMC	Dr. Naba Kumar Singh

<b>Date</b>	<b>Workshops Attended</b>	<b>Name of the faculty</b>
23 Jan 2016	Mammography Workshop sponsored by Manipal Hospital Handout at Bangalore compiled by Dr. Purnima Hegde	Dr. Purnima Hegde

**Research projects (On going):**

<b>Title of the research project</b>	<b>Principal Investigator &amp; Co Investigator</b>
Pattern of Traumatic Brain Injury and its Sequelae in Patients Utilizing Services at Medical College Hospital in Kolar	Dr. Purnima Hegde
An Epidemiological Study of Fluorosis in Kolar and Impact Assessment of Interventions	Dr. Purnima Hegde

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

Name of the student	Guide	Topic
Dr. Gnana Swaroop Rao	Dr. Purnima Hegde Prof. & HOD	Role of MDCT in Evaluation of Intestinal Obstruction
Dr. Nishikant	Dr. Rache Gowda Professor	Contrast Induced Nephropathy
Dr. Darshan A V	Dr. Anil Kumar Sakalecha Professor	Role of MRI in Staging of Carcinoma Cervix
Dr. Rahul Deep	Dr. Nabakumar Singh Associate Professor	CECT Evaluation of Ca larynx

## DEPARTMENT OF GENERAL SURGERY

### VISION:

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

### INTRODUCTION:

Department of General Surgery was started in the year 1988 under the guidance of Dr.T.D.Srinivasan. Initially started with 60 beds. The Dept has grown tremendously for past few years with the bed strength of 160 (40 super specialty beds) at present.

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

### The services offered are

1. Urology.
2. Neurosurgery
3. Oncology
4. Plastic Surgery
5. Paediatric Surgery.
  - i. Breast clinic
  - ii. Diabetic foot clinic
  - iii. Endoscopy unit

Basic laparoscopic surgeries are performed. Department of surgery has extended its social service to rural population by health camps, and various services like NSS activities, AIDS awareness program

### Thrust areas:

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

## Teaching Faculty



Faculty members	Designation
Dr.Sreeramulu.P.N.	Professor & HOD
Dr.Mohan Kumar.K	Professor
Dr.A.Bhaskaran.	Professor
Dr.K.Krishna Prasad	Professor
Dr.Shashirekha.C.A.	Assoc. Prof.
Dr.Prakash Dave	Assoc. Prof.
Dr.Asadulla Baig	Asst. Prof.
Dr.Pavan.B.K.	Asst. Prof.
Dr.D.Srinivasan	Asst. Prof.
Dr.Vikranth Suresh Nandurkar	Asst. Prof.
Dr.Ravikiran.H.R.	Asst. Prof.
Dr.Praveen.G.P.	Asst. Prof.
Dr.Amal Abraham	Asst. Prof.
Dr.Naveed Ahmed Khan.R.	Asst. Prof.
Dr.Munireddy.M.V.	Sr. Resident
Dr.Akarsh.Y.G.	Sr. Resident
Dr.Sukanya.M.	Sr. Resident
Dr.Venugopal.K.N.	Sr. Resident
Dr.Naveen.T.K.	Sr. Resident
Dr.Sathish Kumar.B.V.	Sr. Resident
Dr.Balaji.Y.	Sr. Resident
Dr.Nikhil Kumar.K.Oswal	Sr. Resident

1<sup>st</sup> Row (Left to Right): Dr.Mohan Kumar.K., Dr.Krishna Prasad.K., Dr.A.Bhaskaran, Dr.Sreeramulu.P.N., Dr.Shashirekha.C.A., Dr.Prakash Dave.

2<sup>nd</sup> Row (Left to Right): Dr.Sukanya.M., Dr.Amal Abraham, Dr.Naveed Ahamed Khan.R., Dr.Asadulla Baig, Dr.Munireddy.M.V., Dr.Prakash.M., Dr.D.Srinivasan

3<sup>rd</sup> Row (Left to Right): Dr.Spruthi Sanganaboina, Dr.Praveen.G.P., Dr.Raghupathi.S., Dr.Pavan.B.K., Dr.Akarsh.Y.G., Dr.Vikranth Suresh Nandurkar, Dr.Ravikiran.H.R.

4<sup>th</sup> Row (Left to Right): Dr.Sundeep Vogu, Dr.Rami Reddy Medapati, Dr.Amit Mittal, Dr.Nemalidinne Keerthi, Dr.Mohammed Kashif Imman, Dr.Madhu.S.N., Dr.Harsha.R., Dr.Vivek.H., Dr.Suma.S., Dr.Suma.S.,

5<sup>th</sup> Row (Left to Right): Dr.Paul Dhinakaran. M.D.S., Dr.Vikas Sankar.K., Dr.Rahul Singh.R., Dr.Sandeep Reddi, Dr.Karthik Hareen.T.V.K., Dr.Arvind Ramachandran, Mr.Subramani.P., Dr.Dinesh Kumar.S.

### State and national conferences attended

Date	Conference	Name of the faculty
14- 18 Dec 2016	ASI – ASICON 2016. At Mysore university mysore	Dr. P.N. sreeramulu Dr.Krishna Prasad.K., Dr.Shashirekha.C.A, Dr.Prakash Dave, Dr.Srinivasan.D. and 6 final year PGs 4 second year PGs (Dr. Sandeep Reddi, Dr. Amit , Dr. Karthik, Dr. Kashif)
10-12 Feb 2017	KSC ASICON 2017. at KLE university JNMC Belagavi.	Dr.Krishna Prasad.K., Dr.Shashirekha.C.A, Dr. Amit Mittal, Dr Karthik Hareen, Dr. Kashif Imran, Dr. Keerthi, Dr. Sandeep reddy, Dr. Vikas Sankar

### Posters Presented At National Conference Asicon – 2016

Presenting Author	Poster Title
Dr.M.Kumar Raghavendra Varma	A 24 year-old fenake patient with sigmoid Vulvulus: Considering the diagnosis
Dr.Harsha.R.	1) Congenital Cystic Adenomatoid Malformation of the lunug: A Diagnostic Dilemma 2) A Case of Recurrent Gastrointestinal Stromal Tumor (GIST): Case report and review of Literature.
Dr.Vivek.H.	1) A Rare Intracaranial Tumor of Psammomatous Anaplastic Meningioma 2) Bilateral facial nerve palsy following trauma – A Rare case report 3) Idiopathic Thrombosis of Unialteral External Jugular Vein – A rare case report
Dr.Arvind Ramachandran	1) Senile Secretary Carcinoma: A rare case report 2) Maternal blunt trauma requiring splenectomy: A case report and review of literature
Dr.Madhu.S.N.	Pinworm in Acute Appendicitis
Dr.Sandeep Reddi	A Case of Giant Paratubal Cyst: A Rare Case
Dr.Karthik Hareen.T.V.K.	A Rare Case of sebaceous Cyst over the thigh masquerading as squamous cell carcinoma: A Case report and review of literature
Dr.Amit Mittal	A Case report of recurrent metastatic apocrine adenocarcinoma of left hind foot: A rare case
Dr.Mahammed Kashif Imran	Strangulated Richters Inguinal hernia in obstruction: A rare case

### Papers and Posters Presented At State Conference KSC Asicon – 2017

Presenting Author	Poster and Paper Title
Dr. Vikas Sankar K	Comparison of Paraffin Gauze Dressings Versus Silver Impregnated Dressings for Donor Site of Split Thickness Skin Grafting
Dr. Karthik Hareen TVK,	Neutrophil-to-lymphocyte ratio in diagnosing acute cholecystitis: A Retrospective Cohort Study in a Tertiary Rural Hospital
Dr. Sandeep Reddi	Surgical Management of Anal Fissure versus Glyceril Trinitrate Ointment: a comparative prospective study
Dr. Vikas Sankar K <sup>1</sup>	Effectiveness of transdermal Nsaid Administration in Analgesia for Rib Fracture Patients – A Comparative study with intravenous nsaid Administration.
Dr. Nimalidinne Keerthi	Clinical Efficacy of two Antimicrobials (Ceftriaxone and Metronidazole) Versus three Antimicrobials (Ceftriaxone, Metronidazole and Amikacin) in Perforative Peritonitis
Dr. Mohammed Kashif Imran	The Efficacy of Combined Serum Bilirubin and serum C-reactive protein preoperatively in predicting the Diagnosis of Acute Appendicitis
Dr. Amit Mittal	Histopathological Grade Versus Estrogen and Progesterone Receptor status in Carcinoma Breast – A Single center study from Kolar.
Dr. Vikas Sankar K,	Ileo Ileal Intussusception Without Nidus in Adult With Ileal Perforation: A Case Report and Review of Literature
Dr. Nimalidinne Keerthi	Plexiform Neurofibromatosis: Our Experience at Rural Setup with Review of Literature
Dr. Mohammed Kashif Imran	Gastrointestinal Stromal Tumour at an Unusual Site Jejunum: A Rare Case Report
Dr. Amit Mittal	A Case of Isolated Cysticercosis of Arm with Review of Literature
Dr. Sandeep Reddi	Trans Mesenteric Hernia Containing Distal Ileum Internal Abdominal Hernia: a rare case report

**Research projects (On going / Subjected to ethical committee approval)**

<b>Investigator</b>	<b>Co-Investigator</b>	<b>Title</b>
Dr.P.N.Sreeramulu	Dr.C.D.Dayanand	Serum Phospholipase A2 As Maker of Acute Appendicitis
Dr.P.N.Sreeramulu	Dr.Naveed Ahmed Khan.R. Dr.C.D.Dayanand	The Utility of Serum Bilirubin as a Marker in Acute Abdomen
Dr.Prakash Dave	Dr.P.N.Sreeramulu	Fluorescence Guided Surgery- A Comparative Study of Efficacy of Intraoperative Fluorescent Cholangiography Illuminating the Biliary Tree during Laparoscopic Cholecystectomy with Pre-operative Radiologic Cholangiography.
Dr.Naveed Ahmed Khan.R.	Dr.P.N.Sreeramulu	Role of Procalcitonin as a Diagnostic Marker in Appendicitis
Dr.Srinivasan.D.	Dr.P.N.Sreeramulu	Radiofrequency Ablation Therapy for Varicose Veins Versus Surgery.
Dr.Shashirekha.C.A.	Dr.Ravikiran.H.R. Dr.Vikas Sankar.K.	Inguinal hernia and genetic predisposition- A single center experience
Dr.Shashirekha.C.A.	Dr.Ravikiran.H.R. Dr.Rahul Singh.R.	The Accuracy and Predictability of Tzanaki's Scoring System in the Diagnosis of Acute Appendicitis
Dr.Krishna Prasad Kamisetty	Dr.Amal Abraham Dr.Sandeep Reddi	Topical Calendula Officinalis an adjunct in the Management of Non-Healing and Delayed-Healing Ulcers
Dr.Krishna Prasad K	Dr.Praveen.G.P. Dr.Amal Abraham Dr.Sundeep Vogu	Ancient ayurvedic practice Kshara sutra (Medicated Seton) for haemorrhoids and fistula-in-ano; rediscovered.
Dr.Praveen.G.P.	Dr.Krishna Prasad Kamisetty Dr.Amal Abraham	Intraoperative lavage in secondary peritonitis: comparison between normal saline and metronidazole.
Dr.Ravikiran.H.R.	Dr.Shashirekha.C.A. Dr.Vikas Sankar.K.	Effect of postoperative supplemental oxygen therapy on surgical site infections in emergency general surgical procedures.
Dr.Vikranth Suresh Nandurkar	Dr.Mohan Kumar.K	Diathermy Versus Scalpel Incisions in Elective Abdominal Surgery – A Comparative Study
Dr.Sukanya.M.	Dr.Shashirekha.C.A. Dr.Dinesh Kumar	Study of Vascular and Neurological Status in Diabetic Patients with Foot Ulcer and without Foot Ulcer – A Comparative study
Dr.Asadulla Baig	Dr.Akarsh	Assessment of Plasma Ghrelin and leptin levels in patients with peptic ulcer and gastritis following eradication of Helicobacter pylori infection
Dr.Pavan.B.K.	Dr.Asadulla Baig	Use of Methylene blue during Laparoscopic Cholecystectomy for better Visualization and Identification of the Biliary Structures

Dr.A.Bhaskaran	Dr.Pavan.B.K.	Clinical outcome of open incisional hernia repair with light weight and conventional mesh – A Comparative study
Dr.Amal Abraham	Dr.Krishna Prasad Kamisetty Dr.Praveen.G.P.	Assessment of Relationship of Chemical Composition of Gall Stones with Relation to Age, Gender, Domicile & Plasma Lipid Concentration and its complications.
Dr.Raghupathi.S.	Dr.Prakash.M.	A Clinical Study of Complications of peptic Ulcer Disease in the era of proton pump inhibitors
Dr.Krishna Prasad.K	Dr.Sandeep Reddi	Circulating tumor cells in metastatic and non-metastatic tumors: a comparative prospective study

**MD/MS Dissertations / Ph.D. thesis:**

<b>Name of the student</b>	<b>Topic</b>	<b>Guide</b>
Dr.Suma	PLA2 activity and hsCRP levels in comparison with HPE in acute appendicitis	Dr.P.N.Sreeramulu
Dr Paul Dinakaran	Comparison of ALVARIDO SCORE vs RIPASA SCORE in diagnosis of acute appendicitis	Dr.A.Bhaskaran
Dr. Spurthi	Comparison between peritoneal lavage with normal saline and betadine in peritonitis	Dr. Mohan Kumar.K
Dr. Dinesh	Frequency of helicobacter pylori infection in perforated peptic ulcer in a tertiary rural center	Dr. prakash dave
Dr. Sundeep Vogu	Comparison between harmonic scalpel and monopolar cautery in hemorrhoidectomy	Dr.Krishna Prasad.K
Dr. Rahul	A randomized controlled trail to study surgical site infections using Triclosan coated and Non Triclosan coated suture materials	Dr Shashirekha.C.A.

**Publications:**

<b>Paper Title</b>	<b>Author</b>	<b>Journal</b>
Study of Road Traffic Accidents Arriving in Emergency Department at A Rural Hospital Adjacent to National Highway	Sreeramulu Srinivasan	IOSR Journal of Dental and Medical Sciences Vol.15, Issue 11, Ver. 9, November 2016
Research Article – A Prospective study on intraperitoneal antibiotic lavage for trauma patient undergoing laparotomies to reduce incidence of infection	Krishna Prasad.K. Arvind Ramadhandran, Praveen.G.P. Amal Abraham	International Journal of Current Research Vol.8, Issue, 07 July 2016
Full Length Review Article - Idiopathic Thrombosis of Unilateral External Jugular Vein	Krishna Prasad.K. Vivek.H., Praveen.G.P. Munireddy, Sandeep Reddi	IJDR International Journal of Development Research Vol.6, Issue, 07 July 2016
A Rare Case of Giant Penile Urethral Calculus	Krishna Prasad.K. Keerthi.N, Praveen.G.P. Amal Abraham	International Journal of Science and Research Vol.5, Issue 9, September 2016
Review Article – Nodular fasciitis of hand: a handy review	Praveen.G.P. Amal Abraham Krishna Prasad.K. Ravikiran.H.R. Shashirekha.C.A	International Surgery Journal October-December 2016 Vol. 3, Issue 4
A Rare Case of Nodular Fasciitis of Hand – Case study and Review of Literature	Krishna Prasad.K. Karthik Hareen.T.V.K, Praveen.G.P. Amal Abraham	International Journal of Science and Research Vol.5, Issue 7, July 2016
Omental Infarction: A Broad View	Praveen.G.P. Krishna Prasad.K. Amal Abraham, Munireddy	JMSCR Vol.4, Issue 1, January 2016
Research Article – Pneumoperitoneum Secondary to Pneumothorax in a Ventilated Child	Anand.M, Vivek.H. Mohan Kumar.K. Sreeramulu.P.N.	International Journal of Current Innovation Research, Vol.2, Issue 9, September 2016
Case Report – Pantaloon Hernia: Obstructed Indirect Component and Direct Component with Cryptorchidism	Mohan Kumar.K, Vivek.H, Ashwini Rajareddy.K. Vivekanand	Hindawi Publishing Corporation Case Reports in Surgery, Volume 2016,(Accepted 22 May 2016)

Research Article – Surgical Presentations with abdominal pain in dengue fever	Shashirekha.C.A Sreeramulu.P.N Ravikiran.H.R. Pawan Katti	International Surgery Journal, April-June 2016, Vol.3, Issue 2.
Research Paper - Evaluation of C-Reactive Protein Level and Total Leucocyte Count in Acute Appendicitis	Prashanth.K.Dhannur, Sreeramulu.P.N.	IJSR – International Journal of Scientific Research, Vol.5, Issue 1, April 2016
Research Article – Evaluation of Fournier’s gangrene severity index in the management of Fournier’s gangrene: a retrospective study	Shashirekha.C.A Pramod.T.,Nagaraj.K.N., Harish Kumar, Rakesh.N.	International Surgery Journal, January-March 2016, Vol.3, Issue 1.
Research Article – A Study on clinical profile of patients with gastric ulcer perforation	Ramesh.M.Krishnamurthy, Praveen.G.P., Niyaz Ahmed(BMC)	SAS Journal of Surgery, Vol.2, Issue 3, (May-June 2016)
Original Research Article – Serum Pepsinogen I and pepsinogen II levels and its ratio in patients with gastric cancer: a case control study	Amal Abraham, Girish.T.U Santosh Raja Erabati,	International Surgery Journal, January 2017, Vol.4, Issue.1
Clinical study of Carcinoma Thyroid and its Management	T.Pramod B.S.Shivaswamy, G.Ananth, G.Rajashekhara Babu K.Latha	International Journal of Scientific Study, January 2016, Vol.3, Issue 10
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.Munireddy, H.Girish, K.Krishna Prasad Harsha Rajareddy	International Journal of Scientific Study, February 2016, Vol.3, Issue 11
Surprises encountered during exploration of inguinal and femoral hernia – A case series and literature review	PN Sreeramulu Harsha.R. Prajeet.R.	JMCR, 2016, Vol.4
Combined TURP with bladder stone removal: in management of infravesical obstruction and large, multiple bladder stones	Madhu.S.N. PN Sreeramulu Girish.H. Ratkal.CS	JMCR, 2016
A Case of Isolated Cysticercosis of Arm with Review of Literature	Krishna Prasad, Amit Mittal, Dinesh Kumar	JSM Clin Case Rep 4(5): 1116( 2016)
Research Article - Audit on Method of male Urethral Catheterization and its Management in a Tertiary care centre, of South India	Vivek Harihar, Rathal Chandrashekar, Mohan Kumar, Girish	International Journal of Current Innovation Research, Vol.2, Issue 12, December 2016.
Scar Endometriosis: Our Experience at Rural Setup with Review of Literature	Sreeramulu.PN, Keerthi.N.	International Journal of Science and Research

		Vol.5 Issue 9 September 2016
Plexiform Neurofibromatosis: Our Experience at Rural Setup with Review of Literature	Keerthi.N, Sreeramulu.PN, Rakesh.N, Harsha.R	Research & Reviews: Journal of Surgery Vol.5 Issue 2 2016
A Comparison of complications between Laparoscopic Appendicectomy and open appendicectomy	Shashirekha.CA, Ravikiran.HR, Sankar Vikas, Krishna Prasad.K, Sreeramulu.PN, Sathanantham Dinesh Kumar	SDRP Journal of Anesthesia & Surgery Vol.2, Issue 1, January 2017
Serum pepsinogen I and pepsinogen II levels and its ratio in patients with gastric cancer: a case control study	Amal Abraham Girish.TU BJ.Sharathchandra Subbarao.V	International Surgery Journal, Vol 4, Issue-1, January 2017
Recurrent Malignant Phyllodes Tumour of the Breast with Liposarcomatous Differentiation: A Rare Case Report and Review of Literature	M.Kumara Raghavendra Varma, Prof.A.Bhaskaran, B.K.Pavan, Asadulla	Journal of Medical Science and Clinical Research Vol.5, Issue 2 February 2017 Baig
Squamous Cell Carcinoma at an Unusual Site – A Rare Case Report	M.Kumara Raghavendra Varma, Prof.A.Bhaskaran, B.K.Pavan, Asadulla Baig	Journal of Medical Science and Clinical Research Vol.5, Issue 2 February 2017
Vacuum-Assisted Closure Versus Conventional Dressing in the Management of Diabetic Foot Ulcers: A Prospective case – Control Study	M.Kumara Raghavendra Varma, Prof.A.Bhaskaran, Asadulla Baig B.K.Pavan, Akarsh.Y.G.	Journal of Medical Science and Clinical Research - Acceptance in Jan.2017
The Effectiveness of Honey Vs Saline Dressing in Diabetic Wounds: A Prospective study	Arvind Ramachandran, Shashirekha.C.A, Sreeramulu.PN, Mohan Kumar.K, Bhaskaran.A, Krishna Prasad.P.	JMSCR Vol. 05, Issue 02, Feb. 2017
Single Vs Double Layered Intestinal Anastomosis: A Comparative Study	Arvind Ramachandran, Shashirekha.C.A, Sreeramulu.PN, Mohan Kumar.K, Bhaskaran.A, Krishna Prasad.P.	JMSCR Vol. 05, Issue 02, Feb. 2017
Malignant Peripheral Nerve Sheath Tumor: A Rare Case and Review of Literature	Shashirekha.C.A, Arvind Ramachandran, Ravikiran.H.R.	JMSCR Vol. 05, Issue 02, Feb. 2017
Management of 28 Weeks of Gestation with Traumatic Splenic Rupture	Sheela SR, Shashirekha CA, Ashritha R, Sreeramulu PN	2017 Journal of Case Reports

		Vol. 7, No.1, Jan-March 2017
Epidermal Inclusion Cyst of the Breast	Dr Raghupathi S, Dr Suma.S, Dr Prakash, Prof. P N Sreeramulu	JMSCR Vol. 05, Issue 03, March 2017
A Rare Case of Gastric Perforation and Acute Appendicitis – Case Report	Dr Raghupathi S, Dr Prakash, Prof. P N Sreeramulu, Dr Suma S	JMSCR Vol. 05, Issue 03, March 2017
Proliferating Trichilemmal Tumor – Case Report	Dr Raghupathi.S, Dr Prakash, Dr Suma.S, Prof.P N Sreeramulu	JMSCR Vol. 05, Issue 03, March 2017
Helicobacter in Biliary Calculus Disease: Histopathological and Serological Association in a Rural Population of Southern India	Sreeramulu.PN, Harish Kumar, Karthik Hareen TVK Srinivasan.D	Open Access Journals of Surgery, 3(2) March 2017
Epidermal Cyst in the Breast: A Diagnostic Dilemma	PN Sreeramulu, Naveed Ahmed Khan, D.Srinivasan, K.Gopinath	Indian Journal of Surgical Oncology March 2017
Isolated Perforation of Ascending Colon Following Blunt Abdominal Trauma: Case Report with Review of Literature	Sathanantham DK, Amit Mittal, Sreeramulu PN, Srinivasan, Aishwarya.MS	Austin Publishing Group 2(1):id1014(2017)

**VISION:**

**“Aim for Disability Free Society”**

**INTRODUCTION:**

The department of orthopedics was established at Sri R.L.Jalappa Hospital in 1986 with 3- Units and each unit is headed by a professor.

Junior staff strength is adequate. 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 bed strength of 100 and an occupancy rate of 75-80 %. 10-15 major and minor surgeries are carried on an average per days.

Apart from routine academic activities for U.G & P.G. students through clinical case demonstrations, Theory classes, Tutorials and Seminars demonstration of rare surgeries are done through video demonstration for postgraduates. 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 department has got all emergency facilities to manage any polytrauma case.

- Thrust Areas identified
  - Anterior and Posterior cruciate ligament reconstruction
  - Meniscal surgeries
  - Total hip replacement

**Teaching Faculty-**



**Sitting (L To R):** Dr. Prabhu E Dr. Arun H. S, Dr. D. Satya Rup, Dr. Shaik Nazeer, Dr. Siddaram N. Patil, Dr. Nagakumar J. S, Dr. Hari Prasad S.

**Standing (Middle Row L To R):** Dr. Vaibhav. B, Dr. Prathap P, Dr. Nuka Sri Charan Reddy, Dr. Sagar. V, Dr. Srinivas. P, Dr. Prabhuling Reddy, Dr. Mahesh kumar, Dr. Anilkumar S. V, Dr. Ranganath K. V.

**Standing (Middle Row L To R):** Dr. Sachindra, Dr. Keshavamurthy. D, Dr. Chirra Chakradhar Reddy, Dr. N. Rajya Lakshmi Reddy, Dr. Wayal Utkarsh Ashok, Dr. Vaibhav Mittal, Dr. Sreejith Thampy. J, Dr. Umesh. M

**Standing (Top Row L To R):** Dr. Ayanaksha, Dr. Jishnu. Dr. Abhishek Yadav, Dr. Harsha. M, Dr. Sarath Chandra. P, Dr. Sagar, Dr. Prathap U S, Dr. Ronak, Dr. Abhimanyu Singh.

Name of the consultants	Designation
Dr.Arun.H.S	Prof&HoD
Dr.Satya Rup Dasanna	Professor
Dr.Manohar.P.V	Professor
Dr.Siddaram.N.Patil	Professor
Dr.B.Shaikhnazeer	Assoc. Professor
Dr.Nagakumar.J.S	Assoc. Professor
Dr.Prabhu.E	Asst. Professor
Dr.Hariprasad.S	Asst. Professor
Dr.Anilkumar.S.V	Asst. Professor
Dr.P.Srinivas	Asst. Professor
Dr.Sagar.V	Asst. Professor
Dr.MaheshKumar.Nallabothula	Asst. Professor
Dr.K.V.Ranganath	Lecturers/ Residents
Dr.PrabhulingreddyPatil	Lecturers/ Residents
Dr.Narendra	Lecturers/ Residents
Dr.Nuka Sri Charan Reddy	Jr. Residents/ Tutors
Dr.Parvataneniprathap	Jr. Residents/ Tutors
Dr.Chakradhar	Jr. Residents/ Tutors
Dr.Vaibhavbhadbhade	Jr. Residents/ Tutors
Dr.N.Rajya Lakshmi Reddy	Jr. Residents/ Tutors
Dr.MizanRahman	Jr. Residents/ Tutors
Dr.SachindraNayakKapadi	Jr. Residents/ Tutors
Dr.WayalUtkarshaAhok	Jr. Residents/ Tutors
Dr.JishnuJonnalagadda	Jr. Residents/ Tutors
Dr.PammiKarthik Reddy	Jr. Residents/ Tutors
Dr.Vaibhav Mittal	Jr. Residents/ Tutors
Dr.AyanakshaMallick	Jr. Residents/ Tutors
Dr.SreejithThampy.J	Jr. Residents/ Tutors
Dr.AbhishekYadav	Jr. Residents/ Tutors
Dr.MadamanchiHarsha	Jr. Residents/ Tutors
Dr.Umesh.M	Jr. Residents/ Tutors
Dr.Abhimanyu Singh	Jr. Residents/ Tutors
Dr.Sarath Chandra Poodi	Jr. Residents/ Tutors

**Details of programmes conducted/attended as below:**

DATE	CME Programmes Conducted
29 <sup>th</sup> Sept.2016	CME On ACL Reconstruction- Recent Advances

DATE	Conference Attended	Name of the faculty
29 – 30 Jul 2016	Participated as a delegate during Arthro Bengaluru conference.	Dr.Arun.H.S
25 – 27 Nov 2016	Participated as a delegate during 3 <sup>rd</sup> Annual conference of Karnataka arthroscopy state conference 2016 at NIMHANS convention centre, Bengalure.	Dr.Arun.H.S Dr. Siddaram.N.Patil

3-5 Feb 2017	Participated as delegates during 41 <sup>st</sup> Annual Conference of Karnataka Orthopaedic Association 2017 at, Hubballi.	<ol style="list-style-type: none"> <li>1. Dr.D.Satyarup</li> <li>2. Dr.Nagakumar.J.S</li> <li>3. Dr.Prabhu.E</li> <li>4. Dr.Hariprasad.S</li> <li>5. Dr.Anilkumar.S.V</li> </ol> Final year PG's  <ol style="list-style-type: none"> <li>1. Dr.Nuka Sri Charan Reddy</li> <li>2. Dr.Vaibhav.B</li> <li>3. Dr.WayalUtkarsh</li> <li>4. Dr.Vaibhav Mittal-6.</li> <li>Dr.Jishnu.J</li> </ol>
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DATE	Workshops Conducted
29 Sep 2016	Workshop ‘‘Graft Harvesting and Preparation’’

DATE	Workshops Attended	Name of the faculty
19 Feb 2017	Participated as a faculty's in the Lower Limb Trauma-Update & PelviAcetabular hands on workshop at RDT Hospital Bathalapalli. Andhra Pradesh.	<ol style="list-style-type: none"> <li>1. 1.Dr.Arun.H.S</li> <li>2. 2.Dr.Anilkumar.S.V</li> </ol>

DATE	Paper presented : Paper presentation	Name of the faculty
9 – 11 Sep 2016	Participated as a delegate during Orthopaedic association of south indian states conference 2016 Held on Sept 9 <sup>th</sup> -11 <sup>th</sup> .Guntur AP. Study of incidence of heterotrophic ossification post TKR.	-Dr.Jishnu.J

DATE	Paper presented: Poster presentation	Name of the faculty
3 – 5 Feb 2017	41 <sup>st</sup> Annual Conference of Karnataka Orthopaedic Association 2017 at Hubballi . Rickets Alopecia Syndrome -A rare case.	Dr.Vaibhav Mittal
3 – 5 Feb 2017	41 <sup>st</sup> Annual Conference of Karnataka Orthopaedic Association 2017 at Hubballi. Use of mega prosthesis for 2 months old open distal femur fracture with bone loss and comminuted patella fracture treated with external fixator and patellectomy - a case report	Dr. Ayanaksha Mallick

3 – 5 Feb 2017	41 <sup>st</sup> Annual Conference of Karnataka Orthopaedic Association 2017,Hubballi. Case of harmartoma of great toe of left foot	Dr.Jishnu.J
3 – 5 Feb 2017	41 <sup>st</sup> Annual Conference of Karnataka Orthopaedic Association 2017 at,Hubballi. Myxoidliposarcoma of heel, an unusual growth over heel.	Dr.UtkarshaWayal

#### Research projects (Completed):

Title of the research project	Principal Investigator & Co Investigator
Management of Distal one third fractures of tibia with IMIL nailing	Dr. N.SriCharan Reddy Prof. B.Shaikh Nazeer
Surgical management of middle third fractures of clavicle treated with locking compression plate	Dr. ParvathaneniPrathap Prof. Arun.H.S
A Study on surgical outcome of fracture both bones forearm using locking compression plate	Dr. C Chakradhar Reddy Prof B.Shaikh Nazeer
Surgical management of proximal humerus fracture using PHILOS plate	Dr.VaibhavBhadbhade Prof. Siddaram.N.Patil
Evaluation of the functional outcome of total knee replacement in rural population	Dr. N. Rajyalakshmi Reddy Prof. Arun.H.S
Role of austinmoore prosthesis in intracapsular fracture neck of femur in elderly	Dr.MizanurRahmanDr.Nagakumar.J.S
Randomised controlled trial of periarticularinjection of steroid for peri arthritis of shoulder	DrSrinivasPandurangaiah

#### Research projects (On going):

Title of the research project	Principal Investigator & Co Investigator
A study of short term outcome of total hip arthroplasty in patients with fracture neck of femur	Dr.SachindraNayakKapadi Prof.Arun.H.S
A prospective study of outcome of Inter trochanteric fracture of femur treated with DHS locking plate.	Dr.Jishnu.J Prof.B.Shaikh Nazeer
A prospective study of outcome of surgical management of patients with lumbar disc herniation treated with microdisectomy	Dr.Karthik.P Dr.Nagakumar.J.S
A study of functional outcome of subtrochanteric femur fractures using proximal femoral nail in tural population	Dr.WayalUtkarsha Ashok Prof.Manohar.P.V
A prospective study on treatment of Congenital talipesequinovarus deformity by Ponseti's cast application technique.	Dr. Ayanaksha Mallick Prof. Arun H.S. (Guide)

A prospective study on treatment of fractures of lower limb long bones treated with TENS NAILING in children.	Dr.Vaibhavmittal Prof.Siddaram.N.Patil
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### Research projects:

Title of the research project	Principal investigator	Co Investigator
Functional outcome of intraarticular distal end radius fracture treated with variable angle volar locking plate	Dr.Arun H.S	Dr.Keshavamurthy.D
Plantar fasciitis treatment: what are better, Oral nonsteroidal anti-inflammatory agents or locally injectablesteroid?	Dr.Nagakumar.J.S Dr.Arun.H.S	Dr.Vaibhavmittal Dr.WayalUtkarsha
Supracutaneous LCP as external fixator in Compound fracture Tibia Type II, II A, and III B.	Dr.Siddaram.N.Patil	Dr.KhairnarSagar Ashok

### Research Proposals projects (New):

Title of the research project	Principal investigator	Co Investigator
A short term MRI assessment and functional outcome of intra-articular platelet rich plasma (PRP) injection in early ostrarthritis of knee-An open label, parallel group randomized control trial.	Dr.Hariprasad.S(orthopaedics)	Dr.Prabhulingareddy Patil (Orthopaedics) Dr.Asha (Pharmacology) Dr.Hemalatha (Pathology) Dr.Naveen (Radiology) Dr.Sharath (Genetics) Dr.Mahesh (Comminuty medicine)
Serum lactate- an indicator of morbidity and mortality in trauma patients.	Dr.Sagar.V(Orthopaedics) Dr.Prabhu.E(Orthopaedics)	Dr.Keshava Murthy.
Randomised Controlled Trial of Periarticularinjection of steroid for Periarthritis of shoulder.	DrSrinivasPandurangaiah	

**MD/MS Dissertations/Ph.D. thesis (2016-17batch):**

<b>Name of the student</b>	<b>Guide</b>	<b>Topic</b>
Dr.SreejithThampy.J (MS)	Dr.Arun.H.S	Aprospective study of study of functional outcome in midshaft clavicle fracture trated with tens.
Dr.Abhimanyu Singh (M.S)	Dr.Nagakumar.J.S	To study the functional outcome of fractures neck of femur managed by cannulatedcancellous screw fixation.
Dr.Umesh.M (M.S)	Dr.Siddaram.N.Patil	The effect of zoledronic acid in patients with chronic back pain associated with vertebral osteoporosis.
Dr.AbhishekYadav(M.S)	Dr.Siddaram.N.Patil	Study of the functional outcome of open tibial fractures treated using a locking compression plate as an external fixator.
Dr.MadamanchiHarsha(M.S )	Dr.B.Shaikh Nazeer	Study of efficacy of bone marrow injection in delayed union of the fractures of lower limb.
Dr.Sarsth Chandra Poodi(M.S)	Dr.Arun.H.S	Functional outcome of modular cemented bipolar prosthesis in unstable intertrochanteric fractures in elderly patients in a rural population.
Mr.T.Suresh M.Phil.	Dr.A.V.MoideenKutty Prof.,Dept of Biochemistry Dean, Faculty of AHS,SDUAHER	Association between PTPN22 gene polymorphism and rheumatoid arthritis: A study at tertiary care hospital, Kolar
KavithaRani.N M.P.T	Dr.Arun.H.S Prof & HOD	Effects of dry needling in osteoarthritis of knee joint.

**Publications (April 2016 toMarch 2017):**

<b>Title of the paper</b>	<b>Author</b>	<b>Journal</b>	<b>Department</b>
An interventional study of physical activity on HbA1c and VO2 Max in type 2 diabetes mellitus.	VineethaVittal Vinutha Shankar Karthiyaneekutty S.V.Anilkumar	Vineetha Vittal1, Vinutha Shankar1, Karthiyanee Kutty1 and S. V. Anil Kumar2. An Interventional Study of Physical Activity on HbA1C and VO2max in Type 2 Diabetes Mellitus. Indian Journal of Physiology and Pharmacology. 2016 Jan-Mar; 60(1): 76-81.	Orthopaedics Physiology

A comparative study of skeletal fluorosis among adults in two study areas of Bangalore taluk, kolar.	M.N.Shruthi Anil NavaleSanthuram, H.S.Arun B.N.Kishorekumar	A comparative study of skeletal fluorosis among adults in two study areas of Bangarpet taluka Kolar.  <u>Shruthi MN<sup>1</sup>, Santhuram AN<sup>2</sup>, Arun HS<sup>3</sup>, Kishore Kumar BN<sup>4</sup>.</u> <u>Indian J Public Health.</u> 2016 Jul-Sep;60(3):203-9. doi: 10.4103/0019-557X.189014.	Orthopaedics
Functional outcome in surgical management of Bi-malleolar fractures in adults	PravataneniPrathap, Arun.H.S Anveshkondlapudi Hariprasad.S	Functional outcome in surgical management of Bi-malleolar fractures in adults Dr. Parvataneni Prathap, Dr Arun HS, Dr. Anvesh Kondlapudi and Dr. Hariprasad S International Journal of Orthopaedics Sciences 2016; 2(4): 72-76	Orthopaedics
How common it is? How often we miss it?	Anilkumar.S.V Nagakumar.J.S ParvataneniPrathap and Manihar.P.V		Orthopaedics
Functional outcome in surgical management of midshaft clavicle fractures fixed with precontoured plate in adults.	PrabhuEthiraj ParvataneniPrathap Arun.H.S Nagakumar.J.S	Functional outcome in surgical management of midshaft clavicle fractures fixed with precontoured plate in adults Dr. Prabhu Ethiraj, Dr. Parvataneni Prathap, Dr. Arun HS and Dr. Nagakumar JS International Journal of Orthopaedics Sciences 2016; 2(4): 458-462	Orthopaedics
A prospective study of fracture nonunion of clavicle managed by internal fixation with or without bone grafting.	K.V.Puttakemparaju PandurangaiahSrinivas Ramachandra Karan Shetty	KV Puttakemparaju, Srinivas P, Ramachandra S, Karan Shetty. Prospective study of fracture nonunion clavicle managed by internal fixation with or without bone grafting.OA Orthopaedics 2016	Orthopaedics
A clinical study of Ilizarov technique in infected nonunion of fracture shaft of tibia.	PrabhuEthiraj, Shivanand M Dodamani and Samarth Arya.	A clinical study of Ilizarov technique in infected non union of fracture shaft of tibia Dr. Prabhu Ethiraj, Dr. Shivanand M Dodamani and Dr. Samarth Arya International Journal of Orthopaedics Sciences 2016; 2(4): 77-80	Orthopaedics
Results of sever-L Episcopo procedure	KarthiSunder.V Anilkumar.S.V	Karthi Sunder V, Anil Kumar SV. Results of Sever- L'	Orthopaedics

for obstetric for obstetric brachial plexus palsy.		Episcopo procedure for obstetric brachial plexus palsy. Int J Res Orthop 2017;3:50-3.	
Credibility of locking plate in treatment of distal end radius fractures with intra articular extension.	ParvataneniPrathap Arun.H.S BuddaiNagarjun	Credibility of locking plate in treatment of distal end radius fractures with intra articular extension Dr. Parvataneni Prathap, Dr. Arun HS and Dr. Buddai Nagarjun International Journal of Orthopaedics Sciences 2017; 3(2): 774-778	Orthopaedics



## DEPARTMENT OF OPHTHALMOLOGY

### VISION:

- To excel through compassion and technical competence.

### INTRODUCTION:

The Department 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 Department has sub-specialties like Cornea, Glaucoma, Squint, Retina, Oculoplasty and Neuro-Ophthalmology 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. All patient's attending Diabetic center, Kolar are screened for Retinopathy and other eye diseases. To improve the knowledge and skill of student's 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:

- Main focus is on Community Ophthalmology, Cataract surgeries, Glaucoma, Diabetic retinopathy.
- Post graduate residents presently with their on-going research projects- 8.

### 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 1<sup>st</sup> Row from L to R:

Mrs. E. Devamani, Dr. Kavya, Dr. Nandhini. K, Dr. Chirrareddygar Meghana, Dr. Prachi Singh, Dr. Bhavya Reddy, Dr. Gona Soujanya, Dr. Kalijavedu Sravya.

#### Standing 2<sup>nd</sup> Row from L to R:

Dr. Yasam Raghavendra Reddy, Dr. Borra Harish Laxman, Dr. Prashanth. B, Dr. Shrey Maheshwari, Dr. Dildar Singh, Dr. Darshan. S.M, Dr. Shashidhar H.N, Mr. Raja. R, Dr. Nuthan Babu. B

**Teaching Faculty:**

Name of The Faculty	Designation
Dr. K. Kanthamani	Professor & Head
Dr. M.S. Padma Jothi	Professor
Dr. Sangeetha. T	Assistant Professor
Dr. Usha. B.R	Assistant Professor
Dr. Rashmi. G	Assistant Professor
Dr. Chaitra. M C	Senior Resident
Dr. Inchara. N	Senior Resident

**CME conducted on “Newer Investigative Modalities in Glaucoma” on March 10th 2016.**

Date	CME attended	Name of the faculty
6 - 8 Aug 2016	‘Vein Symposium’ 2016 held at Shangri-la hotel, Bangalore by Narayana Nethralya.	Dr. K. Kanthamani Dr. Sangeetha. T Dr. Shrey Maheshwari Dr. Bhavya Reddy Dr. Prashanth. B Dr. Dildar Singh Dr. Kavya Dr. Borra Harish Laxman Dr. Reshma Ravindra
30 Aug 2016	‘Basics in Ophthalmology With Recent Trends’ held at Dr. B.R.Ambedkar Medical College, Bangalore.	Dr. Shrey Maheshwari Dr. Bhavya Reddy Dr. Prashanth. B Dr. Dildar Singh Dr. Kavya Dr. Shashidhar.H.N
21 Oct 2016	‘Strabismus’ 2016 at Mandya.	Dr. Reshma Ravindra Dr. Darshan S M Dr. Yasam Raghavendra Reddy Dr. Nandhini K
Date	Conferences attended	Name of the faculty
18 – 11 Nov 2016	Karnataka Ophthalmic Society Conference held at Udupi.	Dr. K. Kanthamani Dr. Sangeetha. T Dr. Rashmi. G Dr. Reshma Ravindra Dr. Darshan S M Dr. Yasam Raghavendra Reddy Dr. Nandhini K Dr. Kavya Dr. Shashidhar.H.N
16 – 19 Feb 2017	75 <sup>th</sup> All India Ophthalmological Society Conference 2017 held at Jaipur.	Dr. Sangeetha. T, Dr. Reshma Ravindra Dr. Darshan. SM Dr. Yasam Raghavendra Reddy Dr. Nandini. K Dr. Prachi Singh

<b>Date</b>	<b>Workshops attended</b>	<b>Name of the faculty</b>
4 Aug 2016	“Basic ICH Good clinical practice training program” at SDUMC	Dr. K. Kanthamani Dr. Chaitra. M.C Dr. Inchara. N
11 Aug 2016	“Cardio Pulmonary Cerebral Resuscitation” at SDUMC	Dr. K. Kanthamani Dr. Chaitra. M.C

<b>Date</b>	<b>Papers presented: Oral presentation</b>	<b>Name of the faculty</b>
18 Nov 2016	Prevalence and Awareness of Computer Vision Syndrome.	Dr. Sangeetha. T Dr. Kanthamani. K Dr. Darshan S. M
18 Nov 2016	Prevalence of Diabetic Retinopathy in Patients With Proteinuria.	Dr. Sangeetha. T Dr. Kanthamani. K Dr. Bhavya reddy
18 Nov 2016	Comparison of Autologous Fibrin Versus Sutures in Conjunctival Limbal Autografting Following Pterygium Excision	Dr. Kanthamani. K Dr. Yasam Raghavendra reddy
19 Nov 2016	Comparison of Visual Outcome and Complications Between Small Incision Cataract Surgery and Phacoemulsification in Cataract Patients with Pseudoexfoliation.	Dr. Kanthamani. K Dr. Sangeetha. T Dr. Shashidhar. H
19 Nov 2016	Percentage of Small Pupil in Pseudoexfoliation Patients Attending a Tertiary Care Hospital.	Dr. Kanthamani. K Dr. Usha. B. R Dr. Reshma Ravindra

<b>Date</b>	<b>Papers presented: Poster presentation</b>	<b>Name of the faculty</b>
19 Nov 2016	Blepharophimosis, Ptosis, Epicanthus Inversus Syndrome –A Case Report.	Dr. Kanthamani. K Dr. Sangeetha. T Dr. Shashidhar. H
19 Nov 2016	A Rare Case of Unilateral Eales Disease.	Dr. Kanthamani. K Dr. Yasam Raghavendra reddy
19 Nov 2016	Visual Outcome in Herpes Zoster Optic Neuritis.	Dr. Sangeetha. T Dr. Kanthamani. K Dr. Kavya
19 Nov 2016	Ocular Surface Squamous Neoplasia –A Case Report	Dr. Sangeetha. T Dr. Kanthamani. K Dr. Darshan S. M
19 Nov 2016	Ophthalmomyiasis Externa	Dr. Reshma Ravindra Dr. Ranjitha C.S Dr. Kanthamani. K

### Research projects (completed)

<b>Title of the research project</b>	<b>Principal Investigator &amp; Co Investigator</b>
Prevalence of Astigmatism in Cataract Patients.	Dr. Kanthamani. K
Intraoperative Complications During Cataract Extraction in Hyperature Cataract.	Dr. Padmajothi. M.S

### Research projects

<b>Title of the research project</b>	<b>Principal Investigator &amp; Co Investigator</b>
Prevalence and Awareness of Computer Vision Syndrome.	Dr. Sangeetha. T
Prevalence of Diabetic Retinopathy in patients with Proteinuria.	Dr. Sangeetha. T
Prevalence of Strabismus in School Children in Kolar	Dr. M.S. Padmajothi
Evaluation of Visual Acuity in Drivers in Kolar district.	Dr. M.S. Padmajothi
Prevalence of Dry eye in patients with Senile Cataract.	Dr. Kanthamani. K
Alteration in corneal astigmatism after excision of pterygium with conjunctival autograft	Dr. M.S. Padmajoth
Intraoperative complications during cataract extraction in hypermature cataracts.	Dr. M.S. Padmajothi

### New Research Proposals Projects

<b>Title of the research project</b>	<b>Principal Investigator &amp; Co Investigator</b>
Visual outcome and complications in cataract patients with Pseudoexfoliation.	Dr. Sangeetha. T
Awareness of cataract and the different techniques of surgical treatment	Dr. Kanthamani. K

### MS Dissertations (2016-17 batch)

Name of the student	Guide	Topic
Dr. C. Meghana	Dr. M.S. Padmajothi	Comparative Study between Conjunctival Autograft and Amniotic Graft Following Pterygium Excision.
Dr. B. Harish Laxman	Dr. K. Kanthamani	Evaluation of Efficacy and Safety of Toric IOL Implantation in Cataract Patients with Preexisting Astigmatism.
Dr. Nuthan Babu. B	Dr. M.S. Padmajothi	A Study of Primary Open Angle Glaucoma in Type II Diabetes.
Dr. G. Soujanya	Dr. K. Kanthamani	Visual Outcomes and Complications following Nd – YAG Capsulotomy in Patients with Posterior Capsular Opacification.

### Ph.D Thesis

Name of the student	Guide	Co-guide	Topic
Dr. Sangeetha. T	DR. Kanthamani. K	Dr. K. N. Shashidhar Professor & HOD, Biochemistry. SDUMC	“Role of Fluoride, Oxidative Stress parameters and its Histopathological correlation in Senile Cataract: a Tertiary Care Hospital Study”.

### Publications:

Title of the paper	Authors	Journal
Comparison of Fibrin glue and Sutures for attaching Limbal Conjunctival Autograft after Pterygium excision	Dr. Prashanth. B Dr. Narendra P Datti Dr. Kanthamani. K Dr. Sangeetha. T Dr. Shrey Maheshwari Dr. Bhavya reddy	International Journal of Current Research
A Comparative Study of Visual Outcome with Superior, Supero-temporal and Temporal incisions in Manual Small Incision Cataract Surgery	Dr. Dildar Singh Dr. Kanthamani. K	International Journal of Current Research

Report of two cases of rare presentations of Pterygium	Dr. M.S Padmajothi Dr. Nitish Narang	Tropical Ophthalmology
A study of the aetiological & clinical features of infected Corneal Ulcers as studied in a rural population.	Dr. M.S Padmajothi Dr. Anjali Lita Roche	Journal of Evidence based medicine and health care

## DEPARTMENT OF OBSTETRICS AND GYNECOLOGY

### VISION:

- To provide quality care for women’s reproductive health.
- To provide comprehensive education to medical student and residents to help them achieve excellence in the profession and motivate them to be life-long learner.
- To provide an environment of collaboration, humility, integrity and respect for achieving excellence in profession and promotion of basic clinical and translational research.
- To strengthen the sub specialty areas for providing high quality patient care.
- To co-ordinate the strength and talent of individual faculty members with the need of the department and to facilitate & collaborate individual and departmental efforts

### INTRODUCTION:

The department of Obstetrics and Gynecology, a constituent department of Sri Devaraj Urs Medical College is thriving hard to offer quality care to the patient and quality education to student through our dedicated team of the faculty members. Department of OBG started functioning in the year 1986-87.

It caters to the rural population in and around Kolar district. Our 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 Department has sub specialty clinics like STD clinic. Infertility, family welfare clinic. Preventive gynecology etc. Department provides free counseling and testing for HIV while simultaneously providing anti-retroviral therapy to mother and newborn tested positive, through PPTCT (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. All the faculty in the department voluntarily accepted to involve in “**PRADHAN MANTRI SURAKSHIT MATRITVA ABHIYAAN**”:- A new initiative at DRS & Uttur PHC’s, where pregnant lady will be given free health check-up & required treatment for free on 9<sup>th</sup> of every month.

The department is 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 department 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. The faculty members and postgraduate students of the department are encouraged to actively participate and attend CME, workshops, conferences, seminars, etc.

The department is involved with training of Medical Officers in MCH programme since last 6 yrs (2008). The Department 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 area.

The department is headed by Dr. Sheela.S.R with the strong support of team of four Professors, five assistant professors, five Senior Residents & one Resident

**Thrust areas:**

- Infertility
- Gestational diabetes
- Recurrent pregnancy loss
- Preterm labor
- Role of vitamin D on pregnancy outcome
- Cervical cancer

**Teaching Faculty:**



**Left to Right:** 1<sup>st</sup> row Dr Mahfrid N Dharwadkar, Dr.Sunitha.T Prof.Gomathy.E, Prof.Sheela.S.R, Prof. Munikrishna.M,Dr.T.Sruthi. 2<sup>nd</sup> row- Dr.Vishnu Priya, Dr.K.Pujitha, Dr.Arulselvi,K, Dr.Neeraja.T.S, Dr.Suman Patil, Dr.Naga Jyothi.S, Dr.Ashritha Rebala 3<sup>rd</sup> row- Dr.Shilpa Suri C, Dr.Shilpi Singh, Dr.Lahari Akurati, Dr.Priyadarshini Dr.V Satya Sree Dr.Sandhya.R, 4<sup>th</sup> row-, Dr.Kondareddy Radhika , Dr.Sunanda.N, Dr.Nikitha. Dr.Poonguzhali .Liston,

## Faculty and Residents

Name	Designation
Dr. Sheela.S.R	Professor & HOD
Dr. Munikrishna M.	Professor
Dr. Sunita V.	Professor
Dr. Gomathy E.	Professor
Dr.Gaithry Devi	Professor
Dr.Sruthi.T	Assistant professor
Dr.Sunitha.T	Assistant professor
Dr.Neeraja.T.S	Assistant Professor
Dr Mahfrid N Dharwadkar	Assistant Professor
Dr.Ramya.R	Assistant Professor
Dr.Rathnamma	Assistant Professor
Dr.Suman Patil	Senior Resident
Dr.Gajula Sangeetha	Senior Resident

## Post Graduate Students/Junior Residents

Dr.Nagajyothi.S	MBBS
Dr.Beeraka Sri Divya Spurthi	MBBS
Dr.Aditi.C.Ramachandra	MBBS
Dr.Apoorva.I	MBBS
Dr.Arulselvi.K	MBBS
Dr.Arshitha Rebala	MBBS
Dr. Kurra Sai Pujitha	MBBS
Dr. Poonguzhali Liston	MBBS
Dr. Shilpa Suri Ciryam	MBBS
Dr. Shilpi Singh	MBBS
Dr. Sunanda.N	MBBS
Dr.Phurailatpam Priyadarshini	MBBS
Dr. Nikitha.V	MBBS
Dr. Sandhya.R	MBBS
Dr. Harshith.B.S	MBBS
Dr. Akurati lahari	MBBS
Dr.Katta Shilpa	MBBS
Dr. Benazir Shamim	MBBS
Dr.Vishnu Priya Kesani	MBBS
Dr.Velicheti Satya Sree	MBBS
Dr.Arptha Shruthi	MBBS
Dr.Kondareddy Radhika	MBBS
Dr.Shwetha Sinha	MBBS
Dr.Kosinepalli Charishma	MBBS

## Details of programmes conducted / attended as below:

Date	CME programmes Conducted
17 Mar 2017	“High Risk Pregnancy And Emergency Obstetrics”
5 April 2016	“a CME on fetal medicine update”
9 Sept 2016	“Update On Management Of Uterine Malignancy”

Date	CME PROGRAMMES ATTENDED	Name of the faculty who attended
15 - 19 June 2016	CME- “faculty in bsog” 15 <sup>TH</sup> TO 19 June -2016, Bengaluru.	
9 June 2017	Recent advances in Infertility at oxford Medical College, Bengaluru.	Dr.Neeraja.T.S
22 Nov2016	Obstetric Medicine-CME Bangalore Baptist Hospital-, Bengaluru.	Dr.Suman Patil

Date	Conferences Attended	Name of the faculty who attended
02-03dec 2016	Feto-Maternal Connect at People Tree Hospital, Bengaluru.	Prof.Munikrishna.M
26-28sep 2016	Life conference at Bengaluru.	Prof. Gomathy.E
06-08jan 2016	AICOG-16 at Ahmedabad	Prof. Gomathy.E

Date	Workshop Attended	Name of the faculty
16 April 2016	RUR work shop in Baptist Hospital at Bengaluru.	Prof.Gomathy.E
10sep2016	Vaginal surgeries in BMC at Bengaluru.	Prof. Gomathy.E

Date	Papers presented : oral presentation	Name of the faculty who attended
25-29 jan2017	Riske cesarean section after induction of labour in AICOG-2017 at Ahmedabad	Prof.Gomathy.E

#### Research projects (Completed):

Title of the research project	Principal Investigator & Co Investigator
“Effect of supportive therapy and psycho-education on the incidence of postpartum depression	Dr.Sruthi.T
Case series of corpus luteal haemorrhage	Dr.Gomathy.E
Risk factors for cesarean section after induction of labour JCGO”	Dr.Gomathy.E

#### Research projects (On going):

Title of the research project	Principal Investigator & Co Investigator
Studies on the association between risk of preeclampsia and rs 2200733 single nucleotide polymorphism	Dr.Munikrishna.M Dr.Shilpi Singh
Screening and molecular characterization of beta-thalassemia in anemic pregnant women	Dr.Munikrishna.M Dr.Priyadarshini
Study on evaluation of oxidative stress index ,plasma placental proteins and their implication on vascular endothelial dysfunction in pre eclampsia.	Ranjeeta Gadde Dr.Sheela.S.R (Phd guide)
Serum biomarkers and fluoride estimation with histopathological Changes In Placentae of pre clampsia.	Krishnaveni Dr.Sheela.S.R (Phd guide)
Association of expression and gene aberration of P16 in cervical biopsy with P16 protein and DNA extraction in plasma.	R.Kalyani Dr.Sheela.S.R (Phd guide)
Efficacy of 2% chlorhexadine Vs 10% povidone iodine solution as pre-operative skin prep in caesarean section	Dr.Sruthi.
“Effect of supportive therapy and psycho-education on the incidence of postpartum depression	Dr.Sruthi.T
Case series of corpus luteal haemorrhage	Dr.Gomathy.E
Risk factors for cesarean section after induction of labour JCGO”	Dr.Gomathy.E

#### MD/MS Dissertations / Ph.D. thesis (ongoing thesis for 2016-17 batch)

Name of the student	Guide	Co-guide (if any)	Topic
Dr.Arptha Shruthi A	Prof. Sheela.S.R	Dr.Manjunath Dr.Dayanand	Prognostic Significance of glutathione -in carcinoma cervix patients
Dr. Vishnu Priya Kesani	Prof. Munikrishna .M.	NIL	Comparative study of 25mcg intravaginal misoprostol and 0.5mg

			intracervical dinoprostone for induction of labour
Dr. Kosinepalli Charishma	Prof. Sheela.S.R	Dr. Dayanand	Evaluation of beta HCG levels in preeclampsia cases- a case control study
Dr. Kondareddy Radhika	Prof. Gomathy.E.	NIL	A prospective observational study on decision delivery interval and perinatal outcome in emergency caesarean section in tertiary hospital
Dr. Velicheti Satyasree	Prof. Gomathy.E.	Dr. Anil .S	Endometrial study by transvaginal sonography in perimenopausal women with abnormal uterine bleeding
Dr. Shweta Sinha	Prof. Munikrishna.M.	NIL	To study the role of modified WHO partogram as an analytic tool for progress of labour in term pregnancies
Ranjeeta Gadde		Dr. Sheela.S.R	Study on evaluation of oxidative stress index, plasma placental proteins and their implication on vascular endothelial dysfunction in pre eclampsia.
Krishnaveni		Dr. Sheela.S.R	Serum biomarkers and fluoride estimation with histopathological Changes In Placentae of pre clampsia.
R. Kalyani		Dr. Sheela.S.R	Association of expression and gene aberration of P16 in cervical biopsy with P16 protein and DNA extraction in plasma.

**Publications (April 2016 to March 2017):**

Authors	Title of the paper	Journal	Department
Nagarjuna Sivaraj, Dayanand C.D Sheela,S.R	A Study on Evaluation of Phospholipase A <sub>2</sub> Gene Polymorphism and the expression in terms of phospholipase A <sub>2</sub> Enzyme in preeclampsia	International Journal of Current Research	Dept. of Genome
Vanishreebambrana Dayanand CD Sheela SR	Evaluation of Xanthine Oxidase Inhibitory Activity by Flavonoids from Pongamia Pinnata Linn	Asian Journal of Pharmaceutical and Clinical Research	Dept. of Genome

Sheela SR Shashirekha CA Ashritha R Sreeramulu PN	Management of 28 Weeks of Gestation with Traumatic Splenic Rupture	Journal of case Report	OBG
Dayanand CD, Vanishree Bambrana, Sheela SR	Phospholipase A <sub>2</sub> Plasma Elastase Activity in Pre- and post Partum of Pre-Eclamptic women	Asian Journal of Pharmaceutical and Clinical Research	Dept. of Genome
Sheela SR, Sreeramulu PN Nagajyothi S	10 Years analysis of internal iliac artery ligation in PPH in tertiary centre	Archives journal of obstetrics and gynecology	OBG
Nagajyothi S Sheela SR Shashidhar KN	Serum homocysteine in preeclampsia and its maternal and fetal outcome	Journal of obstetrics and gynecology research	OBG
Ankita Bagel, R Kalyani, Munikrishna Munisamaiah, Bachu Narayanaswamy, Raghavendra Prasad	Molluscum Contagiosum of Cervix- A Case Report	Journal of Clinical and Diagnostic Research	Dept. of Pathology
Dr. Shilpa S. Ciryam, Dr. Gomathy E	Study of serum lactate dehydrogenase level and seasonal variation in preeclampsia and eclampsia with its obstetric outcome.”	IJRCOG-3110	OBG

#### **Publications (April 2016 to March 2017): Accepted for Publication**

<b>Title of the paper</b>	<b>Authors</b>	<b>Journal</b>	<b>Department</b>
Study of serum lactate dehydrogenase level and seasonal variation in preeclampsia and eclampsia with its obstetric outcome.	Dr. Shilpa S. Ciryam, Dr. Gomathy E	IJRCOG-3110	Department of OBG

#### **Achievements / honors / awards / fellowships if any during the year**

Dr. Gomathy. E was awarded Fellow of Indian College of Obstetrics & Gynecology in AICOG conference January-2016

### VISION:

To create a Department of International Standards in patient care, research and urology training.

To make the department "state of the art" Centre for all activities connected with urology.

### INTRODUCTION:

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

It is one of the busiest departments in the hospital performing about 50 surgeries per month.

### 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:

- 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. Dr. Nipun AC*

The department 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.

### 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 Sharing and single.

### Teaching Faculty Details as below

Name	Designation
Dr. Chandrashekar Ratkal	Professor & HOD
Dr. I.R. Ravish M.S	Professor
Dr. Vinay Patil.M.S	Associate Professor
Dr. Mohan. K M.S	Assistant Professor
Dr. Govardhan Reddy	Assistant Professor
Dr. Girish H M.S	Assistant. Professor
Dr. Nipun AC M.S	Assistant. Professor

### Details of programmes conducted / attended as below:

Date	CME programmes attended	Name of the faculty
18 <sup>th</sup> June 2016.	Attended CME in Bangalore Urological Society at Institute of nephron Urology, Victoria Hospital Campus, Bangalore	Dr. C S RATKAL & Dr. Girish H

**Details of programmes conducted / attended as below:**

Date	CME programmes attended	Name of the faculty
18 <sup>th</sup> June 2016.	Attended CME in Bangalore Urological Society at Institute of nephron Urology, Victoria Hospital Campus, Bangalore	Dr. C S RATKAL & Dr. Girish H

Date	Conferences Attended	Name of the faculty
17 <sup>th</sup> – 19 <sup>th</sup> 2016.	Attended ESSIC International Society at New Delhi	Dr. C S RATKAL
8 <sup>th</sup> -10 <sup>th</sup> July 2016.	Attend the conference 27 <sup>th</sup> Annual Conference of Association of Southern Urological- SZUSICON – 2016, at Mahatma Gandhi medical College and Research Institute & Pondicherry Renal science Society	Dr. Girish H

Date	Workshops Attended	Name of the faculty
20- 21 May 2016	Attended workshop on Open Urological Surgery at Indira Gandhi medical College, Auditorium, Shimla	Dr. C S RATKAL
26 Mar 2017	Attended CME & Workshop Learning the Art of Robotic Surgery at Yenepoya Medical College Mangaluru	Dr. Nipun A C, Dr. Mohan K , Dr. Govardhan K

## DEPARTMENT OF PSYCHIATRY

**VISION:**

To be a state-of-art Psychiatric facility in Kolar providing education, service and conducting research

To be a Centre catering to the psychiatric needs of the community in and around Kolar district

**INTRODUCTION:**

The Dept. of Psychiatry was established in 1994 with Dr. K.N Srinivas as the HoD. Initially the Dept. offered basic psychiatric services for the needy patients. In July 2001, Dr. Nagendran S took over the charge as Professor and HoD of the Dept. During his tenure, a separate Psychiatric ward was established with 15 beds.

In February 2013, Dr. Mohan Reddy took over the responsibilities as the HoD. Under his aegis modified ECT's and psychometric assessments were provided for the patients. The Dept. has a steady flow of outpatient-inpatients with more psychotherapies and counseling sessions. The Dept. has the objective of starting postgraduate MD Psychiatry course shortly. The Dept. runs specialty clinics like Child guidance clinic, Geriatric clinic, etc.

The Dept. of psychiatry is in the process of Memorandum of Understanding (MoU) with Nightingales Medical Trust, Bangalore.

**Teaching Faculty:**



From (L –R): Dr. Ruth Sneha C, Dr. Mona

**Teaching Faculty Details as below**

Name	Designation
Dr. Mohan Reddy M	Professor & HoD
Dr. Mona Nongmeikapam	Assistant Professor
Dr. Ruth Sneha C	Lecturer
Dr. Jagadish S.N	Clinical psychologist/ Assistant Professor

**Thrust areas**

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



**EEG Clinic: Biofeedback**

**Details of programmes conducted / attended as below**

DATE	CME programmes Conducted	Name of the faculty
15 Sep 2016	“World Suicide Prevention Day”	Dr.Mohan Reddy.M Dr.Mona Nongmeikapam Dr.Ruth Sneha C Dr.Jagadish.S.N
14 Oct 2016	“Psychological First Aid”	Dr.Mohan Reddy.M Dr.Mona Nongmeikapam Dr.Ruth Sneha C Dr.Jagadish.S.N

DATE	CME programmes attended	Name of the faculty
5 Jan 2017	Annual National Conference of Indian Psychiatric society held at Raipur, India (National)	Dr. Mona Nongmeikapam Dr.C. Ruth Sneha

**Research projects (Completed):**

Title of the research project	Principal Investigator

Psychiatric morbidity in Intensive Care Units patients	Dr. Mohan Reddy
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**Research projects (On going):**

Title of the research project	Principal investigator
Use of medical student stressor questionnaire (MMSQ) In assessing the incidence of stress among undergraduates in medical college Kolar and quantify the wastage – a longitudinal study	Dr. Mohan Reddy
Awareness and attitude towards mental illness among a rural population	Dr. Mohan Reddy

**Achievements / honors / awards / fellowships if any during the year**

Dr.Mohan Reddy. M is the member of Kolar district Cable network monitoring committee, Govt of Karnataka. Dr.Mohan Reddy.M was awarded life fellow of Indian Psychiatric Society.

## DEPARTMENT OF PAEDIATRICS

**VISION**

“Our vision is to be one of the best academic centres of Pediatrics”

**THRUST AREAS**

Research Thrust Areas

NEONATAL Research –

- ROP screening in newborn

NUTRITIONAL Research –

- Vitamin D supplementation,
- Micronutrient fortification for Immunity Status

GENETICS AND DYSMORPHOLOGY

Research –

- Molecular studies in congenital malformations

- Clinical Thrust Areas

Intensive Care – Neonatal intensive care and Pediatric intensive care

Infectious diseases - Dengue fever, Rickettsial fever

Neurological disorders - Cerebral Palsy

Nutrition – Malnutrition, Neonatal Nutrition

- Teaching Thrust Areas

Undergraduate teaching – Simulated teaching by use of Skill Lab, Multisource of Feedback for Internship training.

Postgraduate teaching – Work Place based assessment- MiniCex, PG Induction program.

## Teaching Faculty



### I Row:

L to R : Dr. Murali.S.M, Dr.BeereGowda,  
Dr.Sudha Reddy, Dr K.N.V. Prasad,  
Dr.Krishnappa,Dr.Bhanuchand

### II\_Row:

Mr. Narayana, Dr.Rakesh , Dr.Sharief,  
Dr.Touseef, Dr.Bharath, Dr.Abisheck,  
Dr.Sanaulla, Dr.Roshith

### III Row:

Dr. Vinay, Dr.Suman, Dr.Sahil Chowdary,  
Dr.Rani , Dr.Kusuma, Dr.Shruthi, Dr.Jyothi,  
Dr.Hima Bindu, Mr.Appaiah Gowda.R.S.

## Teaching Faculty Details as below

Names	Designation
Dr.K.N.V. Prasad	Professor
Dr.Beeregowda.Y.C	Professor
Dr.Sudha Reddy.V.R.	Professor
Dr.Krishnappa.J	Professor
Dr.Bhanuchand.P	Associate Professor
Dr.Jahnvi Kare	Assistant Professor
Dr.K.Sharief	Assistant Professor
Dr.Murali S.M.	Assistant Professor
Dr.Bharath.K	Assistant Professor
Dr.Yellappa Gowda	Assistant Professor
Dr.Shivaraja.A	Sr, Resident
Dr.Touseef	Sr, Resident
Dr.Arun Kumar	Sr, Resident
Dr.Ambresh.A	Sr, Resident
Dr.Shruti.A	Post Graduate/Junior Resident
Dr. Kusuma	Post Graduate/Junior Resident
Dr. Rani.K.N.	Post Graduate/Junior Resident
Dr.Sahil Chaudhary	Post Graduate/Junior Resident
Dr.Gudepu Rakesh	Post Graduate/Junior Resident
Dr.Ritesh Veerlapati	Post Graduate/Junior Resident
Dr.Kota Venkata Suman	Post Graduate/Junior Resident
Dr.Dasari Supriya	Post Graduate/Junior Resident

**Details of programmes conducted / attended as below**

<b>Date</b>	<b>CME programmes Conducted</b>
28 Oct 2016	Ambulatory Paediatrics
29 Oct 2016	O.R.S. day Celebration
1 Oct 2016	World Breast Feeding Week

<b>Date</b>	<b>Workshops Attended</b>	<b>Name of Faculty</b>
13-16 Oct 2016	South Pedicon, 2016, Shimoga .Examination of Newborn. Refractory Seizures.	Dr. K N V Prasad Dr. Beere Gowda
18-21 Jan 2017	IAP National Conference Pedicon-2017 was held at Palace Ground Bangalore. Sudha Reddy was the judge for oral paper presentation	Dr KNV Prasad Dr.Krishnappa Dr.Sudha Reddy Dr. BeereGowda

**Research projects (On going):**

<b>Title of the research project</b>	<b>Principal Investigator &amp; Co Investigator</b>
Screening of congenital malformations in a tertiary care Hospital	Mrs. Divya Bose Dr.Kishnappa.J Pediatrics
Randomized Trial of two different doses of vitamin D supplementation and Risk of Acute Respiratory infection in children in Rural Kolar. Karnataka	Dr.K.N.V Prasad Pediatrics
Randomized trial of effect of Micronutrient fortified biscuit on immunity status among school children in Rural Kolar.(Sponsored by ITC)	Dr K N V Prasad, Pediatrics.
Use of multisource feedback (MSF) tool for assessment of interns performance- An interventional study	Dr.K.N.V. Prasad Pediatrics
A retrospective study of outbreak of rickettsial disease in paediatrics age group at Kolar	Dr.Krishnappa.J Pediatrics
Students and faculty members perceptions about Mini-Clinical Evaluation Exercise (Mini-CEX) as assessment and education Tool	Dr.Sudha Reddy.V.R Pediatrics

### Research projects (Completed)

Title of the research project	Principal Investigator & Co Investigator
Assessment patient satisfaction on Tale- rehabilitation consultation of children with development disability clinic at SDUMC Kolar.	Dr.K.N.V. Prasad Pediatrics

### MD/MS Dissertations / Ph.D. thesis (2016-17 batch)

Name of the student	Guide	Topic
Dr. Rani KN	Dr. K N V Prasad	A comparative study on developmental screening in children by using INCLLEN and ICMR psychosocial screening tool.
Dr.Kusuma	Dr.Beeregowda Y.C	A prospective study on early morbidity patterns of late preterm neonates admitted in rural tertiary care center
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

### Research Publications:

Title of the Paper	Author	Journal
Neonatal Hyperekplexia With Failure to Thrive with umbilical hernia	Roshith J Kumar K N V Prasad	European Journal of Pharmaceutical And Medical Research 2016 ;4(1):331-332
Congenital Dengu Infection- Escpe of one Twin a Case Report	Roshith J Kumar K N V Prasad	European Journal of Pharmaceutical And Medical Research 2017 ;4(2):589-590
A Case report of Vacteral Association	Jyothi A Krishnappa J	European Journal of Pharmaceutical And Medical Research 2017; 4(1): 399-400
Case Report - Isolated Asymptomatic Absent Manubrium Sternii In Healthy Infant	Bhanuchand P. Malikireddy Hima Bindu Jagadish	European Journal of Pharmaceutical And Medical Research 2017; 4(2): 562-564
Study of Hyponatremia in Critically ill Children Admitted to Paediatric Intensive Care Unit	Malikireddy Hima Bindu BeereGowda.Y.C	European Journal of Pharmaceutical And Medical Research 2017;4(4):427-431
Acute methemoglobinemia following unknown compound exposure: two case reports	Sudha Reddy, Malikireddy Himabindu Krishnappa	European Journal of Pharmaceutical And Medical Research 2017; 4(4): 424-426

Association of serum vitamin D levels with severity of acute respiratory tract infections in children from an area with abundant sunlight	Jyothi, Sudha Reddy, C.D.Dayanand	International Journal of Current Research 2017;4:49371-49376
Etiological, clinical and EEG profile of Neonatal seizures -an Institutional study	Roshith J Kumar K N V Prasad	European Journal of Pharmaceutical And Medical Research 2017;4(4) 569 - 577
A rare case of Dress Syndrome with ataxia secondary to phenytoin	Bhanuchand.P Jyothi.A	European Journal of Pharmaceutical And Medical Research 2016;3(12) 559-561
Jarcho- Levin syndrome (Spondylocostal dysostosis) associated with sprengel deformity	Krishnappa.J Bindu Chowdary	Journal of Clinical and Scientific Research 2017;6:46-49

### **Achievements / honors / awards / fellowships if any during the year**

Dr. Rani and Dr. Vinay Kumar won second place in paper presentation at ANVESHAN South India Universities conducted by Sri Siddhartha Medical College.

Dr Rani got first prize in paper presentation at ANVESHAN All India Universities meet conducted at Annamalai University, Chennai.

## DEPARTMENT OF OTORHINOLARYNGOLOGY

### **VISION**

To be one of the best academic centres of otorhinolaryngology, head & neck surgery which 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 Department. ENT comprises of two units – one general ENT unit and one unit for Head & Neck Oncosurgery. This department was established in 1986 and has developed over a period of years and is known for being compassionate, attentive and empathetic. ENT department 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 4 MS (ENT) students and 2 DLO students. The department has also been conducting 2 year Post-Doctoral Fellowship course in Head & Neck Oncosurgery. 2 post MS/DNB candidates from ENT or General Surgery background are admitted for this fellowship each year. ENT ward is 60 bedded with constant bed occupancy of over 90%. OPD runs between 8.30 AM to 4.30 PM with emergency treatment round the clock. Fellowship in oral onco surgery has also been started by this department, enrolling 2 post MDS candidates per year. The department has enrolled 1 part time PhD candidate in oral oncology. The department has enrolled 1 candidate for PhD in audiology in 2017.

### Thrust Areas

- Voice conservation in advanced laryngeal cancer (surgical and non surgical)
- Molecular biology and epigenetics in oral cancer
- Surgical management of locally advanced oral cancers involving infratemporal fossa.
- Endoscopic advanced paranasal sinus and skull base surgery.
- Surgical management of locally advanced thyroid cancers.
- Management of pediatric airway foreign bodies
- Management of complicated otitis media.

### Teaching Faculty



**1<sup>st</sup> Row Sitting:** L to R: 1.Dr.Kouser Mohammad  
Dr.Prashanth Babu. 3. Dr.K.C.Prasad.

4. Dr.Azeem Mohiyuddin.S.M 5. Dr.Vinay Babu.  
6. Dr.Harshita.T.R. 7. Mrs.Apoorva.

**2<sup>nd</sup> Row Standing:** L to R: 1.Dr.Shreeharsha

2. Dr. Manna Jose 3. Dr.Nishath Sabreen.

4. Dr.Viswashanthi 5. Dr.Harshitha.N

6. Dr.Aishwarya Raj Pillai.D. 5. Dr.Kavitha

6. Dr. Brindha.H.S 7. Dr.Harshitha.N (DLO)

8. Dr.Indu varsha 9.Dr. Abhilasha

**3<sup>rd</sup> Row Standing:** L to R: 1.Dr.Sumanth. 2. Dr.Anj

Dr.Swapanthi. 4. Dr.Prathyusha koneru

5. Dr.Pradeep Krishana. 6. Dr. Mansheer.

7. Dr. Abhimanyu.

**4<sup>th</sup> Row Standing:** L to R: 1.Benod Kumar 2.Dr.Lir

Thomas 3. Dr.Shashank Choudary.

4. Mr.Srinivasappa.C 5. Mr, Lingareddy.M

Name of the faculty	Designation
Dr. S.M.Azeem Mohiyudd	Professor & HOD
Dr. Prasad K. C.	Professor
Dr. Vinay Babu S	Assoc. Professor
Dr. Kouser Mohammadi	Asst. Professor
Dr. Prashantha Babu	Asst. Professor
Dr. Harshita.T.R	Asst. Professor
Dr.Abhilashan Karunasaga	Senior Resident
Dr. Shreeharsha.M	Senior Resident
Dr. Shashank Choudary	Junior Resident/Tutor
Dr. Linu Thomas	Junior Resident/Tutor

Dr.Abhimanyu. K	Junior Resident/Tutor
Dr.Manna Jose P	Junior Resident/Tutor
Dr Pradeep Krishna	Junior Resident/Tutor
Dr. Mansheer. N	Junior Resident/Tutor
Dr. Indu Varsha	Junior Resident/Tutor
Dr. Prathyusha. K	Junior Resident/Tutor
Dr. Anjali.P.K.	Junior Resident/Tutor
Dr. Swapanthi	Junior Resident/Tutor
Dr.Hashitha.N (MS)	Junior Resident/Tutor
Dr.Harshitha.N(DLO)	Junior Resident/Tutor
Dr.Aishwarya Raj	Junior Resident/Tutor
Pillai.D	
Dr.Viswashanthi	Junior Resident/Tutor
Dr.Brindha.H.S	Junior Resident/Tutor
Ms. Apoorva.H.M	Audiologist and Ph.D scholar

#### Fellowship programme candidates

Name	
Dr Sumanth K R	Fellow in Head and Neck Oncosurgery
Dr Kavitha Palled	Fellow in Head and Neck Oncosurgery
Dr Nishath Sabreen	Fellow in Oral Oncosurgery
Dr Benod Kumar K	Fellow in Head and Neck Oncosurgery

#### Visiting Senior Faculties

- **Dr. K.S.Gopinath-** Senior surgical oncologist- visits every Friday for tumor board meetings and treatment planning of Head & Neck malignancy patients.
- **Dr. R.P.Deo-** Senior surgical oncologist – visiting faculty in our department on every Tuesday.
- **Dr. Tapas Kundu-** one of the senior most scientist in Molecular biology and epigenetics in the country, and senior professor at Jawaharlal Nehru centre for scientific research. Distinguished visiting faculty of University.

#### CME Conducted:

Malignancies of Oral cavity and Thyroid- Live surgical workshop & Cadaveric Dissection – June 10<sup>th</sup>,11<sup>th</sup> and12<sup>th</sup> - 2016

#### CME/Conferences attended

Dr.S.M.Azeem Mohiyuddin – CME/Conferences attended (April 2016- March2017)

Delegate	CME on Infertility-Recent Diagnostic Advances and Research Trends-30 April 2016 at SDUMC, Kolar.
Guest lecture	Management of salivary gland tumor-Narayana medical college , Nellore, May 2016
Organising chairman and surgical demonstration and lectures	Malignancy of oral cavity and thyroid-live surgical workshop and cadaveric dissection in association with FHNO – SDUMC June 2016
Faculty and Guest Lecture	Multidisciplinary Thyroid Symposium- 26 June 2016 at People Tree Hospitals, Bengaluru.
Guest lecture	Difficult airway-challenges for anaesthesiologists-ISA SDUMC, Kolar-July 2016
Delegate	National congress on management of thyroid cancer, August 2016, Nagpur
Guest speaker	Management of thyroid malignancy-Tamilnadu state conference, September 2016, Salem
Faculty Guest lecture	Evaluation of thyroid malignancy and related swelling, IMA Tumkur, September 2016
Delegate	Workshop on Competency based medical education, SDUMC September 2016
Chair person Panelist Speaker	Cross fire session on observation versus elective neck dissection in management of clinically N0 neck.- Shimoga, AOICKON, September 2016
Faculty	Training programme in bench marking and quality circles, SDUMC, October 2016

Delegate	Ambulatory pediatrics-SDUMC, October 2016
Delegate	Workshop completion on Advances and challenges in clinical applications of ccfDNA, IBAB, December 2016
Guest lecturer and panelist	FNHO&AOI, Manipal, Jan 2017
Delegate and Faculty	K. S. Hegde OSCE, Mangalore, Jan 2017
Faculty	Multidisciplinary approach to Head and neck Cancers, SDUMC, Jan 2017
Faculty	National ENT update with 12 <sup>th</sup> OSCE workshop in Otolaryngology And Head & Neck Surgery Jan 2017
Guest lecture & panelist	Workshop on head and neck oncosurgery and hands on cadaver laser dissection course – Jan 2017
Faculty	AHEAD Feb 2017, Kochi
Delegate	Fetal malformations, SDUMC, March 2017

#### **Dr. K.C. Prasad – CME/Conferences attended (April 2016- March2017)**

Chairperson	Otology 25 – Bangalore – March 2017
Faculty	X Radiology CME- Imaging update of ear nose throat – April 2017
Chairperson – General principles and salivary gland tumors	Head and neck oncology update –2016
Resource person	CME on recent trends in anatomy – October 2016
Chairperson	Alembic masterclass _ Aug 2017

#### **CME/CONFERENCE ATTENDED**

##### **Posters and Presentations-(Post Graduate)**

Title of presentation	Presenter	Conference
Parotid abscess in children – a rural tertiary care hospital experience	Dr. Shashank Chaudhary	KENTCON 2016
Effectiveness of Supraomohyoid neck dissection in clinically No neck	Dr. Linu Thomas	KENTCON 2016
1 <sup>st</sup> Branchial cleft anomaly; a rare presentation	Dr Manna	KENTCON 2016
Osteoplastic flap approach for inverted papilloma of frontal sinus	Dr Abhimanyu	KENTCON 2016

#### **RESEARCH PROJECTS (completed)**

<b>Title of Topic</b>	<b>Principal investigator</b>
Outcome of surgical resection of locally advanced oral malignancy extending to Infratemporal fossa.	Dr S M Azeem Mohiyuddin Dr Pooja Harsha
Effect of pterygopalatine fossa injection with 2% lignocaine and 1:8000 adrenaline in minimizing bleeding during endoscopic sinus surgery.	Dr. Chandrakala Dr Reji Mathew
A clinical study of etiopathogenesis of management of hoarseness of voice.	Dr. Vinay Babu Dr Ricky Sam Abraham

Evaluation of mandible for tumor involvement in case of carcinoma of gingivo buccal sulcus complex.	Dr. Sagayaraj A Dr S M Azeem Mohiyuddin Dr Balan Ashok Kumar
Role of otoendoscopes as an adjunct tool in canal wall up mastoidectomy for cholesteatoma	Dr Chandrakala

### UNDERGRADUATE ICMR – STS PROJECTS

Usefulness of shoulder strengthening exercises and methyl cobalamine in patients treated by nerve sparing neck dissection and radiotherapy for head and neck cancers.	Mahnaaz Sultana Azeem Guided by Dr Vinay Babu S and Sagayaraj A	Completed and approved by ICMR in 2016
Role of hyperlipidemia on the onset and severity of age related sensorineural hearing loss.	Vattikuti Harshavardhan Guided by Dr Prashanth Babu	Completed and submitted for ICMR approval
Salivary sialic acid levels in malignant , pre malignant and benign lesions of oral cavity (being done by biochemistry department in collaboration with ENT department)	Mahnaaz Sultana Azeem Guided by Dr Sussane	Completed and submitted for ICMR approval

### RESEARCH PROJECTS (ongoing):

Title of Topic	Principal investigator
Evaluation of central compartment lymph nodes for metastasis in thyroid cancer with No neck nodes	Dr Azeem Mohiyuddin S M
Evaluation of supramandibular facial lymph nodes for metastasis in carcinoma buccal mucosa	Dr Azeem Mohiyuddin Dr Sumanth K R
Quantitative assessment of interleukin-6 levels in benign, premalignant and malignant lesions of oral cavity.	Dr Azeem Mohiyuddin Dr Susanne
Perioperative nutrition: Impact on wound healing in head and neck cancer patients.	Dr Divya jyothis , Dr Kouser Mohammadi
Evaluation of change in threshold of smell after tracheostomy	Dr Azeem Mohiyuddin
Prevention of surgical site infection in head and neck surgery: Chlorhexidine vs povidone iodine	Dr Azeem Mohiyuddin
Effect of neoadjuvant chemotherapy on locoregional control in locally advanced oral cancers.	Dr Kouser Mohammadi Dr Azeem Mohiyuddin
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):

Title of Topic	Principal Investigator & Co Investigator
Audiometric and tympanometric assessment of patients undergoing radiotherapy for oral cancers.	Dr Azeem Mohiyuddin Dr Manjunath G N

### MD/MS DISSERTATIONS/Ph.D. THESIS:

Name of PG Student	Name of the Guide
Prof Azeem Mohiyuddin S.M.	Prof Gopinath K.S
Dr. Abhimanyu K.	Dr.S.M.Azeem Mohiyuddin
Dr. Manna Jose	Dr. Chandrakala
Dr. Linu Thomas	Dr.S.M.Azeem Mohiyuddin
Dr. Shashank	Dr. K.C. Prasad
Dr.Prathyusha	Dr. Vinay Babu
Dr.Indu Varsha	Dr.S.M.Azeem Mohiyuddin
Dr. Swapanthi	Dr. K.C. Prasad
Dr. Anjali	Dr. Vinay Babu
Dr. Aishwarya	Dr. K.C. Prasad
Dr. Brindha	Dr.S.M.Azeem Mohiyuddin
Dr. Harshita N	Dr.S.M.Azeem Mohiyuddin

### PUBLISHED ARTICLES:

Title of paper	Journal	Year	Author's
Usefulness of supraclavicular flap in reconstruction following resection of oral cancer	World Journal of Otorhinolaryngology-Head and Neck Surgery	2017	BV Padiyar, SMA Mohiyuddin, A Sagayaraj, S Merchant
Auditory function and quality of life in patients receiving cisplatin chemotherapy in head and neck cancer: A case series follow-up study	Journal of Cancer Research and Therapeutics (Ahead of print)	2016	B Kalyanam, N Sarala, SMA Mohiyuddin, R Diwakar
Role of Buccal Pad of Fat in Reconstruction of the Buccal Mucosa Defects	Indian Journal of Otolaryngology and Head & Neck Surgery 69 (1), 20-23	2016	A Sagayaraj, ND Jyothi, SMA Mohiyuddin, RP Deo, BV Padiyar
Gustatory function in chronic otitis media (mucosal type) before and after tympanoplasty	European Archives of Oto-Rhino-Laryngology 274 (1), 95-99	2017	A Krishna, SV Babu, SMA Mohiyuddin, K Naseeruddin
Clinicopathological study of surgical margins in squamous cell carcinoma of buccal mucosa	World Journal of Otorhinolaryngology-Head and Neck Surgery 2 (1), 17-21	2016	SMA Mohiyuddin, BV Padiyar, TN Suresh, K Mohammadi, A Sagayaraj, ...
Maxillary sinusitis and ethmoidal polypi due to nocardia :a rare case	Annals of clinical otolaryngology	2016	BV Padiyar, SMA Mohiyuddin, Parimala S

Prevalence of Human Papilloma Virus in Oral Squamous Cell carcinoma: A rural teaching hospital based cross-sectional study	Indian Journal of Cancer	2017	Dr Sharath Balakrishna Dr Deepa Rajesh Dr S M Azeem Mohiyuddin
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### POST GRADUATE TEACHING SCHEDULES:

- Seminars , journal clubs , case presentations weekly
- Innovative teaching programmes like video based learning , pedagogy , breakfast with professor, problem based learning, departmental symposiums and
- Temporal bone dissections and skills lab for basic surgical training.

### OPD/IP and OT statistics

- Average out patients per day- 50–60 patients + routine follow up cases of around 5-10.
- Speciality Clinics like Headache Clinic, Vertigo Clinic, Deafness Clinic, Congenital Head and Neck Disorders Clinic, Cancer Clinic( Tumour Board)
- 60 bedded with a constant bed occupancy of over 90%
- Advanced Head & Neck cancer surgeries are routinely performed in operation theatre
  - Composite resection including Compartment ITF clearance
  - Voice conservation surgeries for advanced laryngeal tumours
  - Advanced endoscopic sinus surgeries including skull base surgeries
- High risk paediatric and adult airway emergencies handled.
- Average 40-50 ENT surgeries performed per month and 10-15 various Head and Neck malignancies performed per month.

### ACHIEVEMENTS/HONOURS/AWARDS:

#### Faculty

- Dr.S.M.Azeem Mohiyuddin was enrolled as FELLOW OF INTERNATIONAL COLLEGE OF SURGEONS in October 2017.
- Dr.S.M.Azeem Mohiyuddin was awarded the BEST TEACHER award by SDUAHER for the year 2016.

#### Post Graduates

- Dr. Pooja Harsha qualified for SDUAHER Gold Medal in Surgery & Allied (MS) for scoring highest marks in Surgery & Allied subjects in 2017.

## 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:**

Our department witnessed the befalling of following events,

International Oral & Maxillofacial Surgeons Day on 13<sup>th</sup> of Feb 2017:  
 On the occasion of International Oral & Maxillofacial Surgeons Day [13<sup>th</sup> Feb 2017] Department of Dentistry, R.L.Jalappa Hospital & Research Centre had organized a guest lecture by Dr. S. Girish Rao, Vice-President of the association of oral and Maxillofacial surgeons of India, on Maxillofacial Injuries & Role of Maxillofacial Surgeon in Trauma Care, which was conducted at the PG auditorium, SDUAHER.



**Dentist Day on 6<sup>th</sup> of March 2017:**  
 On the occasion of National Dentist Day 06.03.2017 Department of Dentistry, R.L.J.H & R.C had organized camps in Apna Ghar old age home & Orphanage and Sri Sai Jyothi Vridhashrama.

Dental screening of patients conducted for about 30 patients and a presentation was given on importance of oral health, ill effects of tobacco chewing and technique to maintain good oral hygiene with distribution of free samples of tooth paste and toothbrush.



**Thrust areas:**

- Maxillofacial trauma
- Periodontal medicine
- Implant dentistry.

**Teaching Faculty:**



**Faculty** L to R: Dr Deepa C, Dr Harshitha.K. R, Dr Deepika. Kenkere, Dr Mallika Reddy, Dr Srinath.K.S

**Teaching Faculty Details as below**

<b>Name</b>	<b>Designation</b>
Dr. Deepika. Kenkere	Prof& HOD
Dr Mallika Reddy	Associate professor
Dr. Deepa.C	Reader
Dr. Harshitha.K.R	Assistant professor
Dr. Srinath.K.S	Tutor

**Details of programmes conducted / attended as below**

<b>Workshops/Conferences Attended</b>	<b>Name of the faculty</b>
41 <sup>st</sup> Annual Conference of Association of Oral and Maxillofacial Surgeons of India.	Dr Deepika. Kenkere
24 <sup>th</sup> Annual State Level Conference of Karnataka Medico Legal Socitey - KAMLSCON 2016	Dr Deepa C

<b>Papers presented : oral presentation</b>	<b>Name of the faculty</b>
Sexual dichotomy of canine teeth among south Indian population using canine distal accessory ridge: A nonmetric trait.	Dr Deepa C

**Research projects (Completed):**

<b>Title of the research project</b>	<b>Principal Investigator &amp; Co Investigator</b>
Sexual dichotomy of canine teeth among south Indian population using canine distal accessory ridge: A nonmetric trait.	Dr Deepa C Dentistry

**Research projects (On going):**

<b>Title of the research project</b>	<b>Principal Investigator &amp; Co Investigator</b>
Evaluation of topical hemostatic property of sphaltika bhasma in patients on antiplatelet therapy, undergoing dental extraction.	Dr.Harshitha.K.R Dr. Patil.D.B Dr.Patil.N.J Dr.Deepika.K
Dermatoglyphic patterns and its correlation to dental fluorosis, periodontal disease among adults of kolar district, a cross sectional study.	Dr Deepa C, Dr Ajay Kumar T S, Dr Kiran J, Dr Harshitha, Dr Srinath K S, Dr Roopa. K.S.

**Publications:**

<b>Title of the paper</b>	<b>Authors</b>	<b>Journal</b>
A Brief insight into oral health related quality of life.	Deepa Chandrashekaraiyah, Sushma. Rudraswamy	International journal of oral health and medical research 2017; 3(6): 121-125.
Sexual dichotomy of canine teeth among south Indian population using canine distal accessory ridge: A nonmetric trait.	Dr Deepa C Dr Ajay Kumar T S Dr Srinath K S	Indian Journal of Contemporary Dentistry. July-Dec 2017; vol. 5(2): 35-41.
Necrotizing sialometaplasia of palate with Belligerent clinical stance: a case report and review	V.K. Varsha, K.R.Harshitha, G.P., Smitha, Mamta Kamal.	Indian journal of Dental Science 2016; 8: 246-8.

**Achievements / honors / awards / fellowships if any during the year**

- Dr Deepika. Kenkere Chaired a session at the 41<sup>st</sup> Annual Conference of Association of Oral and Maxillofacial Surgeons of India.
- Dr Deepa C was Speaker in the CME conducted by Dept of Biochemistry on “Minerals in health and disease with special emphasis on fluorosis” conducted in May 12<sup>th</sup> 2017.



## 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 at the University are the facilitators and mentors for the students. They play an important role in curriculum development and assessment, thus have a pivotal role in shaping the future of the 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'. University Department of Medical Education facilitates in strengthening 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.



**Orientation & Research Methodology Workshop for PGs 2016-17 batch on 8<sup>th</sup>, 9<sup>th</sup> & 10<sup>th</sup> August 2016**



**Workshop on Microteaching for PGs (MD/MS 2015-16 batch) on 26-05-2016**



**Workshop on "Competency Based Medical Education" for faculty on 03-09-2016**



**Orientation Course for II MBBS Students**



**Revised Basic Course Workshop in Medical Education Technologies for Faculty with MCI Observer**

### Trust Area

- Curricular Reforms (Competency Based Curriculum )
- Workplace-based Assessment (Mini-Cex and DOPS)
- 360<sup>0</sup> Assessment
- E- Learning
- Leadership

### Teaching Faculty



**Sitting L to 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 Dr. Geetha S and Dr. Prasanna Kamath B T

Name Of The Faculty	Department
Dr. Harendra Kumar M L	Principal SDUMC and Professor of Pathology
Dr. N Sarala	Professor and HoD of Pharmacology
Dr. Vinutha Shankar M S	Professor and HoD of Physiology
Dr. K N V Prasad	Professor and HoD of Paediatrics
Dr. M Mohan Reddy	Professor and HoD of Psychiatry
Dr. S R Prasad	Professor of Microbiology
Dr. V Lakshmaiah	Professor of Medicine
Dr. C Muninarayana	Professor of Community Medicine
Dr. Suresh T N	Professor of Pathology
Dr. Prasanna Kamath B T	Professor of Community Medicine
Dr. Sudha Reddy V R	Professor of Paediatrics
Dr. Geetha S	Asst. Professor of Physiology
Dr. Mona Nongmeikapam	Asst. Professor of Psychiatry

### Details of Programmes Attended/ Conducted

#### Workshop Conducted:

Date	Workshop	No. of Participants	Contact Hours
26 May 2016	Workshop on “Microteaching for PGs (MD/MS)” 2015-16 batch	PGs: 47	08
8 - 10 Aug 2016	“Orientation and Research Methodology Workshop” for PGs (MD/MS) 2016-17 batch	<b><u>Day-1 (All PGs)</u></b> PGs: 69 <b><u>Day-2 &amp; 3 (MD/MS)</u></b> PGs: 51	08 16
3 Sept 2016	Workshop on “Competency Based Medical Education” for Faculty. Conducted by - Dr. Nachiketh Shankar, Associate Professor of Anatomy, St. John’s Medical College, Bangalore	Faculty: 34	08
7 Sept 2016	Orientation Course for II MBBS Students 2015-16 batch	UGs: 100	05
6 Oct 2016	Orientation Course for I MBBS Students 2016-17 batch	UGs: 130	08
11Nov 2016	Guest Lecture on “Present System of Higher Education in India” on the occasion of Birth Anniversary of Bharat Rathna Maulana Abul Kalam Azad, by- Sri Bisappa Gowda, LLB, Advocate and Secretary of Janatha Educational Institutions, Kembodi	Faculty and Students: 185	02
28-30 Nov 2016	Revised Basic Course Workshop in Medical Education Technologies for Faculty	Faculty - 27	24
15 Mar 2017	Orientation Course for new Interns (March 2017 Batch)	Interns - 90	08

#### a. Workshop Attended:

Date (s)	Workshop	Name of the faculty
22-26 April 2016	<u>1<sup>st</sup> Contact Session</u> of the “MCI Fellowship in Medical Education” at MCI Nodal Centre for Faculty Development, St. John’s Medical College, Bangalore	Dr. Muninarayana C Dr. Mona Nongmeikapam

26-28 April 2016	2 <sup>nd</sup> Contact Session of the “MCI Fellowship in Medical Education” at MCI Nodal Centre for Faculty Development, St. John’s Medical College, Bangalore	Dr. KNV Prasad Dr. Prasanna Kamath B T
19 June 2016	Professional Development Workshops on 1. Developing Meaningful Assessment 2. Validation of Assessment Tools PSG- FAIMER Regional Institute Alumni. (As part of 10 <sup>th</sup> Anniversary Celebrations) Coimbatore	Dr. Sarala N
27- 29 June 2016	Observed the Revised Basic Course MET Workshop at St. John’s Medical College, MCI Nodal Centre for Medical Education, Bangalore	Dr. KNV Prasad
27- 30 June 2016	Sensitization Programme of Attitude and Communication (AT-COM) Module and Revised Basic Course Workshop at MCI Nodal Centre, St. John’s Medical College, Bangalore	Dr. Suresh T N
17 - 20 Oct 2016	Sensitization Programme of Attitude and Communication (AT-COM) Module and Revised Basic Course Workshop at MCI Nodal Centre, St. John’s Medical College, Bangalore	Dr. Prasanna Kamath B T Dr. Geetha S
21 Oct 2016	Sensitization Programme for Attitude and Communication (AT-COM) Module at MCI Nodal Centre, St. John’s Medical College, Bangalore	Dr. Mona Nongmeikapam
5 - 7 Dec 2016	<u>MCI Observer</u> for Revised Basic Course MET Workshop at Hassan Institute of Medical Sciences and Research, Hassan	Dr. Sarala N
16 - 22 Feb 2017	76 <sup>st</sup> National Course on Educational Sciences for Teachers of Health Professionals (NTTC) at JIPMER, Puducherry	Dr. Asha B

### Research Projects (Completed):

Title of the Research Project	Principal investigator	Department
Mini clinical exercise evaluation (Mini Cex): students and faculty members perception	Dr. Sudha Reddy V R	Paediatrics
Knowledge, attitude and practice of specific learning objectives among Teaching Medical faculty	Dr. T N Suresh	Pathology
Perception of Medical interns towards the skills Acquired (Dr. Sarala N, Dr. Sowmya C)	Dr. Meenakshi Lella	Pharmacology
Breaking bad news an experience among health professionals (Manpreet Kaur, Dr. Sarala N)	Ms. Megha Mohan	Pharmacology
Problem Based Learning (PBL) as the tool for comprehensive learning of communicable and non-communicable diseases by the students of 6 <sup>th</sup> term students of MBBS	Dr. Prasanna Kamath B T	Community Medicine
1 “360 <sup>0</sup> /Multisource feedback (MSF) as a tool for assessment and improvement of Intern’s performance – An interventional Study	Dr. K N V Prasad	Paediatrics
Perception and attitude of students regarding part completion tests (PCT)	Dr. Bhuvana K	Pharmacology
Student and faculty perception regarding open book tests in Physiology	Dr. Vinutha Shankar M S	Physiology
Objective structured practical examination (OSPE) as a tool for formative assessment in Community Medicine	Dr. Muninarayana C	Community Medicine
Video-assisted teaching versus traditional didactic lecture in undergraduate Psychiatry teaching ( Sarala N, Mohan Reddy M)	Dr. Mona Nongmeikapam	Psychiatry

### Research Projects (On-going):

Title of the Research Project	Principal investigator	Department
Is computer assisted learning superior to the conventional methods in understanding the principles of blood grouping?	Dr. Geetha S	Physiology
Mind mapping as learning tool in anatomy for undergraduates ( Shashidhar K Venkateshu K V)	Dr. Vinay Kulkarni	Anatomy

A comparative study on I <sup>st</sup> MBBS students performance in Multiple Choice Questions and by conventional methods (Divya C, Shashikanth K, Venkateshu K V)	Mrs. Krishnaveni C	Anatomy
Effectiveness of OHP transparent sheet overlay technique as Teaching Learning Media in Anatomy (Dr. Ashwini N S Shashidhar, Divya C)	Dr. Venkateshu K V	Anatomy
Introducing Problem Based Learning in Anatomy for first year MBBS students. Ashwini N S, Mrs. Krishnaveni C K V Venkateshu)	Dr. Divya C	Anatomy

**Publications (April 2016 to March 2017): Accepted**

Title of the paper	Authors	Journal
Perception of Medical interns towards the skills acquired	Meenakshi L Sarala N Sowmya C	The National Medical Journal of Education

**Achievements/ Honors/ Awards/ Fellowships:**

**a. Faculty:**

- Dr. Sarala N was **appointed as Adjunct Faculty** in the Department of Medical Education, St. John's Medical College (MCI Nodal Centre for Faculty Development) at St. John's Medical College, **Bangalore** from 1<sup>st</sup> May 2016 (Period of one year)
- Dr. Vinutha Shankar M S, **was a Guest Faculty** at 9<sup>th</sup> PSG-FAIMER Regional Institute Faculty Development Programme in Medical Education, **Coimbatore** from 14<sup>th</sup> -19<sup>th</sup> June 2016
- Dr. Sarala N was **MCI Observer** for Revised Basic Course MET Workshop at Hassan Institute of Medical Sciences and Research, **Hassan** from 5<sup>th</sup> – 7<sup>th</sup> Dec 2016

**Faculty with Advance Course in Medical Education:**

Dr. Suresh T N, Professor of Pathology  
 Dr. Sudha Reddy V R, Professor of Paediatrics  
 Dr. KNV Prasad, Professor and HoD Paediatrics  
 Dr. Prasanna Kamath B T, Professor of Community Medicine

## DEPARTMENT OF ALLIED HEALTH SCIENCES

### VISION:

Honing skills of Allied health care professionals for healthy humanity

### INTRODUCTION:

The Department of Allied health sciences (AHS) was established in 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 Department offers three post graduate, six undergraduate and four certificate programs under Faculty of Allied Health Sciences on obtaining academic and administrative approval by the Academy.

The Department has total students strength of 332 that consists of 311 students from B.Sc. Allied Health science stream, 17 students from certificate in Home care Nursing, 04 students from M.Sc. Medical laboratory technology.

In addition, the Department has established a self-Financing Unit (SFU) of NSS with requisite infrastructure. The NSS Unit volunteers also participated in state level NSS programme in outside the University.

### Thrust areas identified

Proteomics and Enzymology

- Advanced Research in Preeclampsia
- Research on Phytochemicals as therapeutics

### Teaching Faculty



**L-R (sitting)** Dr Harish, Dr. C.D Dayanand, Mr. T. Suresh, **L-R (standing)** Mrs Munilakshmi, Dr. S. Geetha, Miss Pravallika

### List of Teaching Faculty

Name	Designation
Dr. C. D. Dayanand.	Professor & Head
Miss Pravallika	Lecturer in Physiology
Mrs Munilakshmi	Lecturer in Biochemistry
Mr. T.Suresh	Lecturer in Anatomy
Dr Harish	Lecturer in pharmacology
Dr Geetha S.	Lecturer in Pathology

### Achievements / honors / awards / fellowships if any during the year

Faculty: Miss.Mary Shobha Rani Inala-Research Assistant Awarded Prize for BEST PAPER PRESENTATION in Cutting Edge Innovation & Future prospects in Biotechnology held on 27<sup>th</sup> & 28<sup>th</sup> Feb 2017 in Sri Padmavathi Mahila vishvavidhyalayam, Tirupathi.

Conferences Attended	Name of the faculty
South Zone regional Student Research Convention-Anveshan on 2 <sup>nd</sup> & 3 <sup>rd</sup> March 2016	Mary Shobha Rani Inala
South Zone regional Student Research Convention-Anveshan on 15 <sup>th</sup> & 16 <sup>th</sup> February 2017 held at Tumukur University.	Mary Shobha Rani Inala
Cutting Edge Innovations & Future Prospects of Biotechnology on 27 <sup>th</sup> & 28 <sup>th</sup> Feb 2017 at Sri Padmavathi Mahila Visvavidhyalayam, Tirupathi.	Mary Shobha Rani Inala

Papers presented : oral presentation	Name of the faculty
Anti-bacterial activity of flavonoids isolated from <i>Pongamia pinnata</i> Linn on multi-drug resistant gram negative bacteria in "in South Zone regional Student Research Convention-Anveshan on 15 <sup>th</sup> & 16 <sup>th</sup> February 2017 held at Tumukur University.	Mary Shobha Rani Inala Dr.C.D.Dayanad Dr.P.M. Beena Dr.A.V.M.Kutty
Preliminary phytochemical analysis and antibacterial activity of <i>Allium cepa</i> L springs on <i>Pseudomonas aeruginosa</i> in Cutting Edge Innovations & Future Prospects of Biotechnology on 27 <sup>th</sup> & 28 <sup>th</sup> Feb 2017 at Sri Padmavathi Mahila Visvavidhyalayam, Tirupathi. <b>Awarded Prize Best Poster Presentation</b>	Mary Shobha Rani Inala Kiranmayee P

#### Research projects (Completed):

Project No.	Title of the research project	Principal Investigator & Co Investigator
SDUAHER/KLR/R&D/39 / 2017-18	Flavonoids- A phytochemical constituent used for growth suppression of Pure culture & Clinical isolate of <i>Acinetobacter baumannii</i>	Mary Shobha Rani Inala Dr CD Dayanand Dr PM Beena

#### Research projects (On going):

Project No.	Title of the research project	Principal Investigator & Co Investigator
SDUAHER/KLR/R&D/39/2017-18	Evaluation of Antibacterial activity of flavonoids on Multi drug resistant gram negative bacteria.	CD Dayanand,

### MD/MS Dissertations / Ph.D. thesis (2016-17 batch)

Name of the student	Guide	Co-guide (if any)	Topic
Dr Shilpa MS dissertation	Dr. Munikrishna	Dr C.D.Dayanand	Serum Vitamin D levels in term pregnancy
Jyothi A MD Dissertation	Dr.Sudha Reddy	Dr C.D.Dayanand	Association of serum vitamin D levels with severity of acute respiratory tract infections in children

### Publications (April 2016 to March 2017):

Title of the paper	Authors	Journal	Departments
Relationship between Xanthine Oxidase, Ischemia Modified Albumin, Nitric Oxide with Antioxidants in Non-Pregnant, Pre and Post-delivery of Normal Pregnant and Preeclampsia.	Vanishree B, CD Dayanand,	Indian Journal of Clinical biochemistry 2016/DOI 10.1007/s12291-016-0599-0.	Biochemistry & Allied Health Science
Relationship between plasma elastase, phospholipase A2 and high sensitivity C - reactive protein in non Pregnant, pre and post-partum of normal Pregnant and preeclampsia	Vanishree B, CD Dayanand, SR Sheela	Asian Journal of Pharmeceutical and clinical research. 2017; 10(1):317-20.	Biochemistry & Allied Health Science
Evaluation of xanthine oxidase inhibitory activity by flavonoids from <i>pongamia pinnata linn</i>	Vanishree B, CD Dayanand, SR Sheela	Asian Journal of Pharmeceutical and clinical research. 2017; 10(3):1-3.	Biochemistry & Allied Health Science
Association of serum vitamin D levels with severity of acute respiratory tract infections in children from an area with abundant sunlight	Dr.Jyothi A Dr.Sudha reddy Dr.C.D.Dayanand	International Journal of Current Research 2017, 49371-49376	Department of Pediatrics & Allied Health Sciences

### Publications (April 2016 to March 2017): Accepted for Publication

Title of the paper	Authors	Journal
Flavonoids- A phytochemical constituent used for growth suppression of Pure culture & Clinical isolate of <i>Acinetobacter baumannii</i>	Mary Shobha Rani.I, CD Dayanand, Beena PM, mAVM. Kutty	Annals of Clinical Microbiology and Antimicrobials

## 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 Advisory Board
2. Central Ethics Committee
3. 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/RR13).

### Thrust areas

- 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:**

Name	Designation
Prof.C.V.Raghuveer	Vice Chancellor
Dr.A.V.M.Kutty	Registrar and Dean of Allied Health Sciences and R&D
Dr. PR Krishnaswamy	Scientific Advisor, SDUAHER
Dr.T.N Suresh	Co-ordinator, R&D

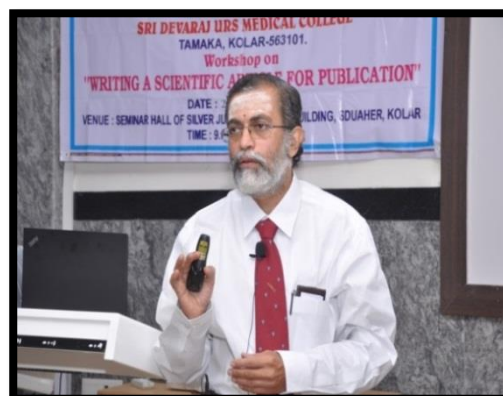
**Details of programs conducted**

Date	Workshop conducted	Resource Persons
16 -17 Sep 2016	7 <sup>th</sup> Research Methodology Workshop on 32 teaching staff attended the workshop	<ol style="list-style-type: none"> <li>1. Prof. CV Raghuveer, Vice Chancellor, SDUAHER</li> <li>2. Dr. TN Suresh Coordinator (R&amp;D)</li> <li>3. Dr. N Sarala, Prof&amp; HOD of Pharmacology</li> <li>4. Dr. Satish Ramachandra Rao, Professor, Dept. of cellular Biology &amp; Molecular Genetics.</li> <li>5. Dr. B.G. Ranganath Prof. &amp; HOD of Com. Medicine</li> <li>6. Dr. Muninarayana C Professor Com. Medicine</li> <li>7. Dr. S.R.Prasad, Director of PG studies</li> <li>8. Dr. Bhuvana K. Asso.Professor of Pharmacology</li> <li>9. Mr. Ravishankar Asst. Prof.Com. Medicine.</li> <li>10. Dr. Mahesh, Asst. Prof.Com. Medicine.</li> <li>11. Dr. KNV Prasad, Prof. &amp; HOD of Pediatrics.</li> </ol>
25 Mar 2017	Writing a Scientific article for Publication	<p>Dr. P.V.L.N. Srinivasa Rao Professor &amp; Head Department of Biochemistry S.V. Institute of Medical Sciences Tirupati.</p> <p>Dr. Alladi Mohan, Professor and Head, Department of Medicine , Sri Venkateswara Institute of Medical Sciences Tirupati,</p> <p>Dr. Dipankar Nandi, Professor of Biochemistry &amp; Molecular Biology Indian Institute of Science Bengaluru</p>

## 7<sup>th</sup> Research Methodology Workshop



Workshop on “Writing a Scientific article for Publication” on 25/3/2017.



New approved University Funded Research Projects.

Title of the project	Investigators Detail
Attenuation of pain due to protocol intravenous injection by pre-treatment with ondansetron and lignocaine: randomized study.	Dr. Bhuvana K Associate Professor Pharmacology
Comparative study of intraregional BCG and PPD in the treatment of multiple cutaneous warts.	Dr. Rajashekar T.S Professor & HOD, Dermatology
Early detection of cardio toxicity in organ phosphorus poisoning.	Dr. Raveesha .A Professor General Medicine
Association between subclinical hypothyroidism and diabetic retinopathy in type 2 diabetic patients.	Dr. Raghavendra Prasad Professor General Medicine
Influence of Serum levels of Vitamin D on insulin sensitivity in patients with type 2 Diabetes Mellitus	Dr. Raghavendra Prasad Professor General Medicine

Association of serum iron indices with Insulin Resistance Index in glycemic off-springs of diabetics and non-diabetics.	Dr. Shobha M.V. Assistant Professor Physiology
Effectiveness of saturated salt solution to embalm cadavers in comparison to Thiel solution and formalin solution for surgical skill training.	Dr. Ashwini .N.S. Assistant Professor Anatomy
A study of life style modification with and without metformin in prediabetes subjects.	Dr. Asha.B Associate Professor Pharmacology
Evaluation of clinical, histomorphological and immunohistochemistry markers in oral squamous cell carcinoma with nodal metastasis.	Dr. TN Suresh Professor Pathology
Screening of bactericidal action of flavonoid components from seed extracts of Pongamia pinnata Linn against Multidrug resistant gram negative bacteria.	Ms. Mary Shobharani Research Assistant Allied Health science
Synthesis, characterization and cytotoxic influence of Allamanda cathartica latex green nanoparticles on lymphocytes.	Dr. Kiranmayee. P Scientist D Cell biology & molecular Genetics

## PUBLICATIONS

PAPER TITLE	AUTHOR	JOURNAL
Study of Efficacy of Epidural Methyl Prednisolone Acetate in Lumbar Radiculopathy.	Venkata S K, Narayan Gudi S, Ravi M, PV Manohar	Journal of Dental and Medical Sciences. 2016;15(4):17-20.
Analysis of package of drugs utilized in a tertiary care hospital.	Dass Ashwitha Shruthi N Sarala, K Bhuvana,	Journal of Young Pharmacists. 2016;8(3): 275-278
Comparative study of intrathecal bupivacaine with additives buprenorphine and fentanyl for post operative analgesia- .	Kiran N Ravi madhusudhana, Dinesh .K, Naga Seshu Kumari Vasantha	Journal of Dental and Medical science 2016;15(6):39-42
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 Munireddy, H Girish, K Krishna Prasad, Harsha Rajareddy.	International Journal of Scientific Study. 2016;3(1):134-138.

To compare the safety and efficacy of naftopidil and tamsulosin as medical Expulsive therapy in combination with	Chandhan,K.R, H Girish, Shashirekha C A.	International Journal of Current Research. 2016;8(3): 27635-27639,
Evaluation of capsular tension ring implantation in phacoemulsification of Cataracts with pseudoexfoliation syndrome.	Preeti Biradhar, Narendra P Datti Kanthamani Dilip Kumar	International Journal of Current Research. 2016;8(3):28475- 28 78
Role of Buccal Pad of Fat in Reconstruction of the Buccal Mucosa Defects.	A Sagayaraj N Divya Jyothi, S M. Azeem Mohiyuddin B. Vageesh Padiyar	Indian Journal of Otolaryngology and Head & Neck Surgery · 2017;69(1):20-23
Acute Pancreatitis, Hepatitis and Bone Erosion in Acute Yellow Phosphorous Compound Poisoning A Rare Complication	Prabhakar .K Parimala .S Arun V, Prasad Chandrakala .S	Journal of Clinical and Diagnostic Research. 2016 ;10(6):3-5
Histopathological challenges in diagnosis of breast tumors.	Mohankumar K, Suresh T N, Vikranth S N, Vivekanand.	International Journal of Recent Scientific Research. 2016;7(1):8496 – 8498.
Penetrating abdominal injury: our experience in a rural tertiary care Centre.	Naveen P, A.Bhaskaran , Pavan.BK	International Journal of Research in Health Sciences. 2016;4(1):31-33.
Spigelian Hernia with Homolateral Direct Inguinal Hernia: A Rare Case Report	H Vivek, A Bhaskaran, B K Pavan, Asadulla Beig, K H Vivekanand.	Hernia with Homolateral Direct Inguinal Hernia. 2016;3(1):12-14
Laparoscopic subtotal cholecystectomy for complicated gall bladder surgeries: Experience at our setup.	Prashant K. Dhannur, Krishna Prasad Gaurav Prasad.	International Journal of Medical Research & Health Sciences. 2016;5(3):13-16.
Surgical presentations with abdominal pain in dengue fever	Shashirekha C. A, Sreeramulu P N , Ravikiran H R, Pawan Katti.	International Surgery Journal. 2016; 3 (2) :754-756

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 Journal Pharmacology Clinical Research, 2016;9(4): 168-172.
A comparative study of the ionic and total calcium levels in women with thyroid dysfunction	Deena Mendez, Mamatha Kunder, Shashidhar KN, Lakshmaiah V.	International Journal of Medical Science and Public Health. 2016;5(4):633-637.
Usefulness of serum gamma glutamyl transferase in assessing severity of Preeclampsia	Sumathi ME Ruta Ujjval Joshi Gomathy E, Shashidhar K N.	International Journal of Clinical Biochemistry and Research. 2016;3(2): 245 - 249
Association of serum gamma glutamyl transferase with lipid abnormalities in end stage renal disease	R Sowmi, Sumathi M.E KN Shashidhar, B N Raghavendra Prasad.	Apollo Medicine 2016;13(2):14–117
Gamma glutamyl transferase as a marker in Metabol Icsyndrome.	Vaishnavi Alam, V Lakshmaiah, Prabhakar K, Harish Kumar, Reddy Prasad, Sumathi M.E	European Journal of Pharmaceutical and Medical Research. 2016,3(4), 459 - 464
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Doctor's Perception on Integrated Medicine: A Survey	Asha Basavareddy, Meenakshi Lella, Sarala N.	Journal of Basic and Clinical Pharmacy.  2017;8(2):62-65
Phospholipase A2, Plasma Elastase Activity In Pre- And Post-Partum Of Pre-Eclamptic Women	Dayanand CD, Vanishree bambrana, Sheela SR.	Asian Journal Pharmaceutical Clinical Research.  2017;10(1):317-320
evaluation of xanthine oxidase inhibitory activity by flavonoids from Pongamia Pinnata Linn	Vanishree bambrana Dayanand CD Sheela SR	Asian Journal Pharmaceutical Clinical.  2017; 10(3)360-362
Leishman-Giemsa Cocktail - Is it an Effective Stain for Air Dried Cytology Smear.	Shilpa M D, Hemalatha A Shashidhar K.N SR Prasad	Journal of Clinical and Diagnostic Research.  2017 ;11(3)16-18
Influence of Central Obesity Assessed by Conicity Index on Lung Age in Young Adults	Usha Shenoy, Jagadamba.	Journal of Clinical and Diagnostic Research.  2017;11(4):9-12
Duration of swimming practice among elite swimmers exerts	A Deepali, PN Ravindra, MV Shobha	Indian Journal of physiology

differential effect on large and small airway function	Pralay Mujumdar, M Mandal	pharmacology. 2017;61(1):52-57
Acute methemoglobinemia following unknown compound exposure: two case reports.	Sudha Reddy, Malikireddy, Hima bindu, Krishnappa J.	European journal of pharmaceutical and medical research. 2017;4(4):424-426.
To study the effect of excessive daytime sleepiness on critical fusion frequency in medical students.	Gaythri, Shobha MV, Jagadamba A.	Journal of dental and medical science. 2017;6(4):60-64.
Tumor necrosis factor alpha gene promoter -238G/A polymorphism increases the risk of psoriasis vulgaris in Indian patients	Deepa Rajesh, Rajesh G, A V M Kutty, Sharath.	International Journal of Dermatology. 2017;56:307-3011
Profile of Tumour Necrosis Factor Alpha -308 G/A Gene Polymorphism in Psoriatic Patients in Karnataka, India	Deepa Rajesh, Chaitra Chowdappa, Rajesh Gurumurthy, A.V. Moideen Kutty, Sharath B.	Journal of Clinical Diagnostic research.2017;11(2):1-4
The in vitro Cytotoxic and Molecular Docking Studies of Newly Synthesized Fused Benzoxazole-Triazole Derivatives	SH Shreedhara, HM Vagdevi, ND Jayanna, R Raghavendra, P Kiranmayee, Prabhu Das, Mohammed Shafeulla R.	Journal of chemical and pharmaceutical research.2017;9(5):108-119
A Comparative Study of Halothane versus Sevoflurane for Induction of Anaesthesia and Tracheal Intubation in Children.	Sinam Hemoni Devi, Somasekharam P, Ravi M, Dinesh K.	Journal of Dental and Medical Sciences. 2017;16(6):90-95
Adherence to antiepileptic therapy in adults.	Sowmya C, Sarala N Venkatarathnamma P N	Journal of Neurosciences in Rural Practice. 2017;8(3):417-420
Expression of beta estrogen receptor in benign prostatic hyperplasia and adenocarcinoma of prostate	Nishit, CSBR Prasad Swaroop Raj B.V	International journal of recent scientific research. 2017;8(3):15843-15847
Epidermoid Cyst of Breast - A Common Benign Lesion, in an Uncommon Site	Chandana Reddy, Shilpa M D, PN.Sreeramulu, CSBR Prasad.	International Journal of health sciences & research. 2017(5):414-417

Congenital Dengue Infection- Escape Of One Twin A Case Report	Roshith J Kumar, K N V Prasad.	European Journal Of Pharmaceutical And Medical research.2017;4(2):589- 590
A Case Report Of Vacterial Association.	Krishnappa J, Jyothi.A	European Journal Of Pharmaceutical And Medical research. 2017;4(1):399-400
A Rare Case Report - Isolated Asymptomatic Absent Manubrium Sternii In Healthy Infant	Bhanuchand P, Malikereddy Hima bindhu, Beere gowda Y C	European Journal Of Pharmaceutical And Medical research. 2017;4(2):562-564
Study Of Hyponatremia In Critically Ill Children Admitted To Paediatric Intensive Care Unit.	Malikereddy Hima bindhu, Beere gowda Y C	European Journal Of Pharmaceutical And Medical research. 2017;4(4):427-431
Association of serum vitamin d levels with severity of acute respiratory tract infections in children from an area with abundant sunlight	Jyothi A, Sudha Reddy V.R, Dayanand, C. D	International journal of current research. 2017;4:49371-49376
Etiological, Clinical And EEG Profile Of Neonatal Seizures- An Institutional Study	Roshith Kumar J, KNV Prasad	European Journal Of Pharmaceutical And Medical research. 2017;4(4):569-577
Association of maternal angiotensinogen gene M235T polymorphism with preeclampsia in South India: A tertiary care hospital based case-control study	Krishnaveni C, Pushpa Kotur, Mitesh Shetty, Praveen kumar, Jagadish TV, Nagarjuna Sivaraj, Sharath B.	Meta Gene. 2017;11:108-110.
Morphometric And Morphological Analysis Of Foramen Ovale In Dry Human Skulls	Ashwini NS Venkateshu KV	International Journal Of Anatomy and Research. 2017;5(1):3547-3551
Morphometric Analysis Of Bicipital Groove Of Upper End Of Humerus In South Indian Population	Ashwini NS Venkateshu KV	International Journal Of Anatomy and Research. 2017;5(2.2):3870-3875

Morphometric Analysis Of human adult kidneys: A Cadaveric study	Ashwini NS, Divya C, Venkateshu KV.	International Journal Of Anatomy and Research. 2017;5(2.3):3900-3904
A study on evaluation of phospholipase A <sub>2</sub> gene polymorphism and the expression in terms of phospholipase A <sub>2</sub> enzyme in preeclampsia	Nagarjuna Sivaraj, Dayanad C.D, Sheela S.R	International journal of current research. 2017;9(5):49784-49787
Management of 28 weeks of gestation with traumatic splenic rupture	Sheela SR, Shashirekha CA, Ashritha R, Sreeramulu PN.	Journal of case report. 2017;7(1):37-
Pulmonary alveolar microlithiasis with bronchial asthma	Suahs S Aithal, Jagmohan SV, Lakshmaiah, Prabhakar K, Abhishek Verma.	International Journal of Current Advanced Research. 2017;6(3):2671-2672
Postpartum anasarca-rare case report.	Rakesh Garlpati, B.N.Raghavendra Prasad, Prasanna Kumar, Prabhakar	International Journal of Scientific Research. 2017;6(4):1741175
Pleural Mesothelioma-rare presentation	Vennela devarapalli, Prabhakar. K, Rakesh Garlpati, Dr. Vishwanatha Reddy.	International Journal of Scientific Research. 2017;6(5):314-315
A Rare Case of Bacteremia Due to Acinetobacter in an Immunocompetent Adult.	Rakesh G Prabhakar K, Thanuj. K.V	International Journal of Scientific Research. 2017;5(11):
Comparison of fibrin glue and sutures for attaching limbal conjunctival autograft after pterygium excision	Prashanth, B. M.S, Narendra P Datti, M.S., Kanthamani, Sangeetha, T, Shrey Maheshwari, Bhavya Reddy and Dildar Singh.	International journal of current research. 2017;9(3):47541-47544
Plasma Neutrophil Elastase, $\alpha$ 1-Antitrypsin, $\alpha$ 2-Macroglobulin and Neutrophil Elastase- $\alpha$ 1-Antitrypsin Complex Levels in patients with Dengue Fever	Mamatha Kunder, V Lakshmaiah, AVM Kutty.	Indian Journal of Clinical Biochemistry 2017). <a href="https://doi.org/10.1007/s12291-017-0658-1">https://doi.org/10.1007/s12291-017-0658-1</a> 2017;
A comparative study of visual outcome with superior, Supero temporal and temporal incisions	Dildar Singh, Kanthamani K.	International Journal of Current Research. 2017;9(3): 47481-47483

in manual small incision cataract surgery		
Role of Buccal Pad of Fat in Reconstruction of the Buccal Mucosa Defects	A Sagayaraj N Divya Jyothi, S M. Azeem Mohiyuddin B. Vageesh Padiyar	Indian Journal of Otolaryngology and Head & Neck Surgery · 2017;69(1):20-23
A Comparison of complications between Laparoscopic Appendicectomy and open appendicectomy	Shashirekha.CA, Ravikiran.HR, Sankar Vikas, Krishna Prasad.K, Sreeramulu.PN, Sathanantham Dinesh K	Journal of Anesthesia & Surgery.  2017;2(1):1-5
Management of 28 Weeks of Gestation with Traumatic Splenic Rupture	Sheela SR, Shashirekha CA, Ashritha R, Sreeramulu PN.	Journal of Case Reports  2017;7(1):37-38
A Rare Case of Gastric Perforation and Acute Appendicitis – Case Report	Sreeramulu PN	Journal of Medical Science and Clinical Research.  2017;5(3): 18652- 18653
Proliferating Trichilemmal Tumor – Case Report	Raghupathi.S, Prakash, Suma S, Sreeramulu PN	Journal of Medical Science and Clinical Research.  2017;5(3): 18625 - 18627
Helicobacter in Biliary Calculus Disease: Histopathological and Serological Association in a Rural Population of Southern India	Sreeramulu.PN, Harish Kumar, Karthik Hareen TVK Srinivasan.D	Open Access Journals of Surgery,  2017;3(2):1-4
Epidermal Cyst in the Breast: A Diagnostic Dilemma	PN Sreeramulu,  Naveed Ahmed Khan, D.Srinivasan,  K.Gopinath	Indian Journal of Surgical Oncology  2017; 8(3): 417–419
Isolated Perforation of Ascending Colon Following Blunt Abdominal Trauma: Case Report with Review of Literature	Sathanantham DK, Amit Mittal, Sreeramulu PN, Srinivasan,	Austin Surg Case Rep. 2017; 2(1):1014

	Aishwarya.MS	
Pin Worm Causing Appendicitis a Rare Entity	PN Sreeramulu, Naveed Ahmed Khan R, Srinivasan Dorai, KMD Hafsa Khanam	Journal of Medical Science and Clinical Research. 2017;5(4): 21042-21044
Blood Safety: New challenges & Opportunities in Developing Nation	Subhashish Das	Journal of Bacteriology & Mycology. 2017;4(5):
The Comparison of antibody titrations by using conventional tube method and column agglutination technology	Subhashish Das, Shabibir Ahmed khan , Phebe G.	European journal of biomedical and pharmaceutical sciences. 2017;4(7):
In vitro characteristic of platelets stored in additive solution: an institutional study.	Subhashish Das, M.L. Harendra Kumar	European journal of biomedical and pharmaceutical sciences. 2017;4(5)
Jarcho-Levin syndrome (spondylocostal dysostosis) associated with Sprengel Deformity.	C.M.Bindu, Krishnappa J, Purnima Hegde, M.Bharath.	Clinical Science Research. 2017;6:46-49.
Credibility of locking plate in treatment of distal end radius fractures with intra articular extension.	Parvataneni Prathap, Arun HS, Buddai Nagarjun.	International Journal of Orthopaedics Sciences. 2017;3(2):774-778
Usefulness of supraclavicular flap in reconstruction following resection of oral cancer.	Vageesh Padiyar, S.M Azeem Mohiyuddin, Sagayraj A, Shuaib Merchant.	World Journal of Otorhinolaryngology 2017:1-5

## 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 Department of Cell Biology and Molecular Genetics was established in 2012 under the faculty of Allied Health sciences. The faculty and staff of the Department are actively involved in the research programmes in the Genomics and Central Research laboratory. The Department has received recognition from the Department 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 area 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 conducting the programme.

### Thrust area identified:

- Congenital malformation in children
- Congenital Heart Disease
- Oral cancer
- Preeclamptic Toxemia
- Immunogenetics
- Pharmacogenomics
- Anticancer compounds from plants
- Proteins of therapeutic interest

### Teaching Faculty:



L-R Seated: Dr. Kiranmayee P., Dr. Sharath B.  
L-R standing: Mrs. Divya C., Mr. Jagadish T.V., Mrs. Deepa R.

### Teaching Faculty:

Name	Designation
Dr. A. V. M. Kutty	Professor & Dean
Dr.P.R.Krishnaswamy	Emeritus Professor
Dr. Sharath B.	Assistant Professor
Dr. Kiranmayee P.	Assistant Professor
Dr. Mitesh Shetty	Visiting Faculty
Mrs. Divya Bose	Research Assistant
Mr. Vaigundan D.	Research Assistant
Mrs. Deepa Rajesh	Research Assistant
Mr. Jagadish T. V.	Research Assistant



Dr.P.R.Krishnaswamy  
Emeritus Professor

**Details of programmes conducted/attended as below**

<b>Date</b>	<b>Conferences attended</b>	<b>Name of the faculty</b>
20 Jun'17	'Biology and Molecular Pathogenesis of Viruses' Organised by: Department of Microbiology and Cell Biology, Indian Institute of Science, Bangalore.	Dr. Kiranmayee P.
27 – 28 Feb'17	'Cutting Edge Innovations & Future prospects of Biotechnology.' Organised by: Department of Biotechnology, Sri Padmavati Mahila Visvavidyalayam, Tirupati.	Dr. Kiranmayee P.

<b>Date</b>	<b>Workshop conducted</b>
19 Mar – 20 Apr 2017	'2 <sup>nd</sup> National Training Programme on Techniques in Genetics' Sponsored by: Dept. of Health Research, Ministry of Health & Family Welfare, Government of India.

<b>Date</b>	<b>Workshops Attended</b>	<b>Name of the faculty</b>
10 – 11 Dec 2016	'Advances and Challenges: Clinical Applications of ccf DNA.' Organized by: Institute of Bioinformatics and Applied Biotechnology, Bangalore.	Dr Sharath B.

<b>Date</b>	<b>Papers presented/ Poster presentation</b>	<b>Name of the faculty</b>
7 – 9 Nov 2016	'Preliminary screening of cytotoxic, apoptotic & antimicrobial activity of <i>Datura metel</i> L Leaf & flower extracts on ESBLs, MRSA & human peripheral blood lymphocytes.'  Presented at '2 <sup>nd</sup> Andhra Pradesh Science Congress,' Vijayawada, Andhra Pradesh.	Dr. Kiranmayee P.

**Research projects (Completed):**

<b>Title of the research project</b>	<b>Principle Investigator &amp; Department</b>
“Mutational analysis of Autosomal Recessive Congenital Ichthyosis with insights into structural and functional relationship of novel Transglutaminase-1 mutations”	Dr.P.R. Krishnaswamy Cell Biology and Molecular Genetics (CBMG)
“Evaluation of polymorphism in <i>TNF-α</i> gene in psoriasis”	Mrs. Deepa R. CBMG
"Occurrence of mutations in Nuclear Localization Signal motif of <i>TP53</i> gene in Oral Squamous Cell Carcinoma".	Mrs. Deepa R. CBMG

**Research projects (on going):**

<b>Title of the research project</b>	<b>Principle Investigator &amp; Department</b>
“Screening of congenital malformations in a tertiary care hospital”	Mrs. Divya C CBMG
“Genomic information driven investigation of nutritional requirement of <i>Leptospira</i> ”.	Dr. P.R. Krishnaswamy/ CBMG
“Screening and molecular characterization of beta-thalassemia in anemic pregnant women”	Dr. Mitesh Shetty CBMG
“Isolation & characterization of lectin from <i>Eugenia jambolana</i> Lam”.	Dr. Kiranmayee P. CBMG

**Research projects (New):**

<b>Title of the research project</b>	<b>Principle Investigator &amp; Department</b>
“Synthesis characterization and Cytotoxic influence of <i>Allamanda cathartica</i> latex green nanoparticles on Lymphocytes”.	Dr Kiranmayee P CBMG
“Association of PGMI c. 1258t>C gene polymorphism with diabetes: A case control study.”	Dr. Sharath B CBMG
“Cytogenetic studies on confined placental Mosaicism in pre-eclampsia using expelled placenta”.	Dr Mitesh Shetty CBMG
“Plasma level of 8-hydroxy-2’deoxyguanosine in circulating cell free DNA in Preeclampsia”. A case control study.	Dr. Sharath B CBMG

**M.Phil. Dissertation/Ph.D. thesis (topics given during 2016-17 Batch)**

<b>Name of the student</b>	<b>Guide</b>	<b>Co-guide (if any)</b>	<b>Topic</b>
Mr. Jagadish T. V.	Dr. Sharath B.	Dr. K. C. Prasad	“ Studies on Genetic and Immunological factors in chronic Otitis Media with special emphasis on Toll Like Receptor pathway 4”

**Publications:**

<b>Title of the Paper</b>	<b>Authors</b>	<b>Journal</b>
Genetic characterization of <i>Toxoplasma gondii</i> 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
Evaluation of antibacterial and antifungal activity of <i>Artemisia annua</i> during pre and post flowering stages	Jhansi Rani S Supraja P Sujitha A Kiranmayee P Usha R	International Journal of Current Research
Association of maternal angiotensinogen gene M235T polymorphism with preeclampsia in South India: A tertiary care hospital based case control study	Krishnaveni C Kotur P Shetty M Kumar P Jagadish T V Nagarjuna S	Meta Gene
Phytochemical investigation of <i>Caralluma attenuata</i> (Wight) roots.	Kiranmayee P Anitha K Usha R	International Journal of Pharmacognosy and Phytochemical Research
Isolation and identification of steroid triterpenoids from the polar and non-polar fractions of <i>Caralluma attenuata</i> (Wight) roots.	Kiranmayee P Anitha K Usha R	Int. J. of Pharma. and Phytochemical research
Evaluation of polymorphism in <i>TNF-<math>\alpha</math></i> and <i>CARD 14</i> genes in psoriasis.	Deepa R Sharath B A V M Kutty Rajesh G	International Journal of Dermatology

Tumor necrosis factor alpha gene promoter-238G/A polymorphism increase the risk of psoriasis vulgaris in Indian Patients.	Deepa R Sharath B A V M Kuty Rajesh G	International Journal of Dermatology
Profile of Tumor Nectrosis factor Alpha-308 G/A gene polymorphism in psoriatic patients in Karnataka	Sharath B Deepa R Chaitra C Rajesh G Kuty AVM	Journal of Clinical & Diagnostic Research

## DEPARTMENT OF INTEGRATIVE MEDICINE

**VISION:**

To make the department as a Center of Excellence in the field of Integrative Medicine through education, research and clinical services.

**INTRODUCTION:**

Integrative medicine is reflects in the definition of health. The World Health Organization (WHO) defines health as “a state of complete physical, mental and social wellbeing and not merely the absence of disease or infirmity.”

Integrative medicine seeks to restore and maintain health and wellness across a person’s lifespan by understanding the patient’s unique set of circumstances and addressing the full range of physical, emotional, mental, social, spiritual and environmental influences that affect health. Through personalizing care, integrative medicine goes beyond the treatment of symptoms to address all the causes of an illness.

In doing so, the patient’s immediate health needs as well as the effects of the long-term and complex interplay between biological, behavioral, psychosocial and environmental influences are taken into account.

In the year 2013, Dept. of Community Medicine, conducted ‘SAMANVAYA - a conference on Alternative Medicine’ which had brainstorming sessions on Ayurveda, Yoga, Unani, Siddha and Homeopathy (AYUSH) by eminent speakers from different specialty, which led the foundation for Integrative Medicine by upgrading the existing division of Yoga in Sri Devaraj Urs Academy of Higher Education and Research (SDUAHER), Kolar under the faculty of Allied Health Sciences. As far as our knowledge SDUAHER, is the first University to introduce Yoga in the medical and nursing curriculum.

## **THURST AREAS**

- Stress Management
- Chronic Low Back Pain
- Type2 Diabetes Mellitus
- Hypertension
- Dengue – Traditional Herbal Medicine
- Occupational Health
- Lifestyle / Psychosomatic ailments
- Healthy Pregnancy

## **FACULTY**

### **Core Faculty**

<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	<b>No. of years of experience</b>
Dr. A.V.M. Kutty	PhD(Biochemistry)	<b>Dean</b>	Biochemistry	37
Dr. Neetinakumar Patil	BAMS MD (Yoga) M.Sc.(Psy), [PhD-Yoga]	Assistant Professor & I/c	Ayurveda & Yoga Therapy, Integrative Medicine	6
Mrs. Sunita L.	YIC, PGDYP	Yoga instructor	Yoga therapy	2

### **Adjunct faculty for teaching and consultations**

<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>
Dr. Venkatarathnamma PN	MD(Med.) (PGDYP)	Professor	Geriatric Medicine, CVA
Dr.Lakshmaiah V.	MD(Med.)	Professor	Diabetology,
Dr. Arun HS	MD (Orthopaedics)	Professor	Knee surgery
Dr. Mohan Reddy	MD (Psychiatry)	Professor & HoD	Integrative Psychiatry
Dr. Madhavi Reddy	PhD (Nutrition)	Assoc. Prof.	Nutrition
Dr. Kumarswamy R.	BAMS, MSc (Anat)	Lecturer	Ayurveda, Anatomy
Dr. Vinay Kulkarni	BHMS, MSc (Anat)	Lecturer	Homeopathy, Anatomy

### Present Administration

1. Dr.A.V.M.Kutty : Dean, Allied Health Sciences.
2. Dr. Neetnakumar Patil : Associate Professor & In-charge,

To mark the 2<sup>nd</sup> International Day of Yoga, a conference on ‘**Yoga for Lifestyle Diseases**’ was jointly organized by Department of Integrative Medicine, Sri Devraj Urs Academy of higher Education and Research (SDUAHER) and Department of General Medicine, Sri Devaraj Urs Medical College (SDUMC) Kolar, which was supported by Central Council for Research in Yoga and Naturopathy (CCRYN), New Delhi, Ministry of AYUSH, Govt. of INDIA, on 21<sup>st</sup> June 2016 at the University Auditorium, SDUAHER, Kolar, Karnataka, INDIA.



Dr. Prabhavathi K, Consultanta Cardiologist, Jaydeva Institute of Cardiology, Bangalore, Shri G.H.Nagaraja, Hon’ble Secretary, SDUET, Dr. S.Kumar, Hon’ble Chancellor, SDUAHER, Dr. M.L.Harendra Kumar, Principal,SDUMC Dr. Prabhakar K, Prof & Head, Dept of Medicine & Dr. Lakshmaiah V, Professor of Medicine at Inaugration of Conference on ‘Yoga for Lifestyle Diseases’ at Sri Devaraj Urs Academy of Higher Education and Research, Kolar

**Speaker: Dr. Thimappa Hegde**, Head, Narayana Institute of Neurosciences, Bengaluru, Topic: Discovering Purpose , **Speaker: Dr. Nitin Patil**, Asst. Prof. and In-charge, Dept. of Integrative Medicine, SDUAHER, Kolar, Karnataka, Topic: Yoga Therapy – An Evidence Based Complementary and Alternative Medicine, **Speaker: Dr. Prabhakar K.**, Prof. & HOD, Dept. of Medicine SDUMC, Kolar, Karnataka, Topic: Yogic Management of Type II Diabetes Mellitus



### VISION:

“To create a complete medical professional, capable of imparting essential clinical skills to enhance safety during patient care”

### INTRODUCTION:

Learning is a continuous process in the field of life science. A clinician has to undergo training to upgrade his/her skills periodically to keep pace with the advances in medicine and changes in protocols. Availability of resources to practice in terms of patient and the issues related to perfection of skills is answered by practicing on manikins under supervision of a skilled certified trainer.

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.

### Centre for Clinical Skills & Simulations Monitoring committee (CCSS)



**Sitting (L to R):-** Dr. K.C Prasad, Dr. A. Raveesha, Dr. K. Dinesh, Dr. A. Bhaskaran (Director),

Dr. M. Ravi, Dr. V.R Sudha Reddy, Dr. E. Gomathy,

**Standing (L to R):-** Dr. N.S Sridevi, Dr. N. Savitha, Dr. Talasila Sruthi, Dr. T. Sangeetha, Dr. S.V Srinivas, Dr. T. Sumanth, Dr. S.M Murali, Dr. B.K Pavan. Dr. S. Hariprasad, Dr. Vikranth

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 3000 participants have undergone training in CPCR.

The Basic surgical skills include, suturing and knotting techniques, various procedural skills and training on Endotainers to develop laparoscopic skills.

### Following are some the skills facilitated by the Skill Lab

1. Suturing and knotting.
2. Laparoscopic Skills.
3. Intestinal/vascular anastomosis.
4. Tendon repair.
5. Principles of fracture fixation.
6. Neonatal resuscitation.
7. Optical functions of the eye.
8. Otoscopy/laryngoscopy/rhinology
9. Catheterization.
10. Abdominal/thoracic paracentesis.
11. Endotracheal/Nasogastric intubation.
12. CVP/chest tube insertion.
13. CPCR Training.
14. Labour techniques

### Activities Conducted by ccss from April - 2016 To March -2017

Date	Department	Workshop	Beneficiaries	Number of Delegates
19-04-2016 Demedcon 2016	Surgery ( OBG)	Basic Surgical skills Obstetric Drill	Interns, PGs &UGs	50
19-04-2016	Anaesthesiology Demedcon 2016	BLS	Interns, PGs &UGs	52
28-04-2016 29-04-2016	Ophthalmology	Diagnosis of various retinal disorders	VII terms Students	24
28-05-2016	Anaesthesiology	CPCR	Interns	38
14-06-2016 to 22-06-2016	Microbiology (HICC)	Hospital Infection control practices (Among Health Care Providers)	Teaching Faculty/ PGs/ Interns/ Nursing Staff	627
25-06-2016 27-06-2016	Ophthalmology	Diagnosis of various retinal disorders	VI Terms Student	20
04-07-2016 to 11-08-2016	Anaesthesiology	BLS	Teaching Staff/ Staff Nurses/ Drivers	272
23-08-2016	Ophthalmology	Diagnosis of various retinal disorders	VII terms students	12
08-09-2016	Anaesthesiology	CPCR	Teaching Staff	16
17-09-2016	Microbiology (HICC)	Hospital Infection control practices (Among Health Care Providers)	Interns	22
01-10-2016 03-10-2016 08-11-2016	Ophthalmology	Diagnosis of various retinal disorders	VII Term Students	32
19-11-2016	Anaesthesiology	DLT	PGs	12
23-11-2016 25-11-2016	Paediatrics	Basics of Neonatal Resuscitation	III Year B.Sc.(N)/ III Year GNM (N)	61
26-11-2016	Anaesthesiology	BLS	IV B.Sc. (N) GNM Interns	55
26-11-2016	OBG	Obstetric Drill	IV B.Sc. (N) GNM Interns	44
02-12-2016 03-12-2016	Central Diagnostic Laboratory	Phlebotomy	Lab Technicians/ Staff Nurses	86
12-12-2016	Anaesthesiology	DLT	PGs	07
16-01-2017 17-01-2017 to 31-01-2017	Hospital Infection control Committee	Hospital Acquired Infections Prevention & control practices	Teaching staff/ Staff Nurses	145
07-02-2017	Anaesthesiology	CPCR	Interns	39

23-02-2017 27-02-2017	Ophthalmology	Diagnosis of various retinal disorders	VII terms Students	23
06-03-2017	Hospital Infection control Committee	Hospital Acquired Infections Prevention & control practices	Interns	31
07-03-2017	Anaesthesiology	CPCR	Staff Nurses	33
16-03-2017 17-03-2017	Hospital Infection control Committee	Hospital Acquired Infections Prevention & control practices	Interns	93
28-03-2017	Ophthalmology	Diagnosis of various retinal disorders	VI terms Student	11



**Basic Surgical skills**

**Obstetric Drill workshop**



**Hospital Acquired Infections Prevention & control practices**



**DLT / BLS workshop**



**Paediatrics Workshop**

**VISION:**

Our vision is to strengthen public health institutional and systems capability and provide knowledge to achieve better health outcomes for all.

To create an equitable, integrated, decentralized, responsive and participatory health system within a just and empowered society.

**INTRODUCTION:**

Unlike Medicine which is mainly concerned with treatment of disease in sick individuals, Public health is the art and science of preventing disease, promoting health and maintaining health of population. The health of people is not only determined on health care services but also on human behaviour, nutrition, physical and biological environment, social and economic conditions, genes, etc. Hence the science of

public health is interdisciplinary in nature and involves the study of various disciplines such as epidemiology, biostatistics, demography, medicine, microbiology, nutrition, biochemistry, genetics, social and behavioural sciences and management sciences. Public Health personnel typically are involved in assessing the health status of population and in planning, implementation and monitoring of programmes to improve the people’s health. They study disease epidemics and take measure to control them. They work at administrative and managerial levels in health organizations of Government, Private, NGO’s and International agencies like WHO, UNICEF, etc. They are also employed in health research agencies and in academic institutions of public health.

**Trust areas:**

- Operational Research on Tuberculosis.
- Comprehensive Health Care of Elderly.

**Teaching Faculty details:**

<b>Name</b>	<b>Designation</b>
Dr Somashekhar NR	Asst Prof
Dr Arathi. VA	Lecturer
Dr Roopa. KS	Lecturer
Dr Manjula. R	Lecturer

**Details of programmes conducted/ attended.**

<b>CME attended</b>	<b>Name of the faculty</b>
Pharmacovigilance- monitoring and reporting in India Scenario, at SDS tuberculosis Research Centre and Rajiv Gandhi Institute of chest disease.	Dr Arathi. VA
Community based Health Care for the Elderly. Challenges and opportunities at St John’s Medical College	Dr Arathi. V.A, Dr Roopa. KS Dr Manjula. R

<b>Papers presented: oral presentation</b>	<b>Name of the faculty Presented</b>	<b>Name of the faculty attended</b>
Assessment of Implementation of Ban of Serology tests and Mandatory TB Notification in RNTCP Kolar	Dr Arathi. VA	Dr Roopa. KS Dr Manjula. R
Assessment of intensified TB case finding activities in integrated counselling and testing centre of Kolar district, Karnataka	Dr Manjula. R	Dr Arathi. VA Dr Roopa. KS

### Research projects (New):

<b>Title of the research project</b>	<b>Principal investigator &amp; department</b>
A longitudinal study regarding (SANSCOG) Study of Aging, Neuro Senescence and cognition at Srinivasapura taluk, Kolar district, in collaboration NIMHANS, Centre for brain Research and Indian Institute of Science, Bengaluru.	Dr PT Siva Kumar Dept of Psychiatry NIMHANS Dr Ranganath BG (Co-Investigator) Dept of Community Medicine
Impact of Different Approaches to Community Based Comprehensive Health Care of Elderly in Kolar	Dr Ranganath BG Dept of Community Medicine

### Publications:

<b>Title of the paper</b>	<b>Authors</b>	<b>Journal</b>	<b>Department</b>
Setting Intuitional Research Priorities and Need for Strengthening Institutional Research Capacity	Dr. Somashekhar.NR	Journal of Clinical and Biomedical sciences, 2015;5(3):93-95	Public Health
Emerging Health Care Markets and need for an Innovative Business Models for Equitable Health Care Service Delivery : A Health Policy Perspective	Dr. Somashekhar.NR	Journal of Clinical and Biomedical sciences, 2016;6(1):07-13	Public Health



## DEPARTMENT OF HEALTH SCIENCES LIBRARY & INFORMATION STUDIES (HSLIS)

### VISION:

The SDUAHER University Library and Learning Resource Centre links the academia with (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, and 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

### Library Staff

Name	Designation
Mr. Prakash	Senior Librarian
Mr. Deveraj B.V	Assistant Librarian
Mr. Gangareddy A	Assistant Librarian
Ms. Udayavani G	Assistant Librarian
Ms. Arshiya	Postgraduate Student
Ms. Baseera	Postgraduate Student

Currently, the collection of the library consists of 25244 volumes of books, 10832 back volumes (journals) and 1165 compact discs (CD). The library subscribes 53 foreign titles of current journals, 99 Indian journals. The library has well equipped digital library with 1Gbps Internet bandwidth and 40+ computers, printer's, scanners, and SPSS software to facilitate the users using ICT infrastructure in enhancing their reference based research work. 1299 new books were added to the library collection during the year.

### THRUST AREA:

Design & Development of exclusive website of ULLRC and provide value added services through the website.

#### Value added services

- Library news and announcement
- Added e-resources to website
- Subject getaway of health science resources

## 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.82, 00,000 for the year 2016–17 towards procurement of books (25%) and (75%) journals (Print and Online)

## Library Resources Usage Statistics for the year 2016-17

Description	Quantity
No. of days Library kept open during the year	357
No. of users ( Students/Teachers/Research Scholars) Visited	43871
No. of users utilized the Digital Library Facilities, Resources & Services	15318
No. of books referred by the Students/Teachers/Research Scholars	14369
No. of books circulated to the Students / Teachers / Research Scholars	12508
No. of current journals referred by Students/Teachers/Research Scholars	2868
No. of Back volumes of journals referred by Students/Teachers/Research Scholars	861
No. of Students/Teachers/Research Scholars photocopied reading materials	2207
No. of pages of reading material photocopied by Students/Teachers/Research Scholars	318305
No. of Students/Teachers/Research Scholars got printed of e-resources	1576
No. of pages got printed of e-resources by Students/Teachers/Research Scholars	62097
No. of Students/Teachers/Research Scholars got Scanning of e-resources	843
No. of pages got Scanning of e-resources by Students/Teachers/Research Scholars	1828
No. of Journals Clubs/ Seminars and meetings were conducted in the Seminar Hall	209

## Details of Programmes conducted / attended

### Conference Conducted

Date	KHSLA – 2017 Conference Conducted & organized
February 17- 18 2017	9 <sup>th</sup> annual conference of Karnataka Health Science Library Association on “Open Source Software and Open Access Scientific Literature for Health Science Libraries”



Date	Training Program for Users
1 Feb 2017	“How to access and enhance the search skills” on ProQuest database for Postgraduate Students, Research Scholars and Faculty of SDUAHER, Kolar.

### Workshop Attended

Date	Workshop attended	Name of the Faculty
12 - 13 Jan 2017	“Research Made Easy Tips and Technology” organized by University Library, Bangalore University, Bengaluru,	Mr. Prakash, Senior Librarian University Library & Learning Resource centre SDUAHER, Kolar
21 Jan 2017	“Statistical package for social sciences application on Data Analysis” held conducted by University Library, Tumkur University, Tumkur	

Date	Paper Presented	Name of the Faculty
12-13 Jan 2017	“Knowledge and use of open access scholarly journals among the PGs, Research Scholar and Faculties of SDUAHER: A Study in the 9 <sup>th</sup> annual conference of Karnataka Health Science Library Association, held at SDUAHER, Kolar.	Mr. Prakash, Senior Librarian University Library & Learning Resource centre SDUAHER, Kolar

### M. Lib. I. Sc. Dissertation (Topics given during 2015-16 Batch) completed

Name of the Student	Guide	Co-Guide	Topic
Ms. Arshiya	Mr. Rupesh Kumr A	Mr. Prakasha	Design and development of a modular website for the university library and learning resource centre of Sri Devaraj Urs Academy of Higher Education and research”
Ms. Baseera	Dr. Rajendra Kumar	Mr. Prakasha	Developing a subject gateway for health science information resources

### INTERNAL QUALITY ASSURANCE CELL (IQAC)

IQAC of SDUAHER was reconstituted on 12th April 2016 following the NAAC accreditation of the university in the first cycle on 16th November 2015. The IQAC structure aims to bring about stakeholder involvement at all levels of university and departments to ensure sustenance of quality and its enhancement. The IQAC is constituted with administrators, deans,

principal, directors, administrative heads of units and nominees from society, alumni and industry.

The university IQAC meets every quarterly for deliberating on quality developmental issues related to academics, research and administration and escalating suggestions to the departments and university.

### IQAC OBJECTIVES

- To review the proceedings of various committees, boards and departments to identify the quality issues in teaching, learning, evaluation and research and to facilitate its discussion in relevant bodies for quality enhancement.
- To facilitate actions based on the feedback obtained from students, parents and other stakeholders to improve quality of teaching, learning, evaluation and student support.
- To develop attainable benchmarks for the academics, research and administrative activities.
- To conduct quality enhancement activities through workshops, seminars and discussions periodically for all stakeholders.
- To document all information pertinent to generation of AQAR and ensure accurate updated information is disseminated.
- To generate and implement good practices at university, college and departmental levels.
- To evaluate the outcomes of the academic, research, health care services and administrative activities of the university and facilitate its inclusion in to their planning.

## IQAC MEMBERS

Chairperson	Vice Chancellor
<b>Members</b>	
Senior administrative officers cadre	
Dr.A.V.M.Kutty	Registrar & Dean, Faculty of AHS
Dr.M.L.Harendra Kumar	Principal & Dean Faculty of Medicine
Dr.K.Mohan Kumar	Director of Academics
Dr.D.V.L.N.Prasad	Controller of examinations
Dr.V.Lakshmaiah	Medical Superintendent
<b>Faculty</b>	
Dr. S.R.Prasad	Director, PG Studies/ Professor of Microbiology
Dr.Bhaskaran.A	Vice Principal & Professor of Surgery
Dr.Sarala. N	Prof & HOD of Pharmacology
Dr.K.N.Shashidhar	Professor & HOD of Biochemistry
Dr.Suresh T N	Coordinator of R&D
Dr.K.N.V.Prasad	Professor and HOD of Pediatrics
Dr.Karthiyanee Kutty	Professor of Physiology
Member from the Management	Mr.J.Rajendra, Director (A&F), SDUAHER, Kolar.
Nominees from employers/ Industrialist / Stakeholders	Dr.G.K.Narayana Consultant in ENT, Kolar.
Nominees from local Society, Students and Alumni	Mr.Suresh, Journalist, Kolar Dr.D.K.Ramesh, Surgeon, SNR Hospital, Kolar (Alumnus).
Director of the IQAC/ Coordinator	Dr.B.G.Ranganath Prof. & HOD of Community Medicine SDUMC, Tamaka, Kolar.



The Quarterly meeting of the University IQAC of Sri Devarj Urs Academy of Higher Education and Research Centre, Kolar held on 29<sup>th</sup> December 2016 at 12 Noon in the Council Hall of the University under the chairmanship of Prof. C.V.Raghuveer, Vice-chancellor of the University.



Dr.Abdul Rahman, Former Vice Chancellor, Calicut University and Dr.AVM Kutty, Registrar interaction with the IQAC members on NAAC Accreditation Processes - 4<sup>th</sup> June 2016.



Dr.B.G.Ranganath, IQAC Coordinator and Hon'ble Vice Chancellor Prof.C.V.Raghuvver Addressing the gathering at the workshop on Bench Marking.



Mr.Aswath Ramaia, Unique Consultance, at the Training Program on Bench Marking and Quality Circles - 5<sup>th</sup> October 2016

## 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 ancilliary 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, reserch, 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. Day-to-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:-

Faculty of Medicine	Duration
<b>Under-graduate Degree Programs</b>	
M.B.B.S. (including internship)	5½ years
<b>Post-graduate Degree Programs</b>	
MD ( Anatomy)	3years
MD (Physiology)	3 years
MD (Biochemistry)	3years
MD (Pathology)	3 years
MD (Forensic Medicine)	3 years
MD (Pharmacology)	3 years
MD (Microbiology)	3 years

MD (Community Medicine)	3 years
MD (General Medicine)	3 years
MS (Surgery)	3 years
MS (OBG)	3 years
MS (ENT)	3 years
MS (Ophthalmology)	3 years
MS (Orthopedics)	3years
MD (Anaesthesia)	3 years
MD (Radio-diagnosis)	3 years
MD Paediatrics	3 years
MD Dermatology	3 years
<b>Post-graduate Diploma Programs</b>	
Diploma in Ophthalmology	2 years
Diploma in ENT	2 years
Diploma in OBG	2 years
Diploma in Orthopedics	2 years
Diploma Anaesthesia	2 years
Diploma in Radio-diagnosis	2 years
Diploma in DVD	2 years
Diploma in Child Health	2 years
<b>Fellowship Programs</b>	
Head & Neck Surgical Oncology	1 year
<b>Ph.D. Programs</b>	
Ph.D. (Physiology)	3 years
Ph.D. (Biochemistry)	3 years
Ph.D. (Microbiology)	3 years
Ph.D. (Pathology)	3 years
Ph.D. (ENT)	3 years
Ph.D. (Radio-diagnosis)	3 years
Ph.D. (Medical Education)	3 years
Ph.D. Nursing (Interdisciplinary Subjects)	3 years
Ph.D. Physiotherapy (Interdisciplinary Subjects)	3 years
Ph.D. Clinical medicine (Interdisciplinary Subjects)	3 years
<b>Faculty of Allied Health Sciences</b>	
<b>Under-graduate Degree Programs</b>	
B.Sc. in Medical Laboratory Technology	3 years
B.Sc. in Imaging Technology	3 years
B.Sc. in Operation Theater Technology	3 years
B.Sc. in Ophthalmic Technology	3 years
B.Sc. in Renal Dialysis Technology	3 years
B.Sc. in Radiotherapy Technology	3 years

<b>Post-graduate Degree Programs</b>	
M.Sc. in Molecular Biology and Human Genetics [M.Sc. MB&HG]	2 years
M.Sc. (MLT) Clinical Bio-chemistry,	2 years
M.Sc.(MLT) Clinical Microbiology & Immunology	2 years
M.Sc.(MLT) Clinical Hematology and Blood transfusion	2 years
Master's in Public Health [MPH]	2 years
M.Sc. in Health Science Library and Informatics	2 years
<b>Post-graduate Diploma Programs</b>	
Diploma in Genomic Technology [PGDGT]	1 year
Diploma in Yoga Practice [PGDYP]	1 year
<b>Certificate Programs</b>	
Application Technology in Hospital Environment	1 year
Phlebotomy Technology	1 year
Blood Bank Technology	1 year
<b>M.Phil. Programs</b>	
M.Phil. (Molecular Cell Biology and Medical Genetics)	2 years
<b>Ph.D. Programs</b>	
Ph.D. (Cytogenetics and Molecular Genetics)	3 years



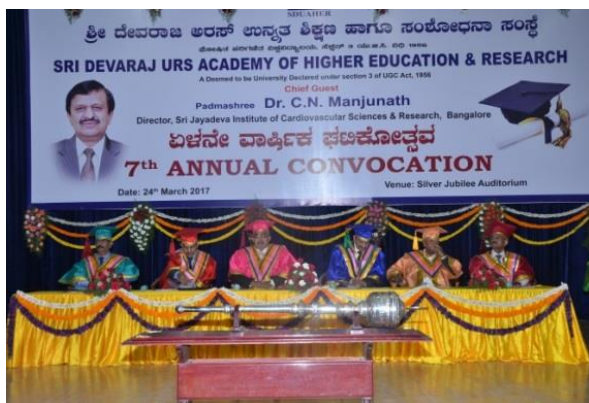
## ACADEMIC & ADMINISTRATIVE EVENTS

The 7<sup>th</sup> Annual Convocation of SDUAHER was held on 24<sup>th</sup> March 2017. Dr.C.N.Manjunath, Padmashree Awardee, Director, Sri Jayadeva Institute of Cardiovascular Sciences & Research, Bangalore was the chief guest and he delivered the convocation address. Dr.S.K. Kumar, Hon'ble Chancellor, SDUAHER presided over the convocation. Prof. C.V. Raghuveer, Vice Chancellor, SDUAHER presented the university report and Hon'ble President, Sri. R.L.Jalappa, Founder Chairman and Former Chancellor, Sri Devaraj Urs Educational Trust for Backward Classes graced the occasion.

Six Gold Medals were awarded to the toppers in various subjects of Post Graduate Degree and Diploma courses and also in the MBBS programme.

A total of 272 students qualified for the award of Degrees in their respective subjects which includes 02 students was conferred Doctor of Philosophy (Ph.D), 04 students were conferred Post Doctoral Fellowship Degree in Head & Neck Oncology, 47 students were conferred Post Graduate MD/MS Degree, 18 students were conferred Post Graduate Diploma Degree, 183 students were conferred Undergraduate (MBBS), 01 student was conferred Master of Philosophy (M.Phil), 04 students were conferred M.Sc Molecular Biology and Human Genetics (MB & HG) ,04 students were conferred Master of Public Health (MPH), 01 student was conferred Post Graduate Diploma in Yoga Practice Degree and 08 B.Sc Master of Laboratory Technology and Operational Theater Technology (MLT & OTT) students were conferred their degrees.

### 7<sup>th</sup> ANNUAL CONVOCATION



7<sup>th</sup> Annual Convocation Ceremony in progress with all the Dignitaries on the Dais



Shri R.L.Jalappa, Hon'ble Chairman, SDUET, felicitating Dr. C.N.Manjunath, the Chief Guest.



Chief Guest addressing the august gathering on 7<sup>th</sup> Annual Convocation



Hon'ble Chancellor and Vice Chancellor awarding the Gold Medal and Certificate to Dr. Yashaswini R (M.D. Pathology)

## UNIVERSITY MEETINGS



43<sup>rd</sup> Board of Management Meeting on 23<sup>rd</sup> March 2017



26<sup>th</sup> Academic Council Meeting held on 3<sup>rd</sup> March 2017



17<sup>th</sup> Meeting of BOS – Allied Health Science Subjects held on 15<sup>th</sup> February 2017



13<sup>th</sup> Meeting of Faculties of Medicine and Allied Health Sciences held on 26<sup>th</sup> February 2017

## ACTIVITIES RELATED TO SOCIETAL BENEFIT



Free Health Camp organized on 16<sup>th</sup> June 2016 at Hosur, Srinivaspura Taluk



Felicitation of a Senior Citizen on the occasion of Free Health Camp on 3<sup>rd</sup> May 2016 Srinivaspura

Felicitation of a Senior Citizen on the occasion of Free Health Camp on 3<sup>rd</sup> May 2016 Srinivaspura

## INDEPENDENCE DAY AND REPUBLIC DAY CELEBRATIONS



Independence Day Celebration on 15<sup>th</sup> August 2016 in the SDUMC campus

Best Department Award being received by Dr. Dinesh K, Prof & HoD, Dept of Anesthesiology on the Independence Day



March past on Republic Day - 26<sup>th</sup>  
January 2017



Republic Day Celebrations on 26<sup>th</sup>  
January 2017

## NSS AND YRC ACTIVITIES



World Environment Day on 5<sup>th</sup> June  
2016



Awareness drive on World No  
Tobacco Day: 30<sup>th</sup> May 2016



Swachhata Abhiyana at village  
Doddiganehalli on 29<sup>th</sup> August 2016



Swachh Bharath Mission at  
SDUAHER campus on 29<sup>th</sup> August

## WOMEN EMPOWERMENT CELL: ACTIVITIES



Training of students on Self Defense by Miss Minnu Jose, Instructor



Role play in progress during Breast Feeding Week (1<sup>st</sup> to 7<sup>th</sup> August 2016) at RLJH &RC



Celebration of International Day of Girl Child on 11<sup>th</sup> December 2016



Lighting of the lamp by the Chief Guest Dr. Divya Gopinath, SP, Kolar on International Womens' Day 2017

## DOCTORS' DAY AND TEACHERS' DAY CELEBRATIONS



Felicitation of Dr. Shivanna, Gynecologist, on the occasion of



Felicitation of Dr. Babu S Nema, former HoD, Pharmacology, on the occasion of Teachers' Day

## HOSPITAL DAY CELEBRATIONS



Inaugration of Hospital Day  
Celebration on 19<sup>th</sup> October 2016 by  
Hon'ble Secretary, SDUET



Group Dance Competition on the  
occasion of Hospital Day Celebration  
in progress

## SPORTS AND CULTURAL ACTIVITIES



Hon'ble Chairman presenting memento to the Chief  
Guest for the Annual Athletic Meet - 2016



Students; contingent in purple dress marching past  
the flag post at the Annual Athletic Meet-2016



Students engaged in Tug of war



Prize distribution ceremony of Annual  
Athletic Meet - 2016



Dance Performance by the students on the occasion of PARVA - 2016



Fashion show by the students on the occasion of PARVA - 2016



Fashion show by the Department of Surgery on the occasion of PARVA - 2016



Rangoli Competition by the students on the occasion of PARVA - 2016



Fashion show by the students on the occasion of PARVA - 2016



Fashion show by the Faculty Department of Surgery on the occasion of PARVA - 2016

**System and Method of Accounting:**

The accounts were prepared under mercantile system of accounting basis following Accrual System of accounting.

**Revenue Recognition:** All revenues are recognized on accrual basis.

**Fixed Assets:** Fixed Assets are accounted at cost of acquisition inclusive of 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 as under:

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.

**Inventory:** Stocks of Drugs, Chemicals, Linens, Stationery and other stores were taken at cost price as per the physical verification.

**Investments:** All Investments were valued at Cost.

**Government grants received:** Nil

**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.

**Taxation:** Income of the Academy Exempted from Income Tax Act 1961. Hence, no provision for taxation is made in the Accounts.

1. The Annual Accounts for the year **2016 – 17** has been prepared on Accrual basis.
2. Liabilities booked and recognized on receipt of bills and materials / equipment 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. Receipts and Payments Account for the year **2016-17** has been prepared on cash basis.

Sd/-

Finance Officer

Sd/-

Registrar

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 563103			
FUNDS & LIABILITES		ASSETS & PROPERTIES	
AMOUNT			AMOUNT
<b>GENERAL FUND</b>		<b>FIXED ASSETS:</b>	
(AS PER SCHEDULE - 1)	1,78,23,28,304	(AS PER SCHEDULE - 4)	78,90,79,772
<b>CURRENT LIABILITIES</b>		<b>CURRENT ASSETS</b>	
SUNDRY CREDITORS		(AS PER SCHEDULE - 5)	99,03,04,348
(AS PER SCHEDULE - 2)	3,10,19,636	<b>CASH&amp;BANK BALANCE:</b>	
		(AS PER SCHEDULE - 6)	4,33,51,016
<b>OTHER LIABILITIES</b>		<b>BRANCH / DIVISION</b>	
(AS PER SCHEDULE - 3)	6,38,05,753	SDUET	5,96,86,460
		DUET SDUAHER	(56,95,039)
		RLICS	1,03,213
		SDUCON	3,23,923
<b>TOTAL</b>	<b>1,87,71,53,693</b>	<b>TOTAL</b>	<b>1,87,71,53,693</b>
Schedules 1 to 6 & Notes on Account shall form part of this Balance Sheet			
		As per Our report of even date For NARAYANA SETTY RVM & CO Chartered Accountants	
PLACE: KOLAR	Sd/- G. BALAJI FINANCE OFFICER	Sd/- DR. A.V.M.KUTTY REGISTRAR	Sd/- S.A. NARAYANASETTY PARTNER
DATE: 23.10.2017			

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2017				
EXPENDITURE		AMOUNT	INCOME	
TO			BY	AMOUNT
ADVERTISEMENT-MC		21,97,906	ACADEMIC SOCIETY FEE-MC	19,000
AMBULANCE MAINTENANCE-RLJH		10,58,074	AGRICULTURAL INCOME-MC	2,07,600
AMC-SOFTWARE-MC		2,00,000	APPLICATION FEE-AHS	78,500
AMC EQUIPMENTS-RLJH		77,70,757	APPLICATION FEE-MBBS	1,70,750
AMC-MC		21,06,835	APPLICATION FEE-PG	3,42,000
AUDIT FEE-MC		3,27,750	BANK CHARGES-MC	56,100
BANK CHARGES-MC		1,56,293	BUSFARE-MC	27,07,200
BIO MEDICAL WASTE-RLJH		7,80,000	COMMISSION ON OPTICAL SALES-RLJH	4,10,404
CELEBERATIONS-MC		5,98,738	CONSULTATION FEE	36,000
CELEBERATIONS-RLJH		5,90,158	CONVOCATION FEE	27,64,300
CME PROGRAMME EXP-MC		9,67,207	DESSERTATION FEE	56,000
COMPUTER MAINTENANCE-MC		11,33,270	DOMESTIC WASTER DISPOSAL-MC	35,025
COMPUTER MAINTENANCE-RLJH		5,83,943	E JOURNALS PRINTING FEE	80,948
CONVOCATION EXPNS-MC		9,57,738	ELECTRICHY CHARGES-MC	16,13,266
COUNCELLING EXPENSES-PG-MC		2,67,734	ELECTRICHY CHARGES-RLJH	16,85,076
COUNCELLING EXP-UG-MC		40,700	EXAMINTION FEE	25,77,401
DEPRECIANON-MC		5,61,57,281	FINES	11,12,370
DEPRECLANON-RLJH		3,73,99,753	HOSPITAL COLLECTIONS-RLJH	26,41,39,267
DISH RENT-MC-MC		80,460	HOSTEL RENT MEN-MC	70,77,295
DONATIONS-MC		15,000	HOSTEL RENT WOMEN-MC	1,05,29,942
ELECTRICITY CHARGES-MC		1,15,70,555	INTEREST ON FIXED DEPOSITS-MC	7,69,33,171
			As per Our report of even date For NARAYANA SETTY RVM & CO Chartered Accountants	
PLACE: KOLAR	Sd/- G. BALAJI FINANCE OFFICER	Sd/- DR. A.V.M. KUTTY REGISTRAR	Sd/- S.A. NARAYANASETTY PARTNER	
DATE: 23.10.2017				

**INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2017**

EXPENDITURE		AMOUNT	INCOME		AMOUNT
..	ELECTRICITY CHARGES-RLJH	1,18,27,567	..	INTEREST ON SB ACCOUNTS-MC	30,71,063
..	ESI-EMPLOYER CONTRIBUTION-MC	13,11,815	..	INTERNSHIP DAIRY	1,84,130
..	ESI-EMPLOYER CONTRIBUTION-MC	2,62,623	..	LIBRARY BOOKS DUE FINE-MC	44,510
..	ESI-EMPLOYER CONTRIBUTION-RLJH	26,28,202	..	LIBRARY CARD FEE-MC	2,650
..	EXAMINATION EXPENSES-PG-MC	10,22,569	..	MICRATION CERTIFICATION FEE-MC	3,54,000
..	EXAMINATION EXPENSES-ALLIED HEALTH SCIENCES-MC	4,87,483	..	MISE INCOME	44,12,015
..	EXAMINATION EXP-MC-UG-MC	33,35,109	..	PROVISIONAL DEGREE CERTIFICATE FEE-MC	94,100
..	GARDEN MAINTENANCE-MC	91,310	..	RENT RECEIVED	99,21,865
..	GENERAL EXPENSES-MC	9,58,134	..	RESEARCH INCOME-MC	7,91,521
..	GENERAL EXPENSES-RLJH	24,045	..	RETOTALLING FEE	1,20,000
..	GENERATOR MAINTENANCE-MC	42,76,388	..	STUDENTS CERTIFICATE FEE	2,58,800
..	GENERATOR MAINTENANCE-RLJH	46,61,053	..	TUITION FEE-AHS	58,58,500
..	GRATUITY-MC	27,47,205	..	TUITION FEE-MBBS	48,40,65,988
..	GRATUITY-RLJH	71,086	..	TUITION FEE-PG	25,69,21,585
..	HANORARIUM-MC	2,32,500	..	WATER CHARGES-MC	5,88,031
..	HANORARIUM-RLJH	18,15,866	..	WASTE DISPOSAL	4,700
..	HEALTH CAMP EXP-MC	3,57,809	..		
..	HOSPITAL FREE FOOD EXP-RLJH	89,18,416	..		
..	HOSPITAL INVESTIGATION CHARGES-RLJH	9,32,341	..		
..	HOSPITAL MAINTENANCE-RLJH	5,25,40,977	..		
..	HOSPITAL REFRESHMENTS-RLJH	4,87,278	..		
As per Our report of even date For NARAYANA SETTY RVM & CO Chartered Accountants					
PLACE: KOLAR		Sd/-	Sd/-		Sd/-
DATE: 23.10.2017		G. BALAJI	DR. A.V.M.KUTTY		S.A. NARAYANASETTY
		FINANCE OFFICER	REGISTRAR		PARTNER

**INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2017**

EXPENDITURE		AMOUNT	INCOME		AMOUNT
..	INCENTIVES-RLJH	2,86,855	..		
..	INCOME TAX-TDS ARREARS-MC	1,83,208	..		
..	INSPECTION FEE-MC	4,080	..		
..	INSURENCE-INDIMINITY-RLJH	4,80,217	..		
..	INSURENCE-EQUIPMENT-RLJH	2,93,545	..		
..	INSURANCE-EQUIPMENT-MC	53,307	..		
..	INTERNAL AUDIT-RLJH	2,29,193	..		
..	INTERNAL AUDIT FEES-MC	2,34,636	..		
..	INTERNAL-MC-MC	10,35,000	..		
..	LAB MAINTENANCE-GENOME-MC	9,55,033	..		
..	LAB MAINTENANCE-MC	82,80,151	..		
..	LAND TAX-MC	18,78,065	..		
..	LAND TAX-RLJH	47,446	..		
..	LEGAL FEE-MC-MC	24,11,125	..		
..	MCI INSPECTION-MC	5,85,000	..		
..	MEDVARSITY ONLINE LIMITED-MC	70,000	..		
..	MEETING EXPENSES-MC	7,58,724	..		
..	NEWS PAPERS & PERIODICALS-MC	1,12,929	..		
..	NSS CAMP EXP-MC	3,50,891	..		
As per Our report of even date For NARAYANA SETTY RVM & CO Chartered Accountants					
PLACE: KOLAR		Sd/-	Sd/-		Sd/-
DATE: 23.10.2017		G. BALAJI	DR. A.V.M.KUTTY		S.A. NARAYANASETTY
		FINANCE OFFICER	REGISTRAR		PARTNER



**INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2017**

EXPENDITURE	AMOUNT		INCOME	AMOUNT
” TRAVELLING & CONVEYANCE-RLJH	1,43,836	”		
” VAT PAYMENT-MC	50,375	”		
” VEHICILE MAINTENANCE-MC-MC	44,98,884	”		
” VEHICILE MAINTENANCE-RLJH	2,72,161	”		
” WASTE DISPOSAL-MC	5,37,101	”		
” WASTE DISPOSAL-RLJH	4,90,296	”		
” WATER MAINTENANCE-MC	23,92,804	”		
” WATER MAINTENANCE-RLJH	24,19,259	”		
” WEB MAINTANANCE-RLJH	32,500	”		
” X-RAY CD'S & COVERS-RLJH	2,80,743	”		
” EXCESS OF INCOME OVER EXPENDITURE TFD TO GENERAL FUND	20,72,90,706	”		
<b>TOTAL</b>	<b>1,13,93,25,073</b>		<b>TOTAL</b>	<b>1,13,93,25,073</b>
			As per Our report of even date For NARAYANA SETTY RVM & CO Chartered Accountants	
PLACE: KOLAR DATE: 23.10.2017	Sd/- G. BALAJI FINANCE OFFICER		Sd/- DR. A.V.M.KUTTY REGISTRAR	Sd/- S.A. NARAYANASETTY PARTNER

