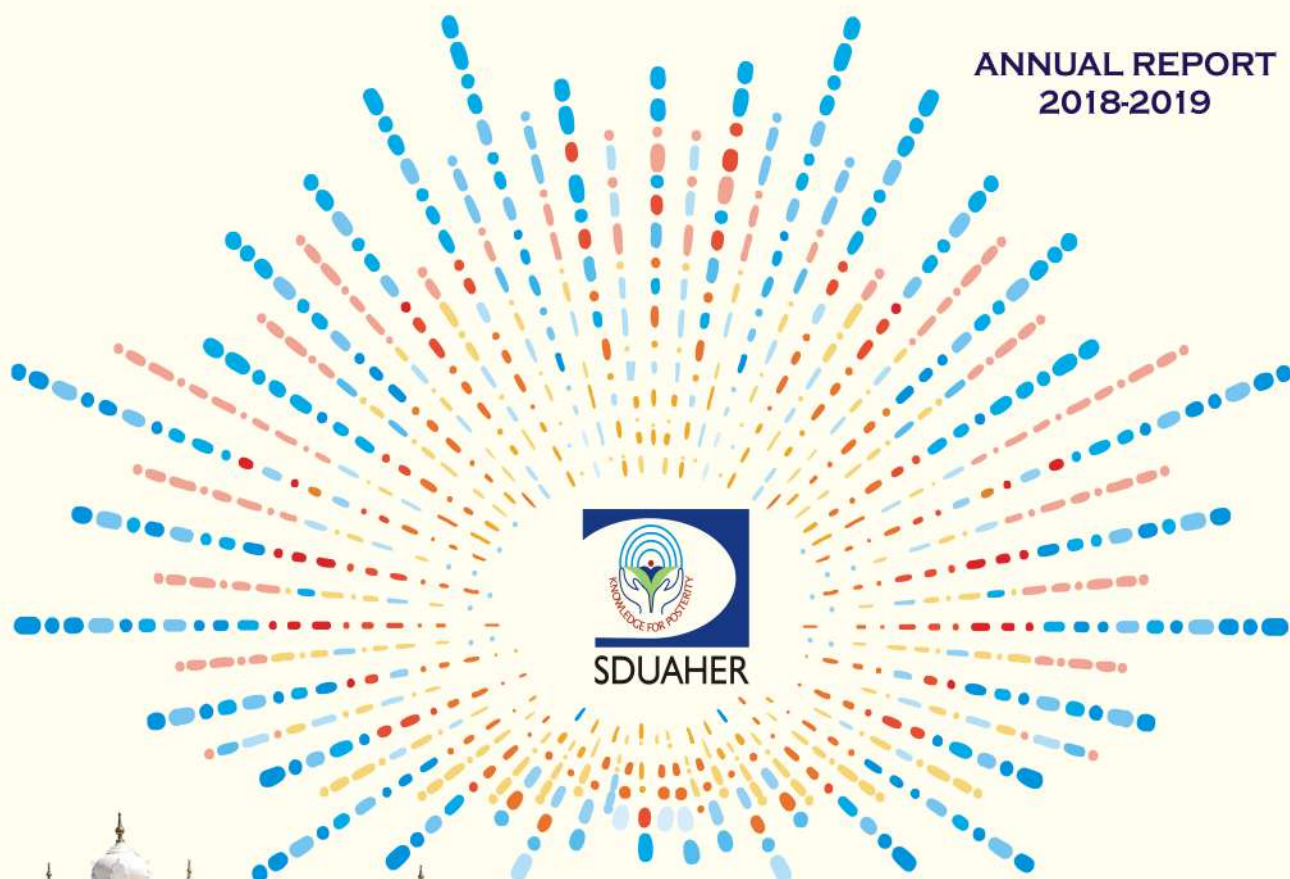


**ANNUAL REPORT
2018-2019**



**SRI DEVARAJ URS ACADEMY OF
HIGHER EDUCATION AND RESEARCH**

(A Deemed to be University Declared Under Section 3 of UGC Act, 1956)
Tamaka, Kolar-563 103, Karnataka, India

Legend of Logo

At a glance this logo is abstract, yet it contains the vital ingredients for an institution like Sri Devaraj Urs University of Higher Education and Research, Tamaka, Kolar.

The institution's medical background, humanitarian values, compassion, approachability, social commitment and the subsequent research towards the most precious thing, the human life, is the core theme.

The graphic form of a person in the centre of a bud represents the humanity. It denotes the growing process of life and its existence. The two hands safeguarding them show care, compassion and a sense of security. It is also capable of holding something within the vast expanse of knowledge by the University for the benefit of the people. Hence, the motto - "Knowledge for Posterity" is very appropriate and gives a punch in Red. The four light-blue half circles (smaller to bigger) depict the unending quest for knowledge and imparting it to a wider horizon, growing higher and higher.

Finally, the whole unit is embedded in a "D" shaped graphic template as its background to give it a corporate identity.

Colors Used

Deep Blue : Signifying credible, confident and dependable. It represents peace, tranquility, stability, harmony, trust, security, cleanliness and loyalty

Light Blue : Characterises sky and water (color scheme for 4 half circles)

Red : A dominant color indicating strength.

Green : Epitomizing nature, health and generosity. Its cool quality soothes and has great healing powers.

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Executive Summary

“KNOWLEDGE FOR POSTERITY”

Sri Devaraj Urs Academy of Higher Education and Research, Tamaka, Kolar is a Deemed to be University declared Under section 3 of UGC Act, 1956, vide Notification No.F.9-36/2006-U.3(A) Dt. 25th May 2007, MHRD, Government of India. The Deemed to be University is sponsored by the Sri Devaraj Urs Educational Trust for Backward Classes, Kolar - a Trust; which has set up educational institutions in rural areas of Karnataka, with a focus on Medical Education and Social Service. Through the colleges/Hospitals and other institutions set up by it, the trust has sought to make significant contribution to Medical Education, Research and Health Care to Rural population.

Currently, the deemed to be university comprises of a Medical College and has two faculties of studies, namely Faculty of Medicine and Faculty of Allied Health and Basic Sciences. Under the Faculty of Medicine, Sri Devaraj Urs Medical College conducts Under Graduate Degree (MBBS), several Post Graduate Degrees (M.D./M.S.), Post Graduate Diploma courses, Doctoral Programs and Fellowship Programs in Head and Neck Surgical Oncology as well as Oral surgical Oncology. The Departments under the Faculty of Allied Health and Basic Sciences offer Undergraduate, Postgraduate, M.Phil. and Doctoral Programs. The latest addition in the faculty of Allied Health and Basic Science is the establishment of Dept. of Audiology and Speech Pathology which is planning to start the academic program in Audiology and Speech Pathology from the academic year 2020-21 as per the regulations of Rehabilitation Council of India.

The curricula for various programs offered by the Deemed to be University are in accordance with the National goals aimed to provide professional competence predominantly in the area of health care and allied health care services. The 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. In addition, the university has established Centre for Clinical Skills and Simulation Laboratory for experiential learning and hands-on-training of the students.

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. SDUET and The Academy have dedicated a coveted state-of-the art Critical Care Centre consisting of an ultra-modern modular OT complex with 12 Operation Theaters, Intensive Care Unit with 34 beds, Department of Nephrology with 24

Dialysis Units and Department of Gastroenterology with 2 Endoscopy Suites studded with advanced ancillary support infrastructure. The facilities with modern medical equipment and gadgets costing approximate 1500 lakhs are housed in a building spread over an area of 6,715 Sq. Meters. (72,646 Sq. Ft.) constructed at a cost of approximately Rs.3000 lakhs. The total outlay for this project has been 4,500 lakhs. Addition of this facility would definitely add fillip to the health care infrastructure available in the district and the surrounding areas and provide succor to this hinterland in terms of advanced medical care.

The Central Library and Information Centre, has an area of 3654 sq. meters. 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 an auditorium of 400 seating capacity in the university administrative block.

The Deemed to be University has initiated several steps for the improvement of quality in research activities and has established linkages with institutions of repute towards achieving this. Junior Research Fellowship and Seed Grant Schemes have been in place to promote research. The Genomic and Central Research Facilities created by the Academy engage in diagnostics and research activities in the area of genetic disorders. The center has a number of sophisticated equipment for cytogenetic and molecular diagnosis. The University department of Cell Biology and Molecular Genetics has done commendable research work on congenital anomalies and the department has been recognized by ICMR as a training center in genetics for medical faculty since 2015 for a period of five years.

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, strengthening 24x7 Wi-Fi facility and provisions for telemedicine. The university conducted a Green audit and the report is satisfying and the recommendations of the auditors are under consideration of the university for further implementation.

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

and is on an upbeat to achieve the Intermediate Goals. The university has already initiated the Long-Term Goals to be accomplished by the year 2020.

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

The 9th Annual Convocation of SDUAHER was held on 23rd March 2019. Prof. (Dr.) B.N. Gangadhar, Director, NIMHANS, Bengaluru and Member, Board of Governors, MCI was the chief guest.

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 217 students qualified for the award of degrees in their respective subjects which includes (Under Faculty of Medicine) 01 student was conferred Doctor of Philosophy (Ph.D.), 02 Fellowship in Head & Neck Surgical Oncology, 55 students were conferred Post Graduate MD/MS Degree, 19 students were conferred Post Graduate Diploma Degree, 109 students were conferred Undergraduate (MBBS), (Under Faculty of Allied Health Sciences) : 01 student was conferred Doctor of Philosophy (Ph.D.), 02 students were conferred M.Sc. Medial Laboratory Technology (MLT), 03 student were conferred Post Graduate Diploma in Yoga Practice (PGDYP) and 25 students in B.Sc. Allied Health Sciences courses - (1) Medical Laboratory Technology, (2) Imaging Technology, (3) Operation Theater Technology (4) Ophthalmic Technology, Renal Dialysis Technology and Radio Therapy Technology 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.

Registrar
(For and on behalf of SDUAHER, Kolar)

SPONSORING TRUST



Shri. RAJESH N JAGDALE
Vice-Chairman, SDUET



Shri. R.L.JALAPPA
Chairman, SDUET



Shri. G.H.NAGARAJA
Secretary, SDUET



Shri. K.G.HANUMANTHA RAJU
Trustee, SDUET



Shri. RAJENDRA.J
Trustee, SDUET



Shri. N.UDAYA
Trustee, SDUET



Smt. SARASWATHI.J
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Trustee, SDUET



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Trustee, SDUET



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Shri. HARISHCHANDRA.R
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Pro Chancellor, Academics,
SDUAHER



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Vice Chancellor, SDUAHER



Dr. K.N.V. Prasad
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Dr. Muninarayana C,
Controler of Examinations,
SDUAHER



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Principal & Dean, Faculty of
Medicine, SDUAHER



Mr. Balaji G,
Finance Officer, SDUAHER



Dr.P.R. Krishnaswamy,
Scientific Advisor, SDUAHER



Dr. Ananta Bhattacharyya,
Deputy Registrar, SDUAHER



Dr. Shashidhar K.N,
Coordinator, Research &
Development



Dr. Lakshmaiah V,
Medical Superintendent, RLJH & RC



Dr. Mohan Kumar K,
Director, PG Studies, SDUAHER



Sri. H. Hanumantha Rao
Executive Engineer,
SDUAHER



Dr. Sarala N
Director, Academics SDUAHER



Dr. Sridevi N.S,
Director, Student Welfare,
SDUAHER



Dr. Shashirekha C.A,
Chairman,
Women Empowerment Cell,
SDUAHER



Dr. Kumaraswamy R,
NSS Programme Coordinator,
SDUAHER

Genesis

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.755 K.M. from Kolar Town, Karnataka. Kolar is well connected by road, rail and air due its proximity to Bengaluru, which is 75 K.M away. The nearest Railway Junction, Bangarpet is 15 K.M away from Kolar.

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

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

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

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

The trust started Sri Devaraj Urs Medical College at 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 located 5 Km away from Kolar Town, Karnataka.

The trust in its stride for attainment of quality in education and Health Care Services has obtained accreditation for its Medical College by National Assessment and Accreditation Council (NAAC, India) and Certification by ISO 9001-2000 in the year 2006. Sri Devaraj Urs Medical College is one of the few medical colleges in India to have achieved these remarkable dual feats of accreditation as early as in 2006.

This inspired the Trust to apply for Deemed University status for this college in the name and style of Sri Devaraj Urs Academy of Higher Education and Research, comprising of Sri Devaraj Urs Medical College. The University Grants Commission conducted an inspection in April 2007 and after being satisfied with the infrastructure facility 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 under Section 3 of UGC Act 1956 to the Medical College on 25th May 2007, vide Ministry of Human Resource and Development, Government of India, Notification No.F.9-36/2006-U 3(A) dated 25th May 2007.

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 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 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. 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 Academy has also established a Department of Speech and Language Pathology which will work to prevent, assess, diagnose, and treat speech, language, communication and swallowing disorders in children and adults. The department will also offer BSc course from the academic year 2020-21.

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 neighbouring 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. The Academy has recently inaugurated a coveted state-of-the art Critical Care Centre consisting of an ultra-modern modular OT complex with 12 Operation Theaters, Intensive Care Unit with 34 beds, Department of Nephrology with 24 Dialysis Units and Department of Gastroenterology with 2 Endoscopy Suites studded with advanced ancillary support infrastructure.

The teaching Hospital has Entry level NABH accreditation. The University is accredited by NAAC with a CGPA 2.66 Grade - B.



MESSAGE

Sri Devaraj Urs Academy of Higher education and research, Kolar a Deemed to be University, has strived to bridge the quality gap to provide excellence in education to its stakeholders. The academy provides state of art infrastructure facilities for teaching, learning and for acquiring new knowledge and competencies. The University also has made significant improvements in various facets of its activities. The University health profession education programs has brought about abreast reforms for acquiring special attributes which enable quality education system.

It is indeed very heartening to witness that The Academy has carved a name for itself in the academic scenario of the region. Education is the most powerful tool to bring desirable changes in our personality and also to bring positive changes in our society. It is the only medium which enables you to move from darkness to brightness. I strongly believe that, there can be no better way to drive and improve our nation's prosperity and social economic well-being than through its education system.

I would take this opportunity that we bring together state of the art infrastructure, cutting-edge technology and a highly integrated and comprehensive information system along with a quest for exploring and developing newer therapies in medicine. A one of its kind facility in this part of the world through research, our hospitals integrates modern and traditional forms of medicine to provide accessible and affordable healthcare. Our focus has always been on the patients of the lower and middle sections of the society, patients who are rejected by the large corporate hospitals, patients who cannot afford expensive medical care and patients who deserve empathy. I believe that medicine is a noble profession and sick must not be rejected on monetary grounds.

I am happy that the university is bring out the Twelfth Annual report for the year 2018-19 as a reflection and documentation of the gist of activities in terms of administrative, academics, Healthcare services, and other activities.

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

Shri. R.L. Jalappa
Chairman, SDUET



MESSAGE

Message

Cordial greetings and warm wishes to all from Sri Devaraj Urs Academy of Higher Education and Research.

With delight and immense pleasure, I write this Message as part of our Annual Report. The year that has passed by has been an eventful one and our University has made admirable progress in the areas of academics and having undertaken projects committed to serve the community around as part of our social responsibility. We have persisted in our efforts to progress as an institution committed to excellence and research. In academics, we have successfully introduced mechanisms to assess attitudes and communication skills of our postgraduates, a 360⁰ evaluation of our House Surgeons for competencies as well as strengthening our e-learning process which have been continued this year also. A Centre for Ph.D programs has been established. Practice of CBCS as part of the non-regulated course offered by the University initiated earlier has been maintained. Our effort to achieve total automation in our evaluation system viz. generation of Question Papers from pre-validated Question Bank and their on-line secure transfer to the Examination Hall and computerization of post examination processes are being successfully implemented.

Towards our University's social responsibility, this year efforts have been initiated to put up a new facility for the School for Mentally Challenged at the foothills of Antargange at a committed investment of 1.25 Crores. We have also been an active contributor of financial resources to revitalize the lakes and ponds in Kolar district. In addition, The Academy has contributed over Rs. 1.20 Crores. (including a day's salary of all staff of The Academy) towards relief works undertaken by the State Government consequent to a trail of destructions left over by devastating floods in North Karnataka.

Towards adding to the infrastructure in the campus, a State-of-Art Department of Accident and Emergency Services (EMD) has been established. The Academy has now established **CARE** - 'Centre for Advance Research and Excellence' involving Physiotherapy, Central Diagnostic Laboratory Services, Central Research Laboratory and Centre for Clinical Skills and Simulation. The Hospital Information System is being revamped with a newer soft-ware which will support the data analytics and to progress towards EMR facility in the near future.

In our quest to support research among our faculty and residents, we have received nearly Rs.63 Lakhs as external research funding this year. The Academy has entered into research collaboration with NIHR, University of Liverpool, UK and NIMHANS,

Bangalore. UNESCO Chair of Bioethics Unit of the International Bioethics Network in collaboration with UNESCO has been established. We are also initiating research projects on screening for Retinopathy of Prematurity (ROP). More than a 68 academic interactions involving National & International faculty have been conducted. During this period there had been 72 research publications in reputed indexed journals.

The University was shortlisted by the Government of Botswana to train their selected nurses in advanced care in ICUs – both adult and pediatric, OTs, Accident Emergency Services, Cath Lab and Dialysis Services. The first batch of nurses sent from Botswana were successfully trained at our hospital for three to six months and re-certified before their return to home country.

To promote and encourage our staff, we have implemented the Maternity Leave Benefit Amendment Act 2017 and also created the post of Additional Professor to ensure sustained growth for faculty in the academic ladder. The University has also enhanced the seed fund earmarked to promote intramural and interdisciplinary research with social relevance.

I thank all my colleagues at The Academy for achieving such milestones during the last year and I wish to share a thought – **“We have miles to go before we sleep”**.

Dr.S.Kumar
Chancellor, SDUAHER



MESSAGE

I am pleased to learn that Sri Devaraj Urs Academy of Higher Education and research is bringing out the Annual Report for the Financial Year 2018-19. Ever since its inception in May 2007, this institution Deemed to be University, has been tirelessly striving to extend best opportunities for its stakeholders while aiming to fulfill its vision.

In the academic front, the Academy was able to prepare for the start of a few programs under the Faculty of Allied Health and Basic Sciences alongside the preparations for commencement of new programs and increase in intake of seats in various specialties under the Faculty of Medicine. There has been a great demand for vocational and skill oriented programs offered by the Academy and I feel that the academic ecosystem is highly conducive for the conduct of such programs of relevance to the health care system with the support of the constituent medical college together with its teaching hospital. The universities are ultimate place of learning and they are meant to enhance existing knowledge and creating new knowledge. Keeping this philosophy, the Academy is providing excellent opportunity to its students and faculty members to engage in research and related activities.

The teaching hospital of the Academy is the lone tertiary health care provider in this region which has witnessed tremendous augmentation in treatment facilities. The addition of new state-of-the-art critical care facility has brought in commendable relief to the people in and around Kolar district in terms of affordability and accessibility to world class health care. The hospital has undergone accreditation at NABH entry level and is preparing for NABH full accreditation. Further, the diagnostic services laboratory has been accredited by NABL. All these achievements reflect quality conscious initiatives by the Academy.

I am sure that this Annual Report is a reflection of some of the exceptional ways the students, faculty, supporting staff and alumni of the Academy are implementing and supporting the vision of this institution. The steady support of Shri. R. L. Jalappa, the founder President and the sponsoring trust are the guiding force to be reckoned with. We are embracing new challenges and devising sustainable approaches to provide the best learning ambiance with diversification of academic programs. Continued efforts, strategic planning, creative and critical thinking are integral to excellence in education. I feel that the achievements of this institution are the reflections of the evolution towards excellence.

Dr.A.V.M.Kutty
Pro Chancellor Academics
SDUAHER



MESSAGE

I am pleased to know that Sri Devaraj Urs Academy of Higher Education and Research (SDUAHER) is bringing out the Annual Report for the year 2018-19.

The Deemed to be University is committed to excellence in areas of health education, research and health care. The medical college affiliated to SDUAHER has been providing high quality primary, secondary and tertiary health care to the patients. It has extended its services not only throughout Kolar District but also draws patients from neighbouring Districts of Tamil Nadu and Andhra Pradesh. During this period, it has set up state of art facilities and infrastructure in form of well-equipped Intensive Care Unit, Operation Theaters and Dialysis Centre. This in turn has led to improved quality of care and also a steady increase in number of inpatients. Key initiatives and programs, especially various outreach camps organized by the medical college has immensely benefitted the society at large.

The Allied Health Sciences Department has a highly motivated, dedicated and qualified faculty who are committed to provide high quality education to the students of the graduate and post graduate programs and also guiding them in the research activities. Over the years, there has been a steady increase in the number of students and courses being offered by the Academy.

I am sanguine that the zeal and commitment shown by the students and faculty will go a long way in scaling greater heights in the academic field and bring glory to the Academy.

Air Mshl C K Ranjan AVSM VSM (Retd)
Pro Chancellor Health Care Services
SDUAHER, Kolar



MESSAGE

It gives me enormous pleasure to share my views for the Annual Report of Sri Devaraj Urs Academy of Higher Education and Research (SDUAHER), Tamaka, Kolar for the year 2018-19.

I have been inducted into the SDUAHER family in the last week of March 2019, and within a short span of time, I have visualised a substantial growth of the Academy on several fronts. I would like to express my gratitude to the Chairman of Sri Devaraj Urs Educational Trust for Backward Classes (SDUET) - Shri R.L.Jalappa, and the Chancellor of SDUAHER - Dr. S. Kumar, for reposing faith in me to lead the Academy. The progress was promising due to the determined efforts of all my colleagues at the Academy.

"Be the change that you wished to see in the world" said Mahatma Gandhi, and the changes brought about by the visionary leadership for our Academy, capably led by Dr. S. Kumar, the Chancellor. He is the guiding force for us and the torch bearer, who believes in leading the team from the front. He strengthened the functioning of the Academy by ushering in a new paradigm of leadership by the addition of two Pro-Chancellors with abundant experience to guide us. Prof. (Dr.) A.V.M. Kutty, as Pro-Chancellor, Academics, shoulders the responsibility on the academic front. Air Marshal (Dr.) C.K. Ranjan, as Pro-Chancellor, Healthcare Delivery, brings with him the rich experience of administration to guide the functioning of the R.L. Jalapa Hospital and Research Centre, the teaching hospital of the flagship institute - Sri Devaraj Urs Medical College, Kolar. It is our privilege to have these two luminaries as pillars of support and driving force. The unstinted support from the Sponsoring Trust - Sri Devaraj Urs Educational Trust for Backward Classes for the all-round growth of the Academy is praiseworthy.

"To improve is to change; to be perfect is to change often" said Winston Churchill. I am indeed fortunate to have been provided with an excellent team of dedicated and enthusiastic colleagues, who strongly believe in being flexible and willing to bring in changes. The ever dynamic Registrar, Dr. K.N.V Prasad is the backbone of our team who ensures the efficient functioning of the Academy. He is ably supported by Deputy Registrar Dr. Ananta Bhattacharyya. Dr. Muninarayana C, the Controller of Examinations and his team safeguard the process of evaluation and ensure that examinations are being conducted in a fair and transparent manner. The constituent institute of our Academy - Sri Devaraj Urs Medical College, is adeptly led by Dr. P.N.Sreeramulu, the Principal and Dean, Faculty of Medicine while Dr. Lakshmaiah V, the Medical Superintendent, ensures smooth functioning of the teaching hospital. The Dean, Faculty of Allied Health and Basic Sciences - Prof. (Dr.) M. Jayaram with his vast experience leads the Allied Health Programs. We hope that with the unconditional support of my team, advice of the Pro-Chancellors, guidance of the Chancellor and blessings of the Chairman of the Sponsoring Trust, we would realize the expectations of our leadership and hope to become the most sought after institute for education and patient care. We will leave no stone unturned in the path of our journey.

Dr. G. Pradeep Kumar
Vice-Chancellor, SDUAHER



MESSAGE

As we adapt within the broader higher educational environment to the multiple, complex changes which proceed at an increasingly accelerated pace, the Registrar's Office practices a flexible and nimble service model that is responsive to and aligned with the goals of the Institution.

We believe that we contribute to the success of society's most talented and intelligent students and distinguished faculty members by our dedicated support and advancement of SDUAHER's systems and structures, as we safeguard the integrity of the institution's regulations and records. We revisit our processes continually and adapt to newer processes and technologies as required to better serve faculty members and students.

Not everything we attempt will succeed, but the promise of a great and confident SDUAHER rests on the knowledge that if we do not risk, we fail. With these words we from the Registrar's Office present the Annual Report of Sri Devaraj Urs Academy of Higher Education and Research which gives an extensive account of all its curricular, extracurricular and financial performance for the year 2018-19. I hope that you will appreciate its contents.

Dr K N Venkateshwara Prasad
Registrar
SDUAHER

Driving Force

VISION:

“University of Excellence - Knowledge for Posterity”

MISSION

To be a global center of excellence for Teaching, Training and Research in the field of higher education.

To inculcate scientific temper, research attitude and social accountability amongst faculty and students.

To promote value based education for the over all personality development and leadership qualities to serve the humanity.

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.

Perspective Plan Document of SDUAHER

A. Short term goals (2007 – 2010)

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.

To develop and adopt an innovative curricula / syllabi within the guidelines of the statutory body for qualitative improvements in teaching, learning and evaluation process.

To establish mentorship program and provide remedial courses for under achievers.

To prepare and apply for increase in intake of Post Graduate courses and start new Post Graduate courses.

To establish a department of Allied Health Sciences.

To prepare for the start of Ph.D courses and encourage research activities in all departments of the constituent college.

To prepare for the commencement of Fellowship programs.

To encourage the faculty for conduct of CME Programs, Guest lectures, Conferences and publication of research papers.

To develop faculty development and assessment programs.

Enter into Memorandum of Understanding with centers of excellence for advancements in training and research activities of students and faculty.

To obtain recognition for the medical courses conducted by the University by Medical Council of India and by the Medical Councils of other countries.

To institute academic gold medals and other awards of excellence to students and staff.

To encourage the students in co-curricula and extra curricula activities.

To establish and to strengthen collaboration with NGOs such as Red Cross Society, Rotary international etc.

To establish Human Rights Club and Women Empowerment Cell.

To establish Parent - Teacher Association and strengthen Alumni Association.

To improve the infrastructural facilities for the students, patients and staff.

To improve social services by conducting outreach health camps.

To make university campus a "Ragging Free Zone" and inculcate discipline.

To enhance quality of administration with a continued ISO certification of the college and prepare for ISO certification of the teaching hospital.

To strengthen computerization and initiate e-governance, e-learning and establish IT section.

To strengthen computerization and initiate e-governance, e-learning and establish IT section.

To optimally train and utilize the available man power through capacity building programs.

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)

To prepare for the establishment and functions of departments of Cardiology, Neurology, Neuro surgery, etc.

To prepare for multidisciplinary, interdisciplinary courses and research activities.

To prepare for development of skills laboratories for improved quality of training.

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
To institute and award Fellowships, Medals and Visiting Faculty programs.

To vocationalize education through development of innovative courses under the Dept of Allied Health Sciences.

To establish full fledged clinical research laboratories.

To establish Students Guidelines Bureau and Placement Cells.

To strengthen infrastructural facilities.

To promote extra-curricula activities.

To prepare for the re-accreditation by NAAC (India) for the constituent college.

To prepare for NABL and NABH accreditation for service laboratories and the teaching hospital respectively.

To aim to attract extra mural research funding for research towards the health problems of rural population.

To further strengthen e-governance and e-learning.

To establish linkages with other universities and centers of excellence in and outside the country.

C. Long Term Goals (2016 - 2020)

To work for the establishment of an independent university campus with various departments, research labs and other infrastructural facilities.

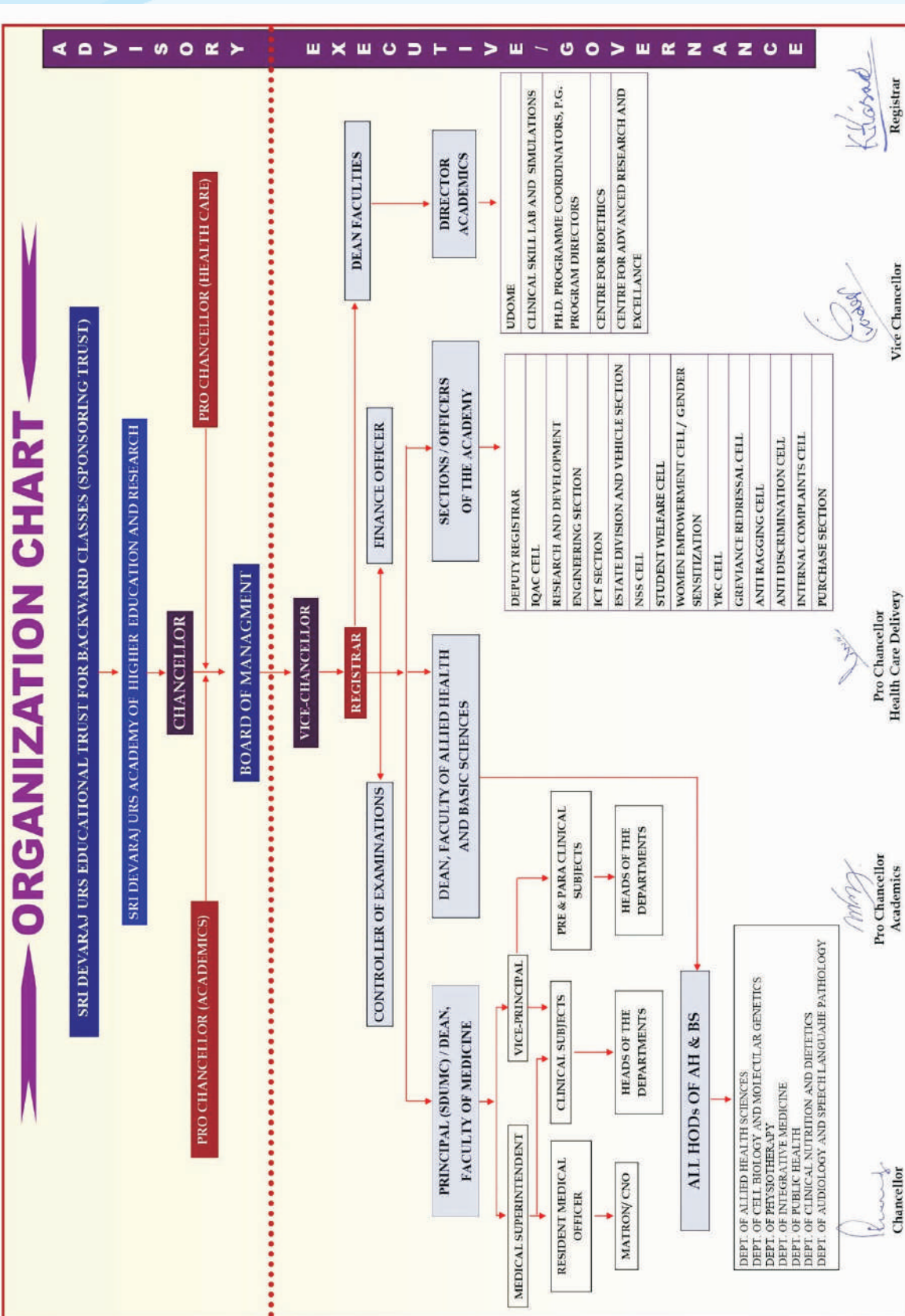
To aim for a financially sustainable and viable university.

To prepare for interdisciplinary and inter university exchange programs.

To establish new courses and faculties.

To strive to be recognized as an "University of Excellence",

To establish off - site campus and off - shore campus



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Manasagangothri, Mysore

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Assoc. Professor of Division of Yoga
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SVYASA Yoga University,
Giddenahalli, Jigani, Bangalore

Dr. Savitha Ravindra,
Professor & HoD of Physiotherapy,
MSRMC, Bangalore

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Request sent to MHRD on 11-06-2014.

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Meetings of the Authorities of the University

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 2018 to March 2019. The 32nd meeting of the Academic council was held on 22nd March 2019.

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 2018 to March 2019 the Finance Committee met thrice and the 20th meeting of the Finance Committee was held on 28th February 2019.

Planning & Monitoring Board

It is the principal planning body responsible for monitoring the development programmes of The University. During the period from April 2018 to March 2019, the Planning and Monitoring Board met twice and the 19th meeting was held on 24th November 2018.

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 2018 to March 2019 and the 18th meeting was held on 15th September 2018.

Board of Studies

The following Boards of Pre - Clinical Subjects, Para Clinical Subjects, Anesthesiology, Radio diagnosis, OBG, Medicine, Dermatology, Psychiatry, Ophthalmology, ENT, Pediatrics, Orthopaedics, General Surgery subjects met twice in the year the meetings held from 8th to 10th August 2018

Sri Devaraj Urs Medical College

Sri Devaraj Urs Medical College, the constituent unit of Sri Devaraj Urs Academy of Higher Education and Research, Kolar started in the year 1986 in the small hamlet of Tamaka, Kolar, Karnataka, by a team of philanthropists and educationists lead by Shri. R.L.Jalappa, the Founder Chairman. The motive of starting this institution was to provide quality higher education to the backward classes. The institution started with an intake of 100 undergraduate students and in a short span increased to 150 students. The beginning years itself the college has created a history by bagging 12 Gold Medals in the affiliated Bangalore University examination conferred in the year 1991. From that time, Sri Devaraj Urs Medical College has excelled in the higher education.

The Medical college has started its postgraduate courses from the year 1996 and at present has postgraduate programme in 18 departments. The college has applied for start of new courses in the departments of Psychiatry and Emergency Medicine. Further, medical college in due course of time is applying for super specialty courses in Urology, Neurology, Plastic surgery and Cardiology.

Sri Devaraj Urs Medical College was affiliated to Sri Devaraj Urs Academy of Higher Education and Research in the year 2007 and has started Ph.D. programme in 8 departments and Fellowship programme in Head and Neck Oncology.

Medical College has a well-structured curriculum beyond the statutory body guidelines. This has enabled the students graduating from medical college to compete globally and become a competent doctor.

Medical College has a well-qualified faculty who are dedicated and competent in teaching, learning and evaluation. This has been proved year on year with the results and the student feedback. The competency, the students acquire from this institution has been applauded globally. The transparency in conduct of examination both in formative and summative assessments has been captured in the feedback form submitted by students and external examiners. Medical College has coterie of faculty who are pioneers in medical education headed by Dr.P.N.Sreeramulu, Principal as the Chairman and Dr.Vinutha Shankar .M.S. as Director.



The Medical college has central formative assessment and evaluation system. Invigilation of formative assessment is also centralized at the college level. This has proved the transparency in the examination and evaluation system of our institution.

The Medical college has a well-equipped state-of-art Central Diagnostic Laboratory service, Central Research Laboratory and Center for Advanced Research and Excellence (CARE), where undergraduates, postgraduates, Ph.D. scholars, faculty and scientists can carry out their research activities. Department of Biochemistry has established Fluorosis Research Referral Laboratory (FRRL) to conduct research on fluorosis which is endemic in this area. FRRL is headed by Dr.K.N.Shashidhar, Dr.Deena Mendez, Dr.Munilakshmi U from Department of Biochemistry and supported by Dr.P.N.Sreeramulu, Prof. Dept. of Surgery, Dr.Raveesha .A, Prof, Dept. of Medicine and Dr.Sheela S .R, Prof. of Obstetrics and Gynecology, Dr. K.N.V.Prasad, Prof, Pediatrics, Dr. H.S.Arun, Dept. of Orthopedics and Dr.Wasim Anjum, Dept. of Community Medicine. Department of Forensic Medicine in collaboration with the Department of Biochemistry has established Toxicology and Poison Detection Center (PDC) and has started its baby steps by estimation of substance abuse. PDC is headed by Dr.T.S.Ajay Kumar, Associate Professor, Dr. Sreenivasa Reddy, Professor, Dept. of Forensic Medicine supported by Dr. K.N.Shashidhar, Professor and Dr. Munilakshmi U, Asst.Prof, Biochemistry.

In the year 2019, college has published 95 research publications in peer reviewed, indexed journals with impact factor of more than 0.7. Faculty of SDUMC was sanctioned 14 SDUAHER funded projects and research is in progress. Faculty and postgraduate students has presented research papers in National and International conferences.

Eight faculty of our college were conferred with MAMS Membership by All India Institute of Medical Science, Bhopal, Madhya Pradesh in the National Academy of Medical Science conference held between 11th to 13th October 2019 for the exemplary service they have contributed to the society in the field of teaching, learning, evaluation, research, patient care and community health services.



Our institution has been continuously approved with STS ICMR projects for undergraduates and the number which was 02 in 2006 has increased to more than 30 in the current year. The postgraduate ICMR projects has also increased exponentially year on year.

With respect to infrastructure and learning resources, medical college has 6 lecture galleries with modern facilities to train the students in the health care delivery system. Institution has well equipped laboratories to train students in core competencies to prepare them to compete globally. Institution has a structured mentorship programme under the monitoring of Dr.Sridevi N.S, Prof. of Anatomy. SDUMC has an in-house student counsellor to address issues related to student relations. College has separate hostel facilities for boys and girls students with round the clock security and infrastructural facility. Residential facilities are available for teaching and non-teaching staff of medical college.

College has a Herbal garden with plants of medicinal importance and animal house for research activities. Animal house is well equipped with suitable environmental condition for the animals and has an in house veterinary office to take care of their health. Medical college has rainwater harvesting facility and facility for Divyaangan (physically challenged persons). Campus is filled with lush green environment with more than 3,000 trees of different families. Institution has natural apiculture due to the in-house horticulture.

The mentorship programme has helped the students to improve their student-teacher relationship and also mentor-mentee relationship. Thus, the students' attendance, performance in both academic and non-academic activities has improved beyond expectation.

Medical college was very vibrant in conduct of various CMEs, Guest Lectures, Days of importance, Workshops, Melas, Birthday celebrations of National leaders and freedom fighters etc.

Students are encouraged to participate in sports and cultural activities at state and international level and has brought accolades to the institution.

Our institution has been encouraging the diversity of students by conducting festivals of State and National importance.

Institution has governance, leadership and management at student, faculty as well as non-teaching staff. The students are included in the various committees and are given autonomous to carry out the activities related to sports, cultural, magazine, academic society, student welfare etc. However, the students are monitored and guided by the well experienced faculty.



The Institutional values are :

1. On par with The Academy Vision and Mission statement and most of the short term goals have been achieved.
2. The institution promotes the gender equity
3. 24 x 7 security to students and faculty and an extra care towards female employees.
4. Has in-house student counsellor to take care of students psychological needs.
5. Provision for separate boys and girls lounge.
6. Has well equipped Crèche facility for kids of employees.
7. To initiate go - green and save energy measures has solar geysers installed in all the hostels.
8. Conduct Kannada classes for 1st year students to make them competent enough to converse with patients.
9. To save water, institution has rain harvesting facility.
10. To promote unity in diversity college conducts major festivals of all communities.
11. In addition to regular teaching, learning and evaluation, the students are encouraged in cultural, sports and societal activities.
12. Encourage faculty and Department by identifying the Best Teacher and Best Department respectively and award them.

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.

Mission:

Stand as a well-Equipped tertiary care referral Centre catering to the preventive and curative health needs of people of the region.

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 out-patient service. The hospital is catering to the Health needs of the backward districts of Kolar, Chikkaballapur, Industrial belt of Narasapur and Vemgal and also the adjoining areas of Andhra Pradesh and Tamil Nadu. The Hospital has grown from a humble beginning to a well-established State of the Art Health Care provider with the facilities & equipments on par with leading teaching Hospitals of the state/country.

One more State of the Art Critical Care Centre was added in October 2018, with 36 bedded ICU, 12 modular OTs. 22 Hemodialysis machines and endoscopy services.

The World Labour Day was celebrated in the hospital on 01-05-2018. The function was chaired by Dr.Lakshmaiah, the Medical Superintendent of RLJH & RC.

ESI Dispensary got inaugurated on 28-8-2018 by Shri. G.H.Nagaraja. It was attended by Director A & F Shri. J.Rajendra, Chancellor Dr.S.Kumar, Vice Chancellor Dr.C.V.Raghuveer, Registrar Dr. A. V. M. Kutty, Principal Dr.M.L.Harendra Kumar, Medical Superintendent Dr.V.Lakshmaiah. Hospital is empaneled for ESI Primary, Secondary and Tertiary health care.

The Hospital Day was celebrated with pomp and pride on 19-10-18 to mark the birthday of our Hon'ble Chairman Sri.R.L.Jalappaji. The Chief Guest was Sri.G.H.Nagaraja Secretary of Sri Devaraj Urs Educational Trust. The function was presided by Dr.S.Kumar, Hon'ble Chancellor, SDUAHER, The function was also graced by Sri.J.Rajendra, Trustee and Director A & F, SDUAHER, Dr.A.V.M.Kutty In-charge Hon'ble Vice Chancellor/Registrar Dr.M.L.Harendra Kumar, the Principal, Dr.Lakshmaiah.V Medical Superintendent.

Inauguration of the New Critical Care Centre of R.L.Jalappa Hospital & Research Centre was held on Friday, 19th October 2018 at in Silver Jubilee Auditorium, SDUMC. The Chief Guest was Shri.D.K.Shivakumar, Hon'ble Minister of Medical Education & Medium & Major Irrigation, Govt. of Karnataka, in the august presence of Shri.R.L.Jalappaji Hon'ble Chairman, SDUET & Former Union Cabinet Minister & Former Cabinet Minister of Karnataka, Dr.S.Kumar Hon'ble Chancellor, SDUAHER, Shri.K.Srinivas Gowda Member of Legislative Assembly

Kolar Constituency, Dr. Ajit K. Huilgol Senior Transplant Surgeon, Columbia Asia Hospital, Banagalore, Dr.Sunil Karanth Senior Consultant & Intensivist, Manipal Hospital, Bangalore, Dr.Umesh Jalihal Senior Gastroenterologist, Columbia Asia Hospital, Banagalore, Dr.S.Sundar Senior Nephrologist, Manipal Hospital, Bangalore, Sri.G.H.Nagaraj, Secretary of Sri Devaraj Urs Educational Trust, Sri.J.Rajendra, Trustee and Director (A&F), SDUAHER, Dr.A.V.M.Kutty, In-charge Hon'ble Vice Chancellor/Registrar Dr.M.L.Harendra Kumar, the Principal, Dr.Lakshmaiah Medical Superintendent.

The Kannada Rajyotsava day was celebrated on 02-11-2018 in Silver Jubilee Auditorium, SDUMC. The Chief Guest was Mr. Pandith Munivenkatappa, Social Worker, Sri.J.Rajendra, Trustee and Director A & F, S D U A H E R, Dr.A.V.M.Kutty, In-charge Hon'ble Vice Chancellor/Registrar, Dr.M.L.Harendra Kumar, the Principal, Dr.Lakshmaiah.V Medical Superintendent.

Dr.Govindaraju Chief Casualty Medical Officer introduced the chief guest and Dr.Rachegowda, HOD of Radio diagnosis briefly talked about the Kannada & Culture.

The Christmas Day was celebrated in the hospital on 20-12-2018 the function was chaired by Dr.Lakshmaiah V, the Medical Superintendent of RLJH & RC.

World Leprosy Day observation by Dept. of Dermatology on 30.01.2019.

World Cancer day observed on 04.02.19 by Dept. of ENT & NSS.

Blood Bank of R.L.Jalappa Hospital & Research Centre was shifted to new premises on 11th February 2019.

CPR work shop conducted at skill lab by Dept. of Anaesthesiology on 16.02.19.

Inauguration of the Laparoscopic Tubectomy Operation Theater of R.L.Jalappa Hospital & Research Centre was held on 15th February 2019 the Chief Guest was Shri G.H.Nagaraja Secretary, SDUET, The function was attended by Shri J.Rajendra, Dr.A.V.M.Kutty In-charge Vice Chancellor, Dr.K.N.V.Prasad Registrar, Dr.P.N.Sreeramulu, Sri Hanumanthaa Rao, Executive Engeneer, SDUET, Dr.S.R.Sheela HOD of OBG & Dr.Doddabadre Gowda Laparoscopic surgeon.

On 08.03.2019 conducted orientation course for new interns by UDOME.(university department of medical education)

On 08.03.19 guest lecture on yoga for woman by dept. of integrative medicine.

11.03.19 to 17.03.2019 "WORLD GLAUCOMA" week was observed by Dept. Of Ophthalmology.

NSSK programmes was conducted for interns by dept. of Peadiatrics from 14.03.2019 to 15.03.2019.

Work shop on hospital infection prevention practices for intern was conducted in skill lab by Dept. Of Microbiology on 22/03/2019.

Till 31.03.2019 275 cases of ESIS beneficiaries benefited from this ESIS Secondary Care as well as under Super Specialty Tertiary Care.

GLAUCOMA WEEK: To eradicate blindness Department of ophthalmology had organized an awareness program on preventable disease of the eye to the ophthalmic assistants of Kolar and Chickbalapur Districts on 14.03.2019.

Statistics of the hospital as follows: (January - December-18)

Total Outpatients	:	3,87,224
Total In-patients	:	2,79,211
No. of Surgeries		
a. Major	:	6,791
b. Minor	:	28,003
c. Day Care	:	645
Total Camps Conducted	:	1,073
No. of Deliveries:	:	2,272
No. of MLC	:	3,655
No. of Autopsies.	:	235
No of Cataract Operations. 60)	:	1,013(CAMPS

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 and paramedical students. It also trains the post graduate students of Surgery, Ophthalmology, ENT and Pathology relevant to their specialties. The Department has infrastructure to cater to 200 MBBS students. It has an outstanding museum, covering Embryology, Genetics, Gross Anatomy, Sectional Anatomy, Radiology and Clinical Anatomy which are updated from time to time. Since dissection is an integral part of gross anatomy all students are encouraged to involve in dissection of the cadaver under the supervision of the faculty. Dissection is complimented by displaying videos on the monitor in the dissection hall itself. In Histology, students study about the microscopic identification of normal human cells and tissues. Case studies expose students to clinical anatomy enhancing their analytical skills. The department also organizes body donation programmes. There are total 8 Ph.D. scholars undertaking quality research in their area of interest.

Thrust areas identified in bullet format:

- Morphogenesis
- Histogenesis and Medical genetics
- Anthropology

Teaching Faculty



From L to R sitting:

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

From LtoR standing 1st row :

Mr.Anjaneya Babu Naik , Mr.Suresh.T,
Mrs.Krishnaveni.C, Mr.Ravishankar
Prasad Sawan

From LtoR standing 2nd row :

Dr.Kumarswamy.R, Dr.Vinay Kulkarni,
Mr.Krishna Kishore .G

Teaching Faculty Details :

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

Details of programmes conducted:

Sl. No	Date(s)	Nature and theme of the program
Workshop	11 th Dec2018	Workshop on “ Empowering youth through life skills ” for first MBBS students with Objectives:

Details of programmes attended by faculty:

Sl. No	Date(s)	Nature and theme of the program	Name of the Faculty attended
CME	27 th Apr 18	‘Genetics in clinical practice’ at Rajarajeshwari medical college	Dr.Sridevi.N.S, Dr.Ashwini.N.S and Dr.Vinay Kulkarni
	3 th Aug 18	‘Overview of CNS development with emphasis on developmental anomalies’ at MVJ medical college	Dr.Divya.C
Workshop	22 th Sep 18 to 26 th Sep 18.	‘Advance Course in Medical Education’-first contact session at St.John’s medical college	Dr.Divya.C
	17 th Dec 18 to 21 st Dec 18.	‘Research Methodology’ at St.John’s Medical college	Dr.Ashwini.N.S

Conference	29 th June - 18 to 30 th June 18	'Icon 2018 Authentic learning innovations for 21st century medicos' at Pondicherry	Dr.Sridevi.N.S. Dr.Shashidhar.K, Dr.Vinay Kulkarni
Conference	28 th Sep 18 to 30 th Sep18	'20th KCA State conference' at Adichunchanagiri institute of Medical Science	Dr.Divya.C
	14 th July 2018 to 15 th July 2018	'17th Regional Society of Anatomists Meet -2018', in Andhra Pradesh	Mr.Krishnakishore
	14 th July 2018 to 15 th July 2018	'17th Regional Society of Anatomists Meet-2018', in Andhra Pradesh	Mr.Krishnakishore
	11 th Nov 2018 to 14 th Nov2018	'66th National Conference of ASI' at Rishikesh AIIMS	Mrs.Krishnaveni.C

Details of Oral / Poster presentation by faculty:

Oral presentation

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Oral presentation	Morphometric study of Gall Bladder in Cadaver	KCACON-2018 State Conference at Adichunchanagiri institute of Medical Science on 30-09-18	Dr.Divya.C
Oral presentation	Effect of non-ionising radiation on spatial learning memory in swiss Albino mice	State Conference Regional Society of Anatomists (RSA) Andhra Pradesh & Telengana	Mr.Krishna Kishore
Oral presentation	Histopathological changes in pre eclamptic women A case control study	'66th National Conference of ASI' at Rishikesh AIIMS from 11.11.2018 to 14.11.2018	Mrs Krishnaveni.C

**Details of Research projects
Completed:**

Sl. No	Title of the Research Project	Principal Investigator
1	Morphometric analysis of human adult Kidneys-A cadaveric Study Morphometric analysis of foramens of the skulls	Dr.Ashwini.N.S
2	Morphological analysis of human renal hilar structures - A cadaveric Study	Dr.Divya.C
3	Mutiple Choice Questions as a tool of assessment in I st MBBS students Comparison of staining techniques by rapid staining & conventional method H&E Sexual dimorphism in vertebral column by using MRI Preeclampsia & fetal growth	Mrs Krishnaveni.C

On going :

Sl.No	Title of the research project	Principal Investigator
1	Weekly formative assessments-a boon or bane	Dr.Sridevi.N.S
2	Effectiveness of functional transparent model of larynx as a teaching and Learning media. SDUAHER/Res.Proj/109/2015-16	Dr.Venkateshu K.V
3	Study of coronary artery origin in South Karnataka regions	Dr.Venkateshu K.V
4	Transparent model of ear as a teaching & learning tool	Dr.Venkateshu K.V
5	Effectiveness of OHP transparent sheet overlay technique as Teaching Learning Media in Anatomy	Dr.Venkateshu.K.V
6	Morphometric study of semitendinosus and gracilis muscles and their implications in ACL reconstruction surgery	Dr.Vinay Kulkarni
7	Estimation of carrying angle of elbow joint in medical students using goniometer	Dr.Ashwini.N.S
8	Morphometric study of Corocoid process in human scapulas	Dr.Ashwini.N.S
9	Morphometric study of Suprascapular notches and foramen in human scapulas(completed)	Dr.Ashwini.N.S
10	Morphometric study of Acromion process in human scapulas	Dr.Ashwini.N.S

11	Morphometric and morphological variations of Spleen in human cadavers	Dr.Ashwini.N.S
12	Introduction of Problem based learning in Anatomy for 1st MBBS students	Dr.Divya.C
13	Effectiveness of Flipped classroom compared to traditional teaching among medical students	Dr.Divya.C
14	Morphological Study Of Medial Menisci Of Knee Joint In Human Cadavers	Dr.Shashidhar.K
15	Study of anthropometric parameters of mental foramen in dry human mandibles	Dr.Shashidhar.K
16	Anthropometric study of femur in south Indian Population	Dr.Shashikant Kiragi
17	Preeclampsia & Fetal Growth -A case control study. Teaching Anatomy by using KOLLAR method	Mr.Krishnaveni.C
18	Mutational analysis of GJB -2 gene in congenital non syndromic hearing impairment. SDUAHER/Res.Proj/10014-15	Dr.Kumaraswamy.R
19	Craniofacial anthropometric measurements of selected communities in Kolar region	Mr.Suresh.T
20	Variations in the branching pattern of Internal iliac artery	Mr.Suresh.T
21	Mind mapping as learning tool in anatomy for undergraduate	Dr.Vinay Kulkarni
22	IRS-II gene polymorphism & PCOS Anterolateral Ligament of the knee joint & its occult clinical & surgical significance -A cadaveric study	Dr.Vinay Kulkarni

MD/MS Dissertations / Ph.D. thesis (2018-19 batch only)

Sl. No	Topic	Name of the student	Name of the Guide	Name of the Co-guide (if any)
1	Effect of Mobile Radio Frequency Electromagnetic Radiation on Microscopic Anatomy of Testis and Ameliorating effect of Punica Granatum in Male Adult Sprague-Dawley Rats.	Mr.Anjaneya Babu Naik	Dr.Sridevi.N S	Dr.Sharath.B
2	Study on evaluation of therapeutic effect of Bacopa Monnieri on cerebellar toxicity caused by Arsenic and Nicotine on Sprague Dawley Rats	Mr.Ravi Shankar Sawan	Dr.Sridevi.N S	Dr.Shashidhar.K.N

Publications:
Published:

Sl. No	Title of the paper (as per Vancouver Style)	Author(s)	Journal
1	Study of orbital morphometry in dry skulls of south Indian origin	Dr.Divya.C	Int J Anat Res 2018;6(3.1):5449-52.
2	Study of arrangement of renal hilar structures in human cadavers.	Dr.Divya.C	Int J Anat Res 2018;6(1.2):4890-4896.
3	Multiple choice questions as a tool of Assessment for 1 st Year MBBS Students.	Mrs.Krishnaveni.C	IJRSR (Pubmed) 9(12):29928-29930.
4	Effect of 1800-2100 mhz mobile phone electromagnetic radiation On mice hippocampal ca3 neurons	G. Krishna Kishore	IJSR 2018 ; 7 (11):682-4.
5	Effect of 1800 - 2100 MHz Electromagnetic Radiation on Learning-Memory and Hippocampal Morphology in	G. Krishna Kishore	JCDR 2019;13(2): 14-17.
6	Shapes of Menisci of Knee Joint : A human Cadaveric Study	Dr.Shashidhar.K	IJAR 2019;7(1.2):6239 6243

Achievements / honors / awards / fellowships if any during the year:
a) Faculty:

Sl.No	Details of the Honor/Award/Fellowship	Awarded by	Awarded to
1	Bharath Ratna Dr. Abdul Kalam Gold Medal Award On September 22 th 2018 For Individual Achievements And National Development	GEPR/ New Delhi	Mrs.Krishhnaveni.C
2	Best oral paper presentation for paper titled-'Morphometric study of Gall Bladder in Cadaver'	20th KCA State conference at Adichunchanagiri institute of Medical Science	Dr.Divya.C

Postgraduates:

Sl.No	Details of the Honor/Award/Fellowship	Awarded by	Awarded to
1	Best paper presentation for paper titled "Effect of non-ionizing radiation on spatial learning-memory in swiss-Albino mice"	17th Regional Society of Anatomists Meet-2018, in Andhra Pradesh	Mr.Krishnakishore

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. The Dept. is involved in Teaching I MBBS students, B.Sc. Allied Health Sciences, B.Sc. Nursing, M. Phil, Ph.D., M.Sc. MLT, M. Sc. Genome technology, MD Biochemistry and students of other department when posted for External postings to the Department.

The deptment has 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. The research lab has well equipped modernized instruments with 24x7 power back up which can facilitate up to 8 researchers to carry out their basic research activities.

The deptment have 24x7 Diagnostic laboratory at Central lab RLJH which is NABL accredited and caters to the diagnostic services of the patients coming to RLJH for treatment. 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, Electro Chemiluminescence for hormone assays and Thermo scientific ISE Fluoride

Analyzer for analysis of fluoride levels in patient samples. Routine Internal Quality Assurance and External Quality Assurance is done a part of quality confirmation done as per NABL ISO 15189: 2012 standards. Laboratory has undergone NABL accreditation for the scope of services in the year 2018.

NABL Accreditation Certificate



Thrust areas :

- Diabetes Mellitus and Micro vascular complications
- Role of proteases in health and disease
- Biomarkers and its application in preeclampsia
- Biomarkers and its applications in Acute Kidney injury
- Biomarkers and its applications in cirrhosis of LiverFluorosis
- Oxidative Stress markers in Health and Disease Biomarkers, Oxidative stress in diseases related to Endocrinology and in Cancer

Teaching Faculty



Teaching Faculty- Sitting: R to L - Dr. K.N. Shashidhar, Dr. Munilakshmi.U, Dr. Susanna.T.Y, Dr. Sumathi. M.E, Dr. Mamatha Kunder, Dr. Deena Mendez, , Dr. Prabhavathi. K, and Dr. Mohammedi Begum

Standing: R to L - Mrs. Ranjeeta Gadde, Mrs. Sai Deepika .R, Mr. Bhuvaneshwar Yadav, Mr. Nagaraj, Mr. Rajeev Gandham, Ms. Tejaswi Gowdu, Mr. Narayana Swamy, Ms. Sangeetha, Mrs. Veena & Mrs Malleshwari.

Teaching Faculty Details :

Sl.No.	Name of the faculties	Designation
1.	Dr. Sumathi.M.E	Professor & HOD
2.	Dr.K.N.Shashidhar	Professor
3.	Dr. Prabhavathi.K.	Associate Professor

4.	Dr. Susanna.T.Y	Associate Professor
5.	Dr. Deena C. Mendez	Assistant Professor
6.	Dr. Mamatha Kunder	Assistant Professor
7.	Dr. Munilakshmi.U	Lecturer

Ph. D Scholars, Dept. of Biochemistry

Sl. No.	Name of the Ph. D Scholar	Thrust area
1.	Mrs. Ranjeeta Gadde	Oxidative stress index, Plasma Placental Protein, Vascular endothelial dysfunction in preeclampsia.
2.	Mr. Rajeev Gandham	Oxidative stress, angiogenesis markers, preeclampsia
3.	Mrs. Sai Deepika	Diabetes mellitus, chronic kidney disease, fluorosis
4.	Mr. Bhuneshwar Yadav	Association of Vitamin D binding protein in Diabetic nephropathy- A cross sectional analytical study
5.	Miss. Tejaswi Gowdu	Spexin as a novel biomarker and its relation with cardiometabolic parameters in metabolic syndrome

Details of programmes conducted:

Sl. No	Date(s)	Nature and theme of the program
CME	11 th May 2018	Biomarkers- Promise into Reality
Workshop	21 st August 2018	Six sigma metrics

Details of Research projects

Completed:

Sl. No	Title of the Research Project	Principal Investigator
1	Gender specific utility of lipid ratios and its correlation with systemic inflammation in acute myocardial infarction (AMI) patients with type 2 diabetes mellitus A hospital based study	Susanna.T.Y
2	ITC Sponsored Project A Randomized Double-Blind, parallel Group study to evaluate the Effect to Test Atta Plus metformin as Compared to Comparator Atta plus Metformin in Regulating Blood Glucose and Safety in Subjects with Type 2 Diabetes Mellitus"	Dr. Shashidhar.K.N

3	Serum Total Bilirubin and oxidative stress status in diabetic retinopathy-A hospital based observational study	Dr.Prabhavathi.K
4	Dyslipidemia in Osteoarthritis. A Case control study	Dr. Prabhavathi.K
5	A study of Life style modification with metformin VS study life style modifications in pre-diabetic subjects	Dr. Asha B

On going :

Sl No.	Title of the research project	Principal investigator	Co-investigator
2.	The find association of Fluoride in Diabetes Type 2 and its Microvascular Complications. A Tertiary Care Rural Hospital Case Control Study.	Dr.K.N.Shashidhar	Dr.Deena Mendez Mrs. Munilakshmi.U Dr.A.V.M. Kutty Dr.Raveesha
3.	Association of Plasma Fluoride levels with occurrence of prediabetes in three Endemic villages of Kolar District.	Dr.Sumathi.M.E	Dr. Lakshmaiah V Dr. K.N Shashidhar Dr. Hari Prasad S Dr. Ravi Shankar .S
4	Comparison of genetic predisposition and fluorosis as a risk factor of pseudo exfoliation syndrome and its link to sensorial hearing loss.	Dr. Chaitra M C Sr. Resident Dept. of Ophthalmology	Dr. Sumathi M E Dr. Rashmi G Dr. Sharath B Mr. Praveen Kumar K S Dr. S.M. Azeem Mohyuddin Mrs. Apoorva H M
7	Role of nutrition education intervention in the progression of kidney disease wasting in rural hemodialysis patients	Dr. Madhavi Reddy	Dr. Rajareddy Dr. B N Raghavendra Prasad Dr Shashidhar K N Mrs.Munilakshmi.U
8	Effect of Fluoride levels on intelligence in school children of rural areas of Kolar District.	Dr. Sumathi M.E	Sangeetha P Kadimani Dr. Deena Mendez
9	Knowledge and Awareness about Fluorosis in rural population of Kolar district.	Dr. Sumathi M.E	Sangeetha P Kadimani

Project submitted for approval:

MD/MS Dissertations / Ph.D. thesis (2018-19 batch only)

Sl. No	Topic	Name of the student	Name of the Guide	Name of the Co-guide (if any)
1	Association of Vitamin D binding protein in Diabetic Nephropathy	Mr. Bhuneswar Yadav	Dr.K.N.Shashidhar	Dr. Lakshmaiah. V Dr. Muninarayana. C
2	Spexin as a novel biomarker and its relation with cardiometabolic parameters in metabolic syndrome	Miss. Tejaswi gowdu	Dr. Sumathi M E	Dr. Prabhakar K
3	Role of Xanthine Oxidase And Uric Acid In Metabolic Syndrome	Dr. Charchit Mehta	Dr. Vidyasagar	Dr. Sumathi M.E
4	Studies on Adiponutrin and microsomal triglyceride protein for differentiating stages of NAFLD	Ms. Shukla Mayuri Omprakash	Dr. Mamatha Kunder	Dr. Bharath Dr. Prabhakar. K
5	Role of matrix metalloprotease- 2 and alpha1-antitrypsin on VEGF levels in diabetic retinopathy	Ms. Kukshal Ashansha Mohan	Dr. Mamatha Kunder	Dr. Sharath. B Dr. Mohan Kumar
6	Postoperative serum parathyroid hormone levels as a predictor of hypocalcemia in patients undergoing total thyroidectomy	Dr. Kunal Thakur	Dr. Sagayaraj. A	Dr. Susanna. TY
7	Serum biomarkers and fluoride estimation in preeclampsia	Mrs. Krishnaveni	Dr. Raghuveer.C.V	Dr. Prabhavathi. K

Publications:
Published:

Sl no.	Paper Title	Author	Journal
1	Preanalytical variables and its impact on total quality management of clinical biochemistry laboratory-A tertiary referral rural hospital study	Munilakshmi. U Shashidhar K.N Susanna. TY	Int J Clin Biochem Res 2018; 5(3):467-472.
2	Placental protein 13: An important biological protein in preeclampsia	Ranjeeta G, Dayanand CD, SR. Sheela	Journal of Circulating Biomarkers 2018;7:1-16.
3	A proteomic approach of biomarker candidate discovery for alcoholic liver cirrhosis. for cirrhosis of liver	Krishna Sumanth Nallagangula, Shashidhar KN, Lakshmaiah V, Muninarayana C Deepa KV	Journal of Circulating Biomarkers 2018;7:1-9
5	Neutrophil Gelatinase Associated Lipocalin (NGAL), an Early Marker for Urinary Tract Infection and Acute Kidney Injury	U. Munilakshmi, K.N. Shashidhar, C. Muninarayana, Madhavi Reddy V. Lakshmaiah	Asian Journal of Biochemistry 2018;13(1):15-21
6	Plasma Neutrophil Elastase, α 1 Antitrypsin, α 2-Macroglobulin and Neutrophil elastase, α 1 Antitrypsin complex levels in patients with dengue fever	Mamatha Kunder V Lakshmaiah A.V Moideen Kutty	Ind J Clin Biochem 2018; 33(2):218-221.
7	Sirtuin1: Serendipitous and Enigmatic Molecule	Sai Deepika Ram Mohan and Shashidhar Kurpad Nagaraj	International Journal of Current Medical and Pharmaceutical Research 2018.
8	To Estimate the level of Oxidative stress parameter among Diabetic persons with Squamous cell carcinoma of oral cavity: A Case Control Study	Shashidhar K.N Harsith Gowda Munilakshmi. U Hemalatha. A Vinay Babu. S	AJCRR 2018;2:7-10
9	A Study of Thyroid Dysfunction in Patients with Abnormal Uterine Bleeding	Ashritha Rebala SunitaV Shashidhar K.N	Indian Journal of Obstetrics and Gynecology 2018;5(2):79-83.

10	Correlation of Cytological Grading in Lymphocytic Thyroiditis with Thyroid Hormones and Antibodies -A Retrospective Study in the Era of Bethesda System of Thyroid Reporting	Supreetha Megalamane Hemalatha Anantharamaiah Shashidhar Nagaraj Kurpad	Journal of Clinical and Diagnostic Research 2018;12(8):EC01-EC0
11	Plasma Neutrophil Elastase and its Endogenous Inhibitors as Differential Inflammatory Markers for Dengue and Pneumonia	Mamatha Kunder V Lakshmaiah A.V Moideen Kutty	Journal of Clinical and Diagnostic Research 2018; 12(12):BC01-BC03.

Achievements / honors / awards / fellowships if any during the year: Awarding Authority:

Faculty:

Sl.No	Details of the Honor/Award/Fellowship	Awarded by	Awarded to
1.	Best Quality Manager- 2018	Academy of Medical Laboratory Auditors, NIMHANS, Bengaluru.	Dr. Sumathi. ME
2.	Ph.D. Degree	SDUAHER on 21-03-2018	Dr. Mamatha Kunder Dr. Munilakshmi. U

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 with permission to take in 3 postgraduate students per year & Phd in 2013. The department imparts the knowledge of Physiology to students of Medicine, Nursing, BPT and Allied health sciences. Faculty are trained in Medical Education Technology and HOD has been awarded the FAIMER fellowship. 4 Faculty are pursuing PhD and all the faculty are engaged in mentorship program. Problem based learning was introduced as Innovation in Teaching in the topic Autonomic nervous system for I MBBS 2018-19 Batch. Museum & chart based for learning Neuro Physiology was conducted. Incomplete hand-outs were given in topics of CNS & GIT for MBBS 2018-19 batch to encourage active learning.

Thrust areas :

- Sleep deprivation studies in rodents
- Memory & cognition studies in humans & rodents
- Educational research - Assessment

Teaching Faculty



Mr Suresh, Dr Shobha MV, Dr Ashwini K Shetty, Ms Pravallika P, Dr Jagadamba A, Mrs Usha G Shenoy, Dr Geetha S, Dr Vinutha Shankar

Teaching Faculty Details :

Name	Designation
Dr.Vinutha Shankar.M.S	Professor & HoD
Dr.Jagadamba.A	Assoc. Professor
Dr.Shobha.M.V	Assoc. Professor
Dr Ashwini K Shetty	Assoc. Professor
Dr.Geetha.S	Assoc. Professor
Mrs.Usha G Shenoy	Lecturer
Mr.Suresh.K	Tutor
Ms.Pravallika. P	Tutor

Details of programmes conducted:

Sl. No	Date(s)	Nature and theme of the program
CME	06 th Aug 2018	State level CME was conducted on “Physiology of Cognitive Neuroscience & its Alterations “
Workshop	21 st Aug 2018	“Age Friendly Karnataka” Theme-Remembering those who can’t remember, A Joint Initiative by Karnataka State Legal Services Authority, National Institute of Mental Health and Neurosciences and Karnataka State Resource Centre for Senior Citizens, Government of Karnataka

Details of programmes attended by faculty:

Sl. No	Date(s)	Nature and theme of the program	Name of the Faculty attended
CME	28 th Feb 2019	Epilepsy updates at Sambhram institute of medical sciences	Dr. Geetha.S, Dr Shobha.MV Dr.Ashwini K Shetty Ms. Pravallika
Workshop	11 th to 16 th	PSGFRI, Coimbatore	Dr.Vinutha Shankar. M.S
	29 th November to 1 st December 2018.	APPICON 2018 workshop titled Animal models in Neurophysiology	Dr.Geetha.S,
	16 th December 2018	Blue printing to enhance content validity of assessments	Dr Vinutha Shankar
	21 st March 2018	Simulation in Physiology at Yenapoya medical college	Dr Ashwini Shetty
	9&10 th November 2018	Faculty development program at SVASA	Dr Vinutha Shankar
	20&22 nd February 2019	CISP training for CBME implementation at St Johns medical college	Dr Vinutha Shankar
Conference	29 th November to 1 st December 2018.	Conference at KMC , Manipal	Dr.Geetha.S, Dr Shobha ,Mrs Usha G shenoy

Conference	29 th November to 1 st December 2018.	Conference at KMC , Manipal	Dr.Geetha.S, Dr Shobha ,Mrs Usha G shenoy
	26 th Nov 18 to 2 nd Dec 18	3rd IBRO/ APRC Chandigarh associated Neuroscience school in Punjab university	Mr Suresh
	5 th Dec 2018 to 7 th Dec 18	World bioethics congress at St.Johns Medical College	Dr Ashwini Shetty
	14 th to 16 th March 2019	Neurochemistry and Neuro physiology at JSS college of Pharmacy	Dr Geetha S Ms Pravallika

Details of Oral / Poster presentation by faculty

Details of Poster presentation

Oral / Poster presentation	Event	Name of the faculty concerned
Poster	Perception of the participants of a physiology CME on the effectiveness on the use of tests of cognition in retaining their at 0074 ention during the programme –A Report” at NCHPE 2018, held at Nagpur from 14 th to 17 th November 2018	Dr. Geetha S.
Poster	Efficacy of sleep recovery on acute sleep deprivation induced cognitive and behaviour alteration” at 3 rd IBRO/ APRC Chandigarh associated Neuroscience school in Punjab university from 26-11-2018 to 02-12-2018	Mr. K Suresh
Poster	Effect of the mine tailing dust Pulmonary Functions & Respiratory symptoms of the women exposed communityheld at JSS College for Women, Mysuru from 9-11 th November 2018.	Mrs. Usha Shenoy
Poster	Awareness on sexual harassment at workplace among the students and faculty of a medical college in Kolar- a survey held at JSS College for Women, Mysuru from 9-11 th November 2018	Dr.Geetha.S

Poster	Effect of mine tailing on the respiratory symptoms and function in the residents of a gold mining town in South India at APPICON 2018 at KMC , Manipal from 29th November to 1 st December 2018	Mrs. Usha Shenoy
Poster	Association of serum iron indices with Insulin Resistance Index among offspring with and without family history of Diabetes Mellitus at APPICON 2018 at KMC , Manipal from 29 th November to 1 st December 2018	Dr. Shobha MV
Poster	The effect of ghrelin on cognition in 1-methyl-4-phenyl-1, 2, 3, 6-tetrahydropyridine (MPTP) rat model of Parkinson's disease by the enhancement of hippocampal dendritic arborization via the AMPK pathway in comparison to that of enriched environment at the International Conference on Neurochemistry and Neuropharmacology organized by JSS college of Pharmacy from 14th – 16th March 2019.	Dr. Geetha S
Poster	Effect of mobile phone radio frequency electromagnetic radiations (RFEMR) on feeding behaviour in Sprague Dawley (SD) rats at the (International Conference on Neurochemistry and Neuropharmacology organized by JSS college of Pharmacy from 14th – 16th March 2019.)	Pravallika

**Details of Research projects
Completed:**

Sl. No	Title of the Research Project	Principal Investigator
1.	"Perception of the participants of a physiology CME on the effectiveness on the use of tests of cognition in retaining their attention during the programme –A Report	Dr. Geetha S.
2.	Effect of learning modalities on visuomotor performance & mental flexibility in professional student	Mrs.Usha.G.Shenoy
3.	Association of serum Iron indices with insulin resistance index in offsprings of nondiabetics & nondiabetics	Dr Shobha,

On going :

Sl. No	Title of the research project	Principal Investigator
1	preoperative and postoperative surgery evaluation of cognition by p300 latency in type 2 diabetic adults	Dr Jagadamba A
2.	Effect of MO leaves on haematological profile and histomorphology of liver, spleen and kidney of fluorosis effected rats	Ms Pravallika
3.	Knowledge, attitude and practice of lesson planning among the teaching faculty of a Medical College in Kolar'	Dr.Geetha S
4.	Neurobiological and neurochemical assessment of behavior and cognitive changes in sleep deprived rats and effect of sleep recovery.	Mr.Suresh K
5.	Knowledge and practices on personal & hand hygiene and effect of its intervention among rural school children	Dr. Jagadamba A
6.	Effect Of Enriched Environment On Memory And Learning In Streptozocin Induced Diabetic Rats.	Dr. Geetha S
7.	Influence of Internet addiction on critical fusion frequency	Dr.Jagadamba A,
8.	Effect of Basal metabolic rate on pulmonary function in obese adults	Mrs.Usha.G.Shenoy
9.	Impact of internet addiction on heart rate variability among young adults	Dr Jagadamba A,
10	Effect of peripheral neuropathy on efficiency of bimanual hand coordination among type 2 diabetic adults	Dr Ashwini,
11	Heart rate variability: A simple tool to assess autonomic tone in young adults at risk of developing type 2 diabetes mellitus	Dr. Shobha .M.V,
12	Exploring knowledge & attitude of medical students with regard to obstructive sleep apnoea	Dr Shobha,
13	Assessment of cognitive function in hypertensive subject using Rowland universal dementia assessment scale(RUDAS) and critical flicker fusion frequency test	Dr Geetha. S

Publications:
Published:

Sl. No	Title of the paper	Author(s)	Journal
1.	Effect of cigarette smoking on hearing thresholds using pure tone audiometry	Shetty KA, Shankar MS , Kutty K.	Int. J. Physiol. Nutr. Phys. Educ. 2018; 3(2): 296-301.
2.	Effect of road traffic noise on auditory threshold in traffic policemen.	Kavana G Venkatappa, Vinutha Shankar, Sparshadeep EM	Int. J. Curr. Res. Biol. Med.2018; 3(6): 12-17.
3.	Does smoking affect intraocular pressure? A cross-sectional study.	Geetha S, Kumar LD.	Natl J Physiol Pharm Pharmacol 2018; 8(12): 1662-1667.
4.	Yoga therapy for sustained attention.	Vineetha V, Vinutha S, Karthiyanee K, Kumar A, Nagendra HR, Ganpat TS.	Arch Med Health Sci 2018 ;6 : 70-72
5.	Association of cigarette smoking with hearing loss:Cross sectional study among sample population of Kolar.	Ashwini KS,Vinutha MS,Karthiyanee K	Med Int J of Physiology 2018; 7(2): 28-31.
6.	Peak expiratory flow rate blood oxygen saturation and pulse rate amo ng the mine tailing community	Shenoy U, Kutty K	Indian J Community Med 2018;43:294-7.
7.	Feeding behaviour and its association with stress: a review.	Pagadala P, Vinutha MS karthiyanee K	JCDR 2019;13(3):CE01-CE05.
.8.	Small group's application based learning approach (SABLA): From pilot to curricular change in physiology	Vinutha MS, Karthiyanee K	Indian J Physiol Pharmacol 2018; 62(4):479-482.

Accepted for Publication:

Sl. No	Title of the paper	Author(s)	Journal
1.	Evaluation of pulmonary function in rice mill workers"	Parasuraman S, Vinutha Shankar MS, Jagadamba A, Karthiyanee K	Indian J Physiol & Pharmacol

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

Faculty:

Sl.No	Details of the Honor/Award/Fellowship	Awarded by	Awarded to
1.	Best paper presentation for her work titled Pulmonary Functions & Respiratory symptoms of the women exposed to mine tailings.	11th National Women's Science Congress held at JSS College for Women, Mysuru from 9-11th November 2018.	Mrs. Usha Shenoy

Any other important information:

- **Innovative practices implemented in the department in the assessment year :**
- Problem based learning was introduced as Innovation in Teaching in the topic Autonomic nervous system for Ist MBBS 2018-19 Batch.
- Museum & chart based for learning Neuro Physiology was conducted.
- Incomplete hand-outs were given in topics of CNS & GIT for MBBS 2018-19 batch and students were oriented towards the same.
- **Community based learning was encouraged** by Department of Physiology.SDUMC Kolar, by observing the National nutritional week 2018 (1st September - 7th September) by taking I MBBS students to schools and creating awareness regarding healthy eating habits on 3 days to 3 different schools.

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 equipment and chemicals were procured for undergraduate practical teaching.

Post graduate course in MD pathology started in 2003 with 2 admissions per year which was increased to 4 since 201

The faculty are actively involved in undergraduate and postgraduate teaching, diagnostic services and research. Posters and scientific papers are being presented in conferences and published in various state, national and international journals.

The department has well stocked computerized museum, arranged systematically with relevant legends and teaching material, central laboratory with clinical pathology, cytopathology, frozen section, histopathology with facilities for 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.

Thrust areas:

Thrust areas:

Tumor Biology:

Application of Immunohistochemistry markers and molecular markers for the diagnosis /prognosis of following malignancies:

- Head & neck tumors.
- Breast tumor.
- Prostatic tumor.
- Cervical cancer.

- Cytopathology :**

- Study of cytopathology of thyroid tumors
- Cervical cancer screening.

- Haematology:** Platelet Indices, Bleeding and coagulation studies in Snake Poisoning.

- Blood Bank:** Blood component separation , increase of shelf life of blood components and platelet Apheresis

Teaching Faculty



L.R : Row 1 : Dr Hemalatha A, Dr TN Suresh, Dr Harendra Kumar ML, Dr Kalyani R (Professor & HoD), Dr CSBR Prasad, Dr Subhashish Das, Dr.Manjula.K
L-R: Row 2: Dr Swaroop Raj B V, Dr Supreetha MS, Dr Yashaswini R, Dr Geetha S, Dr Shilpa MD

Teaching Faculty Details :

Sl No.	Name	Designation
1	Dr.Kalyani.R	Professor and HoD
2	Dr.M.L.Harendra Kumar	Professor
3	Dr CSBR Prasad	Professor
4	Dr.T.N.Suresh	Professor and Lab Director
5	Dr.Subhashish Das	Professor and in-charge, Blood bank

6	Dr.Manjula.K	Additional Professor
7	Dr.Hemalatha.A	Additional Professor
8	Dr.Swaroop.Raj.B.V	Associate Professor
9	Dr Supreetha M S	Assistant Professor
10	Dr Shilpa M D	Assistant Professor
11	Dr.Yashaswini R	Assistant Professor
12	Dr.Geetha S	Assistant Professor

Details of programmes conducted:

Sl. No	Date(s)	Nature and theme of the program
CME	1 st Sept 2018 22 nd Sept 2018	13 th CME Pathology (Workshop) – was conducted on 1 st September 2018 in association with Academy of Pathology “Leukemias and BM transplantation” in collaboration with HCG
Workshop	22 nd and 23 rd February 2019	Wet Workshop on “Advanced Immuno-hematology”
Guest Lecture	24 th May, 2018	“Digitalization of Glass Slides” on 24 th May, 2018 by Mr.Amith Chudary, CEO of Bio-Wings, Hyderabad

Details of programmes attended by faculty

Sl. No	Date(s)	Nature and theme of the program	Name of the Faculty attended
Conference	3 rd &4 th October 2018	45th Annual Conference of KCIAPM held at NIMHANS conducted by Anand Diagnostic Laboratory	Dr.Kalyani.R Dr.CSBR.Prasad Dr.T.N.Suresh Dr.Manjula.K Dr.Swaroop Raj Dr.Shilpa.MD
	2 nd -4 th February 2019	International CME in Pathology, Histopathology and cytology, Goa ,India	Dr.Supreetha MS Dr.Yashaswini.R
	8 th &9 th	MVJ International	Dr.Kalyani.R

Details of Oral / Poster presentation by faculty

Oral presentation

Oral / Poster presentation (specify)	Subject	Event	Name of the
Oral	Study of Incidental Histopathological findings in medical legal autopsies	45th Annual conference of KCIAPM held at NIMHANS convention centre conducted by Anand diagnostic laboratory on 3 rd and 4 th of October 2018, Bangalore	Dr.Manjula.K
Oral	Prognostic value of histopathological findings such as tumor stroma ratio, lymph node ratio, tumor infiltrating lymphocytes and tumor budding in breast carcinoma.	45th Annual conference of KCIAPM held at NIMHANS convention centre conducted by Anand Diagnostic Laboratory on 3 rd and 4 th of October 2018, Bangalore	Dr.Swaroop Raj

Oral	Histomorphological study of Chorionic villi in products of conception following first trimester abortions.	45th Annual Conference of KCIAPM held at NIMHANS convention centre conducted by Anand Diagnostic Laboratory on 3rd and 4th of October 2018, Bangalore	Dr.Shilpa.M.D
Oral	Revisiting Prostate biopsy with 2014 ISUP Modified Gleason score and Gleason Grade-A cross sectional study.	45th Annual conference of KCIAPM held at NIMHANS convention centre conducted by Anand Diagnostic Laboratory on 3rd and 4th of October 2018, Bangalore	Dr.Manan Shah
Oral	Cyto morphometric analysis of exfoliative buccal cells I chronic tobacco chewer and oral buccal squamous cell carcinoma patients	45th Annual Conference of KCIAPM held at NIMHANS convention Centre conducted by Anand Diagnostic Laboratory on 3rd and 4th of October 2018,	Mr. Sriram S Prasad Dr.T.N.Suresh
Oral	Efficacy of modified ultrafast papanicolau stain and conventional papanicolaou stain in various organs : A comparative study.	45th Annual Conference of KCIAPM held at NIMHANS convention Centre conducted by Anand Diagnostic Laboratory on 3rd and 4th of October 2018, Bangalore	Dr.Varshashree Dr.Kalyani.R
Oral	Significance morphometric evaluation of pre malignant and malignant cervical lesions- A cross sectional analytical study	45th Annual Conference of KCIAPM held at NIMHANS convention Centre conducted by Anand Diagnostic Laboratory on 3rd and 4th of October 2018, Bangalore	Dr.Hajra.K Dr.Kalyani.R

Oral	A comparative study of 3 scoring systems on palpable breast aspirates at a tertiary health care Centre	CYTOCON Goa 2 nd , 3 rd , 4 th November 2018	Dr.Varshashree Dr.Kalyani.R
Oral	Prognostic value of pretreatment routine hematological parameters in breast carcinoma: Advantageous or deleterious?	MVJ International Conference on Dermatopathology, Soft tissue Pathology 8 th &9 th March 2019	Dr.Shilpa.M.D
Oral	Analysis of quality pitfalls in the diagnostic pathology with emphasis on pre examination parameters.	MVJ International Conference on Dermatopathology, Soft tissue Pathology 8 th &9 th March 2019	Dr.Supreetha MS
Oral	Study the relationship between hematological indices and acute coronary syndrome	MVJ International Conference on Dermatopathology, Soft tissue Pathology 8 th &9 th March 2019	Dr.Geetha.S
Oral	Rationale use of platelet concentrates in Pediatrics – An audit in tertiary care Centre	MVJ International Conference on Dermatopathology, Soft tissue Pathology 8 th &9 th March 2019	Dr.Varshashree Dr.S.Das
Oral	Comparison of amount of elastin fibres with histopathological	MVJ International Conference on Dermatopathology, Soft	Dr.Preethi Utal
Oral	Spectrum of histopathological lesions in lungs at medico legal autopsy- A 10yrs study	APCON November 29 th Dec 3 rd 2018	Dr.Manjula.K
Oral	Pre-operative cytology and intra -operative frozen section: A comparative study of tumor & tumor like lesions.	International conference Goa 2 nd ,3 rd &4 th February 2019	Dr.Supreetha.MS

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Poster	The perception of haemovigilance among doctors and health care providers-An institutional study	TRANSMEDCON ,2018 Kochi, Kerala (National conference)	Dr.Subhashish Das
Poster	Platelet storage lesions: A flow cytometry evaluation	AABB-AATM 2018, New Delhi (InternationalConference)	Dr.Subhashish Das
Poster	Serous cystadenocarcinoma with fibroma of left ovary and epithelial dysplasia of left fallopian tube.	45th Annual Conference of KCIAPM held at NIMHANS convention Centre conducted by Anand diagnostic laboratory on 3rd and 4th of October 2018, Bangalore	Dr.Preeth Uthnal
Poster	Young female with omental nodule: A diagnostic dilemma	45th Annual Conference of KCIAPM held at NIMHANS convention centre conducted by Anand diagnostic laboratory on 3rd and 4th of October 2018, Bangalore	Dr.CSBR.Prasad
Poster	Mixed germ cell tumor of an unusual combination	International Conference Goa 2nd,3rd&4th February 2019	Dr.Yashaswini
Poster	Scoring of p16 expression in squamous cell carcinoma of uterine cervix: Comparison with LAST criteria with	MVJ International Conference on Dermatopathology, Soft tissue Pathology 8th& 9th March 2019	Dr.Kalyani.R
Poster	Metaplastic breast carcinoma-a case series	MVJ International Conference on Dermatopathology, Soft tissue Pathology 8th& 9th March 2019	Dr.Ankith
Poster	Serous Cystadenoma with bilateral tuberculosis-A dual lesion	MVJ International Conference on Dermatopathology, Soft tissue Pathology 8th& 9th March 2019	Dr.Sonia

**Details of Research projects
Completed:**

Sl. No	Title of the Research Project	Principal Investigator
1.	Histomorphometry of umbilical cord and its vessels in pre eclampsia as compared to normal pregnancies	Dr.Hemalatha.A
2.	Histomorphological study of chorionic villi in products of conception following first trimester abortion	Dr.Shilpa.MD
3.	Combined efficacy of pattern based approach and Milan system of cytology and reporting of salivary gland lesion	Dr.Supreetha.MS
4.	Association of histopathological findings such as TSR, LNR, Tissue eosinophilia, TIL and tumor budding with nodal metastasis in breast carcinoma	Dr.Swaroop Raj
5.	Utility of newer indices in identifying and assessing severity of iron deficiency anemia in patients at a tertiary rural hospital	Miss Hemini
6.	Clinicopathological profile of the neonates with thrombocytopenia admitted to NICU in a rural hospital	Dr.Shilpa.MD
7.	Mast cell density in endometrial hyperplasia	Dr.Yashaswini.R
8.	Analysis of quality pitfalls in diagnostic pathology with emphasis on pre examination parameters	Dr.Supreetha.MS
9.	Rationale use of platelet concentrates in paediatrics - An audit in tertiary care centre	Dr.Varshashree
10.	Revisiting cytology of salivary gland lesions by Milan system: A cross sectional study	Dr.Kalyani.R
11.	Comparison of Micro ESR method with westergren's method for determination of erythrocyte sedimentation rate	Miss.Swetha
12.	Comparison of amount of elast in fibres with histopathological parameters and elastography in breast carcinoma	Dr.Preethi

Ongoing :

Sl. No	Title of the research project	Principal Investigator
1	Association of histopathological findings such as tumor stroma ratio, lymph node ratio, tissue eosinophilia, tumor infiltrating lymphocytes and tumor budding with nodal metastasis in colon carcinoma	Dr.Swaroop Raj
2	Association of histopathological findings such as multifactorial grading systems, tumor stroma ration, lymph node ratio, tissue eosinophilia and tumor budding with nodal metastasis in oral squamous cell carcinoma	Dr.Swaroop Raj
3	Handheld portable centrifuge –a cost effective, accurate method for diagnosing anemia in screening	Dr.Swaroop Raj
4	Microscopy with ultraviolet surface excitation for rapid intraoperative consultation	Dr.Swaroop Raj
5	Image Classification and machine learning algorithm in a mobile application for reading urine reagent strip test	Dr.Swaroop Raj
6	Role of imprint cytology in the diagnosis of neoplastic and non-neoplastic lesions and its correlation with histopathological findings	Dr.Shilpa.MD
7	Histomorphometry of umbilical cord and its vessels in pre eclampsia as compared to normal pregnancies	Dr.Hemalatha.A
8	Role of Hematological parameters in cervical cancer	Mr. Neeraj
9	Utility of Cytosponge –a low cost device in the diagnosis of Barrett’s esophagus and esophageal carcinoma as a substitute for endoscopy in a low resource setting	Dr.CSBR.Prasad
10	Rapid diagnosis of meningitis in resource poor settings	Miss.Vadhu Chethana
11	Inflammatory markers and immunomarkers in smokers versus nonsmokers: A cross sectional study	Mr.Vidith
12	Pretreatment complete blood count in patients with head and neck cancers: A predictor of prognosis or a routine test	Miss.Adhija Naithani
13	To evaluate efficacy of an environmental friendly enviro PAP & rapid , economical , acetic acid papanicoloau stain with conventional conventional papanicaloau stain in cervical cytology	Miss.Nanda

14	Role of D-dimer in diagnosis of acute coronary syndrome	Miss.Priya Vashista
15	Prognostic value of pre-treatment routine hematological parameters in breast carcinoma: Advantageous or deleterious?	Dr.Shilpa.MD
16	Study the relationship between hematological indices and acute coronary syndrome	Dr.Geetha.S
17	Correlation between vasculogenic mimicry and epithelial mesenchymal transition in infiltrating ductal carcinoma of breast	Dr.Hemalatha.A
18	Association of ABO & RH blood group system with breast cancer in Kolar	Dr.Subhashish Das
19	Utility of impression cytology in the diagnosis of dry eye	Dr.Yashaswini
20	The utility of anal pap smears in patients presenting with anal –rectal complaints	Dr.CSBR.Prasad
21	Coronary artery anomalies- An autopsy study	Dr.CSBR.Prasad
22	Development and implementation of e-portfolio in medical education	Dr.TN.Suresh
23	Extension of shelf life of platelets; Prospects and pitfalls	Dr Dr.Subhashish Das
24	P16 as a circulating biomarker in invasive squamous cell carcinoma of cervix	Dr.Kalyani.R
25	Comparative assessment of quality parameters of platelet concentrates prepared by different methodologies	Dr.Varsha
26	Expression of CD133 in invasive ductal carcinoma of breast	Dr.Preethi Ashok

Project submitted for approval:

Sl. No	Title of the research project	Principal Investigator
1	Evaluation of genetic markers such as BRAF V600E, TERT promoter and p53 mutations with clinical and histopathological findings in thyroid carcinoma	Dr.Swaroop Raj
2	Expression of Programmed death Ligand -1 in Invasive ductal carcinoma of Breast and its association with clinicopathological parameters-An Observational Study	Dr.Shilpa.MD
3	Expression of Vitamin D metabolism and signaling markers in malignant thyroid and benign thyroid lesions	Dr.Supreetha.MS
4	Epithelial mesenchymal markers and hormone receptor expression and its association with prognostic factors in	Dr.Yashaswini.R
5	Evaluation of Her2/neu expression in papillary thyroid cancer	Dr.Geetha.S

MD/MS Dissertations / Ph.D. thesis (2018-19 batch only)

Sl. No	Topic	Name of the student	Name of the Guide	Name of the Co-guide (if any)
1	Significance of epithelial and mesenchymal transition markers in squamous cell neoplasms of uterine cervix	Dr.Ankith Anand	Dr.Kalyani.R	Dr.Sheela
2	Diagnostic utility of Galactin -3 and CK - 19 in differentiating papillary thyroid carcinoma from non-neoplastic lesions of thyroid	Dr.Priyanka Prasad	Dr.CSBR.Prasad	
2	Co-relation between TI-RADS ultrasound categories and BETHESDA cytology categories of thyroid lesion	Dr.Sonia Kumari	Dr.TN.Suresh	Dr.Azeem Mohiyuddin
4	Tumor associated macrophages in primary epithelial breast carcinoma using CD68 & CD 163 markers	Dr.Gaurav	Dr.Manjula.K	Dr.Bhaskaran.A

Publications:
Published:

Sl. No	Title of the paper	Author(s)	Journal
1	GSTP1 c.341C>T gene polymorphism increases the risk of oral squamous cell carcinoma.	Rajesh D, Balakrishna S, Azeem Mohiyuddin SM, Suresh TN, MoideenKutty AV.	Mutat Res Genet Toxicol Environ Mutagen. 2018 ;8 31:45-49.
2	Expression of vascular endothelial growth factor and micro vessel density in psoriatic skin lesions.	Rajan PT, Suresh TN, Rajashekar TS.	Indian Dermatol Online J2018;9:418-21
3	Study of various nuclear features of papillary thyroid carcinoma in other thyroid lesions.	Manjula K, Prasad CSBR, Harendra Kumar ML.	J Diagn Pathol Oncol. 2018;4(3):141-144.
4	Primary Squamous Cell Carcinoma of Renal Pelvis Associated with Stag horn Calculi Masquerading as a Xanthrogranulomatous Pyelonephritis.	Shilpa MD, Kalyani R, Sreeramulu PN, GN Manjunath	Natl. lab. med.2018; 7(3): PC04-PC06.
5	Histomorphological study of chorionic villi in products of conception following first trimester abortions.	Shilpa MD, Supreetha MS, Varsha	Pathology Update: Tropical Journal of Pathology and Microbiology 2018;4(7): 499-504
6	Revisiting Prostate Biopsy with 2014 ISUP Modified Gleason Score and Gleason Grade A cross sectional study.	Manan B S, Kalyani R, Harish Kumar G.	Biomedical research and therapy 2018;5(12): 291 8-2925.
7	A retrospective study of cytological grading in lymphocytic thyroiditis its biochemical correlation	Supreetha MS, Hemalatha A, Shashidhar KN	Journal of Clinical and Diagnostic Research. 2018 ;12(8): EC01-EC04
8	Aspiration cytology along with histomorphological correlation of salivary gland lesions - A 5 years	Rajini G, Supreetha MS, Das S	Annals of pathology and Laboratory medicine 2018; 5(11):855-860

9	Correlation of Fine needle aspiration of breast lesions(IAC categories) with histopathology and emphasis on code 3&4	Hemalatha A, CSBR Prasad	J Clin Biomed Sci 2018; 8 (3): 80 – 84
10	Cytological diagnosis of Multilocular meloblastoma of the mandible: A case report	Pradeep Mithra, Kalyani.R, Prashanth SM	Annals of Pathology and Laboratory Medicine 2019; 6(2):12-15
11	Competency based medical education	Raghuveer CV, Kalyani.R, Sudha S	Journal of Neonatal Research and Pediatric Care 2019; 2(1): 1-7
12	Haemangioma of cervix – A case report.	Manan S, Kalyani R	Journal of Clinical and Diagnostic Research 2018; 12(10): ED04-05.
13	Ovarian tuberculosis masquerading as malignancy-case report of 2 case with review of literature	Shilpa.MD, Suresh TN, Kalyani R	J clin Biomed Sci 2018;8(3) : 99-102
14	Significance of Copper, Zinc, Selenium and fluoride in Squamous cell carcinoma of cervix- A pilot study	Meghana, Kalyani R, Sumathi, Sheela	Journal of Clinical and Diagnostic Research 2019;13(5): 17-20.
15	Pitfalls in fine needle aspiration cytology diagnosis in ductal carcinoma in a lactating breast	Hajra K, Kalyani R, CSBR Prasad	Int J App Basic Med Res2019;9(2): 107-110
16	A study of rapid Leishman stain on peripheral blood smear	Prem, Hemalatha.A	Annals of Pathology and Laboratory medicine 2019; 6(4): 201-204
17	Cytology-histology correlation of gynecologic and non-gynecologic samples at a tertiary health care centre: a two year study	Kalyani R, Supreetha MS Varsha shree	Biomedical Research and Therapy 2019;6(4):3096-3106
18	Salivary gland tumors: features not to be missed on cytology- A study of	Supreetha MS , Hemalatha A, Bhaskaran A	IP Journal of Diagnostic Pathology and

19	Study of Incidental Histopathological Findings in Medico Legal Autopsies	Manjula K, CSBR Prasad Srinivas R	Indian Journal of Forensic Medicine and Pathology 2019;12(1):5-8
20	Role of papanicolaou smear in the diagnosis of pathological flora in reproductive age group patients in tertiary care centre.	Supreetha MS, Preethi Hemalatha A	MIJOPAT 2019; 9 (2) : 72-75
21	Hemangioma of the base of the tongue: A case report	Hajra K, Kalyani R	National journal of Laboratory Medicine 2019; 8(1): 5-7
22	Significance of morphometric evaluation of Pre malignant and malignant lesions of Uterine cervix: A cross sectional analytical study	Hajra K, Kalyani.R, Sheela	Journal of Clinical and Diagnostic Research 2019; 13(4): 5-7
23	A study of tumor associated macrophages and their subpopulation M1 and M2 by immunohistochemistry in colo-rectal cancer	Chandana R, Harendra Kumar ML, Bhaskaran.A	Indian journal of Pathology: Research and Practice 2019; 8(3): 267-275
24	Amylase crystalloids in parotid salivary gland swelling on FNAC	Preethi, Shilpa.MD, Geetha S	J Clin Biomed Sci 2018; 8 (1): 34-35
25	Diagnostic efficacy of imprint cytology and frozen section of breast lesions	Chaithra, Das S	Indian journal of Pathology and Oncology 2019;6(1):128-136

a) Authorship in Books:

Sl. No	Title and Chapter of the Book, as applicable	Edition and Year of publication	Author(s)
1	p16 biomarker in cervical intraepithelial lesion and carcinoma: A Review in Top 10 commentaries in cervical cancer	Published by Avid Science, Germany, 2018;2 -49.ISBN No: 978-93-88170-23-9	Dr.Kalyani.R

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

Postgraduates:

Sl.No	Details of the Honor/Award/Fellowship	Awarded by	Awarded to
1	Best poster award	45 th KCIAPM conference	Dr.Preethi Utnal



Dr.Preethi Ashok Uthnal Final year post graduate receiving best poster award in the 45thAnnual Conference of KCIAPM conducted by Anand Diagnostics

Department of Pharmacology

Vision:

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

Introduction:

Department was established in 1988 with all facilities as per MCI requirement under the guidance of Dr.Nanjappa S, senior Professor and Dr.Babu S Nema, HoD. Dr.T.S.Hariharan, Dr.Sarala N and Dr.T.N.Kumar devoted towards further development of the museum, practical record, undergraduate and postgraduate syllabus. In January 2003, MD Pharmacology course was started with approval of MCI. Department was recognized as Peripheral Pharmacovigilance Center from 2005 and from July 2015 it is functioning as Adverse Drug Reaction Monitoring Centre under Phamacovigilance Programme of India by Indian Pharmacopoeia Commission, National Coordinating Center, Ghaziabad. Central animal house is registered under Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA), New Delhi. Computer Assisted Learning Laboratory was established in 2019. Department was conferred the Best Department Award for the year 2014-15.

Thrust areas:

- Pharmacogenetics
- Pharmacovigilance
- Pain Management

Teaching Faculty



Sitting L to R- Dr. Harish S, Dr. Bhuvana K, Dr. Sarala.N, Dr. Asha B, Dr. Smitha Rai
Standing- Dr. Saqlain Mohamed, Dr. Sraavani Thokachitchu

Name	Designation
Dr. Bhuvana K	Professor and HoD
Dr. Sarala N	Professor
Dr. Asha B	Additional Professor
Dr. Smitha Rai	Assistant Professor
Dr. Harish S	Assistant Professor
Dr. Muninarayana S	Veterinary Doctor
Dr. Sraavani Thokachitchu	Tutor
Dr. Madhusudhan C N	Tutor

Details of programmes conducted:

Sl. No	Date(s)	Nature and theme of the program
01	7 th August 2018	Workshop -Problem Based Learning

Details of programmes attended by faculty

Sl. No	Date(s)	Nature and theme	Name of the Faculty attended
1.	04 th February 2019	CME “Vaccine Pharmacovigilance” through ADR monitoring centers (PvPI) of Vani Vilas Hospital, Bangalore	Dr. Harish S
2.	14 th March 2019	CME “Evidence Based Medicine” at St John’s Medical College, Bangalore, ICMR, Advanced Centre for Clinical Pharmacology	Dr. Sarala N
1.	16 th May 2018	Workshop ‘UNESCO Declaration on Bioethics and Human Rights’ at SDUAHER, conducted by Bioethics Unit, Division of Health and Humanities, St. John’s Research Unit, Bangalore	Dr. Bhuvana K Dr. Sarala N
2.	12 th to 14 th March 2019	Workshop “Curriculum Implementation Support Program” at St. John’s Medical College, Bangalore, MCI Nodal	Dr. Sarala N
3.	06 th to 07 th September 2018	Conference International Conference on Gender Equality through the strategy of Gender Mainstreaming organized by Presidency University, Bengaluru	Dr. Asha B

Details of Research projects

Ongoing: 10

Sl. No	Title of the research project	Principal Investigator
1.	A study of life style modification with and without metformin in prediabetic subjects	Asha B
2.	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
3.	Myths and misconceptions about epilepsy among the general population of Kolar district	Silar Khan Mayana
4.	Drug utilization study in geriatric patients of Kolar	Manasa Veena
5.	Prescription pattern during pregnancy in the tertiary care hospital of Kolar, India: A cross sectional study	Asha B
6.	Effect of preoperative melatonin on anxiety and pain in patients undergoing Phacoemulsification cataract surgery	Sarala N
7.	Influence of CYP2C9 gene polymorphisms on the analgesic effect of piroxicam in patients with osteoarthritis of knee	Bhuvana K
8.	Perception and Quality of life in family caregivers of cancer patients.	VidyaNidhi
9.	Effect of hydroxychloro quine on glycaemic status in patients with rheumatoid arthritis and type II diabetes mellitus	Asha B
10.	Clinic demographic profile and outcome in patients with Organophosphorus compound poisoning in a tertiary care teaching hospital	Pragati Sinha

MD/MS Dissertations / Ph.D. thesis

Sl. No	Topic	Name of the student	Name of the Guide	Name of the Co-guide (if any)
1	Comparison between topical napafenac and flurbiprofen in maintaining intra operative mydriasis and controlling post operative inflammation in cataract surgery	Dr. Varsha V Ophthalmology	Dr. Kanthamani K	Dr. Sarala N

Publications:

Published: 08

Sl. No	Title of the paper	Author(s)	Journal)
1.	Topical olopatadine hydrochloride versus ketotifenfumarate for allergic conjunctivitis	Patel D Sarala N Datti NP	J Ophthalmic Vis Res 2018;13:119-23
2.	A comparative study of efficacy and safety of piroxicam and naproxen in the management of pain in osteoarthritis of the knee	Mohammed Y Narayana S Arun HS	J Nat ScBiol Med 2018;9:180-4
3.	Efficacy and safety of olmesartan and hydrochlorothiazide versus telmisartan and hydrochlorothiazide in newly diagnosed patients with mild to moderate hypertension	Revathi Ramesh Sarala N Venkatarathnamma PN	Int J Pharma Investig 2018; 8:38-43
4.	A study of pattern of self medication among students for dysmenorrhea	Suman Anand TasmiaAkhtar Bhuvana K	Asian J Pharm Clin Res 2018;11:436-8
5.	Auditory function and quality of life in patients receiving cisplatinchemotherapyin head and neck cancer: A case series follow up study	Kalyanam B N Sarala AzeemMohiyuddin SM Diwakar R	J Can Res Ther 2018;14:1099-104 Impact factor = 0.842
6.	Prescription audit at a tertiary care teaching hospital	Smitha Rai Bhuvana K Sowmya C Sahana HV Yaseen M	Natl J Physiol Pharm Pharmacol 2018;8:1271-4
7.	Revefenacin: Drug review	Bhuvana K	J Clin Biomed Sci. 2018;8:77-9
8.	Knowledge, attitude, practice, and barriers toward research among medical students: A cross-sectional questionnaire-based survey	Pallamparthy S Basavareddy A	PerspectClin Res 2019;10:73-8

Accepted for Publication:03

Sl. No	Title of the paper	Author(s)	Journal
1.	Perception and attitude of health care professionals about mentally ill patients	Mayana SK Jayakumar JK Harish S	Indian J Pharm Pharmacol
2.	Video-assisted teaching versus traditional didactic lecture in undergraduate psychiatry teaching	Nongmeikapam M Sarala N Reddy M Ravishankar S	Indian J Psychiatry
3.	Perception of medical interns towards the skills acquired	Meenakshi Lella Sarala N Sowmya C	Natl Med J India

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

Faculty:

Sl.No	Details of the Honor/Award/Fellowship	Awarded by	Awarded to
1.	Grant management for Health and Social Science Researchers completed online course on held from 01-04-2018 to 30-04-2018	St. John's Research Institute, Bangalore.	Dr. Asha B
2.	Grant management for Health and Social Science Researchers completed online course on held from 01-05-2018 to 30-05-2018	St. John's Research Institute, Bangalore.	Dr. Sarala N Dr. Harish S
3.	GOOD TEACHER award in Professor Cadre for academic year 2017-18 on 05-09-2018 by SDUAHER	SDUAHER	Dr. Sarala N

Any other important information:

1. Dr. Sarala N attended Institutional Human Ethics Committee Meeting at PESIMR, Kuppam as external Member on 24-09-2018 and 18-03-2019
2. Dr. Sarala N attended the Expert Committee Meeting on "Evidence Based Medicine" at St John's Medical College, Bangalore, ICMR, Advanced Centre for Clinical Pharmacology on 14-03-2019
3. Dr. Sarala N was Resource person for 'The Hindu - EDGE career counselling' on 27-05-2018 at Sambhram College of Hotel management, KGF

4. Dr. Sarala N chaired a session on Diagnosis and management of Diabetes Mellitus by Ayurveda in Samanvaya conference on 29-06-2018
5. Dr. Bhuvana K chaired the Guest Lecture on Appropriate usage of antibiotics organized by department of Medicine on 23-10-2018
6. Dr. Sarala N was resource person for competency Based Medical Education Workshop at JSS Medical College, JSSUAHER, Mysore on 13-12-2018



Dr. Sarala N was awarded the GOOD TEACHER award in Professor Cadre for academic year 2017-18 on 05-09-2018 by SDUAHER



Dr. Sarala N was Resource person for 'The Hindu - EDGE career counselling' on 27-05-2018 at Sambhram College of Hotel Management, KGF

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 department also offers training to students pursuing Allied Health Science 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 EQAS offered by IAMM..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:

- Molecular characterization Dengue and Rickettsial fever
- Phenotypic & Genotypic characteristics of Multi-drug resistant organisms.
- Surveillance & preventive strategies of Health-care associated Infections.

Teaching Faculty



Sitting (Left to Right): Dr. Savitha N , Dr. Parimala S, Dr. Beena PM, Dr. Arvind N
 Standing (Left to Right): Dr. Anitha D, Dr. Bindhu Madhavi. R , Dr. Bharathi R ,
 Dr . Namitha. BN

Teaching Faculty Details :

Sl. No	Name	Designation
1	Dr. P M. Beena	Professor & Head
2	Dr. Arvind N	Additional Professor
3	Dr. Parimala S	Associate Professor
4	Dr. Savitha N	Assistant Professor
5	Dr. Anitha D	Assistant Professor
6	Dr. Bindu Madhavi. R	Assistant Professor
7	Dr. Bharathi. R	Assistant Professor
8	Dr. Namitha BN	Assistant Professor
9	Dr. Shruthi	Tutor

Details of programmes conducted:
Workshop conducted:

Sl. No	Date(s)	Nature and theme of the program
1	4 th to 5 th April 2019	"Hands-on workshop on infection control practices was organized for newly joined Interns of SDUMC, by Department of Microbiology
2	12 th Apr 2018	Dept. of Microbiology organized Hands - on workshop for junior Doctors and Nurses on Infection control practices using mannequins in skill lab, Care Building, 2nd Floor SDUAHER.
3	27 th Sep 2018	A hands on workshop on Hospital Acquired Infections Prevention And Control practices for Interns and newly appointed staff nurses

Guest Lecture conducted:

Sl. No	Date(s)	Nature and theme of the program
01	16 th May 2019	A guest lecture was organized on " Nanopore DNA sequencing". Speakers Dr Rahul Roy, Chemical Engineer, IISc, Bangalore Dr. Varsha Shridhar, Director & Co-Founder, Molecular Solutions Care Health

**Details of programmes attended by
Workshop Attended:**

Sl. No	Date(s)	Nature and theme of the program	Name of the Faculty attended
1	1 st Feb 2019	JCI Training workshop Evidenced based principles and practices for preventing surgical site infectious organized by Johnson & Johnson Medical India at Bangalore.	Dr. Savitha N Dr. Bindu Madhavi R
2	7 th to 12 th Jan 19	First Regional Assessor's course training on National Quality Assurance Standards'	Dr. Savitha N

Conference Attended:

Sl.	Date(s)	Nature and theme of the program	Name of the Faculty attended
1	27 th Apr 2018	"Diagnocon 2018- a one day conference on Innovation and Operational Excellence in Diagnostic Management" Bangalore	Dr Beena PM, -Prof & HOD Dr Arvind.N – Addit. Prof Dr Mamata Kale- Asst. Prof Mrs Sheela Vijaykumari Mr Ram Mohan Reddy
2	10 th – 11 th Aug 2018	I-QUMA CONCLAVE 2018 at NIMHANS Convention Centre, Bangalore.	Dr. Arvind N
3	1 st -2 nd Sep 2018	4 th Annual south zone critical care 2018 conference held at Mysore	Dr. Anitha D
4	4 th -6 th Oct18	HISICON 2018-XV National Conference of Hospital Infection Society India at Hyderabad.	Dr Mamata Kale Dr. Bindu Madhavi
5	28 th Nov 18 to 2 nd Dec 18	"42nd Annual Conference of Indian Association of Medical Microbiologists at NIMHANS, Bengaluru.	Dr Beena PM, Dr Prasad SR, Dr Arvind Natarajan, Dr Parimala S Dr Anitha D

Details of Oral / Poster presentation by faculty

Oral presentation

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Oral	Impact of care Bundle on prevention of Ventilator associated Pneumonia in adult Intensive Care Unit at a Rural Tertiary teaching hospital	4 th Annual south zone critical care 2018 held at Mysore on 1 st September 2018	Dr. Anitha D

Details of Poster presentation

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Poster presentation	An analysis of anti HBs titres in health care workers of clinical laboratory at RL Jalappa Hospital	MICROCON- 2018 Annual conference of indian Association of Medical Microbiologists 28 th November.	Dr. Parimala S
Poster presentation	Prevalence of Rotavirus and adenovirus among children with acute gastroenteritis in a tertiary care teaching hospital	MICROCON- 2018 Annual conference of Indian Association of Medical Microbiologists 28 th November.	Dr. Arvind N.
Poster presentation	Occupational blood exposures in health care workers at a tertiary care workers at tertiary care hospital in Karnataka: incidence, characteristics, and transmission of blood borne pathogens	MICROCON- 2018 Annual conference of Indian Association of Medical Microbiologists 28 th November.	Dr. Anitha D.

Poster presentation	"Correlation of Blood culture with C- reactive protein, WBC count, platelet count in diagnosis of Bacterial Neonatal sepsis."	23 rd Annual State Conference of IAMM KC (Indian Association of Medical Microbiologists Karnataka) conducted by Department of Microbiology, SDM College of Medical Sciences & Hospital, Dharwad, Karnataka 08/02/19	Dr. Bharathi R
Poster presentation	"Aerobic bacteriology of surgical site infections with special reference to detection of β -lactamases among gram negative bacilli in a tertiary care hospital, Karnataka" -	23 rd Annual State Conference of IAMM KC conducted by Department of Microbiology, SDM College of Medical Sciences & Hospital, Dharwad, Karnataka in the month of Feb, 2019	Dr. Bindu Madhavi. R

Details of Research projects

Completed:

Sl. No	Title of the Research Project	Principal Investigator
1	A comparative evaluation of CLIA with immunochromatography and Elisa in samples screened for anti- HCV antibodies.	Dr. Parimala S
2	Analysis of anti - HbS titres in health care workers in clinical laboratory at R L Jalappa Hospital.	Dr. Parimala S
3	Occupational blood exposures in health care workers at a tertiary care workers at tertiary care hospital in Karnataka: incidence, characteristics	Dr. Anitha D

Ongoing :

Sl. No	Title of the research project	Principal Investigator
1	Immunological profiling of Anti Diphtheria antibodies among population in diphtheria affected regions of Kolar, Karnataka.	Dr. Bindu Madhavi R
2	Candidemia in adult ICU patients with sepsis : Occurrence, Speciation, and Antifungal susceptibility of the isolates.	Dr. Parimala S
3	Bacterial colonization in intensive care unit environment and health care workers and its impact on hospital acquired infections.	Miss Kalyani R , Dr. Arvind N

Project submitted for approval:

Sl. No	Title of the research project	Principal Investigator
1	Testing of Culture, Enzyme-linked Immunosorbent Assay and Polymerase Chain Reaction in the detection of <i>Mycoplasma pneumoniae</i> among children clinically diagnosed with Pneumonia in RLJH Kolar.	Dr. Bharathi R

Publications:

Published:

Sl. No	Title of the paper	Author(s)	Journal
1	Evaluation of Microscopy, Culture and PCR Assay in the Diagnosis of Extrapulmonary Tuberculosis.	Sagar M, Beena PM , Arvind N	J Pure Appl Microbiol
2	Retrospective Study of Clinical laboratory profile of Rickettsial disease in pediatric age group in Kolar. Research;	Shruthi .A, Krishnappa J , Beena PM. A	International Journal of Scientific
3	Flavonoid an effective An effective inhibitor of <i>Acinetobacter baumannii</i>	Rani inala MS, Kavya D, Beena PM, Dayanand C	Asian Journal of Microbio ISSS

4	Performance of Chemiluminiscence Assay using Reverse Algorithm for Syphilis Screening in Blood Donors.;	Kale M, Das S, Venkatesha M , Beena P M.	J Pure Appl Microbiol
5	Evaluation of Microscopy, Culture and PCR Assay in the Diagnosis of Extrapulmonary Tuberculosis	Sagar Mali, P.M. Beena and N. Arvind* (Corresponding author) 2018 Vol. p.	Journal of Pure and Applied Microbiology.
6	Clinical & Microbiological profile of Acute Febrile Illness in patients attending a Tertiary care hospital in Southern India	Arvind N, Prabhakar K, Savitha N, Mahendra M	Journal of Pure and Applied Microbiology.
7	A Fulminant case of community acquired pneumonia due to Acinetobacter baumannii. J Acad Clin Microbiol 2017 ;19: 121-123.	Parimala.S, Sagar M, Beena.PM, Raveesha A	J Acad Clin Microbiol
8	Serological prevalence of scrub typhus in rural tertiary care hospital in Kolar, Karnataka.	Gangannagari Vijay kumar and Parvangada Madappa Beena	Asian journal of Microbiology, biotechnology and environment science
9	Biofilm production and carbapenem resistance in clinical isolates of Acinetobacter baumannii in a tertiary health care facility at Kolar.	Purnachandra Rao U, Beena PM.	Asian Journal of Microbiology, Biotechnology & Environmental sciences
10	Impact of care Bundle on prevention of ventilator Associated pneumonia in an adult intensive care unit at a rural tertiary teaching hospital	Anitha Deva, Suresh kumar Nagaiah, Beena PM, Dinesh K	Indian journal of Anaesthesia and Analgesia
11	Cryptogenic Liver abscess by group F Streptococci: A rare case report	Anitha Deva, K Nischal, Asadulla Baig, Beena PM	J Clin Biomed Sci
12	Evaluation of Superficial and Deep Specimens for Isolation	Savitha N, Gokul BM, Beena PM , Bhaskaran K	J Clin Biomed Sci

Accepted for Publication:

Sl. No	Title of the paper	Author(s)	Journal
1	Stethoscope : A Reservoir of Nosocomial Pathogens.	Vinay S , Sushmitha D, Parimala S	Asian Journal Of Microbiology,Biotechnology and Environment Science

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

Faculty:

Sl.No	Details of the Honor/Award/Fellowship	Awarded by	Awarded to
01	Dr. Savitha N has been chosen to be the empanelled NABH Assessor for Pre-accreditation and entry level hospitals from Jan 2019 onwards.	NABH	Dr. Savitha N
02	Dr. Savitha N has also been chosen as NQAS Assessor for Public hospitals under National Health and Family welfare	National Health Mission	Dr. Savitha N

Department Of Forensic Medicine And Toxicology

Vision:

- To enhance academic performance through a balanced emphasis on teaching, research and service.
- To be recognized as center for excellence in medico-legal work.
- To deliver next generation forensic medicine services to the society.

Introduction:

The principal activity of the forensic medicine department is to provide quality undergraduate, postgraduate education and to perform post mortem examinations in Kolar district and surrounding regions. The department provides round the clock autopsy service, which sometimes include visit to the scene of crime. Each year the medico-legal experts at the department perform approximately 250-300 post mortem examinations on a wide range of natural, unnatural deaths, exhumed bodies and provide expert opinion in various sensitive cases. The department is actively engaged in undergraduate, postgraduate teaching activities and research activities. It is at the threshold of initiating a state of the art toxicology laboratory for performing toxicological analysis of various poisons and drugs for therapeutic purposes. Additionally, the department imparts hands on training to allied personnel like doctors, police officials and scientific officers on medical jurisprudence.



Dr. Srinivasa Reddy. P, Prof. and HoD Forensic Medicine with staff performing exhumation of a sensational case.



Dr. Jagadeesh. N, Prof. and HoD Forensic Medicine, Vydehi Institute of Medical Sciences and Research Centre, Bengaluru, delivered guest lecture on Protection of children from sexual offences-POCSO Act -2012: Case scenario on 07-12-2018.

Thrust areas:

- Forensic Pathology.
- Skeletal remains examination.
- Analytical Toxicology.

Teaching Faculty



from L to R: Dr.Rajkumar M G, Dr.Srinivasa Reddy P, Dr.Ajay Kumar T S,
Dr.Abhinandana R. Standing: Dr.Vishal V

Teaching Faculty Details:

Sl. No	Name	Designation
1.	Dr. Srinivasa Reddy P	Professor and HoD
2.	Dr. Ajay Kumar T S	Associate Professor
3.	Dr. Rajkumar M G	Assistant Professor
4.	Dr. Abhinandana R	Assistant Professor
5.	Dr. Vishal V	Tutor

Details of programmes conducted:

Sl. No	Date	Nature and theme of the program
Guest Lecture	7 th Dec 2018	"Protection of Children from Sexual Offences Act (POCSO Act) 2012-Simplified For Doctors (case scenarios)" by Dr. Jagadeesh N, Professor and HoD, VIMS, Whitefield, Bengaluru.

**Details of Research projects
Completed:**

Sl. No	Title of the research project	Principal investigator
2.	Study of incidental histopathological findings in medico-legal autopsies.	Dr. Srinivasa Reddy P
3.	Stature estimation by measuring percutaneous length of ulna in Indian population.	Dr. Srinivasa Reddy P

a) Ongoing :

Sl. No	Title of the research project	Principal investigator
1.	A Study of histopathological changes in vital organs in various agricultural poisons- a post-mortem study.	Dr. Srinivasa Reddy P
2.	Spectrum of histopathological changes in lungs at medico legal autopsy: A ten year study	Dr Srinivasa Reddy P Dr Manjula K Dr Kalyani R
3.	Coronary artery anomalies – An autopsy study	Dr CSBR Prasad Dr Srinivasa Reddy P
4.	A medico-legal profile of animal bites and stings in Kolar district, India: 2009-2017.	Dr. Ajay Kumar T S
5.	Pattern of suicidal deaths at R L Jalappa hospital and research centre, Kolar	Dr. Rajkumar M G

Project submitted for approval:

1.	Estimation of time since death from nuclei changes of bone marrow cells	Dr. Abhinandana R
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Publications:

a) Published:

Sl. No	Title of the paper	Author(s)	Journal
1.	A Retrospective Analysis of Mandibular Fractures: An Autopsy Study- 2018	Ajay Kumar T S, Deepa C	J Pure Appl Microbiol 2018;12:871-877.
2.	Aluminum Phosphide Poisoning: A rare presentation- Case report.	Kumar M G R, Reddy P S, Kiran J.	International Journal of Scientific Research 2018 ;7: 47-49.
3.	A Cross Sectional Post Mortem Study on Closure of Skull Vault Sutures With Respect to Age From 3rd To 6th Decades of Life	Kumar M G R, Kiran	Asian Journal of Microbiol 2018; 20:1064-69.
04.	Study of Incidental Histopathological Findings in Medico Legal Autopsies.	Manjula K, Reddy PS	J Pure Appl Microbiol 2018; 12: 2253-7
05.	Suicide disguised as homicide: A case report of yellow oleander poisoning	Srinivasa Reddy P, Raj Kumar M G	J Pure Appl Microbiol 2018;12:757-763
06.	Medical Records- a Legal Perspective	Abinandana R, Srinivasa Reddy P	Asian Jr. of Microbiol. Biotech. Env. Sc 2019 ; 21(1): 102- 105
07.	Stature estimation by measuring percutaneous length of ulna in Indian population	Srinivasa Reddy P, Navya Sai	Asian Jr. of Microbiol. Biotech. Env Sc 2019; 21(1): 410-413
08.	A postmortem study on deaths due to electrocution among autopsies conducted at mortuary, RIMS Raichur	Sharabasavappa S Karaddi, Gopinath M, Abhinandana R	Indian Journal of Anaesthesia and Analgesia 2019 ; 6:387-390

Any other important information:

- The Poison Detection Centre under the department of Forensic Medicine and Toxicology has started analyzing the blood and urine samples for detection of drugs of abuse among inmates of hostel, SDUAHER.

Department Of Community Medicine

Vision:

To be in the forefront of professional education, service and research in Community Medicine and related disciplines in the country.

Mission:

To improve the health of the communities being served through education, service, research, outreach and creative partnership.

Prepare physicians, public health professionals and researchers through the undergraduate, masters and doctoral Programmes.

Enhance the knowledge and skills of the public health workforce through continuing education and technical assistance.

Introduction:

The Department of Community Medicine is being functioning since the inception of Sri Devaraj Urs medical college with the aim of preparing primary health care physicians who are able to provide comprehensive health care services to the community. Since 2007 it is functioning as a university department under Sri Devaraj Urs Academy of Higher Education and Research, Kolar. As a university department it trains postgraduate students to become competent specialists in the field of community medicine. Apart from the class room facilities and public health laboratory facilities for teaching and training of students, the department also administers an urban health centre at Kolar town and a rural health centre at Devarayasamudra village in Mulbagal Taluk of Kolar district. Undergraduate students, interns and postgraduates are posted to these centres to observe and practice community medicine under the supervision of the faculty and field staff.

The department also provides medical services to the communities of Kolar and neighboring Chikaballapur districts through outreach clinics and general and specialty health camps. The department networks extensively with the district health administration and its health centres, panchayats, non-governmental organizations, trusts, individuals and groups in organizing these services. The faculty, postgraduates and the field staff are involved in the delivery of and monitoring and evaluation activities of national health programmes in the district. In order to create awareness on health and disease in the community the department conducts programmes to educate the public with community students, interns and postgraduates are posted to these centres to observe and practice community medicine under the supervision of the faculty and field staff. The department also provides medical services to the communities of Kolar and neighboring Chikaballapur districts through outreach clinics and general and specialty health camps. The department networks extensively with the district health administration and its health centres, panchayats, non-governmental organizations, trusts, individuals and groups in organizing these services. The faculty, postgraduates and the field staff are involved in the delivery of and monitoring and evaluation activities of national health programmes in the district. In order to create awareness on health and disease in the community the department conducts programmes to educate the public with community involvement. Conducting national and international health days and events in the community is undertaken to achieve the objective of educating the people in health.

Thrust areas:

- Non Communicable Diseases
- Cervical Cancer screening and interventions
- Occupational health

Teaching Faculty



Sitting Left to Right: Mr. Ravishankar S, Dr. Ananta Bhattacharyya, Dr. Prasanna Kamath B. T, Dr. Muninarayana. C, Dr. Naresh Kumar S. J

Standing 1st Row Left to Right: Dr. Krishnamurthy, Dr. Varsha R. Mokhasi, Dr. Mahendra. M, Dr. Sunil. B. N, Dr. Pradeep. T. S

Standing 2nd Row Left to Right: Dr. Swathi H. J, Ms. Ramya. N, Dr. Bhoomika V, Dr. Sushma. A, Dr. Nagaraj. G. M

Teaching Faculty Details :

Sl. No	Name	Designation
1.	Dr. Prasanna Kamath B.T	Professor & HoD
2.	Dr. Muninarayana C	Professor
3.	Dr. Ananta Bhattacharyya	Associate Professor
4.	Dr. Naresh Kumar S.J	Associate Professor
5.	Dr. Sunil B.N	Assistant Professor
6.	Dr. Mahendra M	Assistant Professor
7.	Dr. Waseem Anjum	Assistant Professor
8.	Dr. Varsha R Mokhasi	Assistant Professor
9.	Dr. Pradeep .T.S	Assistant Professor
10.	Dr. Vishwas S	Assistant Professor
11.	Mr. Ravishankar S	Assistant Professor Cum Statistician
12.	Dr. Krishnamurthy S	Medical Social Worker/PRO
13.	Dr. Nagaraj. G. M	Medical Social Worker/PRO
14.	Mrs. Mamatha B N	Medical Social Worker/PRO

Details of Programmes conducted:
Details of Programmes attended by faculty:

Sl. No	Date(s)	Nature and theme of the program
CME	15 th Sep 2018.	State Level CME on Acute Encephalitis Syndrome (AES)- Current Trends in Diagnosis and Management
Guest Lecture	25 th Mar2019.	Guest Lecture on “Programmatic Updates of RNTCP and PMDT”

Sl. No	Date(s)	Nature and theme of the program	Name of the Faculty attended
1.	4 th &5 th May 2018	TOT Workshop on “Revised Programmatic Management of Drug – Resistant TB Guidelines 2017” at Bangalore	Dr. Waseem Anjum
2.	18 th Jun 2018	Active Case Finding Workshop at SIHFW, Bangalore	Dr. Waseem Anjum
3.	20 th – 23 rd Jun 2018	ToT Workshop at St. Johns Medical College, Bangalore on Diagnosis and Management of Tuberculosis.	Dr Naresh S J, Dr. Mahendra M
4.	10 th – 12 th Aug 2018	Routine Immunization ToT Workshop for Medical Officers	Dr. Sunil B N
5.	17 th – 19 th Aug 2018	Routine Immunization ToT Workshop for Medical Officers	Dr. Sunil B N
6.	01 st Sep 2018	VPD Surveillance Workshop	Dr. Sunil B N Dr. Vishwas S
7.	03 rd - 15 th Sep 2018.	National SORT-IT (2018 – 2019) course Module – I & II at NIRT, Chennai.	Dr. Mahendra M
8.	19 th - 24 th Nov 2018.	National SORT -IT 2019 course 2 nd module at YMC, Mangalore (External Faculty / Facilitator)	Dr. Mahendra M
9.	18 th Dec 2018	Td Vaccine, Adrenaline operational Guidelines and NID - 2019	Dr. Sunil B N
10.	20 th – 22 nd Dec 2018	Routine Immunization ToT Workshop for Medical Officers	Dr Sunil B N

1.	01 st Mar 2019	Implementation of ATCOM for UG and PG students	Dr. Sunil B N
2.	25 th - 28 th Mar 2019.	State RNTCP -OR Workshop at NTI Bangalore.	Dr.Mahendra.M, Dr.Sushma A
Conference	26 th – 29 th Apr 2018.	15 th WONCA World Rural Health Conference held at India Habitat Centre, New Delhi.	Dr. Naresh Kumar S. J
1.			
2.	19 th May 2018	State Level RNTCP Conference at JJM Medical College, Davangere	Dr. Waseem Anjum
3.	29 th &30 th Sep 2018.	30th Annual Conference of Karnataka Association of Community Health (KACH) held at JJM Medical College, Davangere	Dr. Waseem Anjum, Dr. Vishwas S, Dr. Pradeep T S, Dr. Swathi h J, Dr. Alamelu K, Dr. Sushma A, Dr. Bhoomika V, Ms. Ramya.
4.	22 nd Feb 2019.	National Conference on Research Methodology (Resource Person)	Mr. Ravi Shankar
5.	08 th – 10 th Mar 2019.	46th National IAPSM Conference 2019 h eld at Indira Gandhi Medical College, Shimla.	Dr. Waseem Anjum
Extension Activities (Monitoring, Supervision, Collaboration)	08 th Oct 2018 – 10 th Mar 2019	Worked as Rapid Response Team Member for World Health Organisation (WHO) in Madhya Pradesh & Chattisgarh States.	Dr. Vishwas S
1.			
2.	06 th , 07 th , 10 th – 13 th Jul 2018	Active Case Finding Monitoring of Tuberculosis	Dr Waseem Anjum

1.	13 th – 18 th Aug 2018	Mission Indradhanush Extended Gram Swaraj Abhiyaan as External Monitors for World Health Organisation (WHO) for Kolar and Chikkaballapur Districts.	, Dr Naresh S. J, Dr. Sunil B. N, Dr Waseem Anjum, Dr Vishwas S
2.	15 th – 20 th Oct 2018	Mission Indradhanush Extended Gram Swaraj Abhiyaan as External Monitors for World Health Organisation (WHO) for Kolar, Bangalore Urban and Rural Districts.	Dr. Sunil B. N, Dr Waseem Anjum, Dr Alamelu K
3.	11 th – 14 th Mar 2019	Polio Supplementary Immunization Activity at Kolar and BBMP, Bangalore.	Dr. Sunil B. N, Dr Waseem Anjum, Dr Sushma A, Dr Bhoomika V

Details of Oral / Poster presentation by faculty

(a) Oral presentation

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Oral Presentation	Utilisation of Health Services as factor in Malaria Control in Kolar – A Cross Sectional Study.	15 th WONCA World Rural Health Conference held at India Habitat Centre, New Delhi from 26 th – 29 th April 2018.	Dr. Naresh Kumar S. J
Oral Presentation	An Evaluation of Health Status of Food Handlers of food establishments in various educational and health inst itutions of Bagalkot City.	30 th Annual Conference of Karnataka Association of Community Health (KACH) held at JJM Medical College, Davangere on 29 th & 30 th September 2018.	Dr. Waseem Anjum
Oral Presentation	Does exercise improve Mental Health? An Health app based Interventional Study.	30 th Annual Conference of Karnataka Association of Community Health (KACH) held at JJM Medical College, Davangere on 29 th & 30 th September 2018.	Dr. Pradeep T. S

Poster Presentation	Sexual Risk Behaviour and awareness about STI among Female Sex Workers in Kolar, Karnataka	46 th National IAPSM Conference 2019 held at Indira Gandhi Medical College, Shimla on 8 th –10 th March 2019.	Dr. Waseem Anjum
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Details of Research projects Completed:

Sl. No	Title of the Research Project	Principal Investigator
1.	Assessment of Musculoskeletal problems among School children related to school bag weight in Southern Karnataka.	Ms. Vijayshree
2.	Assessment of self-care practices among individuals with type 2 diabetes mellitus attending a tertiary care hospital in South India. ICMR STS Reference ID: 2018 -0770 - Final report approved)	Mr. Ajhay Srinivass C
3.	Awareness and stigma due to tuberculosis among urban population of Kolar - a mixed methods study	Dr. Sushma A
4.	'Tuberculosis Notification': where do private health care providers stand in Kolar? - An Operational Research	Dr. Swathi HJ
5.	Perceived stress and its associated factors among diabetic patients receiving care from a tertiary health centre in South India (ICMR STS Reference ID: 2018-06806 - Final report approved)	Mr. M Gowshik Siddharthan
6.	Water Sanitation and Hygiene practices among households members living in a rural area of Kolar- A mixed methods study	Ms. Ramya N
7.	Study of prevalence of Diabetes Mellitus, Hypertension and chronic lung disease among Ex-miners of Kolar Gold Fields.	Dr. Vishwas S
8.	Growth & Nourishment of youths in rural Kolar - An exploratory study.	Dr. Vishwas S
9.	Prevalence of risk factors for Non-communicable diseases among municipal workers in Kolar	Dr. Vishwas S
10.	Malnutrition and its association with academic performance of school going children in rural area Kolar - A cross sectional study.	Dr. Vishwas S
11.	Depression among elderly - an unaddressed emerging burden - A Community based Cross Sectional Study.	Dr. Bhoomika V
12.	Effectiveness of communication in promoting utilisation of breast cancer screening services among women working in Anganwadi centres.	Dr Swathi H J

On going :

Sl. No	Title of the research project	Principal Investigator
1.	Perception of Patient Safety Culture among Health Care Providers in a Tertiary Care Hospital in Kolar	Mr. Deepak Sanjay D
2.	Cost analyses of hospital admissions among the elderly in a rural tertiary care hospital (Approved ICMR – STS – 2019: Reference ID: 2019 – 08038)	Ms. Ruchi Tripathy
3.	Pattern of Utilization of PMSMA Services in Primary Health Care Settings in Southern India.	Dr. Naresh Kumar S J
4.	A cross sectional study of Health status of the employees working in Karnataka State Road transportation Corporation in Kolar	Dr. Sunil BN
5.	Social support, perceived stress and depression among postnatal mothers seeking care at a rural tertiary care hospital	Ms. Kavana
6.	Assessment of awareness and perception regarding eye donation in adult population at field practice area of a tertiary care hospital in Kolar: a cross-sectional study	Dr. Sunil B.N
7.	Opportunistic screening for Diabetes and Hypertension among patients attendants visiting R L Jalappa Hospital, Kolar	Dr. Sunil B.N
8.	Awareness and practices of sexually transmitted infections among female sex workers in Kolar	Dr. Waseem Anjum
9.	Knowledge regarding recent programmatic guidelines under RNTCP among community volunteers acting as DOTS providers in Kolar (ICMR-STs Approved – 2019: Reference ID: 2019 – 06836)	Ms. Madini Charishma
10.	Vaccine Hesitancy and its determinants among parents of children aged < 5 years in Kolar	Dr. Vishwas S
11.	Initiation and completion of Isoniazid preventive therapy in people living with HIV: A mixed methods study from Karnataka, India (National SORT-IT 2018-19 project)	Dr. Mahendra M
12.	Prevalence of NCD Multimorbidity, its associated factors, and insurance coverage in 27 villages of Kolar district	Dr. Mahendra M

13.	Awareness and attitude to warning signs and risk factors of stroke among hypertensive patients	Ms. Roshni Shivram
14.	Perceptions' and 'Practices' to antibiotic usage among diabetic patients receiving care from a rural tertiary care centre (Approved ICMR – STS – 2019: Reference ID: 2019 – 08058)	Ms. Inchara M
15.	Cancer awareness and perceived barriers to cancer healthcare among rural population of Kolar – a mixed methods study	Dr. Sushma A
16.	Prevalence of risk factors for cervical and breast cancer in rural field practice area of a tertiary health care centre	Dr. Varsha R Mokhasi
17.	Menstrual Hygiene Practices and Impact of Poor Menstrual Hygiene on health among Adolescent Girls in a rural area, Kolar : A Comparative study of Non Sc hool going and School going Adolescent girls	Dr. Varsha R Mokhasi
18.	Perceptions and parental supervisory behavior among mothers regarding unintentional injuries among children 1-9 years	Dr. Pradeep T S
19.	Stress, anxiety and work related burnout among primary health care workers – a cross sectional study. (Approved ICMR – STS – 2019: Reference ID: 2019 – 06855)	Ms. Praveenya Pulagam
20.	A study of college student's satisfaction levels	Mr.Ravishankar S
21.	To determine the prevalence and associated factors of exclusive breast feeding practices in rural population of Kolar, South India	Mr.Ravishankar S
22.	Prevalence of depression in type II diabetes patients in an urban area of Kolar.	Dr. Alamelu K
23.	Effectiveness of Very brief telephonic counselling on Behavioural change in quitting tobacco – a Parallel design Randomized Controlled Trial.	Dr Sushma A
24.	Prevalence of falls, its risk factors and impact on Quality of life among elderly living in rural area of Kolar.	Dr. Bhoomika V

MD/MS Dissertations / Ph.D. thesis (2018-19 batch only)

Sl. No	Topic	Name of the student	Name of the Guide
1.	Effectiveness of communication in promoting utilisation of breast cancer screening services among women working in Anganwadi centres.	Dr Swathi H J	Dr Prasanna Kamath B T
2.	Effectiveness of Very brief telephonic counselling on Behavioural change in quitting	Dr Sushma A	Dr Prasanna Kamath

Publications:

Published:

Sl. No	Title of the paper	Author(s)	Journal
1.	Programmatic evaluation of mass drug administration for elimination of Lymphatic Filariasis and reasons for non compliance in Gulbarga district, Karnataka	Naresh Kumar SJ, Sunil BN	Int J Community Med Public Health 2018;5:5166-70.
2.	Health profile of Kolar police personnel – A Cross Sectional Study.	Sunil BN, Prasanna Kamath BT	J Clin Biomed Sci 2018;8(3):85-92
3.	Willingness to quit tobacco smoking and its correlates among Indian smokers Findings from Global Adult Tobacco Survey India, 2009 2010.	Reddy MM, Kanungo S, Naik BN, Kar SS	J Family Med Prim Care 2018;7:1353-60.
4.	Gynecological problems of adolescent girls attending to rural tertiary care centre.	Suman Shivanagouda Patil, Hemalatha Mahanthshetty, Supriya H. M, Mahendra M.	Int J Reprod Contracept Obstet Gynecol. 2019;8(7):2627-2630
5.	Trends in trauma care before and after the introduction of 'Mukhyamantri Santwana Harish Scheme' in a tertiary care hospital at Kolar.	Vikas Sankar Kottareddygaril, Vishwas S, Praveen GP, Amal Abraham, Sreeramulu P. N	Int J Community Med Public Health. 2018 May;5(5):2072-2075
6.	Investigation of acute diarrhea outbreak at Narasapura, Kolar.	Vishwas S, Ravishankar S	Int J Community Med Public Health. 2019;6(7):3029-3032
7.	Job satisfaction among health care providers in a tertiary care hospital in Gadag, Karnataka.	Roshan T Mudaraddi, Waseem Anjum, Vijay G, Vijayraj Bajantri, Vijaykumar C	Nat J Res Community Med 2018;7(1):022-025.
8.	Urinary congophilia in preeclampsia: Experience from a rural tertiary – care hospital in India.	Nagarajappa C, Rangappa SS, Suryanarayana R, Balakrishna S.	Pregnancy Hypertens. 2018;13 :83-86.

9.	Liver fibrosis: A compilation on the biomarkers status and their significance during disease progression.	Krishna SN Shashidhar.K.N, Lakshmaiah.V, Muninarayana.C	Future Sci .OA. 2018: 4 (1): FS0250.
10.	Perception of patient Safety Culture among Health – care providers in a Tertiary Care Hospital, South India.	Rajalatchumi A, RaviKumar TS, Muruganandham.K, Thulasingham.M, Selvaraj.K, Reddy MM, et al.	Journal of Natural Science, Biology and Medicine. 2018;9(1):14-8
11.	Willingness to quit tobacco smoking and its correlates Indian smokers – findings from GATS India 2009-10 (Abstract)	Kar SS, Reddy MM, Kanungo S, Naik BN.	Tob. Induc. Dis. 2018;16(Suppl 1):A18
12.	Correlative Study of Hyaluronic Acid and YKL – 40 with Conventional Markers for Cirrhosis of Liver.	Sumanth KN, Shashidhar K.N, Lakshmaiah.V, Muninarayana.C	J Gastroenterol Hepatology Res. 2018;3(1):14.
13.	Novel association of Oral Squamous cell carcinoma with GSTP1 Arg187Trp gene polymorphism.	Rajesh D, Balakrishna S, Azeem Mohiyuddin SM, Suryanarayana R, Kutty AVM.	J Cell Biochem. 2018;120(4):5906- 5912.
14.	Preoperative chemoradiation in carcinoma esophagus: Experience from a tertiary cancer center in India.	Bajwa HK, Singareddy R, Reddy MM, Raju KA, Rao ST, Rajappa SJ.	Indian J Med Paediatr Oncol 2018;39(3):272-5.
15.	Clinical and Microbiological Profile of Patients with Acute Febrile Illness Attending a Tertiary Care Hospital in South India.	N Aravind, K Prabhakar, N Savitha, Reddy MM.	J Pure Appl Microbiol 2018;12(2):757-63.
16.	Correlates of secondhand smoke exposure among nonsmoking youth (15 –24 years) in India: Secondary analysis from Global Adult Tobacco Survey, 2009–10.	Reddy MM, Kanungo S, Kar SS.	J Family Med Prim Care 2018;7(1):111-7.
17.	Diabetes Foot Ulcer Risk - A Public Health Concern in Rural Pondicherry!!.	Naik BN, Srinivasan M, Reddy MM, Kanungo S, Sarkar S, Kar SS.	Natl J Community Med 2018;9(10):755-759.
18.	Neutrophil Gelatinase Associated Lipocalin (NGAL), an Early Marker for Urinary Tract Infection and Acute Kidney Injury.	Munilakshmi U, Shashidhar KN, Muninarayana C, Madhavi Reddy, Lakshmaiah V	Asian J. Biochem. 2018;13(1):15-21.

19.	Factors Affecting Mental Abnormalities among High School Children in Tribal, Rural and Urban Mysuru, Karnataka.	Pradeep TS, Prakash B, Praveen Kulkarni, Narayana M.	Natl J Community Med 2018;9(4):255-259.
20.	Empowerment and Reproductive Women: An Exploratory Research.	Pradeep TS, Vidya GS, Krishnaveni YS.	Natl J Community Med 2018;9(7):501-506.
21.	Does Type II Diabetics compromise QOL among Rural Elderly? A community Based Cross sectional study in Rural Bangalore.	Pradeep TS, Suwarna M.	Nat J Res Community Med 2018;7(4):281-284.
22.	Assessment of surveillance activity for malaria control under national anti-malaria programme in Yadgir district, Karnataka.	Sunil B N, Naresh Kumar S J	Int J Community Med Public Health. 2018 Dec;5(12):5195-5199.
23.	Awareness on causes and transmission of malaria in rural Kolar of Southern India: a comparative study.	Naresh Kumar S J, Ranganath B G	Int J Community Med Public Health. 2018;5(7):2802-06
24.	Investigation of Diarrhoea Outbreak in a Remote Village of Southern Karnataka.	Naresh Kumar S J, Prasanna Kamath B T, Muninarayana	Nat J Res Community Med 2018;7(3):233-236.
25.	To Study the Functioning of Anganwadi workers in relation to health care services with the Cooperation of ANM in the Anganwadi centres of Kolar Taluk, Kolar District.	Nagaraja G M, Ravishankar, Prassanna Kamath	IJHSSI. 2019;8(3):71-75.
26.	Unconditional probability of dying and age -specific mortality rate because of major non communicable diseases in India: Time trends from 2001 to 2013.	Reddy M M, Kar S S	J Postgrad Med 2019;65:11-7.
27.	Poverty Measurement: Time To Look Beyond Poverty Line – Do We Know How Poor Really The Poor Area ?	Reddy M M, Selvaraj K, Sarkar S.	J Clin Biomed Sci 2018;8(1):5-9.

28.	Elderly and Health:Role of spirituality in Indian context.	Naik BN, Reddy MM, Kaningo S.	Yoga Mimamsa 2019;51(1):38-9.
29.	Hidden sufferers: Anxiety, Depression among Breast Feeding Mothers.	Vimarshita P, Pradeep TS, Lokesh KC	J Clin Biomed Sci 2018; 8 (4): 113 - 117.
30.	A Comparative study of Quality of Sleep in patients in the ward: Pre and Post Surgery in a Tertiary Care Hospital in South India.	Prakrithi SN, Chandran S, Kishor M, Pradeep TS.	Muller J Med Sci Res 2019;10(1):1-7.

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

Faculty:

Sl.No	Details of the Honor/Award/Fellowship	Awarded by	Awarded to
1.	Diplomate National Board (D.N.B) in Community Medicine	National Board of Examinations (N.B.E), New Delhi	Dr. Mahendra M
2.	UGC - NET certificate for Assistant Professor in Social Medicine & Community Health	UGC	Dr. Mahendra M

Important National Health Days:

- Observed World Health day on 07-04-2018 at Devarayasamudra where ITI students from Devarayasamudra and local people also participated.
- Observed World AIDS day on 01-12-2018 at Devarayasamudra where foreign delegates participated along with ITI students and a role play was performed by Interns.
- On the occasion of World Diabetes Day on 14/11/2018 a rally was conducted at UHTC, Kolar.
- On the occasion of World TB day a rally was conducted from SNR Hospital to Govt Women's College, Kolar along with field based activity in 3 groups headed by PGs was conducted on 25/03/2019.

Department of Medicine

Vision :

Excellence in Academics, Research and Clinical care

Introduction:

Department of Medicine started in 1988 and is affiliated to SDUMC.

Internal Medicine or General Medicine is the special branch and speciality of medicine that deals with the diagnosis and non-surgical treatment of diseases, and focuses on how to prevent, diagnose, and treat diseases that affect adults.

It includes training in primary patient care and is the foundation for vital super specialties such as Cardiology, Neurology, Nephrology etc.

This department provides the much sought after outpatient and inpatient services apart from providing comprehensive support to the intensive care units.

The department focuses on the method of micro-teaching, where one faculty member is allotted to a small batch of students. This allows for greater student-teacher interaction, and provides an edge in learning. The department also attracts a number of foreign exchange students.

Students get to learn about the nervous, cardiovascular, endocrinal, respiratory and musculoskeletal systems in the body.

The training also exposes them to the super-specialities of genetics, immunology, geriatrics and nephrology. For PG residents, problem-based learning approaches form the backbone of their training. They also participate in interesting investigations and attend various subject-specific activities on all days of the week.

The department has access to the Advanced Learning Center (ALC)'s Skills Lab where clinical skills are demonstrated. Simulation facilities allow students to observe as well as practice complex techniques.

Thrust areas:

Diabetes Mellitus
Toxicology
Genomics-Rare disorders

Teaching Faculty:




Sitting L to R : Dr. Raghavendra Prasad, Dr. Lakshmaiah V, Dr. Raveesha A, Dr. Prabhakar K, Dr. Vidya Sagar C.R. Dr. srinivasa S.V.
Standing 1st row, L to R: Dr. Jayaprasad V , Chandrappa, Dr. Vishwanath Reddy , Dr. Manjunatha A, Dr. Swetha MSN, Dr. Jalaja , Dr. Sindhu , Dr. Anitha A , Dr. Niveditha S
Standing 2nd row , L to R: Dr. Kishore , Dr. Thanuj Reddy K.V, Dr. Mahesh Kakanale , Dr. Phaneesh Bhardwaj B.S Dr. sanmita Ram S , Dr. Megha Shri V , Dr. Shaama Ghungroo , Dr. Hamsa B.T.
Standing 3rd row, L to R: Dr. Raghavendra Reddy , Dr. Mayur, Dr. Maharaj LSYMJ , Dr. Dwarak Dr. Sreenath K, Dr. Deepthi M, Dr. Rumaisa, Dr. Deepa , Dr. Minni, Dr. Arathi,
Standing 4th row L to R : Dr. Jithendra C, Dr. Sanketh J , Dr. Tameem Imran , Dr. Manoj A G, Dr. Dhruvanandhan, Dr. Venkata Subbarao K, Dr. Sasi Shekar M


Teaching Faculty Details :

Name	Designation		
Dr. Raveesha A	Professor & HOD	Dr. Anitha.A	Asst Professor
Dr. Lakshmaiah V	Professor & MS	Dr. Manjunatha.N	Asst Professor
Dr. Raghavendra Prasad BN	Professor	Dr. Phaneesh Bha-radwaj.B.S	Asst Professor
Dr. Prabhakar K	Professor	Dr. Mahesh Kakanale	Asst Professor
Dr. Vidyasagar.C.R	Professor	Dr. Jayaprasad	Asst Professor
Dr. Srinivasa.S.V	Professor	Dr. Jalaja	Senior Resident
Dr. Niveditha.S	Asst Professor	Dr. Sindhu	Senior Resident
Dr. Viswanatha Reddy.N	Asst Professor	Dr. Abhishek	Senior Resident
Dr. Prasanna Kumar.N	Asst Professor	Dr. Thanuj Reddy	Senior Resident
		Dr. Swetha MSN	Senior Resident
		Dr. Saraswathi	Senior Resident

Details of programmes conducted:

Sl. No	Date (s)	Nature and theme of the program
CME	11 th Apr 2018	CME on “ Diabetes updates” by Research society for study of Diabetes in india, Karnataka chapter (KRSSDI)
	29 th Jun 2018	National conference on integrative Diabetology “Samanvaya 2018” by integrative Medicine and department of General Medicine.
	29 th Aug 2018	CME on “ Neurology update ” by Department of Medicine in Association with Sakara World Hospital, Bangalore
	19 th Sep 2018	Medicine department in Association with Manipal Hospital, Whitefield organized CME programme on “Management of upper G1 bleed” “ Role of surgeon in managing complications of chronic pancreatitis” and “case discussion” from 8.30 AM to 4.30 PM at AV hall SDUMC Building.

Date(s)	Nature and theme of the program
22 nd Sep 2018	Medicine Department SDUMC Kolar in association with Health care Global Enterprises Ltd (HCG) organized an CME programme on “ Role of Bone marrow and flow cytometry in Leukemia management and “BMT- what a clinicians needs to know”from 8.30 am to 4.30 am at AV hall SDUMC building
15 th Nov 2018	Medicine department in association with Manipal hospital organized a CME programme on “Living Donor Transplantation an overview and HPB & GI surgery recent updates” by Dr. Ravinchand Siddachari, consultant, HPB & Liver Transplant surgeon, Manipal Hospital, Bangalore from 11.30 Pm to 2.30 Pm at the AV hall.
27 th Feb 2019	Department of Medicine in Association with HCG Bangalore organized a CME programme on “Hematology Update”. Dr. Radheshyam Naik HoD, Medical oncology, Haematology and Bone Marrow transplant , HCG Bangalore delivered talk on Newer advances in Haematology and bone marrow transplantation and Latest advances in HPB and Liver Transplant
26 th Mar2019	<p>Department of Medicine , TB & CD, Microbiology & Community Medicine organized a CME on “Recent updates on Management of Tuberculosis under RNTCP” by Dr. Shazia Anjum WHO consultant , RNTCP</p>  <p>Left to right Dr. Jagmohan (Asst Professor, Pumonology Medicine) receiving momento from Dr. Raghavendra Prasad B.N (Professor of Medicine) and Dr. Raveesha A Prof & HOD of Medicine</p>

	Date(s)	Nature and theme of the program
Workshop	14 th Dec 2018	Workshop” on Management of Diabetes and its complications” by Dr. A Sharada, Dr. S.S Srikanta , Dr. Teaswini Deepak, Bangalore on 14 th December- 2018 at SDUMC.
Guest Lecture	22 nd Mar 2018	Guest Lecture on “ Simplifying Insulin therapy- A case based discussion” by Dr.Fred Williams, Endocrinologist, Columbia Asia, Bangalore and “ Basal initiation and knowledge sharing” by Dr. Sridevi Endocrinologist, Vydehi Medical College, Bangalore.
	25 th May 2018	Guest Lecture on “ Diabetic Management in critical care and ICU” by Dr. Mahesh D.M endocrinologist, Aster Hospital , Bangalore
	23 rd Oct 2018	Guest Lecture” Appropriate usage of Antibiotics” by Dr. Rajesh Kumar R, EX-professor, Dept of Pharmacology, MIMS & Medical Advisor, Glaxosmithkline pharmaceuticals Ltd, Bangalore
	17 th Jan2019	Guest Lecture “ Cardiology – A Glance Through 2018” by Dr. Jayaprasad , Asst Professor, Department of Medicine, SDUMC, Kolar
	29 th March 2019	<p>Guest Lecture on “ Role of ARN in Heart failure “by Dr. Abhijit Kulkarni, Cardiologist Apollo Hospital Banerghatta Bangalore . and “ Management of Heart failure in Diabetes “ by Dr.Niranjan Reddy Cardiologist , Narayana Hrudayalaya, Kolar</p> <p>Guest Lecture on” role of ARNi in Heart failure” on Friday 29th March- 2019</p>  <p>Speaker: Dr. Niranjan Reddy Cardiologist , NH Kolar</p>

Details of programmes attended by faculty (only those held outside own University/College):

Sl. No	Date(s)	Nature and theme of the program	Name of the Faculty attended
Conference	8 th -10 th Jun 2018	Kapicon -2018 36 th Annual conference of API Karnataka chapter & Rims Raichur	Dr. Raveesha A Dr. Lakshmaiah V Dr. Prabhkar K Dr. Vishwanth Reddy N Dr. Vidya Sagar C.R Dr. Anitha A Dr. Srinivasa S.V
	22 nd - 25 th Nov 2018	CSI- 2018 Mumbai	Dr. Jayaprasad V (Major)
	7 th - 10 th Feb 2019	APICON- 2019 74 th Annual conference of the Association of Physicians of india Api Kochi, Kerala	Dr. Raveesha A Dr. Lakshmaiah V Dr. Prabhkar K Dr. Vishwanth Reddy N Dr. Vidya Sagar C.R Dr. Anitha A Dr. Srinivasa S.V

Details of Oral / Poster presentation by faculty (only those held outside own University/College) :

Oral presentation :

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Oral Presentation	Gut Microbiota – Health Implications	KAPICON -2018 36 th Annual conference of API Karnataka chapter & Rims Raichur	Dr. Prabhakar K

Details of Research projects Completed:

Title of the Research Project	Principal Investigator
N-Terminal Pro Brain Natriuretic Peptide As a Marker For risk Stratification And Prediction of Functional Outcome in Acute Ischemic Stroke	Dr. Manoj A.G
Serum uric acid level as a prognostic marker in acute exacerbation of COPD patient	Shalini singh, Guide- Dr. Anitha A

On going:

Title of the research project	Principal Investigator
Studies on the association of functional polymorphisms in RIG-1 pathways genes with risk of dengue infection.	Dr. Prabhakar K.
Studies on the association of functional polymorphisms in RIG-1 pathways genes with risk of dengue infection.	Dr. Prabhakar K.
Evaluation of human organic cation transporter 1 gene SLC22A1 (G465R) polymorphism on therapeutic effect of metformin in type 2 diabetes mellitus.	Dr. Lakshmaiah V.
Early detection of cardio toxicity in organ phosphorus poisoning.	Dr. Raveesha .A
Influence of Serum levels of Vitamin D on insulin sensitivity in patients with type 2 Diabetes Mellitus	Dr. Raghavendra Prasad B.N
Admission Blood Pressure as a prognostic marker in Acute ischemic stroke	Dr. Vishwanath Reddy N Dr. Manchu Deepthi
Correlation between inter arm blood pressure difference and diabetic retinopathy in diabetes patient	Dr. Viswanatha Reddy N Dr. Charchit Mehta
Diabetic Nephropathy- can Neutrophil Lymphocyte Ratio Predict Presence of albuminuria?	Dr. Phanesh Bhardwaj Dr. Pujitha

Study of correlation between Diabetic Pulmonopathy and HbA1c with Pulmonary Function Test	Dr Srinivasa S V Dr.Manchu.Deepthi Dr.Prabakar.K
Study of novel marker 5- oxoproline in patients with acute heart failure	Dr. Prabhakar K Dr. Anitha A Dr. Krishna Swamy Dr. Sharath B
Study of Genetic Predisposition in young Myocardial infarction patients at a Rural tertiary care centre in south India	Dr. Anitha A Dr. Prabhakar K Dr. Sharath B Dr. Yashwanth A.L.
Acute Brain Infections project in Collaboration with the Liverpool University.	Dr. Prabhakar K
"Validity of Indian Diabetes Risk Score (IDRS) in Population in and Around Kolar"	Dr . Prasanna kumar Dr.Sasi sekhar
" Study of Clinical profile of urinary tract infection in Elderly"	Dr. Prasanna Kumar Dr. Sanmita
Continuous Ambulatory Blood Pressure Monitoring in chronic Disease.	Dr. Prabhakar K Dr. sanmita
A randomized, double blind, parallel group study to evaluate the effect of nutritional product plus metformin as compared to comparator food product plus metformin in regulating blood glucose and safety in subjects with type 2 Diabetes Mellitus	Dr. Prabhakar K Dr. Shashidhar KN
Study the awareness of Hypoglycemic Symptoms in Diabetic Patients- 2019	Student Chandraveer Sidhant, Guide Dr. Vidya Sagar
Evaluation of add on efficacy and safety of an ayurvedic formulation in the management of dengue fever and prevention of its complications	Dr. Prabhakar K Dr. Nithin Patil

Project submitted for approval:

Title of the research project	Principal Investigator
Admission Blood Pressure as a prognostic marker in Acute ischemic stroke	Dr. Vishwanath Reddy N Dr. Manchu Deepthi
Correlation between inter arm blood pressure difference and diabetic retinopathy in diabetes patient	Dr. Viswanatha Reddy N Dr. Charchit Mehta
Diabetic Nephropathy- can Neutrophil Lymphocyte Ratio Predict Presence of albuminuria?	Dr. Phanesh Bhardwaj Dr. Pujitha

MD/ Dissertations / (2018-19 batch only)

Topic	Name of the student	Name of the Guide
Study of markers of dyslipidemia as risk factors in acute coronary syndrome	Dr. Sanmita Ram S	Dr. Prabhakar K
Study of serum procalcitonin levels in acute ischemic stroke in relation with its severity and short term outcome	Dr. Dhruvanandan K	Dr. Lakshmaiah V
"Correlative study of coronary artery disease severity and glycosylated haemoglobin in diabetic and non diabetic patients	Dr. Manchu Deepthi	Dr. Srinivasa S.V
Platelet count/splenic diameter ratio as a non invasive parameter to predict esophageal varices patients with cirrhosis of liver	Dr.V Kishore	Dr. Raveesha A
Correlation of 6 min walking tests, sit to stand tests and pulmonary function test in patients with chronic obstructive pulmonary disease	Dr. Megha Shri V	Dr. Raveesha A
The relationship between GRACE risk score and glucose fluctuations using continuous glucose monitoring	Dr.M Sasi sekhar	Dr. Prabhakar k
Role of xanthine oxidase and uric acid in metabolic syndrome	Dr. Charchit mehta	Dr. Vidya Sagar C.R
Clinico-radiological spectrum of pulmonary tuberculosis in diabetics and non diabetic patients at tertiary care centre	Dr. K Sreenath Reddy	Dr. Raghavendra Prasad B.N

Publications:

Title of the paper	Author	Journal
Evolution of proteomic bi-omarker for chronic liver disease: promise into reality	Dr. Lakshmaiah v.	Journal of biomarkers April-2018; 7:1-9
Aproteomic approach of bi-omarker candidate discovery for alcoholic liver cirrhosis"	Dr .Lakshmaiah V	Journal of Circulating bi-omarkers June- 2018; 7:1-9
Association between subclinical Hypothyroidism and diabetic Retinopathy in type 2 Diabetic patients" in Jebmh.com in August 20 th 2018	Dr. Raghavendra Prasad	JEBMH.2018 Aug;5: 2521-2525
Correlative study of Hyaluronic acid and YKL-40 with conventional markers for cirrhosis of Liver. HSOA Journal of Gastroenterology & Hepatology Research.	Sumanth N K, Shashidhar K N, Lakshmaiah V, Muninarayana C	J Gastroenterol Hepatology Res 2018;3: 014
Hypocalcemia as a prognostic marker for severity in patients with dengue fever.	T Reddy, V Reddy, V Lakshmaiah, R Garlapati	Global journal for research analysis. 2018;6 (11):1-9.
Neutrophil gelatinase associated lipocalin (NGAL) an early marker for urinary tract infection and acute kidney injury.	U. Munilakshmi, K.N. Shashidhar, C. Muninarayana, V Lakshmaiah.	Asian Journal of Biochemistry.2018; 13: 15-21.
Plasma Neutrophil Elastase, α 1-Antitrypsin, α 2-Macroglobulin and Neutrophil Elastase- α 1-Antitrypsin Complex Levels in patients with Dengue Fever.	M Kunder, V Lak-shmaiah, AVM Kutty;	Asian Journal of Biochemistry.2018;;13 (1):15-21.



Publications:

Study of Serum Mean Platelet volume in Ischaemic stroke patients. Jebmh.com	Maharaj L S M J , Lakshmaiah V, Prabhakar k	J. Evid. Based Med. Healthc. 2018; 5 (48): 3335-3339.
Assessing Thyroid profile in patients diagnosed with Metabolic Syndrome as per IDF criteria"	Dr. Vidyasagar. Dr. Sanketh	Indian Journal of Clinical Biochemistry. May-2018; 1:4.
"Clinical and Microbiological profile of patients with Acute Febrile illness Attending a Tertiary care Hospital in south India"	N Arvind, K Prabhakar, N Savitha, M Mahendra	Journal of pure and applied microbiology.2018;12:4
"Study on RDW (Red Cell Distribution Width) in Relation to RV Diastolic Dysfunction in COPD Patients"	Tameem Imran, Prabhakar K, Rumaisa Ahmed	J. Evid. Based Med. Healthc. 2018; 5(48):3335-3339
"Platelet Count- A Non Invasive Predictor Of Portal Hypertension In Patients With Ascites"	Raghavendar Reddy Gundepalli1, Srinivasa S. V2, Prabhakar K3	J. Evid. Based Med. Healthc. 2018; 5(49): 3397-340
A Study On Correlation Between Serum Ferritin And Glycated Hemoglobin In Type 2 Diabetes Mellitus.	Arathi S Gadwalkar , Dr Prabhakar K , Srinivasa Sv, Dr Maharaj Lsymj	IJSR.2018;7(10): 2277 - 8179
Significance of APTT as early predictor of bleeding in comparison to thrombocytopenia in dengue virus infection	Hamsa B.T., Srinivasa S. V.*, Prabhakar K., Raveesha A. Manoj A. G.	Journal of Medical Science and clinical Research.2018;6 (11):213-218
" A Comparative study of Racedrotil and single Dose octreotide in Acute Diarrhoea"	Dr. Vishwanatha Reddy N, Dr. Raghavendar Reddy gundepalli, Rakesh Garlapati, KV Thanuj reddy	J e b m h . c o m J.2018;5(49):2349-2570

Publications:

" The Association between vitamin D Deficiency and Diabetic Retinopathy in type 2 Diabetes"	Dave Mayur R , Raveesha A, Sangeetha T, Shaama G	International Journal Of Scientific Research, oct 2018;7(10):93
"A Clinical, Laboratory and Radiological profile of patients infected with dengue fever. A Hospital Based observational study"	Shaama Ghungroo ¹ , Arathi S. Gadwalkar ² , Prabhakar K ³ , Raveesha A ⁴	International Journal of Research in Medical Sciences. January 2019 ;7 (1):1
Association of Serum Phosphorus with Left Ventricular Hypertrophy in Chronic Kidney Disease Patients	Dwarak S, Prasanna Kumar, Raghavendar Reddy Gundepally	Asian pacific journal of Health Sciences, 2018;5 (4):150-154
Study of Cardiac Autonomic Neuropathy In Type 2 Diabetes Mellitus,	Murthy ANLN ¹ , LakshmaiahV, ² Anitha Aswathanarayana ³	Journal of Medical Science and Clinical Research. dec 2018;6(12):77-80
" A Rare Case Of Thyroid Associated Orbitopathy In A Patient With Anti-Tsh Receptor Antibody Negative Hashimoto's Thyroiditis.	Dwarak S ¹ , Kamarthy Prabhakar ² , Vishwanatha Reddy ³	Journal of evidence based Medicine & Health care. dec 2018;5 (53):3644-3647
"Chorea, Hyperglycemia, Basal Ganglia Syndrome in Diabetes – Two Rare Case Reports"	S. Dwarak, K. Prabhakar, Mahesh Kakanale, Anitha Aswathanarayana, B. R. Sindhu	Medica. 2019 ;14(1): 59-62.
"Clinical Score for Risk Stratification in Febrile Thrombocytopenia"	Ag Manoj ¹ , K Prabhakar ² , A Raveesha ³ , Bt Hamsa ⁴ , A Anitha ⁵	IJCMR,Dec2018 ;5(12):2393-397.
"Study Of Clinical Profile And Differentiating Systolic And Diastolic Heart Failure By Echocardiography",	Spoorti Vulavala ¹ , Anitha Aswathanarayana ² , Raghavendra Prasad B. N ³ , Prabhakar Kamarthi ⁴	JEBMH.2019;6 (17):1292-1299
"Clinical Profile Of Snake Bite At A Rural Tertiary Centre, Kolar"	Anitha Aswathanarayana ¹ , Srinivasa S. V ² , Prabhakar Kamarthi ³	J Clin Biomed Sci .2018; 8 (2): 49 - 56

Achievements / honors / awards / fellowships if any during the year:
Postgraduates:

Details of the Honor/Award/Fellowship	Awarded by	Awarded to
<p>Won the best poster award for “Evans’s Syndrome – a Case report” on 9 jun 2018 at KAPICON 2018</p> <p>Won The Best Poster Award For “Vitamin B₁₂ deficiency : a rare cause of roth spots” on 10th feb 2019 at apicon</p>	<p>Api Karnataka chapter Api india</p>	<p>Dr.Manoj , 2nd year post graduate Student</p>  
<p>Best Paper Award For “A study on correlation between serum ferritin and glycated hemoglobin in Type II diabetes mellitus ”on 10th feb 2019 at apicon</p>	<p>Api india</p>	<p>Dr Arathi S Gadwalkar , 3rd Year Post Graduate</p>

Any other important information:

Medicine is the first department to adapt Mini clinical examination (Mini CEX) for assessing Post Graduate skills

Medicine is also the first department to introduce Direct observation procedural skills (DOPS) and Pedagogy among the Clinical Departments

Most of Medicine post graduate students succeed in getting DM seats through NEET in almost every batch which reflects our academic excellence.

Department of Medicine has been adjudged best cultural department for 3 consecutive years

Department of Anaesthesiology

Vision :

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

Introduction:

Department was Established in April 1988, and it was Upgraded during 1989 with full-fledged staff. In 1995 major & minor operation theatres with multi-specialty Intensive Care Unit were started. In 1997 M. D and D.A courses were started. The 13th and 25th (Silver Jubilee) State level Anaesthesia conference & CME were conducted during September 1997 and August 2010 respectively.

Apart from anaesthesia services in OT, the department is offering pain & palliative care at pain clinic and also managing critically ill patients in Intensive Care Unit.

Link Doctor is identified by the Department & endorses infection control practices. Few faculty members are certified as ACLS providers & Instructors and are imparting and certifying Interns, Post Graduates and Paramedics in BLS and ACLS.

ISA Kolar City branch is conducting regular CMEs and scientific programs, felicitate Doctors for their service to the population & best outgoing Post Graduates from the Department every year.

Faculties are involved in Research activities & there have been good number of publications in reputed Journals.

A New Critical Care block started functioning from January 2019 with the State-Of-the-Art 36 bedded ICU and also state-Of-the-Art 12 modular OTs.

Department was awarded as the 'Best Department' for the year 2016-17.

Thrust areas:

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

Teaching Faculty



Sitting (L to R):- Dr. Kiran N, Dr. Ravi M, Dr. Dr. Dinesh K, Dr. Suresh Kumar N, Dr. Shiva-kumar. K M

Standing:-

1st Row (L to R) :- Dr. Sumanth. T, Dr. Vishnuvardhan V, Dr. Naveed, Dr. Ahmedi Fathima, Dr. Sujatha M P,

Dr. Threja C K, Dr. Mallika Ganesh, Dr. Naga Seshu, Dr. Nikila D G, Dr. Bhavana B G,
2nd Row (L to R) :- Mr. Narayana Swamy, Dr. Nagaraj S Kalla, Dr. Sreenidi R, Dr. Arpitha Mary, Dr. Kavitha, Dr. Manjula, Dr. Prashanthi, Dr. Nikita, Dr. Pal-lavi, Dr. Sindhu.

3rd Row (L to R) :- Mr. Manjunath, Dr. Sandeep, Dr. Abhinaya Manem, Dr. Sushma, Dr. Lakshmi, Dr. Sravanthi, Dr. Varaprasad, Dr. Rashmi

Teaching Faculty Details :	
Name	Designation
Dr. Dinesh K	Professor & HoD
Dr. Ravi M	Professor
Dr. Suresh Kumar N	Associate Professor
Dr. Kiran N	Associate Professor
Dr. Sujatha M P	Associate Professor
Dr. Threja C K	Assistant Professor
Dr. Vishnuvardhan V	Assistant Professor

Dr. Shivakumar K M	Assistant Professor
Dr. Sumanth T	Assistant Professor
Dr. Ahmed Fathima	Assistant Professor
Dr. Naga Seshu Kumari Vasanth	Senior Resident
Dr. Naveed Abrar	Senior Resident
Dr. Bhava B G	Senior Resident
Dr. Nikila D G	Senior Resident
Dr. Mallika Ganesh	Senior Resident

CME

Date (s)	Nature and theme of the program
21 st July 2018	Annual State Level CME on Neuro Anaesthesia

Details of programmes conducted:

	Date(s)	Nature and theme of the program	Name of the Faculty attended
Conference	Aug 2018	ISA State Conference 2018 Devanagere.	Dr. Dinesh. K- Chaired session & judge for PG Papers Dr. Ravi M - Judge for PG Papers Dr. Suresh Kumar N - Chaired session Dr. Kiran N - Attended
	25 th - 29 th Nov 2018	ISA National Conference 2018, Agra	Dr. Sumanth T, Assistant Professor - Presented Paper

Details of Oral / Poster presentation by faculty **Oral presentation**

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Oral	Peri Intubation of Oxygenation techniques to decrease the degree of desaturation in hypoxemic patients in ICU	ISA National Conference 2018 at Agra	Dr. Sumanth T, Assistant Professor

Details of Research projects Completed:

Title of the Research Project	Principal Investigator
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 Dr. Dinesh K Co- Investigator Dr. Ravi M

On going :

Title of the research project	Principal Investigator
Impact of Intravenous Dexamethasone on duration of analgesia following sub-arachnoid block for Anal surgeries	Dr. Sujatha M P Dr. Suresh Kumar N Dr. Abhay Kumar Dr. Dinesh K
Comparison of pain on injection with lidocaine pre-treatment and serum triglyceride levels with Propofol LCT versus Propofol MCT/LCT after short term anaesthesia in adult patients	Dr. Threja. C.K, Dr. Vishnuvardhan.V Dr. Sowmya N Dr. Ravi M Dr. Dinesh K
Peri – Intubation Oxygenation techniques to minimize the degree of hypoxia in patients with hypoxic respiratory failure in intensive care unit	Dr. Sumanth T Dr. Suresh Kumar N Dr. Dinesh K Dr. Abhinaya Manem
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- Dr. Suresh Kumar N Co- Investigators Dr. Anand T Talikoti Dr. Dinesh K Dr. Shashidhar K N Dr. Lakshmi K Swamy

MD/MS Dissertations / Ph.D. thesis (2018-19 batch only)

Topic	Name of the student	Name of the Guide
Study to evaluate usefulness of magnesium sulphate and Dexmedetomidine as adjuvant to bupivacaine for lower limb and abdominal surgeries under epidural anaesthesia	Dr. Manjula Devi S	Dr. Dinesh K Prof & HOD
Comparative evaluation of Dexmedetomidine and Fentanyl infusion on haemodynamic response in patients undergoing elective surgery under general anaesthesia	Dr. Sravanthi G N S	Dr. Ravi M Professor
Comparison of 1microgram /kg intravenous infusion and 0.8 microgram / kg /hr maintenance dose of Dexmedetomidine with 0.8 microgram/kg infusion and 0.2 microgram/kg/hr during awake Fiberoptic endotracheal nasal intubation	Dr. Sandeep V D	Dr. Kiran N Assoc. Prof

Publications: Published:

Title of the paper	Author(s)	Journal
A clinical comparative study of fascia iliaca compartment block with bupivacaine and bupivacaine with dexmedetomidine for positioning and duration of postoperative analgesia in fracture femur under spinal anesthesia.	Gopal ND, Krishnamurthy D.	Anesth Essays Res 2018;12:528-34.
Postoperative analgesic efficacy of intrathecal fentanyl compared to nalbuphine with bupivacaine in spinal anesthesia for lower abdominal surgeries.	Gurunath BB, Madhusudhana R.	Anesth Essays Res 2018;12:535-8.

A comparative study of dexmedetomidine and clonidine as an adjuvant to intrathecal bupivacaine in lower abdominal surgeries.	Ganesh M, Krishnamurthy D.	Anesth Essays Res 2018;12:539-45
Comparative Study of Intrathecal Bupivacaine 0.5% with Midazolam 2mg and Bupivacaine 0.5% with Clonidine 50 µg for Postoperative Analgesia in Infra-Umbilical Surgeries.	Kiran Nelamangala, Nikila Devarayasamudram Gopal, Ravi Madhusudhana, Dinesh Krishnamurthy.	Indian J Anesth Analg. 2018;5(8):1401-06
Clinical Evaluation of Adding Fentanyl versus Dexmedetomidine to Intrathecal Isobaric Levobupivacaine on Spinal Block Characteristics in patients Scheduled for Lower Abdominal Surgeries.	Threja Chintamani Krishnappa, Ravi Madhusudhana, Dinesh Krishnamurthy, Nikila Devarayasamudram Gopal.	Indian J Anesth Analg. 2018;5(9):155763
Study of 2-Chlorprocaine 1% with Adjuvants Fentanyl and Buprinorphine in Comparison with Plain 2-Chlorprocaine1% for Subarachnoid Blocks in Perianal Surgeries.	Mamatha Mishra, Shivakumar K. Marulappa, Ravi Madhusudhana	Indian J Anesth Analg. 2018;5(10):166267
Comparative Study of Intrathecal Bupivacaine with 50 and 75 µg Clonidine in Lower Abdominal Surgeries	Nikila Devarayasamudram Gopal, Threja Chintamani Krishnappa, Anand T. Talikoti, Dinesh Krishnamurthy.	Indian J Anesth Analg. 2018;5(11):1854-61
Modified combined spinal and epidural analgesia with buprenorphine and bupivacaine	Madhusudhana Ravi, Papireddy Sujatha M, Nelamangala Kiran, Krishnamurthy Dinesh, Gurunath Bhavana B, Swamy Lakshmi K	Indian J Anesth Analg; 2019;6(1):173-77
Prediction of Difficult Intubation in Apparently Normal Patients by Combining Modified Mallampatti Test and Thyromental Distance.	Kiran Nelamangala ¹ , Ravi Madhusudhana ² , Dinesh Krishnamurthy ³ .	Indian J Anesth Analg 2019;6(1):269-276
Impact of Care Bundle on Prevention of Ventilator Associated Pneumonia in an Adult Intensive Care Unit at a Rural Tertiary Teaching Hospital	Anitha Deva, Suresh Kumar Nagaiah, Beena P M, Dinesh K	Indian J Anesth Analg. 2019;6(2):387-390
Accuracy of Point of Care Blood Sugar Measurement in Patients Admitted to Intensive Care Unit with Shock and on Vasopressor Support.	Naveed Abrar ¹ , Suresh Kumar N ² , Dinesh K ³ , Sumanth T ⁴ , Waseem Anjum ⁵	Indian J Anesth Analg. 2019;6(3):737-41

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

Faculty:

Details of the Honor/Award/Fellowship	Awarded by	Awarded to
Outstanding Distinguished Honor (20 years of Service)	SDUAHER, University	Dr. Dinesh K, Prof & HoD

Postgraduates:

Details of the Honor/Award/Fellowship	Awarded by	Awarded to
Gold Medal in MD Anaesthesiology 2019	SDUAHER	Dr. Nikila. D G
Gold Medal in Diploma Anaesthesiology 2019	SDUAHER	Dr. Pallavi. N

Any other important information:

Anaesthesia staff are dedicated to the patient care often using the state-of-the-art Critical Care infrastructure available in-house. They are involved conducting training of medical students and paramedics on Basic & Advance Life Support through workshops at regular intervals. So far, about 2500 members including Interns, PGs, Teaching Staff &

Para medics have been trained in resuscitation. Department is conducting Regular Annual State Level CMEs and Workshops for updating knowledge.

Emphasis is given to improve pain management facilities at R. L. Jalappa Hospital & RCn and also to do quality research and publications in journals with high impact factor, to initiate fellowship programs in Critical Care and Pain Medicine and to conduct National level Anaesthesia Workshops and Conferences. New OT and ICU complex became functional during the month of December 2018 and January 2019 with the State-of-the-Art Operation Theaters and ICU which are providing better Anaesthesia and Critical Care services.



INAUGURATION OF NEW ICU



INAUGURATION OF NEW OT

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 commenced in the year 1998 with one admission per year and subsequently since the year 2010 admissions were increased to two MDs and one Diploma per year. The Department is presently headed by Dr. Rajashekar.T.S. It renders specialized care 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 Photoand LASER therapyfacility
Psoriasis clinic
Minor OT facilities for procedures like skin biopsy, cautery, chemical peeling and other skin surgeries (vitiligo surgery, acne surgery)

Teaching Faculty:



Seated from L to R: Faculty - Dr. Sharanya Padma (Senior Resident), Dr. Suresh Kumar K (Asst Prof), Dr. Rajashekar T.S (Prof & HoD) , Dr Showkath Ali (Asst Prof)

Standing from L to R: Jr Residents- Dr Chandrika Nayyar, Dr Savana Waikhom, Dr Amulya YS, Dr GVL Naveena, Dr. Sneha Krishnoji Rao, Dr. Ashna Ashraf, Dr Shreyehs S, Dr Nishi Nagaria.

Teaching Faculty Details:

Name	Designation
Dr. Rajashekar T.S	Professor & HoD
Dr. Rajesh. G	Assoc. Professor
Dr. Shaikh Showkath Ali	Asst. Professor
Dr. Suresh Kumar K	Asst. Professor
Dr. Sharanya Padma	Senior Resident
Dr. Shruthi Madhavi	Jr. Resident/ Tutor
Dr. Priya Prem	Jr. Resident/ Tutor
Dr. Sneha Krishnoji Rao	Jr. Resident/ Tutor
Dr. Ashna Ashraf	Jr. Resident/ Tutor
Dr. Shruti H.N.	Jr. Resident/ Tutor
Dr. Shreyehs S.	Jr. Resident/ Tutor
Dr. Amulya Y.S.	Jr. Resident/ Tutor
Dr. G.V.L. Naveena	Jr. Resident/ Tutor

Details of programmes conducted:

	Date	
CME	10 th Oct 2018	Overview of Aesthetic Dermatology- Timeless charm, Timeless beauty

Details of Programmes attended by faculty:

	Date	Nature and theme of the programme	Name of the faculty attended
CME	1 st Jul 2019	Psychodermatology CME, KMC Manipal	Dr. Ashna, Dr. Sneha, Dr. Shruti H.N.
	15 th Sep 2018- 16 th Sep 2018	Dermatopathology CME, KMC Manipal	Dr. Ashna, Dr. Sneha, Dr. Shruti H.N.
	28 th Oct 2018		
	17 th Feb 2019	‘Understanding Clinical Immunodermatology’ CME, CUTICON 2018, Mysore CME on “Dermatosurgery and Aesthetic Dermatology”	Dr. Ashna, Dr. Sneha, Dr. Shruti H.N. Dr. Ashna, Dr. Sneha, Dr. Shruti H.N., Dr. Amulya, Dr. Naveena, Dr. Shreyehs
Conference	29 th Jun 2018- 1 st Jul 2018	DAAS SUMIT -2018	Dr. Suresh Kumar K.
	28 th Oct 2018- 30 th Oct 2018	CUTICON 2018- State Conference	Dr. Rajashekar T.S*, Dr. Sneha, Dr. Ashna, Dr. Shruti H.N.
	17 th Jan 2019- 20 th Jan 2019	DERMACON 2019 - International Conference	Dr. Rajashekar T.S*, Dr. Suresh Kumar K., Dr. Sharanya Padma, Dr. Shruthi Madhavi, Dr. Priya Prem, Dr. Sneha, Dr. Ashna, Dr. Shruti H.N.

Details of Oral / Poster presentation by faculty

Subject	Event	Name of the faculty concerned
Free Paper- " Trichoscopic patterns of non-scarring alopecia"	MID-DERMA CON 2018 National Conference	Dr. Shruthi Madhavi
Free Paper- " Dermoscopic patterns of lichenoid dermatoses"	MID-DERMA CON 2018 National Conference	Dr. Priya Prem
Award Paper- " A case of unilateral scaly lesions posing a diagnostic challenge"	CUTICON 2018 - State Conference	Dr. Sneha
Free paper- "Different disease, one manifestation- erythematous plaques over face- a case series."	CUTICON 2018 - State Conference	Dr. Sneha
Free paper- "Study of Dermatology Life Quality Index in patients with persisting and recurrent Dermatophytoses"	CUTICON 2018 State Conference	Dr. Shruti H.N.
Free paper- "Epidermal nevi- under dermoscope- a case series"	CUTICON 2018 State Conference	Dr. Ashna
Free Paper- " Trichoscopy in paediatric alopecia - a new frontier in diagnosis of hair loss disorders"	DERMA CON 2019 International Conference	Dr. Shruthi Madhavi

Details of Poster Presentation

Subject	Event	Name of the faculty concerned
E-Poster- " Nodular hidradenoma- a forgotten tumor of scalp"	DERMA CON 2019 International Conference	Dr. Shruthi Madhavi
E-Poster- " Keratoacanthomatous type of SCC in a case of Xeroderma pigmentosum managed by wide-excision and split skin graft"	DERMA CON 2019 International Conference	Dr. Priya Prem
E- Poster- " Clinico-histological-dermoscopic correlation of Lichen planus pigmentosus	DERMA CON 2019 International Conference	Dr. Priya Prem

Details of Poster Presentation

E- Poster- “ Ectodermal dysplasia- a clinical enigma”	DERMACON 2019 International Conference	Dr. Sneha
E- Poster- “ Whats in a pseudo- nym?”	DERMACON 2019 International Conference	Dr. Sneha
E- Poster- “ A bizzare presentation of Lupus vulgaris”	CUTICON 2018 State conference	Dr.Ashna

Details of Research projects Completed:

Title of the Research project	
Trichoscopic patterns of non-scarring alopecias	Dr.Shruthi Madhavi
Dermoscopic patterns in lichenoid dermatoses	Dr Priya Prem
Study of Dermatology Life Quality Index (DLQI) in patients with persistent and recurrent dermatophytosis	Dr Shruti HN
Prevalence of skin disease among differently-abled children	Dr Priya Prem
A study of knowledge, awareness and behavioral practices of medical students in Kolar towards sun-exposure and protection	Dr Shruthi Madhavi

On going :

Title of the research project	Principal investigator & department
Phenol peels for nail rejuvenation	Dr. Rajashekar T.S.
A study on clinical patterns of cutaneous infections and infestations in school going children	Dr Ashna Ashraf
Study of cutaneous manifestations of alcohol dependence syndrome	Dr Sneha Krishnoji Rao
A Comparative study of intralesional tranexamic acid vs Q-switched Nd- YAG laser in the treatment of melasma	Dr Amulya Y S
Association of Androgenetic alopecia with smoking; a cross sectional study	Dr GVL Naveena
Dermoscopic patterns of disorders of keratinization: An Observational study	Dr.Shreyehs S
Melasma-Correlation between severity index and quality of life based on type of treatment	Dr. Sneha Krishnoji Rao
Prevalance of psychiatric comorbidities in patients with Lichen simplex chronicus	Dr Ashna Ashraf

MD/MS Dissertations / Ph.D. thesis (topics given during 2018-19 batch only)

Topics	Name of the student	Name of the Guide (if any)
A Comparative study of intralesional tranexamic acid vs Q-switched Nd-YAG laser in the treatment of melasma	Dr Amulya Y S	Dr Rajashekar T S
Association of Androgenetic alopecia with smoking; a cross sectional study	Dr GVL Naveena	Dr Rajashekar T S

Publications Published:

Title of the paper (as per Vancouver Style)	Author(s)	Journal
Tattoo Inoculated Lupus Vulgaris – Hazards of Body Arts	Rajashekhar TS, Corneli Peter J, Kuppuswamy SK, Ramamurthy A	J Dermatolog Forecast. 2018; 1 (1): 1005.
Expression of vascular endothelial growth factor and microvessel density in psoriatic skin lesions	Rajan PT, Suresh T N, Rajashekar T S	Indian Dermatol Online J 2018;9:418-21
A clinico-etiological evaluation of hair loss in rural Indian children- A cross sectional study.	Rajashekar T.S, Amulya .R, KNV Prasad, Suresh Kumar	Ind J Clin Exp Dermatol 2018; 4 (2):132-136
Imatinib mesylate induced lichenoid drug eruption masquerading as small plaque parapsoriasis	Rajashekar TS, Shruthi MG, Kuppuswamy SK	Int J Res Dermatol 2018;4:262-4.
Gigantic Idiopathic Scrotal Calcinosis : A Rare Case Report And Review	Suresh Kumar Kuppuswamy, Rajashekar TS, Ramamurthy A.	Ind J Clin Exp Dermatol 2018; 4 (1):66-68.
A clinico –etiological study of diaper area dermatoses in children	Bindushree R., Raghavendra B.N, Rajashekar T.S., Prasad KNV	Int J Res Dermatol 2018;4:157-61
A clinico-epidemiological study of melasma in men	Keerthi C, Rajashekar T.S., Madhusudhan M	J ClinSci Res 2018;7:19-23.
Study of Dermatology Life Quality Index in patients with persisting and recurrent Dermatophytoses.	Rajashekar T.S, Nandigonnannavar S, Kuppuswamy SK, Madhavi SG	Int J Res Dermatol 2019; 5:139-43.

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

a) Faculty:

Details of the Honor/Award/Fellowship	Awarded by	Awarded to
Fellowship training in Laser and Dermatosurgery Observership for 4 weeks.	Sparkle skin and Aesthetic Centre. Awarded by IADVL.	Dr. Suresh Kumar K

Postgraduates:

Details of the Honor/Award/Fellowship	Awarded by	Awarded to
IADVL scholarship	IADVL at MID - DERMACON 2018, Kanyakumari	Dr. Shruthi Madhavi,
IADVL scholarship	IADVL at MID - DERMACON 2018, Kanyakumari	Dr. Priya Prem
Award Paper- " A case of unilateral scaly lesions posing a diagnostic challenge"	CUTICON 2018, Mysore	Dr. Sneha Krishnoji Rao

Any Other important information:

The following health awareness days are conducted by the Department of Dermatology:

Leprosy Day

Leprosy Day was observed on 30.1.18 during which awareness was created among public about early detection and need for early start of treatment in Leprosy.

Vitiligo Day

Vitiligo day was observed on 25.6.18, for which awareness programme was conducted by department of Dermatology. Various faculty members delivered talks on facts and myths about Vitiligo. Vitiligo Ratha was organized by IADVL Karnataka for creating awareness on vitiligo in general public.

Psoriasis Day

World psoriasis day was observed on 29.10.18 during which psoriasis patients and their families were invited, where they shared their experiences about the disease. Various faculty members delivered talks creating awareness on psoriasis.

Swach Bharath campaign

Swach Bharath campaign is an initiative program under the guidance of our Honorable Prime Minister Sri. Narendra Modi, which is effectively implemented in the department.

Outreach programs

Various health camps are held in villages and factories in and around Kolar where patients are screened and referred to the department for further management. Awareness is created about different diseases in the health camps.

Department of Radio-Diagnosis

Vision:

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

Introduction:

Department of radio-diagnosis is well equipped with all the modalities including CT, MRI and mammography and caters to the needs of the patients of R.L.Jalappa Hospital round the clock as well as those attending various medical camps.

The department is not only actively involved in training of undergraduate and postgraduate medical students it also offers B. Sc. 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 museum containing worked up and interesting cases of various systems and demonstration room containing exhibits. Seminar room is equipped with audiovisual units. Departmental library has an assortment of text books and reference books. Internet facilities are available in the department.

Thrust areas:

- Musculoskeletal imaging
- Imaging in oncology
- Neuro and spinal imaging
- Imaging in trauma
- Fetal medicine
- Radiation protection
- Cross sectional body imaging

Teaching Faculty:



Sitting (L to R) - Dr. Gaurav Yadav, Dr. Shivaprasad G. Savagave, Dr. Ashwathnarayan, Dr. Rachegowda N., Dr. Anil Kumar Sakalecha, Dr. Rajeswari, Dr. Varun S.

Standing- (L to R; 1st Row) - Dr. Gnana Swaroop Rao Poladi, Dr. Ravindra Naik, Dr. Madhukar M., Dr. Darshan A.V., Dr. Nishi Kant, Dr. Rahul Deep G., Dr. Sahana N. Gowda, Dr. Divya Teja Patil, Dr. Gowthami M.

Standing- (L to R; 2nd Row) - Dr. Anshul Singh, Dr. Hithishini H., Dr. Athira P. M., Dr. Parameshwar Keerthi B.H., Dr. Esakki Rajulu, Dr. Channappa Goud N., Dr. Anil Kumar T. R.,

Standing- (L to R; 3rd Row) -Dr. E.Vineela, Dr. Thati Sai Soumya, Dr. Amrutha Ranganath, Dr. Sushmitha Prasad.

Teaching Faculty Details:

Name	Designation
Dr. N. Rachegowda	Professor & HoD
Dr. Anil Kumar Sakalecha	Professor
Dr. C. R. Srinivasa Babu	Professor
Dr. A. Nabakumar Singh	Assistant Professor
Dr. Rajeswari	Assistant Professor
Dr. Shivaprasad Gangadhar Savagave	Assistant Professor
Dr. Ashwathnarayan naswamy	Senior Resident
Dr. Varun S	Senior Resident
Dr. Gaurav Yadav	Senior Resident
Dr. Ravindra Naik	Senior Resident
Dr. Gowthami	Senior Resident

Details of programmes conducted:

	Date(s)	Nature and theme of the program
CME	31 Aug 2018	ABDOMINAL IMAGING

Details of programmes attended by faculty (only those held outside own University/College):

	Date (s)	Nature and theme of the program	Name of the Faculty attended
CME	18 th &19 th Aug 2018 at Bangalore	“Fetal Imaging CME” – Karnataka Imaging & Education Foundation and Foetal Foundation of India.	Dr. Anil Kumar Sakalecha Dr. Ravindra Naik Dr. Gowthami
	20 th Feb 2019	Continuing Medical education on Infertility (MVJ Medical college, Hoskote, Bangalore)	Dr. N. Rachegowda Dr. Rajeswari
Conference	16& 17 Mar 2019	35 th Annual IRIA state conference at Mysore	Dr. N. Rachegowda Dr. Rajeswari Dr. Gowthami

Details of Research projects Completed:

Title of the Research Project	Principal Investigator
CECT evaluation of carcinoma larynx	Dr. Rahul Deep G Dr. A. Nabakumar Singh
Role of CT in evaluation of intestinal obstruction	Dr. Gnana Swaroop Rao poladi Dr. Rachegowda N
Role of MRI in evaluation of carcinoma cervix	Dr. Darshan A V Dr. Anil Kumar Sakalecha
Indicate of CIN following CECT	Dr. Nishikant Dr. Rachegowda N
Evaluation of traumatic spine by MRI and its correlation with clinic-neurological outcome	Dr. Ravindra Naik Dr. Anil Kumar Sakalecha

Ongoing :

Title of the research project	Principal Investigator
Role of diffusion weighted imaging in evaluation of carcinoma cervix	Dr. Anil Kumar Sakalecha Dr. Darshan A V
Multipara metric magnetic resonance imaging of prostate and its correlation with histopathology	Dr. Anshul Singh Dr. A. Nabakumar Singh
Role of ultrasonography and elastography in differentiating benign from malignant breast masses with histopathological correlation	Dr. Parameshwar Keerthi B H Dr. Anil Kumar Sakalecha
Comparative study of cartography and ultrasonography in differently benign and malignant thyroid lesion with histopathological correlation.	Dr. Hithishini H Dr. Rachegowda N
Role of Homs field unit in predictability of success rate of percutaneous nephrolithotomy in urolithiasis patients	Dr. Athira P M Dr. Rachegowda N

MD/MS Dissertations / Ph.D. thesis

Topic	Name of the student	Name of the Guide	Name of the Co-guide (if any)
Role of Sono- elastograph in differentiating benign from malignant lymph nodes	Dr. Vineela	Dr. Anil Kumar Sakalecha	Dr. T.N. Suresh (Pathology)
Diagnostic potential of DW MRI in differentiating benign and malignant ovarian lesions and correlating with histopathology	Dr. Amrutha Ranganath	Dr. Anil Kumar Sakalecha	Dr. Kalyani R (Pathology)
Comparison of T ₁ FS post contrast and T ₂ FS post contrast in intracranial lesion	Dr. Sahana N Gowda	Dr. Rachegowda N	
Comparison of mannitol, water and iodine based oral contrast in evaluation of bowel by MDCT	Dr. Soumya	Dr. Rachegowda N	Dr. A. Nabakumar (Radiology)

Publications Published:

Title of the paper	Author(s)	Journal
Efficacy of ultrasonography and computed tomography in differentiating transudate from exudate in patients with pleural effusion	Ramya Chandra Bandaru N Rachegowda	Imaging Med 2018;10(4):93-101.
Lumbar spinal canal measurements by magnetic resonance imaging (MRI) in Indian population	Naik BR Athira P M Sakalecha AK Savagave SG	Int J Sci Res 2018;7(5):30-2.

Accepted for Publication:

Title of the Research Project	Principal Investigator
CECT evaluation of carcinoma larynx	Dr. Rahul Deep G Dr. A. Nabakumar Singh
Role of CT in evaluation of intestinal obstruction	Dr. Gnana Swaroop Rao poladi Dr. Rachegowda N
Role of MRI in evaluation of carcinoma cervix	Dr. Darshan A V Dr. Anil Kumar Sakalecha
Indicate of CIN following CECT	Dr. Nishikant Dr. Rachegowda N
Evaluation of traumatic spine by MRI and its correlation with clinic-neurological outcome	Dr. Ravindra Naik Dr. Anil Kumar Sakalecha

Vision :

Attaining excellence in the field of teaching, learning, research and innovative Surgical techniques.

Introduction:

Dept. of General Surgery was established in the year 1988 with all the necessary facilities as per the MCI requirement. The Post Graduates programme was started in 1996 with an intake of 2 Post Graduates students and presently upgraded to 6 per year. The Dept. also imparts training to the students of Physiotherapy and Operation Theater Technology.

The clinical facility initially started with 60 beds and has grown tremendously over the past few years and a bed strength of 170 has been achieved at present. Most of the faculty members have undergone training in GI Endoscopy and Laparoscopic procedures.

The Dept. has adequate faculty with appropriate infrastructure to handle all types of complex surgeries. The Dept. is supported by the Super-specialities like Urology, Neurosurgery, Oncology, Plastic Surgery and Paediatric Surgery. Additionally, the Dept. conducts various Sub-speciality clinics like Breast Clinic, Diabetic Foot Clinic and GI Endoscopy.

Services to the rural population is provided through active participation in health camps, speciality camps and health awareness programmes.

Thrust areas

Breast cancer
Polytrauma
Chronic ulcers of foot

Teaching Faculty



Sitting (L to R): Dr.D.Srinivasan, Dr.K.Krishna Prasad, Dr.Sreeramulu.P.N., Dr.A.Bhaskaran, Dr.Mohan Kumar K, Dr.Shashirekha.C.A., Dr.Prakash Dave.

Standing 1st Row (L to R) : Dr.Konappa V, Dr.Amit Mittal, Dr.Asadulla Baig, Dr.Pavan B.K., Dr.Vikranth Suresh, Dr.Ravikiran.H.R., Dr.Abhilash V, Dr.Nawaz Shariff, Dr.Spurthi Sanganaboina.

Standing 2nd Row (L to R): Dr.Rahul Singh.R., Dr.Sandeep Vogu, Dr.Sharath, Dr.Raghupathi S, Dr.Akarsh Y.G., Dr.M.Kumara Raghavendra Varma, Dr.Karthik Hareen T.V.K., Dr.Suma S.

Standing 3rd Row (L to R): Dr.Paul Dhinakaran MDS, Dr. Dinesh Kumar S, Dr.Sunil Mathew, Dr.Dave Tushar Jitendra, Dr.Madineni Bhavana Chowdary, Dr.Vijay Kumar S, Dr. Dharmendra Kumar, Dr.Muktesh B.S.,

Standing 4th Row (L to R): Mr.Subramani, Dr.Tadasina Sajay Reddy, Dr.Atul Dua.

Teaching Faculty

Name	Designation
Dr.A.Bhaskaran	Professor & HoD
Dr.Mohan Kumar.K.	Professor
Dr.Sreeramulu.P.N.	Professor
Dr.K.Krishna Prasad	Professor
Dr.Shashirekha.C.A.	Professor
Dr.Prakash Dave	Assoc. Professor
Dr.D.Srinivasan	Assoc. Professor
Dr.Asadulla Baig	Asst. Professor
Dr.Vikranth Suresh Nandurkar	Asst. Professor
Dr.Ravikiran.H.R.	Asst. Professor
Dr.Akarsh Y.G	Asst. Professor
Dr.Raghupathi.S.	Asst. Professor
Dr.M K Raghavendra Varma	Asst. Professor
Dr. Nawaz Shariff A	Asst. Professor
Dr. Guruprasad N.	Asst. Professor
Dr. Rahul Singh R.	Senior Resident
Dr. Paul Dhinakaran MDS	Senior Resident
Dr. Suma S.	Senior Resident
Dr. Sundeep Vogu	Senior Resident

Details of programmes conducted:

	Date(s)	Nature and theme of the program
CME	17 th Jun 2018	Optimizing Pharmacotherapy and Surgical Techniques in Gastroenterology
	18 th Sep 2018	An update on GI Endoscopy
	27 th Mar 2019	Hepato-biliary diseases
Workshop	29 th Mar 2019	Science of Tissue Management
Guest Lecture	13 th Apr 2018	Safe Laparoscopic Cholecystectomy

Details of programmes attended by faculty

Date (s)	Nature and theme of the program	Faculty attended
16 th Nov 2018 to 20 th Nov 2018	<u>CME</u> Hanumaiah memorial CSEP for PGs in Surgery	Dr. Bhaskaran A. Dr. Sreeramulu P.N.
Feb 2019	<u>Workshop</u> Endoscopy training conducted by IAGES in Coimbatore	Dr. Vikranth S. N. Dr. Pavan B.K.

Achievements / honors / Awards / fellowships

Faculty:

Details of the honors / Awards / fellowships	Awarded by	Awarded to
Fellowship of the association of Minimal Access Surgeons of India	Association of Minimal Access Surgeons of India	Dr. Raghupathi S. Dr. Akarsh Y.G.

Post graduates:

Details of the honors / Awards / fellowships	Awarded by	Awarded to
Best Paper presentation award	Annual Conference of the association of Surgeons of India 2018	Dr. Paul Dhinakaran MDS Dr. Spurthi S. Dr. Rahul Singh R.
Best Paper presentation award	Karnataka State Conference of the association of Surgeons of India 2019	Dr. Raadhika Raja

Details of Oral / Poster presentation by faculty

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Paper Presentation	Legal and ethical dilemma in treating trauma patients	ASICON 2018 held at Chennai on 24 th Dec 2018	Dr.Srinivasn D.
Poster Presentation	Anal canal schwanomma. A rare presentation a case report and review of literature	ASICON 2018 held at Chennai on 24 th Dec 2018	Dr. Rahul Singh R.
Poster Presentation	Synchronous papillary carcinoma of urinary bladder and signet ring cell carcinoma of stomach in a middle aged man- an extremely rare encounter with therapeutic dilemma	ASICON 2018 held at Chennai on 24 th Dec 2018	Dr. Rahul Singh R.
Paper Presentation	Penile anthropometry in neonates at a tertiary care center in south India	ASICON 2018 held at Chennai on 24 th Dec 2018	Dr. Rahul Singh R.
Paper Presentation	RIPASA score V/S alvarado score in diagnosis of acute appendicitis	ASICON 2018 held at Chennai on 24 th Dec 2018	Dr. Paul Dhinakaran

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Paper Presentation	Intraperitoneal installation of bupivacaine wash for post-operative analgesia in laparoscopic cholecystectomy	ASICON 2018 held at Chennai on 24 th Dec 2018	Dr. Suma S.
Paper Presentation	Evaluation of phospholipase A2 and high sensitive C Reactive Protein as predictive marker in appendicitis	ASICON 2018 held at Chennai on 24 th Dec 2018	Dr. Suma S.
Poster Presentation	Pleomorphic adenoma of submandibular salivary gland. A rare case report and review of literature	ASICON 2018 held at Chennai on 24 th Dec 2018	Dr. Suma S.
Paper Presentation	Serum PSA evaluation in carcinoma breast	ASICON 2018 held at Chennai on 24 th Dec 2018	Dr. Spurthi S.
Poster Presentation	Angry young man syndrome- tubercular appendix	ASICON 2018 held at Chennai on 24 th Dec 2018	Dr. Spurthi S.
Paper Presentation	A study of appendectomy specimen culture and antibiotic sensitivity and effectiveness in preventing surgical site infection in a tertiary rural health care centre	ASICON 2018 held at Chennai on 24 th Dec 2018	Dr. Sundeep Vogu
Poster Presentation	Prepubertal testicular yolk sac tumor. A case report	ASICON 2018 held at Chennai on 24 th Dec 2018	Dr. Sundeep Vogu
Paper Presentation	A rare case of dermoid cyst as a content in indirect irreducible inguinal hernia	ASICON 2018 held at Chennai on 24 th Dec 2018	Dr. Dinesh kumar S.
Paper Presentation	Efficacy of low light laser therapy in diabetic foot	ASICON 2018 held at Chennai on 24 th Dec 2018	Dr. Dinesh kumar S.
Poster Presentation	Angiolymphoid hyperplasia with eosinophilia of post auricular swelling – a case report	KSC ASICON 2019 held at Bellary on 3 rd , 4 th and 5 th February 2019	Dr. Tejaswini M Pawar
Poster Presentation	Triple malignancy- 3 different histopathologies in a single patient. A diagnostic dilemma	KSC ASICON 2019 held at Bellary on 3 rd , 4 th and 5 th February 2019	Dr. Tejaswini M Pawar
Poster Presentation	Retroperitoneal abscess secondary to perianal abscess. A surgical dilemma	KSC ASICON 2019 held at Bellary on 3 rd , 4 th and 5 th February 2019	Dr. Dharmendra kumar

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Poster Presentation	A case of ruptured liver abscess presenting as pneumoperitoneum. A case report and review of literature	KSC ASICON 2019 held at Bellary on 3 rd , 4 th and 5 th February 2019	Dr. Dharmendra kumar
Poster Presentation	A parietal wall desmoid tumour with primary mesh repair: a case report	KSC ASICON 2019 held at Bellary on 3 rd , 4 th and 5 th February 2019	Dr. Varsha A.
Poster Presentation	Special case report on mesenteric tear- a rare encounter	KSC ASICON 2019 held at Bellary on 3 rd , 4 th and 5 th February 2019	Dr. Vijay Kumar S.
Poster Presentation	Anterior abdominal wall reconstruction for a case of ectopic vesicae- a special report	KSC ASICON 2019 held at Bellary on 3 rd , 4 th and 5 th February 2019	Dr. Vijay Kumar S.
Poster Presentation	A rare case of ileo ileal intussusception with appendicitis	KSC ASICON 2019 held at Bellary on 3 rd , 4 th and 5 th February 2019	Dr. Raadhika raja

Details of Research projects Completed:

Title of the Research Project	Principal Investigator
Diathermy Versus Scalpel Incisions in Elective Abdominal Surgery - A Comparative Study	Dr.Vikranth Suresh Nandurkar
Intraperitoneal Bupivacaine instillation for post-operative pain relief after Laparoscopic cholecystectomy - A prospective study	Dr. Suma S
Liver Abscess - Its presentation and an Assessment of outcome with various treatment modalities	Dr.P.N.Sreeramulu

Ongoing:

Title of the research project	
Subcutaneous fat pad thickness has a predictor of SSI in open appendectomy wounds	Dr. Bhaskaran A.
Utility of serum bilirubin in acute appendicitis	Dr. Sreeramulu P N
Role of procalcitonin as a diagnostic marker in complicated appendicitis	Dr. Sreeramulu P N
Scrotal hitch - A novel technique to reduce post-operative edema in inguinal hernia Surgeries	Dr. Raadhika Raja

Diagnosis of helicobacter in cholelithiasis by histology and serology	Dr. D.Srinivasan
Effectiveness of retention suture in emergency laparotomy surgery.	Dr Dharmendra Kumar
Topical application of gentamicin over the surgical wounds following emergency exploratory laparotomy	Dr. Vijay Kumar . S
Clinical study of asymptomatic DVT in patients with varicose veins of lower extremities	Dr. Vijay Kumar. S
"Breast abscess: is a percutaneous approach adequate or always needs to be incised." A comparative study.	Dr.Tejaswini M Pawar
A prospective analysis of the outcome of wound healing following subcutaneous infiltration and topical instillation of ceftriaxone before primary closure of skin in abdominal surgeries	Dr.Tejaswini M Pawar
Prediction of prognosis in Breast cancer based on neutrophil lymphocyte ratio	Dr. Varsha A.

MS Dissertations (2018-19)

Topic	Name of the student	Name of the Guide
A comparative study of Onlay and Sublay mesh repair in the management of Incisional Hernias	Dr. Sunil Mathew	Dr.A.Bhaskaran.
A comparative study between the usefulness of topical placental extract vs colloidal silver application in treatment of diabetic foot ulcers	Dr. Sharath K.	Dr.Mohan Kumar.K.
Study of efficacy of wound edge protectors in open abdominal Surgery to reduce Surgical site infections	Dr. Madineni Bhavana Chowdary	Dr.P.N.Sreeramulu
Preoperative scoring system to predict difficult laparoscopic cholecystectomy	Dr. Tada Sina Sajay Reddy	Dr.P.N.Sreeramulu
Comparative study of Efficacy of monopolar electro cautery and ultrasonic shears in laparoscopic appendectomy	Dr. Atul Dua	Dr.K.Krishna Prasad
A comparative study between BISAP score and Japanese score for Predicting the severity in acute Pancreatitis	Dr. Dave Tushar Jitendra	Dr.Shashirekha.C.A

Publications: Published:

Title of the paper	Author(s)	Journal
Comparative Study of Surgical Management of Low Fistula- In- Ano between Fistulotomy & Fistulectomy and Its Outcome	Dr.Amit Mittal, Dr.Sreeramulu PN, Dr.Shashirekha C. A, Dr.Prakash Dave, Dr.Srinivasan D, Dr.Naveed Ahmed Khan	Journal of Medical Science and clinical Research. 2018;6(1): 32657-32664.
Spontaneous Abdominal Wall Hematoma: A Rare Case Report with Review of Literature.	Dr.Amit Mittal, Dr.Sreeramulu PN, Dr.Srinivasan D, Dr.Savagave SG,	Open Acces journal of Surgery. 2018;8(1):1-3
Effectiveness of transdermal NSAID administration in analgesia for ribfracture patients: a comparative study with intravenous NSAID administration	Dr.Vikas Sankar Dr.Kottareddygar, Dr.Shashirekha C. A., Dr.Asadulla Baig, Dr.Suryateja , Dr.Sreeramulu P. N.	International Surgery Journal 2018;5(5):1856-1859.
Case series – A retrospective study of pregnancy outcome with uterine fibroid.	Dr.Shilpi, Dr.Sheela SR, Dr.Sreeramulu	Journal of south Asian federation of Obstetrics and Gynecology. 2018;10 (2):92-97.
Septate uterus: incidental finding in multiparous woman with breech with bad obstetric history who had an emergency caesarean	Dr.Shilpi, Dr.Sheela SR, Dr.Sreeramulu.	Journal of south Asian federation of Obstetrics and Gynecology. 2018;7(6):
Triclosan Coated Sutures In Preventing SSI's In Breast Surgeries. Our Experience in A Tertiary Care Referral Rural Hospital.	Dr. Shashirekha C.A, Dr. Rahul Singh R, Dr. Ravikiran H.R, Dr. Krishna Prasad, Dr. Sreeramulu P.N	International Surgery Journal
The impact of Routine open non-suction drainage of fluid accumulation after Thyroid surgery : A prospective randomized clinical trail	Dr.Sreeramulu PN, Dr.K Krishna Prasad, Dr.Balakrishna TV, Dr.Karthik Hareen TVK	European journal of biomedical and pharmaceutical sciences
Perianal Fibroma: A Rare Encounter Case Report with Review of Literature	Dr. Vijaykumar.S, Dr. Bhaskaran A, Dr. Pavan, Dr. Paul Dhinakaran	Journal of Medical Science and Clinical Research Jan 2018;Vol 06 Issue 01 Page 31957-31958
Spectrum of right iliac fossa mass differential diagnosis and their management	Dr.G.V.V.Prasad Reddy, Dr.Konappa V, Dr.Mahidar Reddy, Dr.Dharmendra Kumar	Journal of Medical Science and clinical Research. 2018;6(1): 32657-32664.

Publications:Published:

Title of the paper	Author(s)	Journal
Huge right breast lump in male: a diagnostic dilemma as gynecomastia or something else	Dr. Krishnaprasad, Dr. Sandeep Reddy, Dr. Sreeramulu PN, Dr. Shashirekha CA, Dr. Amala Abraham, Dr. Padmalakshmi Mohan, Dr. Deepthi R	International Surgery Journal May 2018 Vol 5 Issue 5 Page 1940
Diagnostic dilemma in skin adnexa malignancy-a rare case report with review of literature	Dr. Shashirekha CA, Dr. Krishnaprasad, Dr. Sandeep Reddy. Dr. Sreeramulu P.N., Dr. Pramod T, Dr. Ravikiran, Dr. Deepthi R	International Surgery Journal 2018 May;5 (5):1956-1958
Trends in trauma care before and after the introduction of 'Mukhyamantri Santwana Harish Scheme' in a tertiary care hospital at Kolar	Dr. Vikas Sankar Dr. Kottareddygar, Dr. Vishwas S. Dr. Praveen G. P Amal Abraham, Dr. Sreeramulu P. N.	International Journal of Community Medi- cine and Public Health 2018 May;5 (5):2072-2075
Suicidal Poisoning by intramuscular Injecton of pesticide: a case report	Dr. Rami RM, Dr. Krish- naprasad K	IOSR-JDMS
PULP(peptic ulcer perforation) scor- ing versus Boey scoring system for prognostication in patients with duo- denal ulcer perforation	Dr. Rami Reddy Medapati, Dr. Kamisetty Krishna Pra- sad, Dr. Sreeramulu PN, Dr. Mohan Kumar K, Dr. Bhaskaran A, Dr. Shashirekha CA	IOSR-JDMS
Diathermy versus scalpel incisions in elective abdominal surgery: a com- parative study	Dr. Vikranth S N, Dr. Mohan Kumar K, Dr. Prakash M, Dr. Suma S	International Surgery Journal 2018 Sep;5 (9):3124-3128
Anastomosis of Radial Artery - A Case Report and Review of Literature	Dr. Vikranth S.N., Dr. Karthik Hareen T.V.K., Dr. Spurthi S, Dr. Sreeramulu P.N	European Journal of Biomedical and Phar- maceutical Sciences
Glomus Tumor of Left Ring Finger. A Case Report and Review of Literature	Dr. Vikranth S.N, Dr. Spurthi Sanganooina, Dr. Karthik Hareen, Dr. Sreeramulu P.N.	IOSR Journal of Den- tal and Medical Sci- ences (IOSR-JDMS) January. (2018); Vol- ume 17, Issue 01; 39- 41
Legal and ethical dilemma in treating trauma patients	Dr. Srinivasan D., Dr. Sreeramulu P. N., Dr. Prakash Dave, Dr. Dinesh Kumar Sathan- antham	International Surgery Journal 2018 Sep;5 (9):3146-3149

Publications: Published:

Title of the paper	Author(s)	Journal
Angry Young Man's Syndrome	Dr.Deepak H, Dr.Dinesh Kumar Sathanantham, Dr.Spurthi Sanganhonia	International Surgery Journal 2018 Dec;5 (12):3986-3989
An unusual Case of Pre-Auricular Myiasis	Dr.Abhinaya Shivakumar; Dr.Dinesh Kumar Sathanantham	American Journal of Otolaryngology and Head and Neck Surgery
Small Bowel Obstruction Secondary to Femoral Hernia: Case Report and Review of the Literature	Dr.Dharmendra Kumar, Dr. Mohan Kumar, Dr.Prakash M, Dr.Spurthi	Journal of Medical Science and Clinical Research
Efficacy of intraoperative local administration of 0.5% bupivacaine on post-operative pain control following anterior abdominal wall hernia repair - A prospective case-control study	Dr Pavan B K Dr Karthik Hareen TVK Dr Bhaskaran A Dr Akarsh Y G	Journal of surgery 09 May, 2018; Volume 4 - Issue 2
Efficacy of multiple doses of antibiotics in anterior abdominal wall hernia repair at a tertiary rural hospital	Dr Asadulla Baig Dr Pavan B K Dr Bhaskaran A Dr Karthik Hareen TVK	Journal of Clinical and Biomedical Sciences 2018; 8 (2): 71 - 73
Special case report- perianal fibroma A rare encounter	Dr. Vijay Kumar , Dr. Bhaskaran.A, Dr.pavan B.K,Dr. paul dhinakaran	International Journal of Contemporary Surgery
A rare case of Ruptured liver abscess manifested as pneumoperitoneum-case report and the review of literature	Dr.Krishna Prasad K,Dr.Dharmendra Kumar, Dr.Nawaz Shariff A, Dr.Suma S	International surgery journal 2019; 3(1): 210 -213
Intra-peritoneal bupivacaine instillation for post-operative pain relief after laparoscopic cholecystectomy : A prospective study	Dr.Suma S Dr.Vikranth S N Dr.Nikhil M Dr.PN Sreeramulu	International journal of surgery science 2019; 3(1): 207-209
Role of H pylori in GERD - A prospective study	Dr Asadulla Baig Dr Pavan B K Dr Bhaskaran A Dr Akarsh Y G	International surgery journal 2019 Apr;6 (4):1214-1218

Publications:Published:

Title of the paper	Author(s)	Journal
A Comparative study between Povidine iodine and metronidazole for peritoneal lavage in cases of peritonitis	Dr Asadulla Baig Dr Mohan Kumar K	International journal of surgery science 2019; 3(1): 210-213
Efficacy of intra-operative local administration of 0.5% bupivacaine on post-operative pain control following anterior abdominal wall hernia repair – A prospective case-control study	Dr Pavan BK Dr Karthik Hareen TVk Dr Bhaskaran A Dr Akarsh YG	Indian Journal of Pathology
A study of Tumor Associated Macrophages and their Subpopulation M1 and M2 by Immunohistochemistry in Colo-Rectal Cancer	Dr.Chenna Chandana Reddy Dr.ML Harendra Kumar Dr. Bhaskaran A	International Surgery Journal 2019 Jul;6 (7):2458-2463
Mixer grinder fingertip injuries and treatment outcome in a rural based tertiary center: a retrospective study	Dr.Deepak Hongaiah, Dr. Abhilash, Dr. Dharmendra Kumar, Dr.Vijay Kumar S.	Journal of clinical and bio medicine 2018; 8 (4): 134 - 136
A special case report on small intestinal mesenteric tear – A rare encounter	Dr. vijay kumar , Dr. Krishna prasad, Dr. akarsh Y..G, Dr. sreeramulu P.N	Journal of Clinical and Biomedical Sciences 2018; 8 (4): 126 - 129
Triple Malignancy- Three different Histopathologies in a Single Patient. A Diagnostic Dilemma	Dr.Tejaswini M Pawar, Dr.Sreeramulu P N, Dr.Nipun A C, Dr.Kodaganur S, Dr.Gopinath, Dr.Manjunath G N, Dr.CSBR Prasad	Journal of Medical Science and Clinical Research March 2019 Vol 07;Issue03;Page 824-827
Adenomyoepithelioma of the Breast in the young- A Rare Case	Dr Sreeramulu P N, Dr Tejaswini M Pawar, Dr Srinivasan D, Dr Spurthi S, Dr Swaroop Raj B V	Journal of Clinical and Biomedical Sciences 2019
A parietal wall desmoid tumour with primary mesh repair: a case report	Varsha A, Deepak Hongaiah, Sreeramulu PN, Srinivasan D	International Surgery Journal July 2019 Vol 6 Issue 7 Page xxx-xxx
Spectrum of right iliac fossa mass differential diagnosis and their management	Dr.G.V.V.Prasad Reddy, Dr.Konappa V, Dr.Mahidar Reddy, Dr.Dharmendra Kumar	Journal of Medical Science and clinical Research. 2018;6(1): 32657-32664.

Department of Orthopaedics

Vision:

“Aim for Disability Free Society”

Introduction:

The Department of Orthopaedics was established at Sri R.L.Jalappa Hospital and Research centre in the year 1988. The Department has progressed well from its initial stages, to a fully equipped department with state of the art OT infrastructure and skilled faculty capable of handling trauma cases and specialist operative procedures like arthroscopy and arthroplasty. The Department has 3 Units and each is headed by a Professor and adequate staff members with good teaching skills and clinical experience. Each Unit has 2 OP days and 2 OT days per week.

The department offers services in thrust areas which are arthroplasty, arthroscopy, Ilizarov limb reconstruction surgeries, pedicle screw fixation of spine, anterior cruciate reconstruction, meniscal surgeries, posterior cruciate reconstruction, pediatric orthopedics, hand surgeries, polytrauma management, and oncology in orthopedics, pelvis and acetabular surgeries.

The staff are trained in thrust areas and the dept is engaged in specialty clinics daily from 8:30 AM to 4:30 PM. Orthopaedic wards have a total bed strength of 110. There are three state-of-the-art modern operation theatres exclusively for Orthopaedics with laminar air flow, with C-Arm's and all the required instrumentation and implants.

Academic activities are conducted for both undergraduates and post graduate students. The staff and post graduates are also involved in research activities.

Thrust areas:

Arthroplasty
Arthroscopy
Ilizarov Limb Reconstruction Surgeries
Pedicle Screw Fixation Of Spine
Anterior Cruciate Reconstruction, Meniscal Surgeries, Posterior Cruciate Reconstruction
Paediatric Orthopedics,
Hand Surgeries

Teaching Faculty:



Sitting (L To R): Dr. Prabhulingreddy Patil, Dr. Hari Prasad S, Dr. Shaik Nazeer, Dr. Arun H. S, Dr. D. Satya Rup, Dr. Prabhu E and Dr. Nagakumar J. S.
Standing (Middle Row L To R): Dr. Sreejith Thampy J, Dr. Manoj Kumar R, Dr. Eswara Reddy G, Dr. Ranganath K. V, Dr. Ashik A Bary, Dr. Sagar V and Dr. Umesh M, Dr Cecil Fernando
Standing (Middle Row L To R): Dr. Abhishek Yadav, Dr. Abhimanyu Singh, Dr. Sachindra, Dr. Wayal Utkarsh Ashok, Dr. Salunkhe Abhijeet Sunil, Dr. Sakthikesavan S
Standing (Top Row L to R): Dr. Ayanaksha, Dr. Sachin P Angadi, Dr. Ajay Kurahatti, Dr. Khainar Sagar Ashok, Dr. Jishnu J, Dr. Rammanohar Surepally and Dr. Harsha M.

Name	Designation		
Dr. Arun H.S.	Prof & Head	Dr. Sagar V.	Asst. Prof
Dr. Manohar P.V.	Professor	Dr. Prabhulingreddy Patil	Asst. Prof
Dr. Satya Rup Dasanna	Professor	Dr. Eswara Reddy G.	Asst. Prof
Dr. B. Shaikh Nazeer	Professor	Dr. K.V. Ranganath	Asst. Prof
Dr. Nagakumar J.S.	Addl. Prof	Dr. Ashik Bary	Asst. Prof
Dr. Prabhu E.	Assoc. Prof	Dr. Manoj Kumar R.	Senior Resident
Dr. Hariprasad S.	Assoc. Prof	Dr. Wayal Utkarsha Ashok	Senior Resident
		Dr. Jishnu Jonnalagadda	Senior Resident
		Dr. Pammi Karthik Reddy	Senior Resident

Details of programmes conducted:

	Date(s)	Nature and theme of the program
CME	22nd Sep 2018	Paediatric orthopaedic updates
CME & Workshop	27 th oct 2018	Workshop on knee and shoulder arthroscopy
CME & Workshop	06 th Dec 2018	Workshop on tendon repair Techniques and tendon transfer for upper limb nerve injuries
CME & Workshop	6 th Feb 2019	Basic and complex total knee arthroplasty

Details of programmes attended by

CME/ Workshop/ Conference	Date(s)	Nature and theme of the program	attended
Conference	19 th to 21 st Apr 2018	Conference on Pune Knee Course held at Hotel J.W.Marrioott, Pune.	Dr.Arun.H.S
Workshop	18 th to 19 th May 2018	Karnataka Orthopaedic Association ICL 2018 at Kodagu Institute Of Medical Sciences, Kodagu.	Dr.Sathya Rup Dasanna Dr.Prabhu.E Dr. K.V.Ranganath Dr.Ashik .A.Bary
Workshop	25 th to 28 th Jul 2018	2 nd Arthro Bengaluru 2018 Cadaver Workshop and Conference to be held at M.S.Ramaiah Medical College & The Chancery Pavilion, Bengaluru as a delegate.	Dr.Arun.H.S

ATLS Course	03 rd to 6 th Oct 2018	Advance Trauma Life Support (ATLS) Course to be held at Jawaharlal Institute Of Postgraduate Medical Education & Research, Pondicherry.	Dr.Ashik .A.Bary Dr.Wayal Utkarsh
Trauma Course	01 st to 02 nd Nov2018	'Trauma Course' at Bangalore.	Dr.Arun.H.S
CME	20 th Dec 2018	CME on 'Update on Rheumatoid Arthritis' at M.V.J. Medical College & Research Hospital. Hoslote, Bangalore.	Dr.Arun.H.S
Workshop	05 th Jan 2019	Workshop on 'Complex Primary Hip & Knee Arthroplasty Course'held at M.S.Ramaiah Advanced Learning Center, Bangalore	Dr Prabhu.E Dr Hariprasad Dr.J.S.Nagakumar Dr Sagar Dr Sreejith Thampy J
Conference	01 st & 02 nd Feb 2019	43 rd Annual Conference of Karnataka Orthopaedic Association (KOACON 2019)	Dr Prabhu.E Dr Sagar Dr.Hariprasad.S Dr Ranganath
Conference	28 th Feb to 02 nd Mar 2019	4 th Annual Conference of Telangana Orthopaedics Surgeons Association (TOSACON 2019) to be held Mamate General Hospital Khammam, Andhra Pradesh.	Dr. Kadiri venkata Ranganath Dr.Jishnu Johnalagadda .
Conference	15 th -17 th Mar 2019	Pevi-acetabular cadaveric workshop & CME 2019	Dr Prabhu E Dr Sagar Dr. Kadiri venkata Ranganath

Details of Oral / Poster presentation by faculty

Oral/Poster Presentation (Specify)	Subject	Event	Name of the faculty concerned
ORAL	Biofilm and prevention of surgical site infection	KOACON 2019 held at Bangalore on 02 feb 2019	Dr. Arun H S
ORAL	Diaphyseal Fractures of the forearm in adults, comparative study of dynamic compression plate versus intramedullary nail	KOACON 2019 held at Bangalore on 02 feb 2019	Dr. Sagar V
ORAL	Diaphyseal Fractures of clavicle fracture in adults, comparative study of LCP vs TENS.	KOACON 2019 held at Bangalore on 02 feb 2019	Dr. Sreejith Thampy J
ORAL	Functional outcome of unstable intertrochanteric femur fracture in elderly osteoporotic patients treated by cemented bipolar hemiarthroplasty versus proximal femoral nailing	KOACON 2019 held at Bangalore on 03 feb 2019	Dr. Sarath Chandra Poodi
ORAL	Retrospective study on functional and radiological outcome of surgical management of floating knee injuries	KOACON 2019 held at Bangalore on 02 feb 2019	Dr Umesh M
Poster	Osteitis condensans illi	MEDINSPIRE 2019	Dr. Sarath Chandra Poodi
Poster	Management of a case of septic arthritis of bilateral knee joints: a case study.	MEDINSPIRE 2019	Dr. Abhimanyu Singh
Poster	Diaphyseal fractures of clavicle, in adults comparative study of lcp vs tens	MEDINSPIRE 2019	Dr. Abhijeet
Poster	Bilateral shoulder anterior fracture dislocations. A case report.	OSSAPCON 2019	Dr. Abhishek Yadav
Poster	Acute knee dislocation with neurovascular injury salvage or amputation.	OSSAPCON 2019	Dr. Ajay Kurahatti
Poster	Osteochondroma of talus, A case report.	OSSAPCON 2019	Dr. Madamanchi Harsha
Poster	Distal femur fractures treated with lateral locking compression plate: a functional and radiological outcome	OSSAPCON-2019	Dr Madamanchi Harsha

Details of Research projects Completed

Title of the Research Project	Principal Investigators
A study on the functional outcome of fracture neck of femur managed with cannulated cancellous screws	Dr.AbhimanyuSingh Dr. Nagakumar JS
Is intercrestal line and level of spine are same clinically and radiologically	Dr. Madamanchi Harsha Dr. Eswara Reddy G and Dr. Arun HS
Functional outcome of posterior cruciate ligament avulsion treated with open reduction and internal fixation with cannulated cancellous screws using Burks and Schaffer approach	Dr. Abhishek yadav, Dr. Hariprasad s, Dr. Cecil F and Dr. Kishore V
Distal femur fracture, a comparative study of locking compression plate versus distal femur nail	Dr. Ajay K, Dr. Prabhu E, Dr. Sagar V, Dr. Arun HS
A study of comparison of local injection of platelet rich plasma and corticosteroids in the treatment of lateral epicondylitis of humerus	Dr.Jishnu.J Dr.MaheshKumar.N, Dr.Nazeer B S Dr.Cecil Fernando
Posterolateral elbow dislocation with ipsilateral radius and ulna fracture	Dr Sreejith , Dr Arun H S, Dr Sagar V
Acquired smooth muscle hamartoma in foot	Dr Prabhu E, Dr Arun H S Dr Nitin Teja, Dr Harsha Vignan
The effect of zoledronic acid in patients with chronic back pain associated with vertebral osteoporosis: A Prospective study.	Dr.Umesh.M
Study of the functional outcome of open tibial fractures treated using a locking compression plate as an external fixator.	Dr.Abhishek Yadav
Study of efficacy of bone marrow injection in delayed union of the fractures of lower limb.	Dr.Madamanchi Harsha
Functional outcome of modular cemented bipolar prosthesis in unstable intertrochanteric fractures in elderly patients in a rural population.	Dr.Sarath Chandra Poodi
A Study of functional outcome of intra-articular injection with platelet rich plasma in patients with periarthritis shoulder	Dr. Kurahatti Ajay
Study of functional outcome in midshaft clavicle fracture treated with titanium elastic nailing system (tens)	Dr Sreejith Thamby
Evaluation of Proximal Femoral Nailing in the treatment of intertrochanteric femur fractures.	Dr.Hari Prasad S Dr.Sarath Chandra P Dr.A.Cecil Fernando
Diaphyseal fractures of the clavicle in adults, comparative study of locking compression plate versus intramedullary nailing with TENS (Titanium Elastic Nailing System)	Dr.Arun H S, Dr.Prabhu.E Dr. SreejithThamby.J Dr.Abhijeet
Distal femur fracture,A comparative study of locking compression plate versus Distal femur nail	Dr Ajay Kurahatti DrPrabhu.E DrSagar Naik DrArun.H S

Ongoing:

Title of the Research Project	Principal Investigators
Serum Lactate -An Indicator of morbidity and mortality in trauma patient	Dr.Sagar. V Dr.Prabhu E Dr.Arun. H.S Dr.Umesh
Study of short-term to midterm functional outcome of surgically treated acetabular fractures in a rural population - A retrospective study	Dr. Anil Kumar S V Dr. Naga Kumar J S Dr. Madamanchi Harsha Dr. Manohar P V
Prospective study of functional and radiological outcome of diaphyseal fracture femur in children, in the age group of 5-15 years, treated with (TENS) titanium elastic nail.	Dr.Siddaram.N.Patil Dr.HarshaMadamanchi Dr.PrabhuLinga Reddy Patil
Distal femoral fractures treated with lateral Locking compression plate: functional and radiological outcome analysis	Dr.Hari Prasad S Dr.Siddaram N Patil, Dr.Harsha M Dr.Sachin.P.A
Study of delta frame external fixator for open distal tibial fractures	Dr.RonakDaglia, Dr.Pandurangaiah Srinivas Dr.Siddarama N Patil, Dr.Sachin
Single dose antibiotic for implant removal: Retrospective analysis	Dr. SreejithThampy J Dr. Mahesh Kumar J Dr. Harsha Dr. Shaikh Nazeer
A study of comparison of local injection of platelet rich plasma and corticosteroids in the treatment of lateral epicondylitis of humerus	Dr.Jishnu.J Dr.MaheshKumar.N, Dr.Nazeer B S Dr.Cecil Fernando
Humerus diaphyseal fractures: A comparative study to assess outcomes of locking compression plate V/S dynamic compression	Dr.Prabhu.E Dr.Mahesh Kumar N Dr.Arun H S Dr.SagarKhairnar
A randomized controlled study for better treatment of plantar fasciitis: Local steroid injection or joint mobilization and stretching exercise	Dr.Prabhu.E Dr.Sagar.V Dr.Arun H S Dr.AbhijeetSalunkhe
A prospective study of surgical excision of calcaneal spur for relief of chronic heel pain	Dr.K.V.Ranganath Dr.Prabhu.E Dr.Arun,H.S Dr.Roger X

Ongoing:

Primary Prophylactic use of antibiotic laden PMMA(Poly methyl methacrylate) beads in the management of open fractures: A novel approach for control of orthopedics infection	Dr.Hariprasad Dr.Prabhulingreddy Dr.Harsha M Dr.Sakthikesavan.S
Diaphyseal fractures of humerus -To compare the outcomes of dynamic compression plate versus intra medullary nailing	DrPrabhu.E DrRanganath.K DrArun.H.S Dr Sakti Kesavan
A prospective Randomised controlled trial between surgery and aspiration combined with triamcinolone injection in the treatment of wrist ganglion	DrEswar Reddy DrPrabhu.E DrArun.H.S DrNazeer.B.S
A Comparative study of bone union and functional out come of intra articular distal end radius fractures treated with percutaneous kirshners wires versus volar variable angle locking plate	DrEswar Reddy DrPrabhu.E DrArun.H.S DrNazeer.B.S
Medial malleoli fracture management-A comparative study between open reduction internal fixation and closed reduction percutaneous fixation	DrPrabhu.E DrSagar.V DrArun.H.S DrSandesh Agarwal
Retrospective study on functional and radiological outcome of surgical management of Floating knee injuries	Dr.Umesh M Dr.Prabhu.E Dr.Arun H S Dr.Ranganath
Functional outcome of subtrochanteric femur fracture treated with proximal femoral nailing	Dr.Hari Prasad S Dr.Prabhu E Dr.Abhishek Yadav Dr.A Cecil Fernando
A study of association between acromian types and shoulder pathology	Dr.Sagar.V Dr.Prabhu.E Dr.Arun H S Dr.Kishore
Medial malleoli fracture management-A comparative study between Tension Band wiring versus cancellous screw fixation	DrSagar.V DrPrabhu.E DrArun.H.S DrSandesh Agarwal
The functional and radiological outcome of hoffa's fracture treated with cannulated cancellous screws	Dr.Ajay Kurahatti Dr.Hariprasad DrSatya Rup Dr.P.A.Patil

Ongoing:

Diaphyseal fractures of the femur in Paediatric age group, A comparative study of locking compression plate versus intramedullary TENS nail	Dr.Sagar.V Dr.Prabhu.E Dr.Arun H S Dr.Kishore
Functional Outcome of the Acromioclavicular joint Disruption with or without lateral End clavicle Fractures treated with hook plate	Dr.Sakthikesavan. S Dr.Hari Prasad.S Dr.Harsha Dr.A.Cecil Farnando
Functional And radiological outcome of proximal fibular osteotomy for moderate to severe osteoarthritis of knee	Dr.Hariprasad S Dr.Manoj Kumar R Dr.Prabhulingreddy Patil Dr.Sachin C Thagadur
Association of meniscus injuries in ACL injured patients	Dr.Sagar.V Dr.Prabhu.E Dr.Arun H S Dr.Kishore
Comparison of clinical, MRI and arthroscopic findings in internal derangement of knee	Dr.Eswara Reddy Dr.Hariprasad.S Dr.Arun.H.S
Functional outcome of posterior cruciate ligament avulsion treated with open reduction and internal fixation with cannulated cancellous screws using burks and schaffer approach	Dr.Abhishek Yadav Dr.Hariprasad Dr.Cecil Fernando Dr.Kishore.V
A short term functional outcome of intra-articular platelet rich plasma (PRP) injection in early osteoarthritis of knee - An open label, parallel group, randomised control trial	Dr.Hariprasad S Dr.Prabhulingreddy Patil Dr.Hemalatha A1 Dr.Sharath B2, Dr.Asha B3 & Dr.Mahendra.M4

MD/MS Dissertations /Ph.D,thesis (2018-19 batch only)

Topic	Name of the student	Name of the Guide
A randomized controlled study on efficacy of home based yoga therapy versus conventional conservative therapy in chronic low back pain	Dr.Joe Lourdu Pradeep.B	Dr.Arun.H.S
A prospective study comparing the efficacy of local injection of platelet rich plasma (PRP) vs methyl prednisolone in plantar fascitis.	Dr.Kishore.V	Dr.Manohar.P.V
A comparative study of Closed reduction+Internal fixation and cast application vs Closed reduction and cast application for fracture distal end of radius.	Dr.Sanchin C Thagadur	Dr.Arun.H.S
Functional outcome following arthroscopic debridement with iatrogenic microfracture and Platelet RICH plasma injection in	Dr.Sandesh Agarawal	Dr.Prabhu.E
Functional outcome of medial parapatellar approach vs patellar tendon splitting approach for tibia IMIL nailing	Dr.Sandesh.V	Dr.Nagakumar JS
Functional outcome of syndesmotic diastasis in acute ankle injuries.	Dr.Souradeep	Dr.Hariprasad S

Publications: Published

Title of the paper	Author(s)	Journal
Schwannoma of the tendon sheath of biceps femoris in 20 year old male: A rare case report	Dr. Siddaram N Patil and Dr. Uthkarsh	Int. J. Orthod. Sci., 2018; 4(1): 599-602
Functional outcome of displaced fracture neck of femur in elderly treated by bipolar hemiarthroplasty versus total hip arthroplasty	Dr. Sachindra Nayak Kapadi, Dr. Prabhu E, Dr. Arun HS and Dr. Cecil fernando	Int. J. Orthod. Sci., 2018; 4(2): 350-354
A prospective study of using a locking compression plate as external fixator for open distal tibial fractures.	Dr. Siddaram N Patil, Prabhuling red-dy patil and Dr. Ronak Daglia	Int. J. Orthod. Sci., 2018; 4(1): 936-939
Is intercrestal line and level of spine are same clinically and radiologically	Dr. Madaman-chi harsha, Dr. Eswara Reddy G and Dr. Arun HS	Int. J. Orthod. Sci., 2019; 5(1): 183-185

Title of the paper	Author(s)	Journal
Functional outcome of posterior cruciate ligament avulsion treated with open reduction and internal fixation with cannulated cancellous screws using Burks and Schaffer approach	Dr. abhishek Yadav, Dr. Hariprasad Seenappa, Dr. Cecil Fernando and Dr. Kishore Vellingiri	Int. J. Orthod. Sci., 2019; 5(2): 837-840
Distal femur fracture, a comparative study of locking compression plate versus distal femur nail	Dr. Ajay k, Dr. Prabhu E, Dr. Sagar V, Dr. ArunHS.	Int. J. Orthod. Sci., 2019;5(2):793-798
Posterolateral elbow dislocation with ipsilateral radius and ulna fracture	Dr Sreejith Thampy J, Dr Arun HS, Dr Sagar V	J Clin Biomed Sci 2018; 8 (1):27-29
Acquired smooth muscle hamartoma in foot	Dr Prabhu E, Dr Arun H S, Dr Nitin Teja, Dr Harsha Vignan	J Clin Biomed Sci 2018; 8 (2): 68 -70

Achievements / honors / awards / fellowships if any during the year:
Faculty:

Details of the Honor/Award/Fellowship	Awarded by	Awarded to
Fellowship in pelvis and acetabulum, hip arthroplasty and spine surgery. October-November 2018	University Medical Center of the Johannes Gutenberg-University, Mainz, Germany	Dr. Hariprasad S

Any other important information:

All state welfare/ insurance schemes are implemented and the Dept is one of the highest in catering the health scheme in the state of Karnataka.

National citizen programmes like Swachh Bharath , Swachh Pakhwada are being implemented by our department.

Our department is also involved in taking part in the outreach camp activities organized by the institute in remote villages, PHCs, CHCs and District Hospitals regularly. In the camps outpatient services are provided and the needy patients are referred and admitted in R.L Jalappa Hospital for further care.

We also offer our orthopedic speciality services at

PHC Devarayasamudra once a month

Smt Ramamani Sundaraja Iyengar primary Health Centre, Ramamani Nagar, Bellur Village, Kolar on Saturdays (except 3rd Saturdays)

Innovative practices implemented in the department in the assessment year:

1. Case scenario discussion introduced for post graduate learning on every Thursday (morning session)
2. Introduction of problem based learning unit wise in small group discussions
3. Interns training in
 - a) Biomedical waste management
 - b) Identification of vascular injury
 - c) MCQ training for NEET exams
 - d) Safe sterile practices training
4. Regular hands on workshop
 - a) Paediatric Orthopaedics
 - b) ACL reconstruction
 - c) Tendon transfer
 - d) THR
 - e) TKR
5. UG formative evaluation by OSCE and PG by mini-CEX & DOPS. 360⁰ evaluation of interns and PGs.

Department of Ophthalmology

Vision:

- To promote use of advanced technology in Ophthalmology patient care.
- To work with commitment for better patient outcomes.
- To provide quality education to medical students and conduct quality research.

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, Optical coherence tomography, Ultrasound A& B-scan, Fundus Camera, Diode and Nd-Yag Laser delivery system to provide comprehensive eye care to the Community. The Department has sub- specialties like Cornea, Glaucoma, Squint, Retina, Oculoplasty and Neuro-Ophthalmology clinic with round the clock availability of Eye Bank services. Operation Theatre is well equipped with state of the 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 and are referred to R.L.Jalappa hospital for surgical and laser therapy. To improve the knowledge and skill of students, museum, skill lab and wet lab facilities are utilized in addition to the demonstration with equipment available in the department.

Outreach programmes like free comprehensive eye screening camps, Diabetic Retinopathy and school children screening camps are conducted regularly. The patients are also screened at rural health centers in Bellur and Devarayasamudra.

Thrust areas:

- Community Ophthalmology
- Cataract
- Glaucoma

Teaching Faculty



Seated – Dr. Chaitra, Dr. Sangeetha, Dr. Sandhya, Dr. Kanthamani, Dr. Mohan Kumar, Dr. Padmajothi, Dr. Rashmi, Dr Inchara
 Row 1- Dr. Darshan, Dr Neha, Dr Reshma, Dr Manu, Dr Harshitha, Dr Smitha, Dr Soujanya, Dr Nuthan, Dr Sumanth
 Row 2- Dr Nithiya, Dr Varsha, Dr Apurva, Dr Madhumitha, Mr Srinivas, Dr Monisha, Dr Shereen

Teaching Faculty Details :

Name	Designation
Dr. Kanthamani. K	Professor & HOD
Dr. M.S.Padmajothi	Professor & HOU
Dr. Sandhya. R	Professor
Dr. H. Mohan Kumar	Professor
Dr. Sangeetha. T	Assoc. Professor
Dr. Usha. B.R	Asst. Professor
Dr. Rashmi. G	Asst. Professor
Dr. Inchara. N	Asst. Professor
Dr. Chaitra. M.C	Asst. Professor
Dr. Reshma Ravindra	Senior Resident
Dr. Darshan S.M.	Senior Resident

Details of programmes conducted:

	Date(s)	Nature and theme of the program
CME	30 th Aug, 2018	Strabismus
Workshop	27 th Apr, 2018	Wet lab session on Phacoemulsification with
Guest Lecture	23 rd Nov, 2018	“Role of Computed Tomography and Magnetic Resonance Imaging in Ophthalmology”.
Awareness Programme	14 th Mar, 2019	In view of Glaucoma Week, an awareness programme was organised on preventable diseases of the eye for the Ophthalmic Assistants of Kolar and Chikkaballapur districts.

Details of programmes attended by faculty:

	Date(s)	Nature and theme of the program	Name of the Faculty attended
Conference	23 rd - 24 th of Jun 2018.	BOS summit 2018 held in ITC Gardenia, Bangalore	Dr. Sangeetha T, Dr. H. Mohan Kumar Dr. Kanthamani K
	07 th – 8 th Jul 2018	IIRSI 2018 - The Annual Conference of Intraocular Implant & Refractive Society of India at Chennai	Dr. Sangeetha T, Dr. Kanthamani K
	25 th – 26 th Aug 2018	Congress on Optic nerve, Vasculature and Emerging treatment 2018 in The Ritz-Carlton, Bengaluru.	Dr. Sangeetha T, Dr. H. Mohan Kumar Dr. Sandhya R Dr. Kanthamani K
	9 th - 10 th Sep 2018]	College Connect, Mysore.	Dr. Kanthamani K , speaker on Nucleotomy techniques in SICS.
	3 rd - 4 th Oct 2018	Open power summit, Europe, 2018.	Dr. Inchara N
	7 th - 9 th Dec 2018.	37 th Regional Meet KOS conference, Mangalore, 2018.	Dr. Sandhya R, Dr. Rashmi G, Dr. Inchara N, Dr. Chaitra M C.
	22 Jun, 2019.	Bangalore Ophthalmic Society, 2019.	Dr. Mohan Kumar H, Professor, Dr. Sandhya R, Professor, Speaker on Chemical injuries.

Details of Oral / Poster presentation by faculty (only those held outside own University/College) :

Oral presentation

Oral /poster presentation	Subject	Event	Name of the faculty concerned
Oral	Comparison of outcome of single site vs double site peribulbar anesthesia for cataract surgery	Karnataka State Conference, Mangaluru-2018	Dr. Anneshi. R.C Dr. Kanthamani. K
Oral	Awareness and knowledge of glaucoma and diabetic retinopathy in hospital personell in tertiary Care centre	Karnataka State Conference, Mangaluru-2018	Dr. Anneshi. R.C Dr. Padmajothi. M. S Dr. Chaitra. M.C
Oral	Ocular findings in patients with CKD undergoing haemodialysis	Karnataka State Conference, Mangaluru-2018	Dr. Sumanth. I.M Dr. Sangeetha. T
Oral	Correlation between ocular manifestations in dengue fever and platelet count	Karnataka State Conference, Mangaluru-2018	Dr Madhumitha. M Dr. Padmajothi. M. S Dr. Chaitra. M.C
Oral	Platelet indices in patients with retinal vein occlusive diseases	Karnataka State Conference, Mangaluru-2018	Dr Madhumitha. M Dr. Sangeetha. T
Oral	Study of retinal changes in pregnancy induced hypertension	Karnataka State Conference, Mangaluru-2018	Dr. Neha Sharma Dr. Rashmi. G
Oral	Comparison of accuracy of haigis and srk 2 formula for IOL power calculation in eyes with short AL	Karnataka State Conference, Mangaluru-2018	Dr. Nithiya Joe Babu Dr. Mohan Kumar H
Oral	Study of POAG in patients with type II diabetes mellitus in a tertiary care hospital	Karnataka State Conference, Mangaluru-2018	Dr Nuthan Babu. B
Oral	Effect of steroids in inducing primary open angle glaucoma and cataract in bronchial asthma patients	Karnataka State Conference, Mangaluru-2018	Dr. Manu Saini Dr. Mohan Kumar H

Details of Poster presentation

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Poster	Association of sphe-roidal degeneration in pseudoexfoliation	Karnataka State Conference, Man-galuru-2018	Dr Madhumitha. M Dr. Mohan Kumar H
Poster	Squamous papillo-ma of conjunctiva- A case report	Karnataka State Conference, Man-galuru-2018	Dr. Sangeetha T Dr. Nithiya Joe Babu Dr. K Kanthamani Dr. Mohan Kumar H
Poster	A case report of penetrating ocular trauma with stone	Karnataka State Conference, Man-galuru-2018	Dr. M S Padmajothi Dr. Anneshi R C
Poster	Ectopia lentis & Nystagmus in a case of Retinitis Pigmen-tosa	Karnataka state conference, Mangaluru-2018	Dr. Sangeetha T Dr. Manu Saini Dr. K Kanthamani Dr. Mohan Kumar H
Poster	Weill Marchesani syndrome- A case report.	Karnataka state conference, Mangaluru-2018	Dr. Sangeetha T Dr. Sumanth I M Dr. K Kanthamani Dr. Mohan Kumar H
Poster	Demystifying the tumor of the Orbit	Karnataka state conference, Mangaluru-2018	Dr. Neha Sharma Dr. Mohan Kumar H

Details of Research projects Completed:

Title of the Research Project	Principal Investigator
Diabetic retinopathy changes and its awareness among patients attending diabetic camps in Kolar Dis- tricts.	Dr. Reshma Ravindra
Comparison of autologous fibrin Vs sutures in con- junctival limbal auto grafting following pterygium ex- cision.	Dr. Yasam Raghavendra Reddy
Prevalence, evaluation and treatment of refractive er- ror in children between the ages of five to fifteen years in Kolar.	Dr. Darshan. S.M
B.Sc. an ultrasonography in detecting posterior seg- ment abnormalities in cases of opaque media.	Dr. Nandhini. K
Visual outcome and complications in cataract patients with pseudoexfoliation.	Dr. Sangeetha. T

Lens induced glaucoma – The need for early management of cataract	Dr. Sangeetha. T
Long term clinical & visual outcome of retrofixated iris claw IOL in Aphakia	Dr. Sangeetha. T
Comparative study between conjunctival autograft and amniotic graft following pterygium excision.	Dr. C. Meghana
Evaluation of efficacy and safety of Toric IOL implantation in cataract patients with preexisting astigmatism.	Dr. B. Harish Laxman
A study of Primary open angle glaucoma in type II Diabetes.	Dr. Nuthan Babu. B
Visual outcomes and complications following Nd – YAG capsulotomy in patients with posterior capsular opacification.	Dr. G. Soujanya

On going :

Title of the research project	Principal Investigator
Influence of fluorosis on genetic predisposition due to single nucleotide polymorphism of LOXL1 gene in Pseudoexfoliation syndrome.	Dr. Chaitra M C
Molecular diagnostics based microbial profile of infectious keratitis-a cross sectional hospital based study.	Dr. Inchara N
Iris claw intraocular lens implantation: Comparison of anterior chamber versus retropupillary implantation.	Dr. Rashmi G
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
Comparative study of Efficacy And Safety between single site versus double site injection of peribulbar anaesthesia for cataract surgery	Dr. Anneshi. R. C
Prevalence and severity of dry eye in type II Diabetes Mellitus patients	Dr. Sumanth I M
Prevalence of astigmatism in cataract patients	Dr. Kanthamani. K

Title of the research project	Principal Investigator
Awareness of cataract and the different techniques of surgical treatment	Dr. Kanthamani. K
Comparison of clinical outcome between acrylic hydrophobic & hydrophilic IOL after phacoemulsification	Dr. Kanthamani.K
Assessment of retrospective prevalence & the magnitude of Ophthalmoplegia among diabetics.	Dr. Kanthamani. K
Alteration in corneal astigmatism after excision of pterygium with conjunctival autograft	Dr. M.S. Padmajothi
B -Scan ultrasound in detecting posterior segment abnormalities in eyes with opaque media.	Dr. M.S. Padmajothi
Effect of steroid in inducing open angle glaucoma in bronchial asthma patient	Dr.H.Mohan kumar
Comparison of accuracy of Haigis and SRK II formula in IOL power calculation in eyes with short axial length.	Dr.H.Mohan kumar
Awareness and practice patterns of ICU nurses towards eye care in a tertiary health care center in Kolar.	Dr. Reshma Ravindra
Age specific magnitude and causes of visual impairment in a tertiary health care center in rural Karnataka.	Dr. Chaitra MC
Tear film abnormalities in patients with Pseudoexfoliation syndrome	Dr. Rashmi G
Association of spheroidal degeneration in pseudo exfoliation cases	Dr. Mohan Kumar
Electronic gadget use and refractive errors among adolescents- a case control study. Comparative study of serum electrolytes in patients with cataracts with diabetics and non diabetics	Dr. Inchara N
Efficacy of intravitreal triamcinolone in the treatment of macular oedema	Dr. M S Padmajothi
Profile of emergency Ophthalmic consultation in a tertiary care medical college hospital.	Dr. Sandhya R

MS Dissertations (2018-19 batch only)

Topic	Name of the student	Name of the Guide
Comparison between topical Nepafenac & Flurbiprofen in maintaining intraoperative mydriasis & controlling post-operative inflammation in cataract surgery.	Dr. Varsha V	Dr. K. Kanthamani
Comparison of efficacy & safety of subtenon's anaesthesia with & without Hyaluronidase in bilateral cataract patients.	Dr. Sai Monisha Jammula	Dr. H. Mohan Kumar
Comparison of stop & chop & Phaco chop nucleotomy techniques in phacoemulsification-A randomized controlled trail.	Dr. Harshitha K M	Dr. K. Kanthamani
Association of Primary open angle glaucoma with axial myopia.	Dr. Apurva Navale	Dr. Sandhya R

Publications: Published:

Title of the paper	Author(s)	Journal
Comparative Study of Surgical Management of Low Fistula- In-Ano between Fistulotomy & Fistulectomy and Its Outcome	Dr.Amit Mittal, Dr.Sreeramulu PN, Dr.Shashirekha C. A, Dr.Prakash Dave, Dr.Srinivasan D, Dr.Naveed Ahmed Khan	Journal of Medical Science and clinical Research. 2018;6(1): 32657-32664.
Spontaneous Abdominal Wall Hematoma: A Rare Case Report with Review of Literature.	Dr.Amit Mittal, Dr.Sreeramulu PN, Dr.Srinivasan D, Dr.Savagave SG,	Open Acces journal of Surgery. 2018;8(1):1-3
Effectiveness of transdermal NSAID administration in analgesia for ribfracture patients: a comparative study with intravenous NSAID administration	Dr. Vikas Sankar Dr.Kottareddygar, Dr.Shashirekha C. A., Dr.Asadulla Baig, Dr.Suryateja , Dr.Sreeramulu P. N.	International Surgery Journal 2018;5(5):1856-1859.

Case series - A retrospective study of pregnancy outcome with uterine fibroid.	Dr.Shilpi, Dr.Sheela SR, Dr.Sreeramulu	Journal of south Asian federation of Obstetrics and Gynecology. 2018;10 (2):92-97.
Septate uterus: incidental finding in multiparous woman with breech with bad obstetric history who had an emergency caesarean	Dr.Shilpi, Dr.Sheela SR, Dr.Sreeramulu.	Journal of south Asian federation of Obstetrics and Gynecology. 2018;7(6):
Triclosan Coated Sutures In Preventing SSI's In Breast Surgeries. Our Experience in A Tertiary Care Referral Rural Hospital.	Dr. Shashirekha C.A, Dr. Rahul Singh R, Dr. Ravikiran H.R, Dr. Krishna Prasad, Dr. Sreeramulu P.N	International Surgery Journal
The impact of Routine open non-suction drainage of fluid accumulation after Thyroid surgery : A prospective randomized clinical trail	Dr.Sreeramulu PN, Dr.K Krishna Prasad , Dr.Balakrishna TV, Dr.Karthik Hareen TVK	European journal of biomedical and pharmaceutical sciences
Perianal Fibroma: A Rare Encounter Case Report with Review of Literature	Dr. Vijaykumar.S, Dr. Bhaskaran A, Dr. Pavan, Dr. Paul Dhinakaran	Journal of Medical Science and Clinical Research Jan 2018;Vol 06 Issue 01 Page 31957-31958
Tuberculosis of Breast -A Case Report with Literature Review	Dr. Nimalidinne Keerthi, Dr. Mohan Kumar K, Dr. Raghupathi, Dr. Prakash M, Dr. Sreeramulu PN	J Sci Medcentral JSM Clinical Case Reports 28 th march 2018; 6(2);1146
Huge right breast lump in male: a diagnostic dilemma as gynecomastia or something else	Dr.Krishnaprasad, Dr. Sandeep Reddy, Dr.Sreeramulu PN, Dr.Shashirekha CA, Dr. Amala Abraham, Dr.Padmalkshmi Mohan, Dr.Deepthi R	International Surgery Journal May 2018 Vol 5 Issue 5 Page 1940
Diagnostic dilemma in skin adnexa malignancy-a rare case report with review of literature	Dr.Shashirekha CA, Dr.Krishnaprasad, Dr.Sandeep Reddy. Dr.Sreeramulu P.N., Dr.Pramod T, Dr.Ravikiran, Dr.Deepthi R	Intenational Surgery Journal 2018 May;5(5):1956-1958

Trends in trauma care before and after the introduction of 'Mukhyamantri Santwana Harish Scheme' in a tertiary care hospital at Kolar	Dr.Vikas Sankar Dr.Kottareddygar, Dr.Vishwas S. Dr.Praveen G. P Amal Abraham, Dr.Sreeramulu P. N.	International Journal of Community Medicine and Public Health 2018 May;5(5):2072-2075
Suicidal Poisoning by intramuscular Injecton of pesticide: a case report	Dr.Rami RM, Dr. Krishnaprasad K	IOSR-JDMS
PULP(peptic ulcer perforation) scoring versus Boey scoring system for prognostication in patients with duodenal ulcer perforation	Dr.Rami Reddy Medapati, Dr.Kamisetty Krishna Prasad, Dr.Sreeramulu PN, Dr.Mohan Kumar K, Dr.Bhaskaran A, Dr.Shashirekah CA	IOSR-JDMS
Diathermy versus scalpel incisions in elective abdominal surgery: a comparative study	Dr.Vikranth S N, Dr.Mohan Kumar K, Dr.Prakash M, Dr.Sumas	International Surgery Journal 2018 Sep;5(9):3124-3128
Anastomosis of Radial Artery - A Case Report and Review of Literature	Dr.Vikranth S.N., Dr.Karthik Hareen T.V.K., Dr.Spurthi S, Dr.Sreeramulu P.N	European Journal of Biomedical and Pharmaceutical Sciences
Glomus Tumor of Left Ring Finger. A Case Report and Review of Literature	Dr.Vikranth S.N, Dr.Spurthi Sanganooina, Dr.Karthik Hareen, Dr.Sreeramulu P.N.	IOSR Journal of Dental and Medical Sciences (IOSR-JDMS) January. (2018); Volume 17, Issue 01; 39-41
Legal and ethical dilemma in treating trauma patients	Dr.Srinivasan D., Dr.Sreeramulu P. N., Dr.Prakash Dave, Dr.Dinesh Kumar Sathanantham	International Surgery Journal 2018 Sep;5(9):3146-3149
Angry Young Man's Syndrome	Dr.Deepak H, Dr.Dinesh Kumar Sathanantham, Dr.Spurthi Sanganooina	International Surgery Journal 2018 Dec;5(12):3986-3989
An unusual Case of Pre-Auricular Myiasis	Dr.Abhinaya Shiva- kumar; Dr.Dinesh Ku- mar Sathanantham	American Journal of Otolaryngology and Head and Neck Surgery

Small Bowel Obstruction Secondary to Femoral Hernia: Case Report and Review of the Literature	Dr.Dharmendra Kumar, Dr.Mohan Kumar, Dr.PrakasH M, Dr.Spurthi	Journal of Medical Science and Clinical Research
Efficacy of multiple doses of antibiotics in anterior abdominal wall hernia repair at a tertiary rural hospital	Dr Asadulla Baig Dr Pavan B K Dr Bhaskaran A Dr Karthik Hareen TVK	Journal of surgery 09 May, 2018; Volume 4 - Issue 2
A rare case of Ruptured liver abscess manifested as pneumoperitoneum-case report and the review of literature	Dr.Krishna Prasad K,Dr.Dharmendra Kumar, Dr.Nawaz Shariff A, Dr.Suma S	Journal of Clinical and Biomedical Sciences 2018; 8 (2): 71 - 73
Intra-peritoneal bupivacaine instillation for post-operative pain relief after laparoscopic cholecystectomy : A prospective study	Dr.Suma S Dr.Vikranth S N Dr.Nikhil M Dr.PN Sreeramulu	International Journal of Contemporary Surgery
Efficacy of intraoperative local administration of 0.5% bupivacaine on postoperative pain control following anterior abdominal wall hernia repair - A prospective case-control study	Dr Pavan B K Dr Karthik Hareen TVK Dr Bhaskaran A Dr Akarsh Y G	International surgery journal 2019; 3(1): 210-213
Role of H pylori in GERD - A prospective study	Dr Asadulla Baig Dr Pavan B K Dr Bhaskaran A Dr Akarsh Y G	International journal of surgery science 2019; 3(1): 207-209
A Comparative study between Povidine iodine and metronidazole for peritoneal lavage in cases of peritonitis	Dr Asadulla Baig Dr Mohan Kumar K	International surgery journal 2019 Apr;6(4):1214-1218
Efficacy of intra-operative local administration of 0.5% bupivacaine on post-operative pain control following anterior abdominal wall hernia repair - A prospective case-control study	Dr Pavan BK Dr Karthik Hareen TVk Dr Bhaskaran A Dr Akarsh YG	International journal of surgery science 2019; 3(1): 210-213
A study of Tumor Associated Macrophages and their Subpopulation M1 and M2 by Immunohistochemistry in Colo-Rectal Cancer	Dr.Chenna Chandana Reddy Dr.ML Harendra Kumar Dr. Bhaskaran A	Indian Journal of Pathology
Mixer grinder fingertip injuries and treatment outcome in a rural based tertiary center: a retrospective study	Dr.Deepak Hongaiah, Dr. Abhilash, Dr. Dharmendra Kumar, Dr.Vijay Kumar S.	International Surgery Journal 2019 Jul;6(7):2458-2463

A special case report on small intestinal mesenteric tear – A rare encounter	Dr. vijay kumar , Dr. Krishna prasad, Dr. ak-arsh Y..G, Dr. sreeramulu P.N	Journal of clinical and bio medicine 2018; 8 (4): 134 - 136
Triple Malignancy- Three different Histopathologies in a Single Patient. A Diagnostic Dilemma	Dr.Tejaswini M Pawar, Dr.Sreeramulu P N, Dr.Nipun A C, Dr.Kodaganur S, Dr.Gopinath, Dr.Manjunath G N, Dr.CSBR Prasad	Journal of Clinical and Biomedical Sciences 2018; 8 (4): 126 - 129
Adenomyoepithelioma of the Breast in the young- A Rare Case	Dr Sreeramulu P N, Dr Tejaswini M Pawar, Dr Srinivasan D, Dr Spurthi S, Dr Swaroop Raj B V	Journal of Medical Science and Clinical Research March 2019 Vol 07; Issue 03; Page 824-827
A parietal wall desmoid tumour with primary mesh repair: a case report	Varsha A, Deepak Hongaiah, Sreeramulu PN, Srinivasan D	Journal of Clinical and Biomedical Sciences 2019
Spectrum of right iliac fossa mass differential diagnosis and their management	Dr.G.V.V.Prasad Reddy, Dr.Konappa V, Dr.Mahidar Reddy, Dr.Dharmendra Kumar	International Surgery Journal July 2019

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

Faculty:

Details of the Honor/Award/Fellowship	Awarded by	Awarded to
Best Teacher Award	SDUAHER	Dr. Sangeetha T.

Department Of Obstetrics And Gynecology

Vision :

To provide quality care for women's reproductive health.

To provide comprehensive education to medical students and residents to help them to achieve excellence in the profession and motivate them to be life-long learners.

To provide an environment of collaboration, humility, integrity and respect for achieving excellence in profession and promotion of basic clinical and translational research.

Introduction:

The Department of Obstetrics and Gynecology, a constituent Department of Sri Devaraj Urs Medical College is thriving hard to offer quality care to patients and quality education to students through our dedicated team of the faculty members. The Department started functioning in the year 1986-87. It caters to the rural population in and around Kolar district. The team of expert specialists in the field of obstetrics & gynecology provide emergency Obstetrics care all round the clock to the mothers who are referred in critical condition.

The Dept. has sub specialty clinics like STD clinic, Infertility, family welfare, clinical preventive gynecology etc. The department provides free counseling and testing for HIV and simultaneously provides 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 Dept. The Department is well equipped to impart quality patient care. All the faculty in the Department volunteer in "Pradhan Matri Surakshit Matritva Abhiyaan" - where pregnant women are given free antenatal care and required treatment for free on 9th of every month.

Thrust areas :

Preeclampsia-eclampsia
Gestational diabetes
Cervical cancer

Teaching Faculty:



1st row left to Right: Dr.Suman Patil, Dr.Gomathy.E,Dr.Sheela.S.R,De.Munikrishna.M, Dr.Veena Vidyasagar,Dr.Smitha.D.S

2nd row left to right:Dr.Sonam Singh, Dr.Priyanka Chatterjee,Dr.Bhavana.H.J, Dr.Kratika Kamath, Dr.Ritika Narayan, Dr.Tejasree.N.R, Dr.Kammila Sukhini, Dr.Neha.B.S

3rd row left to right:Dr.B.Udayabhaskar,Dr.Deepa Patharde, Dr.Nikitha S Vasan, Dr.Krithika Raj, Dr.Rashmi S, Dr.Sneha Singh,Dr.Syeda Seema, Dr.Supriya H M, Dr.Vishwanath.K

4th row left to right:Mrs.Sowbhagyamma,Dr.Shweta Sinha,Dr.Charishma.K,Dr.K.Vishnu Priya, Dr.Arpatha Shruthi,Dr.Radhika Dr.Satya Shree, Mrs. Vijalakshmi.

Teaching Faculty Details:

Dr Sheela S R	Professor and H O D
Dr Munikrishna.M	Professor and Unit Chief
Dr Gomathy E	Professor and Unit Chief
Dr Jyothi P Rao	Assistant Professor
Dr Smitha.D.S	Assistant Professor
Dr Vimarshitha.P	Assistant Professor
Dr Sonam Singh	Senior Resident
Dr Radhika.K	Senior Resident
Dr Vishnupriya	Senior Resident
Dr Nandini.S	Senior Resident
Dr Lavanya	Senior Resident
Dr.K.Charishma	Senior Resident
Dr.Shweta Sinha	Senior Resident

Details of programmes conducted:

Date(s)	Nature and theme of the program
12 th Dec 2018	CME Gynaecological Update
19 th Feb 19	Guest Lecture Ovarian cancer

Details of programmes attended by faculty :

Date (s)	Conference	Name of the Faculty attended
8 th – 12 th Jan2019	AICOG	Dr.Sheela SR Dr.Munikrishna Dr.Gomathy.E Dr.Veena vidyasagar
Date 12 th - 16 th Jun 2018	BSOG	Dr.Munikrishna
30 th November 2018	Workshop KSC AGOI-Colposcopy	Dr.Sheela SR

Details of Oral / Poster presentation by faculty : Oral presentation

Papers presented : oral presentation	Name of the faculty	
Near miss and maternal mortality: quality indicators of obstetrical care.	Dr Sheela S R	AICOG 2019, Bengaluru
Posterior reversible encephalopathy syndrome in preeclampsia and eclampsia in a rural tertiary care hospital	Dr Munikrishna M	AICOG 2019, Bengaluru
Knowledge and attitude of infertile couples attending a rural tertiary care center	Dr. Gomathy E	AICOG 2019, Bengaluru

Details of Poster presentation

Poster	Event	Name of the faculty
Estimation of incidence of aerobic vaginitis in women presenting with symptoms of vaginitis	AICOG 2019, Bengaluru	DR. Veena Vidyasagar

Details of Research projects Completed:

Principal Investigator	
Genetic studies on preeclampsia	Dr. Sharath.B Dr.Munikrishna.M
Studies on misfolded proteins in preeclampsia	Ms.Chandrakala (Ph.D. Scholar) Dr. Sharath.B (guide) Dr. Sheela.S.R (co-guide)
Screening and molecular characterization of beta-thalassemia in anemic pregnant women	Dr. Mithesh Shetty Dr. Munikrishna.M

On going :

Principal Investigator	
Plasma level of 8 hydroxy-2-deoxy guanosine in circulating cell free DNA in preeclampsia : case control study	Dr. Sharath.B Dr. Sheela.S.R
Cytogenetic studies on confined placental mosaics in preeclampsia using expelled placenta	Dr.Mithesh Shetty , Dr.Sharath, Dr.Gomathy E, Dr.Jagdeesh
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
Serum biomarkers and fluoride estimation with histopathological Changes In Placentae of preeclampsia.	Krishnaveni Dr.Raghuveer.C.V Dr.Sheela.S.R

MD/MS Dissertations / Ph.D. thesis (2018-19 batch only)

Topic	Name of the student	Name of the Guide
Screening of carcinoma cervix by correlating the features of cytology, histopathology with colposcopy finding in unhealthy cervix	Dr. Chaithanya	Dr. Sheela S R
Fetomaternal outcome by including labour using dilapan s, a cervical os-motic dilator	Dr. Sukhini	Dr. Sheela S R
Comparative study between induction of labour with misoprostol alone versus misoprostol with fo-ley's induction	Dr. Tejashree	Dr. Munikrishna
Comparative study of efficacy of IV paracetamol versus diclofenac suppository versus combined effect of paracetamol and diclofenac suppository	Dr. Sadhana	Dr. .Munikrishna
Association of umbilical cord abnormalities and non assuring fetal heart rate and its perinatal outcome	Dr. Neha	Dr. . Gomathy.E
Platelet indices in preeclampsia	Dr. Krathika Ka-math	Dr. Gomathy.E

Publications: Published:

Paper title	Author	Journal
Urinary protein carbonyl levels and its correlation with protein misfolding in preeclampsia	Chandrakala.N, Sheela.S.R Ravishankar.S Sharath.B	Hypertension in Preg-nancy, 38(2), 124-128. doi: 10.1080/10641955.2019.1590720
Placental protein 13 and asymmetric dimethyl arginine for early assessment of preeclampsia.	Ranjeeta Gadde Dayanand CD Sheela SR	Biomedical Re-search, 30(2). doi: 10.35841/ biomedicalresearch.30-19-078
Use of Intramyometrial Versus In-travenous Oxytocin of 10IU in Pre-vention of Postpartum Haemor-rhage During Cesarean Section	Gomathy E, Ni-kitha V, Munikrish-na M	Indian Journal of Ob-stetrics and Gynecolo-gy, vol. 7, no. 1, 2019, pp. 19-25., doi:10.21088/ ijog.2321.1636.7119.4.

A study on umbilical cord blood gas analysis and cord blood lactate level as predictors of adverse neonatal outcome- an observational study	Suman.S.P, Sukanya,Suman.R.	International Journal of Reproduction, Contraception, Obstetrics and Gynecology, 7(4), 1494. doi: 10.18203/2320-1770.ijrcog20181342
Case series –A retrospective Study of pregnancy outcome with uterine fibroid	Dr.Shilpi ,Dr.Sheela a SR	Journal of South Asian Federation of Obstetrics and Gynaecology, 10(2), 92-97. doi: 10.5005/jp-journals-10006-1568
Septate Uterus: Incidental Findings in multiparous women with breech with bad obstetrics history who had an emergency caesarean	Dr.Shilpi, Dr.Sheela SR Dr.Sreeramulu	International Journal of Reproduction, Contraception, Obstetrics and Gynecology, 7(6), 2512. doi: 10.18203/2320-1770.ijrcog20182380
A comparative study of maternal outcomes between vacuum extraction and outlet forceps delivery	Dr.Shilpi, Dr.Munikrishna , Dr.Sheela S R	International Journal of Reproduction, Contraception, Obstetrics and Gynecology, 7(6), 2441. doi: 10.18203/2320-1770.ijrcog20182365
Use of the Robson classification to assess caesarean section trends in tertiary hospital	Gomathy.E Kondareddy Radhika Triveni Kondareddy	International Journal of Reproduction, Contraception, Obstetrics and Gynecology, 7(5), 1796. doi: 10.18203/2320-1770.ijrcog20181905
Early onset and late onset preeclampsia-maternal and perinatal outcomes in a rural tertiary health center	Gomathy E., Lahari Akurati, Kondareddy Radhika	International Journal of Reproduction, Contraception, Obstetrics and Gynecology, vol. 7, no. 6, 2018, p. 2266.,doi:10.18203/2320-1770.ijrcog20182333.
Induction of labour and risk for emergency cesarean section in women at term pregnancy	Gomathy E,Aditi ramchandra, Sandhya	Journal of Clinical Gynecology and Obstetrics, vol. 8, no. 1, 2019, pp. 17-20., doi:10.14740/jcgo433w.

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

Faculty:

Details of the Honor/Award/Fellowship	Awarded by	Awarded to
1 month Certificate course in laparoscopy	Altius Hospital , Bangalore 1 st to 31 st Sept 2018	Dr. Gomathy E

Postgraduates:

Details of the Honor/Award/Fellowship	Awarded by	Awarded to
3 rd prize for poster presentation titled "Rare case of haemoperitonium due to rupture of vessels over the surface of leiomyoma	Gnanavarsha, Bangalore 21BSOG held on 27th October 2018.	Dr.Sneha Singh

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, Community Psychiatry and De-addiction clinics besides offering Marital Therapy, Family therapy, Scholastic Difficulty management, etc. The Dept. of psychiatry works in collaboration with the District Mental Health Programme, Kolar, Nightingales Medical Trust, Bangalore, the

Shankar Differently-abled School and various other organisations to ensure maximum outreach to patients in need.

Thrust areas:

- Community Psychiatry
- Counseling and Psychotherapy
- De-addiction Management

Teaching Faculty



From (L-R): Dr. Ruth Sneha C
Dr. Mohan Reddy M, Dr. Jagadish S.N
Dr.G.P.Gururaj

Teaching Faculty Details :

Name	Designation
Dr. Mohan Reddy M	Professor & HoD
Dr. G.P.Gururaj	Associate Professor
Dr. Ruth Sneha C	Assistant Professor
Dr. Jagadish S.N	Clinical Psychologist / Assistant Professor
Dr. Prakruthi N.	Senior Resident

Details of programmes attended by faculty:

Sl. No	Date(s)	Nature and theme of the program	Name of the Faculty attended
Workshop	29 th Sep2018	National workshop for early career professionals in management of technology addiction at NIMHANS	Dr.Ruth Sneha
Conference	22 nd - 23 rd Oct 2018	National Conference on "Combat depression" held at Mysore	Dr.Ruth Sneha
	31 st Jan 2019- 3 rd Feb 2019	Annual National Conference of Indian Psychiatric Society On "Mental Health-Nation's Wealth" held at Lucknow	Dr.Mohan Reddy M Dr.Ruth Sneha

Details of Oral / Poster presentation by faculty:
(a) Oral presentation

Oral / Poster presentation	Subject	Event	Name of the faculty concerned
Oral Paper	Alternative Model To Combat Mental Illness: -An Integrative Approach	ANCIPS 2019 on 1 st Feb 2019	Dr.Mohan Reddy M
Oral Paper	Influence of personality on academic stress among first year MBBS students	ANCIPS 2019 on 1 st Feb 2019	Dr.Ruth Sneha

Details of Research projects
Completed:

Sl. No	Title of the Research Project	Principal Investigator
1	Psychiatric Morbidity in Intensive Care Unit Patients	Dr.Mohan Reddy M
2	Awareness and Attitude towards mental illness among a Rural Population in Kolar	Dr.Ruth Sneha

Sl. No	Title of the research project	Principal Investigator
1	The effects of sleep and stress on academic performance among first year MBBS students in Kolar	Dr.Ruth Sneha
2	Patterns of mobile phone usage and psychological morbidity among physiotherapy students in rural district of Karnataka	Dr.Ruth Sneha
3	Analysis of causes of deliberate self-harm- a retrospective study	Dr.Prakruthi.N

Project submitted for approval:

Sl. No	Title of the research project	Principal Investigator
1	Opinion and attitudes of postgraduates towards suicide attempters in a tertiary medical college in Kolar	Dr.G.P.Gururaj
2	Evaluation of Stress levels among Nursing staff in various wards of tertiary medical college hospital in a rural district of Kolar	Dr.G.P.Gururaj
3	Attitudes of house surgeons towards LGBT community in a rural medical college in Kolar	Dr.G.P.Gururaj
4	Awareness and attitude among final and first year Medical students of rural district of Kolar towards drug abuse, especially on consumption of Cannabis.	Dr.G.P.Gururaj

Publications:
Published:

Sl. No	Title of the paper	Author(s)	Journal
1	Psychiatric morbidity in intensive care unit patients	Nongmeikapam M, Reddy M, Sneha CR, Narayan JS.	Ann Indian Psychiatry 2018;2:125-9.
2	Awareness and attitude towards mental illness among a rural population in Kolar	Sneha CR, Reddy MM, Nongmeikapam M, Narayan JS	Indian J Soc Psychiatry 2019;35:69-74.

Any other important information:

- The Department of Psychiatry is active in creating awareness by celebrating International Mental Health Related days in the form of skits, role -plays and talks both by experts and lay-persons:

Sl.No.	Date	Event
1	26 th Jun 2018	International day against drug abuse and illicit trafficking
2	10 th Sep 2018	World Suicide Prevention Day - working together to prevent suicide
3	21 st Sep 2018	World Alzheimer's Day



International day against drug abuse and illicit trafficking



World Suicide Prevention Day-working together to prevent suicide



EEG Clinic



Biofeedback session



Electroconvulsive Therapy being given under general anesthesia
[Dr. Ruth Sneha (Middle) administering ECT]

Department of Paediatrics

Vision:

To be one of the best academic centers of Paediatrics.

Introduction:

Dept of Paediatrics was established in the year 1987. Since then, the department has advanced in high quality patient care catering to the needs of sick children in and around Kolar District. In addition to 90 bedded Paediatric wards, special features of our Dept include a 10 bedded Paediatric Intensive Care Unit (PICU) and a 27 bedded Neonatal ICU (inborn and out born) providing complete patient care ranging from routine to advanced. The Dept is actively involved in training of

Undergraduate and Postgraduate medical students with hands-on experience that prepares the students for careers as general paediatricians or subspecialists. The Dept conducts a certified Newborn Resuscitation Program: First Golden Minute (NRP FGM) Project for all house surgeons every year in order to empower them with additional skills to improve newborn care.

Thrust areas :

- Acute brain infections
- Hearing screening in newborns.
- Molecular studies in congenital malformations. Innovations in Teaching Learning (T/L) Activities

Teaching Faculty



Sitting from L - R: Dr. Srikanth C, Dr. Beere Gowda Y C, Dr. Krishnappa J, Dr. Sudha Reddy V R, Dr. K N V Prasad, Dr. Bhanuchand P, Dr. Ambresh

Standing First Row from L - R: Dr. Manjunath, Dr. Priyantha Goyal, Dr. Manasa U Shetty, Dr. Chintana B S, Dr. Akshatha S, Dr. Suman, Dr. Mohammad Yasir, Dr. Naveen

Standing Second Row from L - R: Dr. Srinadh Pragada, Dr. Sampath Gaud, Dr. Pradeep Goud, Dr. Ritesh Veerlapati, Mr. Jagannath

Teaching Faculty Details :

Sl. No	Name	Designation
1	Dr. Sudha Reddy V. R.	Professor & HoD
2	Dr. K. N. V. Prasad	Professor
3	Dr. Beere Gowda Y.C	Professor
4	Dr. Krishnappa J.	Professor
5	Dr. Bhanuchand P.	Assistant Professor
6	Dr. Shivaraja A.	Assistant Professor
7	Dr. Yallappa Gowda	Assistant Professor
8	Dr. Channakeshvala Srikanth	Assistant Professor
9	Dr. Narendra R.R	Assistant Professor
10	Dr. Ramanjaneyulu	Assistant Professor
11	Dr. Ambareesh	Senior Resident
12	Dr. Priyantha Goyal	Senior Resident
13	Dr. Manasa U Shetty	Senior Resident
14	Dr. Naveen Kumar B.	Senior Resident
15	Dr. Rakshith Reddy	Senior Resident
16	Dr. Shivtej N.	Senior Resident

Details of Programs conducted:

Sl. No	Date(s)	Nature and theme of the program	Name of the Faculty attended
CME	29 th Apr 2018	CME on "Nutri Nation "Bangalore	Dr. Sudha Reddy V R Dr. K N V Prasad Dr. Beere Gowda Y C Dr. Krishnappa J Dr. Srikanth C Dr. Shivaraja A
	7 th May 2018	CME on "Professionalism & Ethics in Medicine"	Dr. K N V Prasad Dr.Sudha Reddy V R
	20/05/2018	CME on "Recent Advances in Human Milk science and Health outcome" Bangalore	Dr. Sudha Reddy V R Dr. K N V Prasad Dr. Beere Gowda Y C Dr. Krishnappa J Dr. Srikanth C Dr. Shivaraja A
	26/10/2018	Neonatal and Paediatric emergencies (NAPE)	

Workshop	16/5/2018	“UNESCO Declaration in Bioethics and Human Rights – A Basic Workshop” MCI Nodal Centre, SJMC, Bangalore	Dr. K N V Prasad Dr.Sudha Reddy V R
	19/04/2018 & 20/04/2018	Workshop on “BNCRP Part-1 course of IAP-NNF Neonatal Resuscitation Program First Golden Minute”	
Conference	07/04/2018	FORESEE,SRMCRI, Porur, Chennai.	Dr. K N V Prasad
	9-30/06/2018	iCON 2018, MGMCRI, Pondicherry.	Dr. K N V Prasad

Details of Research projects

Completed:

Sl. No	Title of the Research Project	Principal Investigator
1.	Study on Lactose Intolerance in Children with Acute Diarrhea	Dr. Ritesh Veerlapati
2.	Correlation of urinary uric acid creatinine ratio with the severity of hypoxic ischemic encephalopathy	Dr Suman K. V.

Ongoing :

Sl. No	Title of the research project	Principal Investigator
1.	Comparison between transcutaneous bilirubin measurement and serum total bilirubin levels in neonates with clinical jaundice – A cross sectional observational study	Dr Sahil Chaudhary Dr Sudha Reddy V. R.
2.	A study of clinical risk index of babies II and score for neonatal acute physiology -perinatal extension II to identify clinical parameters associated with poor outcomes in referred neonates	Dr Mohammad Yasir Dr K.N.V.Prasad
3.	Evaluation of Neonatal Trigger Score as an Early Warning System in postnatal wards - A prospective study.	Dr Naveen Kumar B. Dr Sudha Reddy V.R.
4.	Prospective Observational study of the serum lactate levels as prognostic indicator in patients with shock in tertiary care centre.	Dr. Sri Raksha Dr Krishnappa J.

Project submitted for approval:

Sl. No	Title of the research project	Principal Investigator
1.	Acute Brain Infections Global study	Dr. Sudha Reddy V R

MD/MS Dissertations / Ph.D. thesis (2018-19batch only)

Sl. No	Topic	Name of the student	Name of the Guide	Name of the Co-guide (if any)
1	Prospective comparative study of effect of umbilical cord milking vs early cord clamping on neonatal hematological and clinical parameters in tertiary care hospital	Dr. Srinadh Pragada	Dr. K. N. V. Prasad	Dr. S. R. Sheela
2	Out come in neonates born to mothers with premature rupture of membranes at a tertiary care center.	Dr.Chinatana B S	Dr. Sudha Reddy V. R.	Dr Gomathy E
3	Cross sectional study of serum zinc levels in acute gastro enteritis.	Dr. Akshatha S	Dr. Krishnappa J.	Dr. Sumathi M. E.

Publications:
Published:

Sl. No	Title of the paper	Author(s)	Journal
1	Gilbert's Syndrome - case report.	Raghuvamshi R, Krishnappa J, Bhanuchand P.	Int J SciRes 2019; 8: 1-2.
2	Mini-clinical evaluation exercise (mini -CEX) as a learning and assessment tool: Residents' and facultys' perceptions.	Sudha Reddy V. R, K.N.V. Prasad, Krishnappa J.	J Clin Biomed Sci 2018; 8 (3): 93 – 98
3	Suicide Tree Poisoning- case report	Sudha Reddy V R, Shivaraja A, Shruthi Appaji	Int J Contemp Pediatr. 2018; 5(4):1690-1692

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

a) Faculty:

Sl.No	Details of the Honor/ Award/Fellowship	Awarded by	Awarded to
1.	Advanced Course in Medical Education (ACME)	MCI	Dr K.N.V. Prasad



Department Of Otorhinolaryngology

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

Introduction:

ENT has emerged as a vital specialized branch that deals with the Surgical and Medical care of all 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

The department of ENT comprises of two units – one general ENT unit and one unit for Head & Neck Oncosurgery. The department was established in 1986. The department has developed over a period of years and is known for being compassionate, attentive and empathetic. The 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 to the department. Apart from diagnosing and treating serious and complicated illnesses, it is working towards increasing the number of preventive and rehabilitative services offered.

The good support from the specialities of Paediatrics, Anaesthesiology, Pathology, Radiodiagnosis, Radiotherapy, Gen Surgery, Orthopaedics, Urology, nephrology, neurology, Cardiology,

surgery and physiotherapy ensures that the patients receive the best treatment.

Post graduate studies were started in 1997. The department now admits six MS ENT students students per year. The department has also been conducting two 22month Post-Doctoral Fellowship course in Head & Neck Oncosurgery and two 22month Oral oncosurgery

Thrust areas:

- To develop excellence in head and neck cancer surgeries
- To tie up with molecular scientists and thereby develop a link between pure science and surgical specialties.
- To develop expertise in Microvascular reconstruction and LASER surgeries in Head and Neck Cancers.
- To ensure that all faculty members are specialized in at least one sub specialty by deputing them for training at Premier Institutions in the Country/ Abroad.

Research Thrust areas:

- Surgical Management of Oral cancer
- Chemo-radiation in Oral cancers
- Epigenetics and molecular biology of Oral cancers
- Microsurgery of ear
- Management of laryngeal cancers
- Treatment of thyroid cancers
- Endoscopic micro-anatomy of paranasal sinuses

Teaching faculty



- 1st Row Sitting** (R to L): Dr. Deepika K, Dr. Kouser mohammadi, Dr. K.C.Prasad, Dr. S M Azeem Mohiyuddin, Dr. R P Deo, Dr. Sagayaraj A, Dr. Prashanth Babu.S, Dr. Shreeharsha M
- 2nd Row Standing** (L to R): Dr. Benod Kumar, Dr. Ashok Kumar B, Dr. Linu Thomas, Dr. Manna Jose P, Dr. Abhilasha K, Dr. Shashank C, Dr. Swpanthi MB, Dr. Induvarsha G, Dr. Sreelekshmi S
- 3rd Row Standing** (L to R): Dr. Vaishnavi V, Dr. Lini Joseph, Dr. Harshitha N, Dr. Vishwasanthi P, Dr. Anjali P K, Dr. Aishwarya Raj Pillai, Dr. Harshitha. N, Dr. Brinda HS, Dr. Prathyusha Koneru
- 4th Row Standing** (L to R): Mr. Linga Reddy, Mr. Srinivasappa, Dr. Kunal Thakur, Dr. Arjun Gupta, Dr. Harsh Vivek

Sl.No	Name	Designation
1.	Dr.S.M.Azeem Mohiyuddin	Professor & HoD
2.	Dr.Prasad.K.C	Professor
3.	Dr. Deepika K	Professor
4.	Dr.Sagayaraj.A	Assoc. Professor
5.	Dr.Kouser Mohammadi	Asst. Professor
6.	Dr.Prashanth Babu.A	Asst. Professor
7.	Dr.Harshita.T.R	Asst. Professor
8.	Dr.Abhilasha Karunasagar	Sr.Resident
9.	Dr.Shreeharsha Maruvala	Sr.Resident
10.	Dr.Balan Ashok Kumar	Sr.Resident
11.	Dr. Linu Thomas	Sr.Resident
12.	Dr. Manna Jose Pappanacherry	Sr.Resident

CME/Conference Conducted

National level CME and Live surgical workshop (**Beyond mainstream ENT - Thinking out of the Box**) organized from 14-06-2019 to 16-06-2019

CME/Conference Attended

Sl. No	Date(s)	Nature and theme of the program	Name of the Faculty attended
1.	23 rd - 24 th Jun 2018	CancerCon - CME on Consensus Guidelines and Improving Outcomes in Head and Neck Cancer at Cyte Care Hospital, Bangalore 4 Credit hours by Karnataka Medical Council	Prof S M Azeem Mohiyuddin
2.	24 th to 26 th Aug 2018	Third National Meeting of Indian Society of Thyroid Surgeons at Tata Memorial Hospital, Mumbai- 5 credit hours	
3.	24 th to 26 th Aug, 2018	Pre-conference workshop on Intraoperative Nerve Monitoring in Thyroid Cancer Surgery at Tata Memorial hospital, Mumbai	
4.	26 th to 28 th Oct 2018	18 th National Meet of Foundation for Head and Neck Oncology (FHNO) and International Federation of Head and Neck Oncologic Societies- World Tour at Kolkata	
5.	9 th , 10 th And 11 th March 2018	Cholesteatoma 2018 live surgical workshop	Dr. K.C. Prasad
6.	26 th - 27 th October 2018	Temporal bone dissection Dissection workshop	
7.	8, 9,10 th March 2019	Fascial nerve and tympanosclerosis	
8.	28 th , 29 th July 2018	ENT IRE BASICS	
9.	26 th - 27 th October 2018	Temporal bone dissection workshop	
	24 th - 25 th November 2018	Zonal- continueing surgical education programme 2018	Dr. Kouser Mohammadi
	23-24 June 2018	CANCON 2018 (CYTCARE BLR) Consensus Guidelines for Improving Outcomes in Head & Neck Cancer - Oncological Functional and Beyond -	Dr. Prashanth Babu
	November 2018	ISOCON Mysore - National Otology conference	Dr. Harshita TR.
	23-24 June 2018	CANCON 2018 (CYTCARE BLR) Consensus Guidelines for Improving Outcomes in Head & Neck Cancer - Oncological Functional and Beyond -	Dr Shreeharsha M
	May, 2018	Endoscopic Base of Skull Surgery EBOSS 2018	Dr. Abhilasha K

Oral/ Poster presentation Faculty & PG:

Poster presentations:

Sl No	Title	Faculty	Date	Event
1.	Ossifying fibroma of mandible- free fibular reconstruction in adolescent	Dr.Prathyusha.K	May 2018	State conference AOI mid-term conference-Kerala
2.	Thyroid abscess an uncommon condition with E.coli	Dr. Anjali PK	May 2018	State conference AOI mid-term conference-Kerala
3.	Choanal atresia : an uncommon abnormality with Ptosis	Dr. Anjali PK	Oct 2018	International conference: FAB FESS
4.	Ewings Sarcoma of the maxilla-A rare Case	Dr. Indu Varsha G	Oct 2018	International conference: FAB FESS
5.	Atypical Presentation of Nasal Dermoid sinus cyst	Dr. Indu Varsha G	June 2018	State conference AOI mid-term conference-Kerala
6.	Infraorbital approach for retrobulbar orbital neurofibroma	Dr. Harshitha N	Oct 2018	State conference South zone AOI conference-Karnataka

Oral presentations:

Sl No	Title	Faculty	Date	Event
1.	Paper: impact of temporal bone dissection on understanding the anatomy of ear on medical students	Dr.Prathyusha.K	May 2018	State conference AOI mid-term conference-Kerala
2.	PAPER: Clinicians perspective to special surgical situations during oncological surgeries: case scenarios and tackling methods	Dr. Anjali PK	May 2018	State conference AOI mid-term conference-Kerala
3.	Paper- A high riding jugular bulb	Dr. Indu Varsha G	June 2018	State conference AOI mid-term conference-Kerala
4.	PAPER: Microsurgical anatomy of the stapedius muscle"	Dr. Harshita T. R (Faculty)	Nov 2018	ISOCON Mysore – National Otology conference

Completed Projects

Completed Research Project Staff:

1	Lymph node ratio and its correlation with primary site and depth of oral cavity squamous cell carcinoma	Dr S M Azeem Mohiyuddin
2	Oncological outcome in advanced oral cancer extending into Infratemporal fossa	Dr S M Azeem Mohiyuddin

Completed Research Project PG's:

Sl. No.	Title of Dissertation	Name of PG Student	Name of the Guide	Year of completion
1	Comparison between inferior turbinoplasty and intranasal steroid for Allergic rhinitis	Dr Anjali P K	Dr S M Azeem Mohiyuddin	2018
2	Evaluation of hearing outcome in Myringostapediopexy & Myringoplastinopexy	Dr Swapanthi	Dr Prasad K C	2018

3	Prevalence of CSOM in school- going children in & around Kolar district	Dr Prathyusha K	Dr Vinay Babu	2018
4	Hearing evaluation in infants born to Hypothyroid women	Dr Induvarsha G	Dr S M Azeem Mohiyuddin	2018

Ongoing Projects

Ongoing Research Projects By Staff

S.No	Title of Topic	Principal investigator
1.	Evaluation of central compartment lymph nodes for metastasis in papillary carcinoma thyroid with No neck nodes	Dr. S M Azeem Mohiyuddin
2.	Evaluation of supramandibular facial lymph nodes for metastasis in carcinoma buccal mucosa	Dr. S M Azeem Mohiyuddin
3.	Quantitative assessment of interleukin -6 levels in benign, premalignant and malignant lesions of oral cavity.	Dr. S M Azeem Mohiyuddin
4.	Perioperative nutrition supplementation – Impact on wound healing in head and neck cancer patients.	Dr Divya jyothi
5.	Evaluation of change in threshold of smell after tracheostomy	Dr. S M Azeem Mohiyuddin
6.	Prevention of Surgical Site infection in Head and Neck Surgery: Chlorhexidine vs Povidone Iodine	Dr. S M Azeem Mohiyuddin
7.	Effect of Neoadjuvant chemotherapy on locoregional control in locally advanced Oral cancers.	Dr. S M Azeem Mohiyuddin

8.	Studies on Histone and Non-Histone Protein Modifications in Oral Cancer: Implications in Therapeutics	Dr Tapas K Kundu and Dr S M Azeem Mohiyuddin
9.	Audiometric and Tympanometric assessment of patients undergoing Radiotherapy for Oral Cancers	Dr S M Azeem Mohiyuddin
10.	Comparison of ototoxicity following Cisplatin and Carboplatin based chemotherapy in head and neck cancers	Dr S M Azeem Mohiyuddin
11.	<p>Virtual National Oral Cancer Institute (VNOCI) (Multicentric research project under Jawaharlal Nehru center for advanced research, Bangalore) funded by Department Of Biotechnology Government Of India</p> <ul style="list-style-type: none"> To evaluate oral cancer samples for repetitive mutations To create squamous cell carcinoma(oral cancer) cell lines from Kolar region <p>To compare the effect of different carcinogens on different patient groups in various parts of the country</p>	Dr S.M Azeem Mohiyuddin

Dissertation by MS Students / Ph. D Thesis

Sl. No.	Title of Dissertation	Name of PG Student	Name of the Guide	Co-guide
1	Comparative study of oncological outcomes of neo-adjuvant chemotherapy followed by surgery and surgery alone in locally advanced oral cancers	Dr. Arjun Gupta	Dr S M Azeem Mohiyuddin	Dr. Manjunath G

2	Comparison of visor flap approach with lower lip split approach in resection of oral cancers	Dr. Vyshnavi V	Dr S M Azeem Mohiyuddin	--
3	A Comparative study of Symptom scores in patients undergoing posterior lateral nasal neurectomy with medical management for allergic rhinitis	Dr. Lini Joseph	Dr. K.C Prasad	--
4	Post-operative serum parathyroid hormone levels as a predictor of hypocalcemia in patients undergoing total thyroidectomy	Dr. Kunal Thakur	Dr Sagayaraj A	Dr. Susanna T Y

Published Articles

Sl No	Title	Authors	Journal
1.	Auditory function and quality of life in patients receiving cisplatin chemotherapy in head and neck cancer: A case series follow-up study.	Kalyanam B, Sarala N, Mohiyuddin SMA, Diwakar R.	J Can Res Ther 2018;14:1099-104.
2.	Oral mucosal lesions in geriatric population-South Indian hospital based study.	JC Peter, TS Rajashekar, SM Mohiyuddin, SK Kuppuswamy	IP Indian Journal of Clinical and Experimental Dermatology, January-March,2018;4(1):10-15
3.	Penetrating Neck Injury with Aspiration of the Missile: A Case Report.	Mohiyuddin SMA, Maruvala S, Mohammadi K, Induvarsha G, Harshitha N, Sumanth KR	Ann Clin Otolaryngol. 2018; 3(1): 1031

4	Microsurgical Anatomy of Stapedius Muscle: Anatomy Revisited, Redefined with Potential Impact in Surgeries.	Prasad, K.C., Azeem Mohiyuddin, S.M., Anjali, P.K. et al.	Indian J Otolaryngol Head Neck Surg (2018)
5.	Cutaneous metastasis from Head and neck squamous carcinoma: A report of 2 cases,	Baruah A, Shilpa MD, TN Suresh, Mohiyuddin SMA,	International Journal of Scientific Research, February 2018; 2(7):33-34.
6.	Novel association of oral squamous cell carcinoma with <i>GSTP1</i> Arg187Trp gene polymorphism	Rajesh D, Balakrishna S, Azeem Mohiyuddin SM, Suryanarayana R, Kutty AVM	J Cell Biochem. 2018;1-
7.	Oligomers of human histone chaperone NPM1 alter p300/KAT3B folding to induce autoacetylation.	Kaypee S, Sahadevan SA, Sudarshan D, Halder Sinha S, Patil S, Senapati P, Kodaganur GS, Mohiyuddin A, Dasgupta D, Kundu TK	Biochim Biophys Acta Gen Subj. 2018 Aug;1862(8) 1729-1741.
8.	Oncogene c-fos and mutant R175H p53 regulate expression of Nucleophosmin implicating cancer manifestation.	Senapati, P. , Dey, S. , Sudarshan, D. , Das, S. , Kumar, M. , Kaypee, S. , Mohiyuddin, A. , Kodaganur, G. S. and Kundu, T. K.	FEBS J 2018., 285: 3503-3524.
9.	Follicular variant of primary cutaneous follicle centre lymphoma of infraorbital region.	Narayana ML, Mohiyuddin SMA, Shilpa MD.	Paripex-Indian Journal of Research. October-2018;7(10):52-53

10.	GSTP1 c.341C>T gene polymorphism increases the risk of oral squamous cell carcinoma.	Rajesh D, Balakrishna S, Mohiyuddin SMA, T.N. Suresh Kutty AVM.	Mutation Research/Genetic Toxicology and Environmental Mutagenesis 2018 July; 831:45-49
11.	Outcome of compartment resection of locally advanced oral cancers extending to infratemporal fossa: a tertiary rural hospital experience	Azeem Mohiyuddin S.M, Harsha P, Maruvala, S, Sumanth K. R, Suresh T.N, Manjunath G.N, Sagayaraj A, Mohammedi AK, Babu P, Deo R. P.	Eur Arch Otorhinolaryngol (2018) 275: 2843.
12.	Evaluation of Mucociliary Activity in Maxillary Antra in Patients with Squamous Cell Carcinoma of Buccal Mucosa Undergoing Post-Operative Radiotherapy.	Kadapathri, A. & Azeem Mohiyuddin, S.M.	Indian J Otolaryngol Head Neck Surg (2018).
13.	A panoramic view of type 4 Kuhn cells, only one of its kind.	K. C. Prasad, Azeem Mohiyuddin, Swapanthi MB, T. R. Harshita, Induvarsha Gopinath, Pratyusha Koneru and Mansheer Nallencherry.	Journal of Otorhinolaryngology and Head and Neck Surgery 2019;5(1):219-221 DOI:
14.	Thyroid abscess: a rare condition in immuno-competent patient	P K Anjali, S.M Azeem Mohiyuddin, Prashanth Babu, Shreeharsha Maruvala..	International Journal of Otorhinolaryngology and Head and Neck Surgery. 2019;5(2):523-526

15.	Novel association of oral squamous cell carcinoma with GSTP1 Arg187Trp gene polymorphism	Rajesh D, Balakrishna S, Azeem Mohiyuddin SM, Suryanarayana R, Kutty AVM.	J Cell Biochem. 2019;120:5906-5912.
16.	Microsurgical Anatomy of Stapedius Muscle: Anatomy Revisited, Redefined with Potential Impact in Surgeries	KC Prasad, SM Azeem Mohiyuddin, PK Anjali, TR Harshita, G Indu Varsha, HS Brindha	Indian Journal of Otolaryngology and Head & Neck Surgery.2019;71(1):14-18
17.	Labyrinthectomy: Our Experience in a Tertiary Care Centre.	Prasad, K.C., Gopi, I.V., Harshitha, T.R. et al.	Indian J Otolaryngol Head Neck Surg 2019.
18.	A Revisit to High Jugular Bulb: A Newer Clinical Grading.	Prasad, K.C., Basava, C.H., Gopinathan, P.N. et al.	Indian J Otolaryngol Head Neck Surg (2018); 70(4): 527-530
19.	Microscopy assisted tonsillectomy: an effective and successful teaching technique for students.	Prasad KC, Anjali PK, Harshita T.R, Indu varsha G.	Paripex - Indian Journal of Research. July 2018;7(7):63
20.	Anterior neck lipoma at unusual location, clinically simulating a thyroid swelling: a case report.	Prasad KC, Anjali PK, Indu varsha G, Prathyusha Koneru.	Paripex - Indian Journal of Research. 2018;7(5):52-53
21.	Comparison of hearing outcome of tympanoplasty with and without canalplasty.	Prasad KC, Linu Thomas, Manna Jose Pappanacherry.	International Journal of Scientific Research. 2018;7(5):58-59

22	High Riding Jugular Bulb. Identify And Be Cautious.	Prasad KC, Anjali PK.	Paripex - Indian Journal of Research.2018;7(4)
23	First branchial cleft anomaly-presenting as recurrent postauricular swelling.	Linu Thomas, Prasad KC, Manna Jose Pappanacherry.	Indian Journal of Applied Research. 2018; 7(3):1-3
24	Vidian canal- a landmark for identification of the internal carotid artery during skull base surgery.	Linu Thomas, Prasad KC, Manna Jose Pappanacherry.	International Journal Of Scientific Research.2018;7(3):1-3
25	Stapes Surgery Teaching Tool: A Simple and Stable Technique.	Prasad KC, Karunasagar A, Anjali PK.	Indian J Otolaryngol Head Neck Surg (2018) 70: 450-451
26	Fronto Ethmoidal Mucocele Associated with Type 4 Kuhn Cells	Prasad, K.C., Swapanthi, M.B., Anjali, P.K. et al..	Indian J Otolaryngol Head Neck Surg (2018).
27	Aural Atresia with Cholesteotoma and Its Management Strategies	Prasad, K.C., Swapanthi, M.B. & Harshitha, T.R.	Indian J Otolaryngol Head Neck Surg 2018 70(4): 587-590
28	Ossiculoplasty with autologous incus and autologous cortical bone: A retrospective analysis	KC Prasad, Indu Varsha Gopi and Anjali PK.	International Journal of Applied Research 2018; 4(4): 377-380

29	Impact of temporal bone dissection on the understanding anatomy of the ear among medical students.	Sumanth KR, Prasad KC, Prathyusha K, Maruvala S, Harshitha TR, Gopi IV.	International Journal of Otorhinolaryngology and Head and Neck Surgery.2018;4(6):14891492
30	Detection of bacteria by 16S rRNA PCR and sequencing in culture negative chronicrhinosinusitis	Karunasagar A, Jalastagi R, Naik AS, Rai P	Laryngoscope. 2018 Oct;128(10):2223-2225.
31	Bacterial Biofilms in Chronic Rhinosinusitis and Their Implications for Clinical Management.	Karunasagar, A., Garag, S.S., Appannavar, S.B. etal.	Indian J Otolaryngol Head Neck Surg (2018) 70: 43-48

Achievements/Honours/Awards/Fellowships -

a) Faculty

Sl No	Award/Honour/Fellowship	Awarded by	Awarded to
1.	Fellow American College of Surgeons (FACS) - Oct 2018	American College of Surgeons	Dr. S M Azeem Mohiyuddin
2.	Nominated as a member of executive committee	Foundation for Head and Neck Oncology, India	Dr. S M Azeem Mohiyuddin
3.	Fellowship in Head and Neck Oncosurgery	Sri Devaraj Urs Academy of Higher Education and Research, Kolar	Dr. Sumanth secured 71% marks
4.	Fellowship in Head and Neck Oncosurgery	Sri Devaraj Urs Academy of Higher Education and Research, Kolar	Dr. Abhishek

Achievements/Honours/Awards/Fellowships -

a) Faculty

Sl No	Award/Honour/Fellowship	Awarded by	Awarded to
1.	Fellow American College of Surgeons (FACS) - Oct 2018	American College of Surgeons	Dr. S M Azeem Mohiyuddin
2.	Nominated as a member of executive committee	Foundation for Head and Neck Oncology, India	Dr. S M Azeem Mohiyuddin
3.	Fellowship in Head and Neck Oncosurgery	Sri Devaraj Urs Academy of Higher Education and Research, Kolar	Dr. Sumanth secured 71% marks
4.	Fellowship in Head and Neck Oncosurgery	Sri Devaraj Urs Academy of Higher Education and Research, Kolar	Dr. Abhishek
5.	DNB in Otorhinolaryngology	National Board of Examinations (NBE), India	Dr Shreeharsha Maruvala
6.	Fellowship in Advanced Endoscopic Sinus surgery and Endoscopic skull base surgery	Royal Pearl Hospital, Trichy	Dr. Abhilasha Karunasagar
7.	MCI Advanced course in Medical education - at MCI nodal center for faculty Development	MCI	Dr. Kouser Mohammadi

- The Department started Fellowship in Oral Oncosurgery for Maxillo-facial surgeons in addition to ongoing Fellowship program in Head and Neck Oncosurgery for ENT and general surgeons
- World Cancer Day (3rd Feb) and World deafness day (29th Sept) were observed for awareness and free screening

(b) Post-graduate Achievements:

Sl No	Award/Honour/Fellowship	Awarded by	Awarded to
1.	1 st Prize in Paper Presentation“- A Revisit to high jugular bulb”	Midterm Association of Otolaryngologists of India conference June 2018	Dr. Induvarsha
2.	2 nd place in OSCE (for Post graduates and Fellows in Head and Neck Surgery)	AHEAD – a National level CME at Amrita Institute of Medical Sciences, Kochi	Dr Brindha H. S

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

Thrust areas:

- Maxillofacial trauma
- Periodontal Medicine
- Implant dentistry and Oral and maxillofacial prosthetics
- Esthetic Dentistry

Introduction:

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

Teaching Faculty



Staff names from L to R: Dr Deepa C,
Dr Harshitha.K. R, Dr Deepika. Kenkere, Dr Mallika Reddy, Dr Srinath.K.S

Teaching Faculty :

Sl. No	Name	Designation
1.	Dr. Deepika. Kenkere	Prof & HoD
2.	Dr Mallika Reddy	Associate professor
3.	Dr. Deepa.C	Reader/ Associate professor
4.	Dr. Harshitha.K.R	Associate professor
5.	Dr. Srinath.K.S	Tutor

Details of programmes attended by faculty (only those held outside own University/College):

Sl. No	Workshops/Conferences Attended	Name of the faculty who attended
1.	Adin seminar conducted on 5 th May 2018 by Adin Dental System LTD., Bangalore.	Dr Deepa C
2.	“Comprehensive Surgical and Prosthetic aspects in Implantology” during Dentist Convention – 2018, at VSDC, Bangalore.	Dr Deepa C
3.	C.S.E.P on 24 th & 25 th Nov 2018 at PESIMR Kuppam	Dr Deepika Kenkere

Details of Research projects
a) On going :

Sl. No	Title of the research project	Principal investigator & department
1	Evaluation of topical hemostatic property of sphaatika bhasma in patients on antiplatelet therapy, undergoing dental extraction.	Dr.Harshitha.K.R Dr. Patil.D.B Dr.Patil.N.J Dr.Deepika.K
2.	Association of emergence time of first deciduous tooth with anthropometric measurement among infants:	Dr Deepa C Dr Sudha Reddy

Publications:

a) Published:

Sl. No.	Title of article	Type of Article	Name of Journal	Authors
1	A Proficient singlet oxygen quenching carotenoid and Periodontal Disease	Review article	International Journal of Oral Health Dentistry. 2019; 5 (1): 1-6.	Deepa C, Archana R Naik, Gayathri Somashekar

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

a) Faculty:

Sl.No	Details of the Honor/Award/Fellowship	Awarded by (e.g. University/ Association etc.)	Awarded to (Name of the Individual)
1.	Fellowship in Aesthetic Dentistry	ILAMED, New Delhi	Dr Deepa C

University Department Of Medical Education

Vision:

To be a Centre of Excellence that offers faculty development programs to nurture the medical educators and empower them with the latest skills in medical education technology

Objectives

- To sensitize faculty towards competency based medical education and AETCOM
- To train the faculty in designing curriculum
- To train faculty in teaching, learning and assessment methodologies
- To orient post-graduate students towards teaching methodology and research
- To orient interns towards communication skills and professional ethics

Introduction:

UDOME has the vision to develop into a hub of educational research to generate evidence by scholarly activities. With Ph.D programs being offered to further advance in health profession educations, the centre aims at being the facility center for all training activities that will empower faculty in reaching greater heights.



Workshop on Microteaching for PGs
(MD/MS) 2017-18 batch, on 18-05-2018



Orientation course for fresh entrants to MBBS course (2018 -19) on 03-09-2018



Orientation Course for Interns 08 -03-2019



Orientation course for II MBBS students (2017-18 batch) on 10-10-2018



National Education Day Programme on 12-11-2018



**“Implementation of Competency Based Medical Education (CBME)”
on 16th and 17th August 2018 at UDOME.**

The resources person Dr. Mahalakshmi V N, MS, Mch, Professor (Paediatric Surgery), Mahatma Gandhi Medical College, Research Institute, Puducherry with her team.

Thrust areas:

- Technology in MPE Performance Based
- Assessments



Sitting L to R : Dr. Muninarayana C, Dr. P.N. Sreeramulu,
Dr. Pradeep Kumar G, Dr. K N V Prasad, Dr. Lakshmaiah V

Standing L to R: Dr. Sudha Reddy.V R, Dr. Sarala N,
Dr. Prasanna Kamath B T, Dr. Geetha S and Dr. Vinutha Shankar M S

a) Teaching Faculty Details :

Sl. No	Name Of The Faculty	Department	Designation
1	Dr. P.N.Sreeramulu	Principal, SDUMC and Professor of Surgery	Chairman
2	Dr. Vinutha Shankar M S	Professor and HoD of Physiology	Director
3	Dr. K N V Prasad	Professor of Pediatrics	Co-convener
4	Dr. N Sarala	Professor of Pharmacology	Member
5	Dr. V Lakshmaiah	Professor of Medicine	Member
6	Dr. C Muninarayana	Professor of Community Medicine	Member
7	Dr. Suresh T N	Professor of Pathology	Member
8	Dr. M Mohan Reddy	Professor and HoD of Psychiatry	Member
9	Dr. Prasanna Kamath B T	Professor & HoD of Community Medicine	Member
10	Dr. Sudha Reddy V R	Professor & HoD of Pediatrics	Member
11	Dr. Geetha S	Associate Professor of Physiology	Member

Details of programmes conducted:

a. Workshop Conducted: 06

Sl. No	Date(s)	Nature and theme of the program
1	3 rd Sep 2018	Orientation Course for Fresh Entrants I MBBS Course (2018 - 19 batch) :The resources persons from various departments of SDUMC and SDUAHER covered the program and taught the importance of learning skills and communication , how to make use of a lecture and to read medical literature effectively. UGs attended: 134
2	10 th Oct 2018	Orientation course for II MBBS students (2017 -18 batch). The participants were taught how to take care of the patients and take a detailed history during clinical examination in local language. UGs attended: 138
3	8 th Mar 2018	Orientation Course for new Interns (March 2019 Batch) Interns attended the course - 72
4	18 th May 2018	Workshop on Microteaching for PGs (MD/MS) 2017 -18 batch : The postgraduates were taught the merits and demerits of oral communication, advantages and limitations of different teaching learning media. PGs attended : 41

5	16-17 Aug 2018	Workshop on “Implementation of Competency Based Medical Education (CBME)” According to MCI it states the guidelines for the UG and PG training which details the Goal, Roles and Competencies required to be achieved at the end of UG and PG medical courses.
6	12 Nov 2018	Guest Lecture titled “History of Evolution of Medicine - Global Perspective” on the National Education Day which marks the Birth Anniversary of Bharat Rathna Maulana Abu l Kalam Azad, by - Dr. P. Mohan Rao, MD. (Gen. Medicine), F.I.S.E., F.I.C.C., Executive Director, M.V.J. Medical College & Research Hospital, Hoskote, Bangalore

Details of programmes attended by faculty (only those held outside own University/College):

Conference Attended:

Sl.No.	Date(s)	Nature and theme of the program	Name of the Faculty attended
1	10-16 Jun 2018	Participated in the First on-site session at PSG Institute of Medical Sciences & Research, Coimbatore, India (FAIMER) 1. E-learning using Google classroom for medical education for undergraduates in Pathology	Dr. Swaroop Raj B V, Assoc. Professor of Pathology
2	15- 16 Jun 2018	Participated in the First on-site session at PSG Institute of Medical Sciences & Research, Coimbatore, India (FAIMER) 1. Integrated case based learning for medical laboratory sciences Trainees: An Institutional study	Dr. Subhashis Das Professor of Pathology
3	15 th Nov 2018	NCHPE- 18 Pre Conference Workshop titled- 1. Workshop on Skills in CBME At Medical Education Unit, NKP salve Institute of Medical Sciences & Research & Latha Mangeshwar Hospital, Nagpur	Dr. KNV Prasad, Professor of Pediatrics
4	15 th Nov 2018	NCHPE- 18 Pre Conference Workshop title: 1. Portfolio: for Learning and Assessment Experimental Learning: Transforming theory into practice	Dr. Suresh T N, Professor of Pathology
5	15 th Nov 2018	NCHPE- 18 Pre Conference Workshop titles: 1. Different strokes for different folks: a training of trainers (TOT) on Implementing leadership programme in your Institute 2. Refocusing basic sciences in clinical teaching at Medical Education Unit, NKP salve Institute of Medical Sciences & Research & Latha Mangeshwar Hospital,	Dr. Geetha S, Associate Professor of Physiology

Workshops Attended:

Sl.No.	Date(s)	Nature and theme of the program	Name of the Faculty attended
1	4 th – 7 th Apr 2018	Participated in the 1 st Contact session of “MCI Advance Course in Medical Education” MCI Nodal Centre for Faculty Development, St. John’s Medical College, Bangalore	Dr. Kouser Mohammadi, Assistant Professor of ENT
2	4 th -11 th -18 th -25 th Sep 2018 & 25 th Aug 2018 every Tuesday	Attended Online program and offsite Blended Program –“FAIMER Capacity Building Program “Leadership and Management”	Dr. Vinutha Shankar M S, Prof & HoD of Physiology
3	22- 26 Sep 2018	Participated in the 1 st Contact session of “MCI Advance Course in Medical Education” MCI Nodal Centre for Faculty Development, St. John’s Medical College, Bangalore	Dr. Divya C, Associate Professor of Anatomy
4	26- 28 Sep 2018	Participated in the 2 nd Contact session of “MCI Advance Course in Medical Education” St. John’s Medical College, Bangalore	Dr. Kouser Mohammadi, Assistant Professor of ENT
5	04-09 Feb 2019	Participated in the 80 th National Course on Educational Sciences for Teachers of Health Professionals at JIPMER, Puducherry	Dr. Ramesh Kumar, Prof. & HoD of Physiotherapy
6	20-22 Feb 2019	Participated in the Curriculum Implementation Support Program (CISP) MCI Nodal Centre, St. John’s Medical College, Bangalore	Dr. Vinutha Shankar M S, Prof. & HoD, Physiology
7	12-14 Mar 2019	Participated in the Curriculum Implementation Support Program (CISP) MCI Nodal Centre for Faculty Development, St. John’s Medical College, Bangalore	Dr. Sarala N, Professor of Pharmacology

Details of Oral / Poster presentation by faculty (only those held outside own University/College) :

Details of Poster presentation

Poster presentation	Title	Event	Name of the faculty concerned
Perception of the participants of a Physiology CME	Effectiveness of the use of tests of cognition in retaining their attention during the programme – A report	(NCHPE-18) 10th National Conference on Health Professionals Education & 2 nd MUHS State Level Health Science Educational Technology Research Conference 2018 -19 at MEU, NKP salve Institute of Medical Sciences & Research & Latha Mangeshwar Hospital Nagpur from 15 th - 17 th Nov. 2018	Dr. Geetha S, Assoc. Professor, Physiology

Details of Research projects

Ongoing Projects: 09

Sl No.	Title of the Research Projects	Principal Investigator	
1	Is computer assisted learning superior to the conventional methods in understanding the principles of blood grouping?	Dr. Geetha S	Physiology
2	Mind mapping as learning tool in anatomy for undergraduates	Dr. Vinay Kulkarni	Anatomy
3	A comparative study on I st MBBS students performance in Multiple Choice Questions and by conventional methods	Mrs. Krishnaveni C	Anatomy
4	Effectiveness of OHP transparent sheet overlay technique as Teaching Learning Media in Anatomy	Dr. Venkateshu K V	Anatomy
5	Introducing Problem Based Learning in Anatomy for first year MBBS students	Dr. Divya C	Anatomy
6	Integrated case based learning for medical laboratory sciences trainees: An Institutional study	Dr. Subhashish Das	Pathology
7	E-learning using Google classroom for medical education for undergraduates in pathology	Dr. Swaroop Raj BV	Pathology
8	Is debate an effective teaching – learning strategy?	Dr. Kouser Mohammadi	ENT
9	Effectiveness of flipped class method of teaching compared to traditional teaching among medical students	Dr. Divya C	Anatomy

**Publications:
Published:**

Sl.No.	Title of the paper	Author(s)	Journal
1	"Mini-clinical evaluation exercise (mini CEX) as a learning and assessment tool: Residents' and faculty's perceptions"	Sudha Reddy V R, KNV Prasad, Krishnappa J 2018; 8 (3): 93 - 98	J Clin Biomed Sci

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

a) Faculty:

b) As Resource Persons :

Sl. No.	Date(s)	Nature and theme of the program	Name of the Faculty attended
1	1 Apr 2018	Adjunct Faculty in the Department of Medical Education at St. John's Medical College (MCI Nodal Centre for Faculty Development) Bangalore.	Dr. Vinutha Shankar M S, Professor of Physiology
2	12-15 Jun 2018	As Faculty the Session 1 of the Fellowship program of "PSG -FAIMER Regional Institute, Coimbatore	Dr. Vinutha Shankar M S, Professor of Physiology
3	9-11 Oct 2018	ASCLEPIUS - 2018 Participated as Resource Faculty in National Undergraduate Medical Conference, JSS Medical College, Mysuru	Dr. Vinutha Shankar M S, Professor & HoD of Physiology
4	09-10 Nov 2018	Participated as a Resource Person in two days Faculty Development Program organized by Prashanti Kutirum, Swamy Vivekanda Yoga Anusandhana Samasthana (S-VYASA) Jigani, Bengaluru	Dr. Vinutha Shankar M S, Prof. & HoD of Physiology, Dr. S R Prasad, Professor of Microbiology, Dr. K N V Prasad, Professor & HoD of Pediatrics Dr. T N Suresh, Professor of Pathology
5	15 Nov 2018	As Faculty in the Pre-Conference Workshop titled student Engagement : Within and beyond classroom in the 10 th National Conference on Health Professionals Education & 2 nd MUHS State Level Health Science Educational Technology Research Conference 2018 -19 Medical Education Unit, NKP salve Institute of Medical Sciences & Research & Latha Mangeshwar Hospital, Nagpur	Dr. Vinutha Shankar M S, Prof. & HoD of Physiology

6	16-18 Nov 2018	Participated as Faculty for Panel discussion on "Evaluation of Residents – Workplace based assessment" at the 3 rd Annual Conference of Pediatric Research and Education Society of India. St. John's Medical College, Bangalore	Dr. K N V Prasad, Prof. & HoD of Pediatrics
7	13 Dec 2018	As Resource Faculty – in Workshop on Competency Based Medical Education (CBME) Centre for Continuous & life –long Learning for Professional Excellence (CCLPE) Medical Education Unit, JSS Medical College, Mysuru	Dr. Sarala. N, Professor of Pharmacology
8	17 Dec 2018	As Resource Person for The Workshop on "Blueprinting To Enhance content validity of assessments", Yenepoya Medical College, Mangalore.	Dr. Vinutha Shankar M S, Prof. & HoD of Physiology

Research And Development

Vision:

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

Introduction:

As the Sri Devaraj Urs Academy of Higher Education and Research, a Deemed to be a University, came into being in 2007, there was a felt need to strengthen research activities to meet and sustain the concept of university status and also to contribute societal health care needs with a larger scope.

It is believed that these could be achieved by a way of generating new ideas and knowledge. To meet this requirement, the Research and Development (R&D) Section was established in the year 2008. This section is entrusted with the role of coordinating all the research related activities of the Academy.

Objective of R&D Section is to identify and motivate Faculty, Students and stake holders of our Academy to engage in research and publish the findings in quality, Indexed, National and International journals with High Impact factors. In order to create a conducive ambience for research R&D section conducts various scientific programs viz. Research Methodology Workshop, Workshop on Intellectual Property Rights, Good Clinical Practice, Research Grants Writing and Publications for Faculty and other stake holders like, students, Ph.D scholars and Junior Research Fellows.

To decide and derive policies and protocols of R&D section, it has constituted committees which hold meetings as per the

Calendar of events of Academy and the resolutions made in the meetings have been set as quality indicator and bench mark of R&D Section.

The Committees constituted has a mix of Internal and external members who has excelled and contributed to the scientific world in their thrust areas viz. Institutional Research committee, University Research advisory board Committee, Publication Board of the University, Central Ethics Committee and Research & Development Core Committee

The university has Central Ethics Committee as per the Drugs and Cosmetics rules-1945, registered with Drug Controller General of India Registration (No. ECR/425/Inst/KA/2013/RR-16 issued under rule 122DD) Dated: 27.03.2017.

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

Research & Development Core Committee		
SL. NO.	Name & Designation	
1.	Dr.KN Shashidhar Professor of Biochemistry SDUMC Co-ordinator, R&D SDUAHER, Kolar.	Chairman
2.	Dr. Mohan Kumar H Professor, Dept. of Ophthalmology, SDUMC, Kolar	Member
3.	Dr. Aravind Natarajan Additional Professor Dept. of Microbiology SDUMC, Kolar	Member
4.	Dr. Ashwini NS Assoc. Professor Dept. of Anatomy SDUMC, Kolar	Member
5.	Dr. Munilakshmi U Lecturer Dept. of Biochemistry SDUMC, Kolar	Member
6.	Dr. Geetha S Asst. Professor Dept. of Pathology SDUMC, Kolar	Member
7.	Dr. Bindhumadhavi R Asst. Professor Dept. of Microbiology SDUMC, Kolar	Member
8.	Dr. Sharath B. Ph.D Assistant Professor Dept. of Cellular Biology & Molecular Genetics SDUAHER, Kolar	Member secretary

Details of Programs Conducted

Sl. no	Date	Workshop conducted	Resource Persons
1	21-09-2018 & 22-09-2018	<ul style="list-style-type: none"> 9th Research Methodology Workshop on 21st and 22nd of September 2018. 29 Teaching staff attended the workshop 	Dr.CV Raghuveer, Hon. Vice Chancellor, SDUAHER Dr. K.N Shashidhar Professor of Biochemistry & Co-Ordinator R&D Dr. Sarala N Professor of Pharmacology & Director Academics Dr. TN Suresh Professor of Pathology Dr. Jagadhamba A Assoc. Professor of Physiology Dr. Prasanna Kamath B.T Prof. & HOD Comm. Medicine Dr. Muninarayana C Professor of Com. Medicine Mr. Ravishankar S Asst. Professor of Com. Medicine. Dr. Mahendra M Asst. Professor of Comm. Medicine Dr. KNV Prasad, Prof. & HOD of Paediatrics.

9th Research Methodology Workshop

Ongoing SDUAHER Funded & Approved Research Projects - 2018-2019

Sl. No	Title of the project	Investigators Detail
1.	Neurobiological and neurochemical assessment of behavior and cognitive changes in sleep deprived rats and effect of sleep recovery.	Mr. Konakanchi Suresh Tutor Dept. of Physiology
2.	Effect Of Moringa Oleifera (MO) Leaves On Hematological Profile And Histomorphology Of Liver,Spleen And Kidneys Offlourousis Affected Rats.	Miss .P. Pravallika Tutor Department of Physiology
3.	An Innovative Nutrition Education Intervention To Improve Nutrition Knowledge In School Children- KOLAR NUTRITION EDUCATION INTERVENTION PROGRAMME (KNEIP)	Dr. Madhavi Reddy, Professor and I/C HOD Department of Clinical Nutrition and Dietetics
4.	Rapid detection of pathogenic bacterial and fungal bloodstream infections and their antimicrobial resistance in hospital Intensive care unit settings using Nanopore sequencing	Dr. Arvind Natarajan Associate Professor Dept. of Microbiology
5.	Correlation between Vasculogenic Mimicry and Epithelial Mesenchymal transition in infiltrating ductal carcinoma of breast.	Dr.Hemalatha A Associate professor Dept. of Pathology
6.	A study of histopathological changes in all vital organs in cases who consume agricultural poisons – A Post-mortem study from R L Jalappa mortuary	Dr. Srinivasa Reddy P Professor and HOD Dept. of Forensic Medicine
7.	Effect of enriched environment on memory and learning in streptozotocin induced type 1diabetic rats.	Dr. Geetha S Assistant Professor Dept. of Physiology

Details of Research projects

a) Project submitted for approval:

Sl. No	Title of the research project	Principal Investigator
1.	"Study of correlation between diabetic pulmonopathy and HbA1c with pulmonary function test" Scientifically Approved	Dr. Srinivas SV Associate Professor General Medicine
2.	"Comparison of Clinical, MRI And Arthroscopic Findings In Internal Derangement of Knee" Scientifically Approved	Dr. Eswara Reddy G Assistant Professor, Dept. of Orthopedics
3.	"Study of novel markers 5 - Oxoproline in patients with acute heart failure" Scientifically Approved	Dr. Prabakar K Professor Medicine
4.	"Study of Genetic predisposition in young Myocardial Infarction patients at a Rural tertiary care Centre in south India" Scientifically Approved	Dr. Anitha A Asst. Professor Medicine
5.	"Simarouba seed extract act on peripheral blood Mononuclear cells (PBMS)" Scientifically Approved	Dr. Patil Dhanashri Asst. Professor Integrative Medicine
6.	"Association of Genetic markers such as BRAF V600E, TERT promoters and p53 mutations with clinical and histopathological findings in thyroid carcinoma" Scientifically Approved	Dr. Swaroop Raj BV Associate Professor Pathology
7.	"Altered expression of key players of Vitamin D Metabolism and Signaling in malignant thyroid tumors and benign thyroid lesions" Scientifically Approved	Dr. Supreetha MS Assistant Professor Pathology
8.	"Simarouba seed extract its role in modulation of oral carcinoma cells" Scientifically Approved	Dr. Patil NJ Associate Professor Integrative Medicine
9.	"Estimation of time since death from nuclei changes of bone marrow cells" Scientifically Approved	Dr. Abhinandhana R Assistant Professor Forensic Medicine
10.	"Diagnostic accuracy of culture, Enzyme - linked immunosorbent assay and polymerase chain reaction in the detection of <i>Mycoplasma Pneumonia</i> among children clinically diagnosed with pneumonia in and around Kolar" Scientifically Approved	Dr. Bharathi R Assistant Professor Microbiology

1.	"Expression of programmed death Lig and- 1 invasive ductal carcinoma of breast and its association with clinicopathological parameters- A cross sectional study" Scientifically Approved	Dr. Shilpa M D Assistant Professor Pathology
2.	"Evaluation of epithelial mesenchymal transition marker and hormonal markers expression and its correlation with prognostic markers in carcinoma breast" Scientifically Approved	Dr. R Yashashwini Assistant Professor Pathology
3.	"Study of Her2/neu expression in Papillary thyroid carcinoma and its relationship with the clinic pathological prognostic factors of the patients" Scientifically Approved	Dr. Geetha S Assistant Professor Dept. of Pathology
4.	"Efficacy of therapeutic aquatics over therapeutic exercise on balance & physical performance on diabetic neuropathy subjects" Scientifically Approved	Dr. Sarulatha Professor Physiotherapy

Publications: (April 2018-March 2019)

Sl. No	Title of the paper (as per Vancouver Style)	Author(s) (as per Vancouver Style)	Journal (as per official abbreviation)
1.	Xylene/Chloroform Free Microwave Tissue Processing and Staining a Non-hazardous and Time Effective Alternative.	Swaroop Raj, Divya C, Harendra Kumar.	Clinical & Experimental Pathology. 2018;8(2):1-5
2.	Image analysis and image classifier using neural network with machine learning to perform differential leucocyte count.	Swaroop raj B V, Divya C, Smitha B.V.	Indiasjournal of pathology research and practice. 2018;7(2):772-775
3.	Comparison of estrogen receptor, progesterone receptor and Ki-67 immunohistochemistry scoring using manual method and image analysis in breast carcinoma cases. (Original Article)	Swaroop raj B V, Harendhra Kumar.	International Journal of Pathology. 2018;6(1):17-19
4.	Liquid dish wash solution – can it be an alternative in future for the expensive and hazardous xylene in hematoxylin and eosin staining of paraffin sections. (Original Article)	Swaroop Raj B V, Divya C, Harendra Kumar	Tropical Journal of Pathology and Microbiology. 2018;4(2):139-143

Comparative study of intralesional BCG and PPD in the treatment of multiple cutaneous warts. (Original Article)	Rajashekar T.S, Amulya R, Sathish Suresh Kumar.	Indian Journal of Clinical and Experimental Dermatology. 2018;4(1):1-6
Primary Squamous Cell Carcinoma of Renal Pelvis Associated with Staghorn Calculi Masquerading as Xanthogranulomatous Pyelonephrit. (Case Report)	Shilpa M.D, Kalyani R, Manjunath G.N	National Journal of Laboratory Medicine. 2018 ;7(3):4-6
Correlative Study of Hyaluronic Acid and YKL-40 with Conventional Markers for Cirrhosis of Liver.	Sumanth K N, Shashidhar K.N, Lakshmaiah V, Muninarayana C.	HSOA Journal of gastroenterology and hepatology research. 2018;3(1):2-6
Evolution of proteomic biomarker for chronic liver disease Promise into reality (Review Article)	Sumanth KN, Shashidhar K.N, Lakshmaiah V, Muninarayana C.	Journal of circulating biomarkers. 2018;7;1-9
HbA1C as a Predictor of Left Ventricular Diastolic Dysfunction (LVDD) in Type 2 Diabetic Patients	Srinivasa S.V, Modugula S. Naga Swetha, Abhishek Kumar Verma, Prabhakar K.	International Journal of Internal Medicine 2018; 7(1): 4-7
Haemangioma of Cervix - A Case Report (Case Report)	Manan B Shah, Kalyani Raju.	Journal of Clinical and Diagnostic Research, 2018;12(10):04-05
Atrial fibrillation associated genetic variation near PITX2 gene increases the risk of preeclampsia	Usha Rani, Praveen Kumar, Munikrishna M, Deepa Rajesh,	Pregnancu hypertension. 2018;13:214-217

Urinary congophilia in preeclampsia: Experience from a rural tertiary-care hospital in India.	Nagarajappa C, Rangappa SS, Suryanarayana R, Balakrishna S.	Pregnancu hypertension. 2018;13:83-86
Outcome of compartment resection of locally advanced oral cancers extending to infratemporal fossa: a tertiary rural hospital experience.	Mohiyuddin SMA, Harsha P, Maruvala S, Sumanth KR, Suresh TN, Manjunath GN, Sagayaraj A, Mohammadi K, Babu AP, Deo RP.	European archive of Oto-Rhno- Larynglogy. 2018 DOI: 10.1007/s00405 018-5124-
Evaluation of Mucociliary Activity in Maxillary Antra in Patients with Squamous Cell Carcinoma of Buccal Mucosa Undergoing Post Operative Radiotherapy.	Abhimanyu Kadapathri, SM Azeem Mohiyuddin.	Indian Journal of Otolaryngology and Head & Neck Surgery 2018;
A Review on Association of Air Pollution and Biomass Fumes on Respiratory System (Review Article)	Pravallika pagadala, Sharvani nerella, Nandini chandrashekhar Murikipudi ramesh babu.	Journal of Clinical and Diagnostic Research, 2018;:1-12(10):01-04.
Clinical evaluation of addig fentanyl versus dexmedetomidine to intrathecal isobaric levobupivacaine on spinal block charecteristics in patients scheduled for lower abdominal surgeries.	Threja CK, Ravi M, Dinesh K, Nikila Devrayasamudram	Indian Journal of Anesthesia and analgesia. 2018;5(9):1557-1563
Comparative study of intrathecal bupivacaine 0.5% with midazolam 2mg and bupivacaine 0.5% with clonidine 50mg for postoperative analgesia in infra- umbilical surgeries	Kiran N, Nikila D, Ravi M, Dinesh K.	Indian Journal of Anesthesia and analgesia. 2018;5(8):1401-1406 Anaesthesiology
Prescription audit at a tertiary care teaching hospital (Research Article)	Smitha Rai, Bhuvana K, Sowmya C, Sahana H V, Mohammed	National Journal of Physiology, Pharmacy and Pharmacology.

A comparative study of maternal outcomes between vacuum extraction and outlet forceps delivery.	Shilpi, Munikrishna, Sheela SR.	Journal of south Asian federation of Obstetrics and Gynecology. 2018;
Septate uterus: incidental finding in multiparous woman with breech with bad obstetric history who had an emergency caesarean	Shilpi, Sheela SR, Sreeramulu.	Journal of south Asian federation of Obstetrics and Gynecology. 2018;7(6):
Septate uterus: incidental finding in multiparous woman with breech with bad obstetric history who had an emergency caesarean	Shilpi, Sheela SR, Sreeramulu.	Journal of south Asian federation of Obstetrics and Gynecology. 2018;7(6):
Septate uterus: incidental finding in multiparous woman with breech with bad obstetric history who had an emergency caesarean	Shilpi, Sheela SR, Sreeramulu.	Journal of south Asian federation of Obstetrics and Gynecology. 2018;7(6):
Study of various nuclear features of papillary thyroid carcinoma in other thyroid lesions.	Manjula K, Prasad CSBR, Harendrakumar ML.	Journal of Diagnostic Pathology and Oncology, July-September, 2018; 3(3):141-144.
Clinicopathological Study of Primary Epithelial Malignant Tumours of Thyroid Gland in a Tertiary Care Centre, Kolar.	Pradeep MV, Manjula K, Prasad CSBR.	Indian Journal of Pathology: Research and Practice 2018; Vol 7(6): Pages 792-796.
trabeculectomy and trabecular aspiration to treat pseudoexfoliation glaucoma: A randomised control trial.	Usha BR, Kanthamani, Meghana Reddy C	Ophthalmology and allied health science. 2018;4(2):144-147
A Randomized Trial Comparing Effect of Yoga and Exercises on Quality of Life in among nursing population with Chronic Low Back Pain.	Nitin J Patil, R Nagaratna, Padmini Tekur, PV Manohar, Hemant Bhargav, Dhanashri Patil.	International journal of yoga. 2018;11(3):208-214
Evaluation of Microscopy, Culture and PCR Assay in the Diagnosis of Extrapulmonary Tuberculosis.	Sagar Mali, P.M. Beena, N. Arvind,	Journal of Pure and Applied Microbiology, 2018;12(2):871-877

Study Of Serum Mean Platelet Volume In Ischaemic Stroke Patients.	Maharaj L. S. Y. M. Lakshmaiah V, Prabhakar K.	Journal of Evidence Based Medicine and Healthcare. 5(48):
Neutrophil Gelatinase Associated Lipocalin (NGAL), an Early Marker for Urinary Tract Infection and Acute Kidney Injury.	U. Munilakshmi , K.N. Shashidhar , C. Muninarayana, Madhavi Reddy V. Lakshmaiah	Asian Journal of Biochemistry. 2018;13(1):15-21
Auditory function and quality of life in patients receiving cisplatin chemotherapy in head and neck cancer: A case series follow-up study.	Kalyanam B,N Sarala,Azeem Mohiyuddin SM,Diwakar R.	Journal of Cancer Research and Therapeutics, 2018; 14:1099-104.
Study of serum homocystein levels in preeclampsia and its maternal and fetal outcome .	Nagajyothi S, Sheela SR, Shashidhar K.N.	Indian Journal of Obstetrics and Gynecology.2018; 6(3):251-262.
The Impact Of Routine Open Non-Suction Drainage On Fluid Accumulation After Thyroid Surgery: A Prospective Randomized Clinical Trial.	Sreeramulu P. N, Krishna Prasad K, Balakrishna T. V, Karthik Hareen T. V. K.	European Journal of Biomedical and Pharmaceutical sciences.2018; 5(2):481-485.
Diathermy versus scalpel incisions in elective abdominal surgery: a comparative study.	Vikranth S. Nandurkar, Mohan Kumar K,Prakash M., Suma S.	International Surgery Journal. 2018;5(9): 3124 - 3128.
An Unusual Case of Pre -Auricular Myiasis.	Abhinaya Shivakumar, Dinesh Kumar Sathanantham.	American Journal of Otolaryngology and Head and Neck Surgery.2018;1(3):1-2.
Diagnostic dilemma in skin adnexa malignancy: a rare case report with review of literature.	Shashirekha C A, Krishnaprasad,Sandeep Reddy, Sreeramulu P, Pramod T, Ravi Kiran, Deepthi R.	International Surgery Journal.2018; 5(5):1956-1958.
Trends in trauma care before and after the introduction of 'Mukhyamantri Santwana Harish Scheme' in a tertiary care hospital at Kolar.	Vikas Sankar Kottareddygar, Vishwas S, Praveen G. P, Amal Abraham, Sreeramulu P. N.	International Journal of Community Medicine and Public Health.2018; 5(5):2072-2075.

N.Anastomosis of radial artery - a case report and review of literature.	Vikranth S. N, Karthik Hareen T. V. K, Spurthi S, Sreeramulu P.	European Journal of Biomedical and Pharmaceutical Sciences.2018;5(2): 490-491.
Glomus Tumor of Left Ring Finger. A Case Report and Review of Literature.	Vikranth S.N, Spurthi Sanganooina, Karthik Hareen, Sreeramulu P.N.	IOSR Journal of Dental and Medical Sciences (IOSR - JDMS).2018;17(1):39-41.
Legal and ethical dilemma in treating trauma patients.	Srinivasan D, Sreeramulu P. N, Prakash Dave, Dinesh Kumar Sathanantha.	International Surgery Journal.2018; 5(9):3146- 3149.
Angry young man syndrome: anger based dominant hand injuries.	Deepak Hongaiah, Dinesh Kumar, Spurthi Sanganbhoonia.	International Surgery Journal.2018; 5(12):3986 - 3989.
Stapled hemorrhoidectomy Vs conventional hemorrhoidectomy Surgical outcome in Indian population.	M B Satish Kumar.	MedPulse International Journal of Surgery.2018;7(2):50-53.
Revisiting Prostate Biopsy with 2014 ISUP Modified Gleason Score and Gleason Grade — A Cross Section Study.	Manan B Shah, Kalyani Raju, Harish Kumar G.	Biomedical Research and Therapy.2018;5(12):2918- 2925.
Outcome of early vs delayed laparoscopic cholecystectomy in patients with acute Cholecystitis.	M B Satish Kumar.	MedPulse International Journal of Surgery.2018;7(2):55-58.
Small Bowel Obstruction Secondary to Femoral Hernia: Case Report and Review of the Literature.	Dharmendra Kumar, Mohan Kumar K, Prakash M, Spurthi.	Journal of Medical Science and Clinical Research.2018; 6(12):746-748.
Sirtuin 1: serendipitous and enigmatic molecule.	Sai Deepika Ram, Shashidhar K.N.	International journal of current medical and pharmaceutical research.2018; 4(10):3719- 836

Gender specific utility of lipid ratios and its correlation with systemic inflammation in acute myocardial infarction (AMI) patients mellitus – A hospital based study.	Susanna TY, Munilakshmi U, Shashidhar KN, Lakshmaiah V.	International journal of clinical biochemistry and research.2018; 5(4):588-593.
Performance of Chemiluminiscence Assay using Reverse Algorithm for Syphilis Screening in Blood Donors.	Mamata Kale, Subhashish Das, Mahesh Venkatesha, Beena PM,	Journal of Pure and Applied Microbiology.2018;12(4):2253-2257.
Diabetic Retinopathy changes and its awareness among patients attending diabetic eye camps in Kolar district.	Reshma R, Kanthamani K, Minunarayana C, Rashmi G	International Journal of Scientific Research.2018; 7(12): 28-30.
Nicotinic acetylcholine receptor gene polymorphism is not associated with tobacco related oral squamous cell carcinoma.	Rajesh D, Azeem SM, Balakrishna S, Kutty AVM,	Indian Journal of Cancer.2018; 55(4):399-403.
Novel association of oral squamous cell carcinoma with GSTPI Arg187Trp	Deepa R, Sharath B, SM Azeem Mohiyuddin, Ravishankar S, Kutty AVM,	Gene polymorphism. Journal of Cellular Biochemistry.2018; 1 - 7.
Comparative study of intrathecal bupivacaine with 50 and 75 mg clonidine in lower abdominal surgeries.	Nikila Devrayasumdrum Gopal, Threja CK, Anand T Talikote, Dinesh K.	Indian journal of Anesthesiology analgesia.2018; 5(11):1854-1861.
Knowledge attitude practice and barriers toward research among medical students: A cross –sectional questionnaire - based survey.	Srivani Pallaparthi, Asha B.	Perspective in Clinical Research.2019;10(2)
Evaluation of HCP5 and Chemokine C Receptor type 5 Gene Polymorphisms in Indian Psoriasis Patients. Indian	Deepa R, Sudeep N, K S Praveen Kumar, AVM Kutty, Sharath B.	Journal of Dermatology. 2019; 64(3):182-186.

Prevalence of Rotavirus and Adenovirus in the childhood gastroenteritis in a tertiary care teaching hospital.	Arvind N, Sushma M, Krihnappa J.	Journal of Pure and Applied Microbiology.2019; 13(2):1- 5.
Serological prevalence of scrub typhus in rural tertiary care hospital in Kolar, Karnataka. Asian	G Vijay Kumar, P M Beena.	Journal of Microbiology, Biotechnology and Environment Science.2019; 21(1): 102-105.
Unconditional probability of dying and age-specific mortality rate because of major non-communicable disease in India: Time trends from 2001 to 2013.	Mahendra M, Sitanshu Sekhar Kar.	Journal of Postgraduate Medicine. 2019; 65(1): 11- 17.
Dermatology life quality index in patients with persisting and recurrent dermatophytoses.	T.S. Rasjashekar, Shruthi N, Suresh Kumar K, G Shruthi Madhavi.	International Journal of Research in Dermatology.2019; 5(1): 139-143.
. An efficient and cost effective method for purification of small sized DNAs and RNAs from human urine.	Zainabadi K, Vaigundan D, AVM Kutty, Krishnaswamy P	Plos one. 2019; 14(2):1-15.
Novel association of SNP rs479200 in EGLN1 gene with predisposition to preeclampsia.	Praveen Kumar K S, Madhuri A, Munikrishna M ,Sharath B.	1. Gene 705.2019; 1-4.

Urinary protein carbonyl levels and its correlation with protein misfolding in preeclampsia	Chandrakala N, Sheela S R, Ravishankar S, Sharath B .	Indian Journal of cancer.2019; 38(2):124-128.
Induction of Labor and Risk for Emergency Cesarean Section in Women at Term Pregnancy.	Gomathy Ethiraj, Aditi C. Ramachandraa, Sandhya Rajana.	Journal of Clinical Gynecology and Obstetrics.2019;8(1):17-20.
Household 'rain water harvesting' - Who are practicing? Why are they practicing? – A mixed methods study from rural area of Kolar district, South India.	Ramya N, Mahendra M Reddy, Prasanna BT Kamath.	Journal of family Medicine and primary Care.2019; 8(7): 2528-2532.
Analysis of Anti HBs Titres in Health Care Workers of Clinical Laboratory at RL Jalappa Hospital.	Parimala, Anitha D, Beena PM.	Journal of Pure and Applied Microbiology.2019;13(2): 1223-1226.
Incidence of contrast induced nephropathy following contrast enhanced computed tomography.	Nishi Kant, Rachegowda, Anil Kumar, Shivaprasad G, Savagave.	International Journal of Medical science and current research.2019; 2(2):245-256.
A prospective study on role of magnetic resonance imaging in evaluation of carcinoma cervix	Darshan, Anil Kumar Sakelcha, N Rachegowda, Shivprasad G, Savagave.	International Journal of Medical science and current research.2019; 2(2):411-428.
Evaluation of Traumatic Spine by Magnetic Resonance Imaging and Its Correlation with Cliniconeurological Outcome.	Bukke Ravindra Naik, Anil Kumar Sakalecha, ShivaprasadGangadhar Savagav.	Journal of Emergencies Trauma and shock2019; 12(2):101-107.
Significance of Morphometric Evaluation of PreMalignant and Malignant Lesions of Uterine Cervix: A Cross-sectional Analytical Study	Hajra K Mehdi, Kalyani Raju, SR Sheela,	Journal of Clinical and Diagnostic Research. 2019; 13(4):05-07
Cytology-histology correlation of gynaecologic and non -gynaecologic samples at a tertiary health care center: A two-year study.	Kalyani R, Supreetha Megalamane Sunanda, Varsha Shree Rajanna.	Biomedical Research & therapy.2019; 6(4):3096 - 3106.

Pitfalls in fine -needle aspiration cytology diagnosis of ductal carcinoma in a lactating breast.	Hajra K Mehdi, Kalyani Raju, C SBR Prasad,\ Manan B Shah.	International Journal of Applied and Basic Medical Research. 2019;9(2):107-110.
Clinical and Microbiological Profile of Patients with Acute Febrile Illness Attending a Tertiary Care Hospital in South India.	N. Arvind, K Prabhakar, N. Savitha, Mahendra M.	Journal of pure and applied microbiology. 2019; 12(2):757-763.
Cirrhosis of liver: Interference of serpins in quantification of SERPINA4 – A preliminary study.	Shashidhar KN, Lakshmaih V, Muninarayana C, Krishna Sumant Nallagangula.	Biomarkers & Applications.2019; 4(1):1-6.
Video-assisted teaching versus traditional didactic lecture in undergraduate psychiatry teaching.	Mona Nongmeikapam Sarala Mohan Reddy S Ravishankar	Indian Journal of Psychiatry.2019; 61(4):376- 379.
Influence of Smart Phone Addiction on Depression and Aggression in Medical Students.	Shobha MV, Jagadamba Aswathappa, Hima Varshini.	International Journal of Physiology.2019; 7(2):23-29
Feeding Behaviors and its Association with Stress: A Review	Pravallika Pagada, Vinutha Shanakar, Karthiyanee kutty.	Journal of Clinical and Diagnostic Research.2019; 13(3):1-5.
Effect of smartphone Addiction on Motor Efficiency in Upper Limb Assessed by Bimanual Coordination in Young Adults.	Jagadamba Aswathappa, Shobha MV, Kedara Harshitha	International Journal of Physiology.2019.
Perception and attitude of health care professional about mentally ill patients.	Saad Khan Mayana, Jayakumar JK, Harish.S.	Indian Journal of Pharmacy and Pharmacology.2019; 6(1).

Sl. No	Title and Chapter of the Book,	Edition and Year of publication	Author Name
1.	P16 Biomarker in Cervical Intraepithelial Lesions and carcinoma: A Review	Publication of Chapter: Top 10 Commentaries in Cervical Cancer: November 26, 2018	Dr. R Kalyani Professor of Pathology CV Raghuveer

9TH RESEARCH METHODOLOGY WORKSHOP



Allied Health and Basic 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 one certificate program under Faculty of Allied Health Sciences on obtaining

Academic and Administrative approval by the Academy.

The Department has total students strength of 365 that consists of 346 students from Under graduate, 10 students from Postgraduate and 9 students from certificate programs. In addition, the Department has a self-Financing Unit (SFU) of NSS, the volunteers also participated in state level NSS programme outside the University.

Thrust areas

- 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

Sl. No	Name	Designation
1	Dr. C. D. Dayanand.	Professor & Head
2	Miss Pravallika	Lecturer in Physiology
3	Mrs Munilakshmi	Lecturer in Biochemistry
4	Mr. T.Suresh	Lecturer in Anatomy
5	Dr Harish	Lecturer in pharmacology
6	Dr Geetha S.	Lecturer in Pathology

**Details of Research projects
Completed:**

Sl. No	Title of the Research Project	Principal Investigator
1.	Screening of bactericidal action of flavonoid components from seed extracts of <i>Pongamia pinnata</i> Linn against Multidrug resistant gram negative bacteria. (SDUAHER/ Res. Proj/ 127/ 2017-18)	I.Mary Shobha Rani

MD/MS Dissertations / Ph.D. thesis (2018-19 batch only)

Sl. No	Topic	Name of the student	Name of the Guide	Name of the Co-guide (if any)
01	Serum Vitamin D levels in term pregnancy	Dr Shilpa	Dr. Munikrishna	Dr C.D.Dayanand
02	Evaluation of Phospholipase A2 and hs-CRP levels in appendicitis patients.	Dr. Suma	Dr. Shri Ramulu	Dr. C.D. Dayanand
03	Determination of Glutathione levels in Cervical cancer patients	Dr. Arpitha	Dr. S.R. Sheela	Dr. C.D. Dayanand
04	Determination of Beta HCG in pre-eclampsia	Dr. Chaarishma	Dr. S.R. Sheela	Dr. C.D. Dayanand
05	Study on evaluation of oxidative stress index placental proteins and their implication on endothelial dysfunction in Pre-eclampsia	Ms. Ranjeeta Gadde	Dr. C.D. Dayanand	Dr. S.R. Sheela

06	Genetic Analysis Of Apoptosis Inhibitor Candidate Gene BIRC5 and its Expressed Protein Level in Patients with Oral Squamous Cell Carcinoma in Rural Population	Dr. Susanna	Dr. C.D. Dayanand	Dr. Sharath B
07	Study of in vitro and in vivo potential of Punica granatum.L on anti-hepatocarcinogenic property	Mrs. Nafeesa	Dr. C.D. Dayanand	

Publications:

Sl. No.	Title of the paper (as per Vancouver style)	Author(s)	Journal
1.	A pilot study on sun protection factor of plant extracts: An observational study	Priyanka S, Mary Shobha Rani I, Nandini HS, Kutty AVM, Kiranmayee P	Asian Journal of Pharmaceutical and Clinical Research. 2018; 11(8).67-71.
2	Flavonoid- An effective inhibitor of <i>Acinetobacter baumannii</i>	Mary Shobha Rani Inala, Kavya D, PM Beena and CD Dayanana	Asian Journal of Microbiology, biotechnology and Environmental science 2018; 20(3), 1064-1069
3.	Maternal Serum biochemical indicators of trophoblastic cell and Endothelial Function at first trimester of pregnancy	Ranjeeta Gadde, Dayanand C.D. , S.R. Sheela	Open journal of Obstetrics and Gynecology, 2018, 8,867-881
3.	Relationship between mean Arterial Pressure, Uric acid and calcium with xanthine oxidase activity and fetal outcome in normotensive and Pre -eclampsia in a nested study	Ranjeeta Gadde, Dayanand C.D. , S.R. Sheela	Open journal of Obstetrics and Gynecology, 2018, 8, 1532-1548
4.	Placental protein 13 and asymmetric dimethyl arginine for early assessment of preeclampsia	Ranjeeta Gadde, Dayanand C.D. , S.R. Sheela	Biomedical Research 2019; 30(2): 319-324
5.	Placental protein 13: An important biological protein in preeclampsia: A review	Ranjeeta Gadde, Dayanand C.D. , S.R. Sheela	Journal of Circulating Biomarkers 2018;7:1-16

Authorship in Books:

Sl. No	Title and Chapter of the Book, as applicable	Edition and Year of publication	Author(s)
01	Flavonoids- A biological Prospective	Recent Advances in Biological research , 2019 (Accepted for Publication)	Mary Shobha Rani Inala CD Dayanand

Department of Cell Biology and Molecular Genetics

Vision:

'Creating Knowledge and Skills in the field of Human Genetics, Cell and Molecular Biology for a Healthy Humanity'

Introduction:

The Department of Cell Biology and Molecular Genetics was established in the year 2013 under the Faculty of Allied Health & Basic Sciences. The Department is mainly involved in advanced molecular research. This has resulted in several original articles in PubMed/Scopus indexed journals and also patent applications. 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. 26.8 lakhs has been awarded for conducting the programme.

Thrust area:

- Genetic disorders
- Molecular Biology
- Phytochemistry
- Pharmacogenomics
- Ayurgenomics

Teaching Faculty :



L-R standing: Dr. Mitesh Shetty., Dr. Sharath B., Dr. Kiranmayee P.,
Mrs. Madhuri A.M.

Teaching Faculty Details as below

Sr.No.	Name	Designation
01.	Dr. A. V. M. Kutty	Professor
02.	Dr. P. R. Krishnaswamy	Emeritus Professor
03.	Dr. Sharath B.	Associate Professor (HoD- i/c)
04.	Dr. Kiranmayee P.	Assistant Professor
05.	Dr. Mitesh Shetty	Visiting Faculty
06.	Ms. Madhuri A.M.	Tutor

Details of programmes conducted:

Sr No	Date (s)	Nature and theme of the program
1.	15 th May – 12 th Jun'18	'3 rd National Training Programme on Techniques in Genetics' Sponsored by: Dept. of Health Research, Ministry of Health & Family Welfare, Government of India.

Details of programs attended by faculty (only those held outside own University/College):

Sr. No	Date(s)	Nature and theme of the program	Name of the Faculty attended
1.	17 th -22 nd Dec 2018	Workshop on "Role of endophytes in modulating crop growth & productivity" at university of Agricultural sciences, GKVK, Bengaluru.	Dr. Kiranmayee P.
2.	31 st Jan 2019	Guest lecture on "Career guidance in Life Sciences & Importance of Research" at Sri Bhagawan Mahaveer Jain college, Robertsonpet, K.G.F.	Ms. Madhuri A. M.
3.	8 th Mar 2019	National conference on "Physiotherapy in women's health – current practice guidelines" at SDUAHER, Kolar.	Dr. Sharath B.

Ongoing:

Sr.No.	Title of the research project	Principle Investigator
1.	"Isolation & characterization of lectin from <i>Eugenia jambolana</i> Lam".	Dr. Kiranmayee P Dr. P.R. Krishnaswamy Dr. A.V.M. Kutty
2.	"Synthesis characterization and Cytotoxic influence of <i>Allamanda cathartica</i> latex green nanoparticles on Lymphocytes".	Dr Kiranmayee P A.V.M. Kutty
3.	"Association of PGMI c. 1258t>C gene polymorphism with diabetes: A case control study."	Dr. Sharath B Dr. Nitin Patil Dr. Venkataratnamma
4.	"Cytogenetic studies on confined placental Mosaicism in pre -eclampsia using expelled placenta".	Dr Mitesh Shetty Dr. Sharath B
5.	"Plasma level of 8-hydroxy-2'-deoxyguanosine in circulating cell free DNA in Preeclampsia". A case control study.	Dr. Sharath B Dr. Sheela S.R.
6.	"Endophytic fungi: Isolation, identification and bioassay of active compounds"	Ms. Moutusi Saha Dr. Prasanna Kumar
7.	Influence of CYP2C9 gene polymorphisms on the analgesic effect of piroxicam in patients with osteoarthritis	Dr. Bhuvana K Dr. Sharath B Dr. Hariprasad Dr. Sarala N
8.	Studies on the association of functional polymorphism in RIG-1 pathway genes with risk of dengue infection	Dr. Prabhakar K Dr. Sharath B
9.	Evaluation of human cation transporter gene SLC22A1(G465R) polymorphism on therapeutic effect of metformin in type 2 diabetes mellitus	Dr. Lakshmaiah K Dr. Sharath B
10.	Influence of fluorosis on genetic predisposition due to single nucleotide polymorphism of <i>LOXL1</i> gene in pseudoexfoliation syndrome	Dr. Chaitra M.C. Dr. Sharath B Dr. Sumathi M. E.

Ph.D. thesis (2018-19 Batch only)

Sr. No.	Topic	Name of the student	Guide	Co-guide (if any)
1.	Role of Matris metalloprotease - 2 & Alpha- antitrypsin on Vascular endothelial growth factor levels in Diabetic retinopathy	Ashansha Mohan Kuksal	Dr. Mamatha Kunder	Dr. Sharath B. Dr. Mohan Kumar H.
2.	A study of Dengue among clinically suspected febrile episodes in a rural tertiary care center	Chaitra C	Dr. A.V.M. Kutty	Dr. Sharath B.
3.	Biodiversity prospecting of endophytic fungi from Solanum indicum L fruits & the antagonistic activity of the filtrates against pathogens	Manasa A.P.	Dr. Kiranmayee P	Dr. Deena C. Mendez
4.	Studies on Adiponutrin & microsomal triglyceride protein for differentiating stages of non-alcoholic fatty live disease	Mayuri Shukla	Dr. Mamatha Kunder	Dr. Sharath B. Dr. Prabhakar K.
5.	Understanding the role of Insulin-like growth factor axis in small for gestational age birth	Nithya M.N.	Dr. A.V.M. Kutty	Dr. Sharath B. Dr. Sheela S.R. Dr. Krishnappa J.
6.	Role of Phosphoglucomutase 1 in type diabetics mellitus an integrated biochemical, genetic and gene expression study	Praveen Kumar K.S.	Dr. Sharath B	Dr. Prabhakar K.
7.	Profile of Th17 pathway in the pathogenesis of Vitiligo	Vaibhav Venkatesh	Dr. Deena C Mendez	Dr. Sharath B. Dr. Rajashekar T.S.

Publications (April 2018 to March 2019):

a) Published:

Sr. No.	Title of the Paper	Authors	Journal
1.	Atrial fibrillation associated genetic variation near PITX2 gene increases the risk of preeclampsia	Rani U KS Praveen Kumar Munikrishna M Rajesh D Balakrishna S	Pregnancy Hypertension 2018 Jul;13:214-217.
2.	GSTP1 c.341C>T gene polymorphism increases the risk of oral squamous cell carcinoma.	Rajesh D Balakrishna S Azeem Mohiyuddin SM Suresh TN Moideen Kutty AV	Mutation Research - Genetic Toxicology and Environmental Mutagenesis 2018 Jul;831:45-49.

3.	Urinary congophilia in preeclampsia: Experience from a rural tertiary-care hospital in India	Nagarajappa C Rangappa SS, Suryanarayana R Balakrishna S	Pregnancy Hypertension 2018 Jul;13:83-86.
4.	Nicotinic acetylcholine receptor gene polymorphism is not associated with tobacco-related oral squamous cell carcinoma	Rajesh D Mohiyuddin SMA Balakrishna S Kutty AVM	Indian Journal of Cancer 2018 Oct-Dec;55(4):399-403.
5.	Alternative pathway linked by hydrogen bonds connects heme-Fe of cytochrome c with subunit II-CuA of cytochrome a.	Ramasarma T Vaigundan D	Biochemical and Biophysical Research Communications 2018 Oct 28;505(2):445-447.
6.	A pilot study on sun protection factor of plant extracts: An observational study	Srinivasan P Mary I Nandini H Kutty AVM Pamdimukkala K	Asian Journal of Pharmaceutical and Clinical Research 2018; 11(4):67-71.
7.	Evaluation of biodiesel obtained from pongamia and residual palm oil and its physico-chemical parameters	Kavya D Girish ST	Asian Journal of Microbiology, Biotechnology and Environmental Sciences 2018; 20(3):911-917.
8.	An efficient and cost-effective method for purification of small sized DNAs and RNAs from human urine	Zainabadi K Dhayabaran V Moideen K Krishnaswamy P	PLoS One 2019 Feb 5;14(2):e0210813.
9.	Urinary protein carbonyl levels and its correlation with protein misfolding in preeclampsia	Nagarajappa C Sheela SR Suryanarayana R Balakrishna S	Pregnancy Hypertension 2019 Mar 26;38(2):124-128.
10.	Connecting CuA with metal centers of heme a, heme a 3, CuB and Zn by pathways with hydrogen bond as the bridging element in cytochrome c oxidase.	Ramasarma T Vaigundan D	Biochemical and Biophysical Research Communications 2019 Mar 5;510(2):261-265.
11.	Hydrogen bond-linked pathways of peptide units and polar groups of amino acid residues suitable for electron transfer in cytochrome c proteins	Ramasarma T Vaigundan D	Molecular and Cellular Biochemistry 2019 Mar;453(1-2):197-203.
12.	Pathways linked by hydrogen bonds with redox- dependent breaks implicated in electron	Ramasarma T, Vaigundan D	Indian Journal of Biochemistry and Biophysics 2019;56(1):46-52

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

a) Faculty:

Sr. no.	Details of the Fellowship	Awarded by	Awarded to
1	Indian National Science Academy Fellowship (Aug 1 st to Nov 31 st 2018) from Indian Science Association.	Indian National Science Academy	Dr. Kiranmayee P.

Sr. no.	Details of the Award	Awarded by	Awarded to
1	'An awareness on conservation of Medicinal Plants for Health care' Young Scientist award (Aug 16 th -17 th Aug 2018)	Vignan's Foundation for Science, Technology & Research, Guntur, Andhra Pradesh	Ms. Moutusi Saha

Centre For Clinical Skills and Simulations (skill Lab)

VISION

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

INTRODUCTION

The main objective of the reformed new medical curriculum (CBME) is to provide medical students with knowledge, skills and attitude required for their practice.

This unit is a learning laboratory which provides excellent learning opportunities for the Undergraduate, Postgraduates, Interns, Nursing Staff, Medical faculty and Paramedical personnel to practice basic and advanced clinical skills either independently or mediated by teaching staff. The centre also provides computer aided teaching programs to the learners. The models and manikins that are available in the clinical

skill lab are designed to support the clinical skills that are required to be acquired during the medical training and to ensure that the program outcome is met.

The active learning experiences in the clinical skill lab and the enhancement of the scientific principles in the technical skills prepare the student for real life situations and foster their ability to engage in self-directed learning activities. The learning activities allow the student to engage in repeated practice of a particular clinical skill until a competency is reached to perform the same clinical procedure on real patients. This will ensure that the graduates produced at the end of the program are competent in knowledge and skills. So far about 4500 participants have undergone training in BLS and CPR.

The monitoring committee headed by Dr.A.Bhaskaran, Prof & HoD (General Surgery), consists of enthusiastic faculty from all the clinical subjects.

Teaching Faculty :



Row 1 (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,

Row 2 (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,

Skills

- Suturing and knotting.
- Laparoscopic Skills.
- Intestinal/vascular anastomosis.
- Tendon repair.
- Principles of fracture fixation.
- Neonatal resuscitation.
- Optical functions of the eye.
- Otoscopy/laryngoscopy/rhinology
- Catheterization.
- Abdominal/thoracic paracentesis.
- Endotracheal/Nasogastric intubation.
- Suturing and knotting.
- CVP/chest tube insertion.
- CPR Training.
- Labour techniques.

Activities Conducted at Centre for Clinical Skills & Simulations (CCSS) From April 2018 to March 2019

Sl no	Date	Department	Skills	Beneficiaries	Number of Participants
1.	19 th Apr 2018	Ophthalmology	Diagnosis of various retinal disorders	6 th Term (MBBS)	06
2.	24 th Apr 2018	Pharmacology	Insertion of IV cannula and drug administration Utilization of Ophthalmoscope Demonstration of subarachnoid block/spinal anesthesia	5 th Term (MBBS)	14
3.	25 th May 2018	Paediatrics	Advanced Neonatal resuscitation Training	PGs	05
4.	14 th Jun 2018	Orthopaedics	Internal fixation of fractures DHS (Dynamic Hip Screw)	Medical Faculty & PGs	18
5.	20 th Jun 2018	Anaesthesiology	Basic life support	Physiotherapy Students	30

6.	9 th Jul 2018	NABH	Hospital Acquired Infections - Prevention and control practices	Medical Faculty	27
7.	10 th Jul 2018	NABH	Hospital Acquired Infections Prevention and control practices	Medical Faculty & Nursing Staff	29 17
8.	12 th Jul 2018	Anaesthesiology	Cardio pulmonary cerebral resuscitation	Medical Faculty (Pathology) & Technicians	11
9.	13 th Jul 2018	ENT	Demonstration of laryngoscopy and bronchoscopy & ET intubation	PGs	04
10.	3 rd Aug 2018	OBG	Mechanism of Normal Labour	4 th Term (MBBS)	25
11.	9 th Aug 2018	Medicine	IV Cannula Foley's Catheterization	9 th Term (MBBS)	33
12.	13 th Aug 2018	Paediatrics	Neuro netal resuscitation	Students of Botswana University	06
13.	14 th Aug 2018	Anaesthesiology	CPCR	Students of Botswana University	06
14.	16 th Aug 2018	ENT	Demonstration of laryngoscopy and bronchoscopy & ET intubation	PGs	08
15.	18 th Aug 2018	Anaesthesiology	Heart & lung sounds, SAB Epidural & caudal block, ICD & IV cannula, Central venous cannulation	1 st year PGs	07
16.	25 th Aug 2018	ENT	Suturing Skills Intubation Skills	PGs & 7 th Term (MBBS)	25
17.	28 th Aug 2018	Surgery	Basic Surgical Skills Suturing & Knotting	PGs	38

18.	10 th Sept 2018	OBG	Episiotomy	Interns	20
19.	17 th Sept 2018	Medicine	IV cannula, Foley's Catheterization,	9 th Term (MBBS)	23
20.	19 th Sept 2018	Nursing Service Dept	Phlebotomy	Nursing Staff	38
21.	24 th Sept 2018	Central Diagnostic Laboratory	Phlebotomy	LAB Technician & Nursing Staff	37 41
22.	27 th Sept 2018	Microbiology	Hospital Acquired Infections Prevention and control practices	Interns & Nursing Staff	29
23.	27 th Sept 2018	Anaesthesiology	BLS	3 rd Term (MBBS)	29
24.	27 th Sept 2018	ENT	laryngoscopy and bronchoscopy & ET intubation	7 th Term (MBBS)	11
25.	28 th Sept 2018	Anaesthesiology	BLS	3 rd Term (MBBS)	33
26.	29 th Sept 2018	Anaesthesiology	BLS	3 rd Term (MBBS)	33
27.	9 th Oct 2018	Medicine	IV cannula, Foley's Catheterization, Ryle Tube insertion	9 th Term (MBBS)	26
28.	22 nd Oct 2018	Medicine	IV cannula, Foley's Catheterization, Ryle Tube insertion	9 th Term (MBBS)	19
29.	26 th Oct 2018	Anaesthesiology	BLS	1 st Year PGs	26
30.	26 th Oct 2018	Paediatrics	Emergencies in Neonatal and Paediatrics	PGs & 9 th Term (MBBS)	46
31.	27 th Oct 2018	Anaesthesiology	BLS	1 st Year PGs	35
32.	27 th Oct 2018	Orthopaedics	Triangulation Training using Arthrobox Dry Bone Model workshop Knot tying stations Interactive sessions	PGs	19

33.	6 th Nov 2018	ENT	Laryngoscopy and Bronchoscopy & ET intubation	7 th Term (MBBS)	13
34.	17 th Nov 2018	Ophthalmology	Direct ophthalmoscopy	7 th Term (MBBS)	09
35.	19 th Nov 2018	Ophthalmology	Direct ophthalmoscopy	7 th Term (MBBS)	11
36.	24 th Nov 2018	OBG	Episiotomy	9 th Term (MBBS)	06
37.	4 th Dec 2018	NABH Team	Hospital Acquired Infections Prevention and control practices	Medical Faculty	34
38.	5 th Dec 2018	NABH Team	Hospital Acquired Infections Prevention and control practices	Medical Faculty	32
39.	6 th Dec 2018	NABH Team	Hospital Acquired Infections Prevention and control practices	Medical Faculty	15
40.	6 th Dec 2018	Orthopaedics	Tendon Repair Techniques & Tendon Transfer for upper Limb Nerve Injuries	PGs	30
41.	7 th Dec 2018	NABH Team	Hospital Acquired Infections Prevention and control practices	Medical Faculty	29
42.	7 th Dec 2018	Pharmacology	Insertion of IV cannula and drug administration Utilization of Ophthalmoscope Demonstration of subarachnoid block/spinal anesthesia	5 th Term (MBBS)	54
43.	10 th Dec 2018	NABH Team	Hospital Acquired Infections Prevention and control practices	Medical Faculty	15

44.	10 th Dec 2018	Pharmacology	Insertion of IV cannula and drug administration Utilization of Ophthalmoscope Demonstration of subarachnoid block/ spinal anesthesia	5 th Term (MBBS)	47
45.	14 th Dec 2018	Pharmacology	Insertion of IV cannula and drug administration Utilization of Ophthalmoscope Demonstration of subarachnoid block/ spinal anesthesia	5 th Term (MBBS)	23
46.	17 th Dec 2018	Pharmacology	Insertion of IV cannula and drug administration Utilization of Ophthalmoscope Demonstration of subarachnoid block/ spinal anesthesia	5 th Term (MBBS)	19
47.	4 th Jan 2019	Anaesthesiology	BLS	Nursing Staff(Teaching)	22
48.	4 th Jan 2019	NABH Team	Hospital Acquired Infections Prevention and control practices	Nursing Staff	42
49.	8 th Jan 2019	OBG	forceps delivery	Interns	09
50.	9 th Jan 2019	ENT	Laryngoscopy and Bronchoscopy & ET intubation	PGs	08
51.	10 th Jan 2019	Medicine	IV Cannula, Airway Adult, Lumbar Puncture	PGs	05

52.	16 th Jan 2019	NABH Team	Hospital Acquired Infections Prevention and control practices	Nursing Staff	20
53.	16 th Jan 2019	ENT	Laryngoscopy and Bronchoscopy & ET intubation	PGs	11
54.	17 th Jan 2019	NABH Team	Hospital Acquired Infections Prevention and control practices	Nursing Staff	34
55.	18 th Jan 2019	NABH Team	----do---	Nursing Staf	49
56.	31 st Jan 2019	ENT	Laryngoscopy and Bronchoscopy & ET intubation	PhD Scholars	12
57.	6 th Feb 2019	Orthopaedics	Basic and Complex Total Knee Arthroplasty	Medical Faculty & PGS	29
58.	7 th Feb 2019	Paediatrics	Hand washing technics (IV,IM,ID/SC) Injections	6 th Term (MBBS)	11
59.	7 th Feb 2019	OBG	Mechanism of Normal Labour	6 th Term (MBBS)	26
60.	9 th Feb 2019	Medicine	IV Cannula, Airway Adult, Lumbar Puncture	6 th Term (MBBS)	09
61.	12 th Feb 2019	Medicine	---do---	6 th Term (MBBS)	19
62.	19 th Feb 2019	OBG	Episiotomy	6 th Term (MBBS)	22
63.	22 nd Feb 2019	Paediatrics	Hand washing technics (IV,IM,ID/SC) Injections	6 th Term (MBBS)	11
64.	23 rd Feb 2019	Ophthalmology	Fundus Examination	6 th Term (MBBS)	23
65.	23 rd Feb 2019	Orthopedics	Thomas split application	Interns	10
66.	27 th Feb 2019	Orthopedics	Colle's fracture cast application	Interns	11
67.	1 st Mar 2019	Anaesthesiology	BLS	Interns	39

68.	1 st Mar 2019	OBG	Mechanism of Normal Labour	8 th Terms (MBBS)	27
69.	2 nd Mar 2019	Anaesthesiology	BLS	Interns	55
70.	5 th Mar 2019	OBG	Fetal skull and maternal pelvis-mechanism normal labour	8 th Term (MBBS)	04
71.	7 th Mar 2019	Surgery	IV Cannulation, Foley's Catheterization and Ryle tube insertion	8 th & 9 th Term (MBBS)	42
72.	18 th Mar 2019	Medicine	IV Cannula, Airway Adult, Lumbar Puncture	6 th Terms (MBBS)	19
73.	19 th Mar 2019	Paediatrics	Lumbar Puncture NG tube insertion	8 th Term (MBBS)	32
74.	21 st Mar 2019	Paediatrics	Lumbar Puncture NG tube insertion	8 th Term (MBBS)	26
75.	23 rd Mar 2019	OBG	Episiotomy	6 th Term (MBBS)	07
76.	27 th Mar 2019	Paediatrics	IV Cannulation, IM , injection	6 th Term (MBBS)	13
77.	27 th Mar 2019	Surgery	Ryle Tube insertion Foley's Catheterization	6 th Term (MBBS)	25
78.	28 th Mar 2019	Surgery	Ryle Tube insertion Foley's Catheterization	8 th & 9 th Term (MBBS)	28
79.	29 th Mar 2019	Surgery	Science of Tissue Management	Medical Faculty & PGs	27
80.	30 th Mar 2019	Paediatrics	IV Cannulation, IM Injection	8 th Term (MBBS)	25

BASIC SURGICAL SKILLS 29th Aug 2018



CPCR WORKSHOP 14th Aug 2018



Department of Clinical Nutrition

Vision

- Creating Knowledge and skills in Clinical Nutrition and Dietetics
- Enable practical application of Nutrition knowledge for the enhancement of Nutritional status and Quality of life of the people

Introduction

The Department of Clinical Nutrition and Dietetics was started for the Academic year 2017-18. The department runs an **Integrated B.Sc – M.Sc Clinical Nutrition and Dietetics** which is a combination of 2 programs and is designed to cover multidisciplinary perspectives, encouraging depth and breadth in

understanding complex issues at each level, without any repetition of the course contents. It enhances student's engagement through experiential and active learning, which supports an integrated course capacity to address the challenges posed by increasingly complex world of today. This is achieved through a blend of academics, research training and extension as well as therapeutic applications. The PG program in this discipline has been designed to provide the students intensive and extensive theoretical and experiential training. The program allows flexibility in the choice of thrust areas, which students can select, based on their career goals

Teaching Faculty



Anjali N, Dr. Anees Fathima Thabassum, Dr. Madhavi Reddy, Mr. Shivakumar CS

Teaching Faculty Details

Sl.No	Name of the faculty	Designation
01.	Dr. Madhavi Reddy	Assoc. Professor & HOD
02.	Dr. Anees FathimaThabassum.Z	Assistant professor
03.	Dr. Shivakumara C. S	Assistant professor
04.	Miss. Anjali.N	Dietician

Thrust Areas

- **Clinical nutrition**
Nutrition and Diabetes/ Cardiovascular Disease/ Degenerative Disease/ Liver & Kidney Disorders/ Hypertension etc.
- **Food Science**
Value added food product Development Therapeutic
Food product Development Food Preservation
- **Community Nutrition**
Providing Nutrition Education to the Vulnerable Group Viz. Pregnant Lactating Women, Anemic Adolescent Girls etc.
Using Novel Approaches Such as use of audio visual aids, Nutrition Games, Lectures and Demonstrations, Development of Low- Cost Nutrition Recipes for Adoption by Rural People.

Training of ANWs, Other Health care providers engaged in nutrition Dissemination.



Department inauguration



Pooja at the department

Details of the programmes conducted

Program	Date(s)	Nature and theme of the program	Name of the faculty
National Nutrition Week (NNW)	01 st to 7 th September 2018	<ul style="list-style-type: none"> Awareness on sanitation & Hygiene for food handler Millet food feast Computation-Cooking without fire Dance Games for students Explanation about IUGR and prevention of IUGR in words. Educating about nutritional information for old age and children 	Dr.Madhavi Reddy. M Mr.Shivakumar C.S Miss.Anjali. N
World Food Day	16 th Oct 2018	Nutrition education Program at antharaganga, rehabilitation center, Kolar	Dr.Madhavi Reddy. M Mr. Shivakumar C.S Miss. Anjali. N
Guest Lecture	14 th Apr 2018	Nutrition Support in ICU Patients MS. PAYEL BANDYOPADHYAY British Biologicals	Dr.Madhavi Reddy. M Dr. Anees Fathima Thabassum.Z. Mr.Shivakumar C.S Miss.Anjali. N

Details of Programmes attended by faculty

Sl.No	Date	Nature and theme of the programme	Name of the faculty attended
CME	11 th May 2018	CME on biomarkers promise into the reality	Dr.Madhavi Reddy.M Miss. Aneesha
Workshop	29 th Aug 2017	Mindful eating food evavings, Practical demonstration of Anthropometric	Dr.Madhavi Reddy.M
Conference	15 th Nov2018 to 17 th Nov 2018	India's Transition from food Security to Nutrition security	Dr.Madhavi Reddy.M Dr. Shivakumara C.S

Details of Oral/ Poster Presentation by faculty

Oral/Poster	Subjects	Event	Name of the faculty concerned
Oral	Clinical Nutrition	Effects of Barley Fiber on Plasma Cholesterol Concentration in Hypercholesterolemia Patients - An Intervention Study	Dr. Madhavi Reddy

Details of research projects

a. Completed:

Sl.No	Title of the Research Project	Principal Investigator
1.	Study of cardiovascular risk factors among prediabetes ICMR STS – ID No. : 2018- 02062	Dr. Madhavi reddy St. Monorika
2.	Study on Index of central obesity and glycemic control among type 2 diabetes mellitus.	Dr. Madhavi reddy
3.	Effects of Barley Fiber on Plasma Cholesterol Concentration in Hypercholesterolemia Patients An Intervention Study	Dr. Madhavi reddy
4.	Physicochemical properties of different millets and relationship with cooking qualities of millets	Dr. Madhavi reddy

Ongoing:

Sl.No	Title of the Research Project	Principal Investigator
01.	A Innovative Nutrition Education intervention to improve nutrition knowledge in school children – Kolar nutrition Education Intervention Programme, Kolar Nutrition Education Intervention Programme (KNEIP)	Dr. Madhavi reddy
02.	Flour and dough quality of millets and their suitability for preparation of traditional South Indian Product	Dr. Madhavi reddy
03.	Role of nutrition education intervention in the progression of Kidney Disease wasting in Rural Hemodialysis Patients	Dr. Madhavi reddy

Publications:

Sl.No	Title of the Paper	Author	Journal
01.	Physico-chemical properties of different millets and its relationship with cooking quality of millets.	Dr. Madhavi reddy	International journal of multidisciplinary research and development, April 2019, 6(4):97-101
02.	Study on Index of central obesity and glycemic control among type 2 diabetes mellitus	Dr. Madhavi reddy	Indian Journal of Applied research, 7(6):48-52.

Any other important information

Educational trip to KMF ,Kolar on 3.04.2018



Fresher's day celebration on September 15th 2018.



Planting of nutritious sampling on 21st September



Students attended the national conference



Department of Integrative Medicine

Vision

- To be a center of excellence in the field of Integrative Medicine through research, education and clinical services.
- To develop evidence based integrated (conventional medicine & AYUSH) health care modules for health promotion, disease prevention and treating diseases to achieve holistic health.
- To inculcate Yoga and other systems of medicine in the curriculum of medical, nursing, Physiotherapy, clinical nutrition and allied health science education.

Introduction:

Integrative medicine is grounded in the definition of health. It is combination of mainstream (conventional) of medicine with complementary and alternative medicine, supported by scientific evidences towards its safety and efficacy. Dept. of Yoga was upgraded to Dept. of Integrative Medicine in September 2014. Since then it has achieved left several milestones in the field. Following are the few landmarks.

Academic: MSc Yoga program was approved by statutory committees of the academy, program will commence from the academic year 2019-20. PhD in Yoga was approved by BoS- AH & BS and is due for approval from Academic Council and

Board of management. It is expected to commence from the academic year 2019 – 20. Yoga subject is offered as an elective subject for the Bachelor of Physiotherapy and BSc Clinical Nutrition and Dietetics students from the academic year 2017-18. An add on certificate course in Yoga for BPT was approved by statutory committees and will be offered from next academic year.

Research: Central Council for research in Ayurvedic Sciences (Ministry of AYUSH), New Delhi awarded Extra Mural Research funds worth 22.59 Lakhs for the project – 'AYUSH PJ7 and Dengue' , it under progress. In addition to this dept. of Integrative Medicine submitted 3 EMR projects to VGST and DST for funding. 3 IMR projects were submitted for the seed grant (IMR) of the academy.

Clinical: There was a significant increase in number of patients receiving Yoga Therapy. Ground work is done to start the Ayurveda wing (Panchakarma) and is expected to start functioning from January 2020.

Other: SAMANVAYA-2018 – A National conference with theme 'Integrative Diabetology' and other programs for in-house and outreach activities were organized on the occasion of International Day of Yoga-2018.

Thrust areas:

- Occupational Health / Wellness /Stress management
- Dengue – Traditional Herbal Medicine
- Lifestyle Disorders : T2 DM, Back Pain, CVS

Faculty and students



Sitting: Dr. Venkatarathnamma; Dr. Patil. NJ; Dr. Dhanashri Patil
 Standing: Mrs. Sunitha L.; Mrs. Manjula C.; Mrs. Naveena V.

Teaching Faculty Details :

Sl. No	Name	Designation
1.	Dr. Neetnakumar Patil	Associate Professor & I/c Head
2.	Dr. Dhanashri Patil	Assistant Professor
3.	Mrs. Sunitha .L.	Yoga instructor/Therapist

Details of programmes conducted:

Date	Nature and theme of the program
28 th June 2018	SAMANVAYA -2018: National Conference Theme: “Integrative Diabetology – Present trend in diabetes care”
18 th June 2018	Yoga poster and essay competitions for 8 th & 9 th class students of different schools of Kolar
19 th June 2018	Yoga orientation program at Horticulture College, Kolar
21 st June 2018	Mass Yoga for University students and staff on the occasion of International Day of Yoga - 2018
21 st June 2018	Yoga orientation program at Patanjali yoga shikshna samithi Mulbagalu
22 nd June 2018	Yoga rally University, school students and staff
22 nd June 2018	Yoga orientation program for Jail inmates in district jail Kolar
08 th March 2019	National Conference on Physiotherapy in women’s Health current practice Guidelines. (Association with Physiotherapy)
21 th January 2019	Guest Lecture on the occasion of National Youth day celebration - by Sri. Pramodh Nataraj. Theme : Role of Youth in National Building”



SAMANVAYA 2018 National Conference, 28th June 2018



Poster and Essay Competitions for 8th& 9th class students of different schools of Kolar. - 18th June 2018



Yoga orientation program at Horticulture College, Kolar - 19th June 2018



Yoga Rally University, School students and Staff - 22nd June 2018



Yoga Orientation Program in District Jail Kolar - 22nd June 2018



**Guest Lecture National Youth day celebration, Lecture by Sri Pramodh Nataraj
21st January 2019**

Details of programmes attended by faculty

Date(s)	Nature and theme of the program	Name of the Faculty attended
29 th June 2018	National Conference on "Integrative Diabetology"	Dr.Patil NJ Dr. Dhanashri Patil
21 & 22 nd January, 2019	"National conference on Educational Administration and Excellence in ISM" at IISc Bengaluru. Organized by CCIM (Ministry of AYUSH) New Delhi	Dr.Patil NJ
24 th Feb 2019	Medical, Conference on "Mind Body Medicine" organized by Brahmakumari, Mysore wing	Dr.Patil NJ Dr. Dhanashri Patil

Details of programmes attended by faculty as a Resource person

Nature of program	Date	Theme of the program (Name of the Faculty attended
Workshop	March 9- 10 2019	National Workshop "Life style disorder and yoga Therapy" Organized by Vishwa Bharathi, Shantiniketan, Westbengal	Dr.Patil N.J
Conference	22-02-2019	Research Methodology "Possibilities & Challenges in Nursing Research: Moving towards Best Practice"	Dr.Patil NJ

Details of Research projects

Completed:

Sl. No	Title of the Research Project	Principal Investigator
1	Effect of integrated Yoga on anxiety, stress and heart rate variability in first year nursing students	Dr. Patil. NJ

Ongoing :

Sl. No	Title of the research project	Principal Investigator
1	Evaluation of Add on Efficacy & Safety of An Ayurveda Formulation in the Management of Dengue Fever & Prevention of its complications – A Double Blind Clinical Study – CCRAS (Ministry of AYUSH), New Delhi	Dr. Patil.NJ
2	Effect of Yoga Nidra (Yogic Guided Relaxation Practice) on Sleep and Quality of life in patients with Chronic Kidney Diseases	Dr. Patil.NJ
3	Evaluation of topical hemostatic property of Sphatika bhasma on patients on antiplatelet therapy undergoing dental extraction	Dr. Harshitha K R
4	Association of PGM1 c. 1258 T>C gene polymorphism with diabetes: A case-control study	Dr. Sharath. B
5	Effect of integrated Yoga in elderly Type2 diabetics with cognitive impairments (Pilot study completed)	Dr. Patil NJ

Project submitted for approval: (EMR)

Sl. No	Title of the research project	Principal Investigator
1	Effect of Yoga in comparison with stretching exercises on cognition in type 2 DM patients having mild cognitive impairment – A single blind study. (Nov 2018)	Dr. Prabha Adhikari /Dr. Patil NJ. (SATYAM – DST, New Delhi)
2	Study of Swarna Bindu Prashana (Ayurvedic formulation) on human peripheral blood mononuclear cells. (Oct. 2018)	Dr. Patil Dhanashri (VGST, Govt of Karnataka)
3	Effect of pranayama (Yogic breathing) and yoga Nidra (Yoga Relaxation Technique) in elderly type 2 diabetes patients with cognitive impairment. (Oct. 2018)	Dr. Patil NJ (VGST, Govt of Karnataka)
4	Randomized double blind placebo – controlled study evaluate the efficacy & safety of AQCH in adult patients with dengue fever. (Feb 2019)	Dr. Patil.NJ/ Dr. Raveesha A (Sun Pharma, Mumbai)

Project submitted for approval: (IMR)

Sl. No	Title of the research project	Principal Investigator
1	Effect of Pranayama & Yoga Nidra in type 2 Diabetes patients with cognitive impairment	Dr. Patil NJ
2	Study of Swarna Bindu Prashana on human peripheral blood mononuclear cells.	Dr. Patil Dhanashri
3	Simarouba seed extract act on peripheral blood Mononuclear cells (PBMC)	Dr. Patil Dhanashri
4	Simarouba seed extract its role in modulation of oral carcinoma cells	Dr. Patil NJ
5	Designing, Validation and Feasibility of Integrated Yoga Therapy Module (IYTM) for patients with Hypothyroidism.	Dr. Patil Dhanashri

MD/MS Dissertations / Ph.D. thesis (2018-19 batch only)

Sl. No	Topic	Name of the student	Name of the Guide	Name of the Co-guide (if any)
1	A Randomized Controlled Study On Efficacy Of Home Based Yoga Therapy Versus Conventional Conservative Therapy In Chronic Low back Pain	Dr. Joe Lourdu Pradeep Post Graduate Department Of Orthopedics	Dr. Arun H.S MBBS, M.S. Dept. Of Orthopedics SDUMC ,Kolar	Dr. Nitin Patil J Dept. Of Integrative Medicine SDUAHER , Kolar.

Publications:

Sl. No	Title of the paper	Author(s)	Journal
1	A Randomized Trial Comparing Effect of Yoga and Exercises on Quality of Life in among nursing population with Chronic Low Back Pain	Patil NJ, Nagaratna R, Tekur P, Manohar PV, Bhargav H, Patil D	Int J Yoga. 2018 Sep-Dec;11(3):208-214. International Journal of Yoga
2	Quality Of Life In Elderly Type 2 Diabetes Mellitus Patients With Mild Cognitive Impairment	Aithal S., Vidyasagar CR., Venkatarathnamma PN and Patil NJ	Impairment. Int J Recent Sc i Res. 2018 9(3), pp. 24925-24928

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

Faculty:

Sl.No	Details of the Honor/Award/Fellowship	Awarded by	Awarded to
1	Fellowship F- TMIH	Health research , Ministry of Health and Family welfare, Government of India and organized by Transdisciplinary school of Health Sciences, Savitribai Phule Pune University, Pune-7	Dr. Patil NJ.
2	Award	European Journal of Integrative Medicine Outstanding Contribution in Reviewing	Dr. Patil NJ

Any other important information:

- Dr Srikanth N. Deputy Director General of Central Council for research in Ayurvedic Sciences, (Ministry of AYUSH), New Delhi has visited the academy .He was happy with state of the art facilities of the Academy and encouraged us to apply for CCRAS research collaborative center.

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 serves as a medical learning resource center, supports the research, educational and clinical needs of the students, faculty and research scholars of the university. The Library is open on all working days from 8.30 AM to 9.00 PM. and on all General Holidays, Sundays and 3rd Saturday from 9.00 AM to 2.00 PM. Book reading section is kept open up to 11.00 PM on all days.

Currently, the collection of the library consists of 27554 volumes of books, 11827 back volumes (journals) and 1242 compact discs (CD). The library subscribes to 53 foreign titles of current journals, 96 Indian journals and ProQuest Medical Database in addition to print resources. The library has a well equipped digital library with 1Gbps Internet bandwidth and 40+ computers, printers scanners, and SPSS software to facilitate the users using ICT infrastructure in enhancing their reference based research work. 1376 new books and 491 Back Volumes 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 gateway of health science resources

Library Staff



1st Row: L to R: Mr. Gangareddy A, Mr. Prakasha, Mr. Devaraj B.V

2nd Row: L to R: Ms. Udayavani G, Ms. Baseera

Name	Designation
Mr. Prakash	Senior Librarian
Mr. Devaraj B.V	Deputy Librarian
Mr. Gangareddy A	Assistant Librarian
Ms. Udayavani G	Assistant Librarian
Ms. Baseera	Assistant Librarian

Library Services

- Lending of Books
- Reference Service
- Document Delivery Service
- Internet Training
- Reprographic Service

- Reprographic Service
- Literature Search
- Compilation of Bibliographies
- User Education
- Book Bank and Inter library lending service
- Organizing Book Exhibitions

Library Budget

Library had fully utilized the earmarked budget of Rs.1,20,00,000.00 for the year 2018-19 towards procurement of books (25%) and (75%) journals (Print and Online)

Sl. No	Description	Quantity
1.	No. of days Library kept open during the year	360
2.	No. of users (Students/Teachers/Research Scholars) Visited	58896
3.	No. of users utilized the Digital Library Facilities, Resources & Services	10914
4.	No. of books referred by the Students/Teachers/Research Scholars	14019
5.	No. of books circulated to the Students / Teachers / Research Scholars	18273
6.	No. of current journals referred by Students/Teachers/Research Scholars	3768
7.	No. of Back volumes of journals referred by Students/Teachers/Research Scholars	210
8.	No. of Students/Teachers/Research Scholars photocopied reading materials	2324
9.	No. of pages of reading material photocopied by Students/Teachers/Research Scholars	329147
10.	No. of Students/Teachers/Research Scholars got printed of e-resources	1491
11.	No. of pages got printed of e-resources by Students/Teachers/Research Scholars	86156
12.	No. of Students/Research Scholars and Teachers got requested articles	83
13.	No. of pages Full text Articles got by Students/Teachers/Research Scholars	251

14.	No. of Students/Teachers/Research Scholars got Scanning of e resources	363
15	No. of pages got Scanning of e resources by Students/Teachers/Research Scholars	1423
16	No. of Journals Clubs/ Seminars and meetings were conducted in the Seminar Hall	246



17.11.2018 Training program on “Plagiarism Detection Tools in Research” 180 teaching staff, Research Scholars and PG students attended the workshop

Workshops Attended

Sl. No	Date	Workshops attended	Name of the Faculty Attend
1	22 nd Dec 2018	“E-Resources for Excellent in Academics and Research” organized by Seshadripuram Institute of Management studies, Bangalore	Mr. Prakash Mrs. Udayavani G
2	25 th Jan, 2019	“Scientific Writing and Research Publications” organized by JAIN (Deemed-to-be-University), Bangalore	Mr. Prakasha, Senior Librarian University Library & Learning Resource centre SDUAHER, Kolar

Sl. No	Date	Conference Attended	Name of the Faculty Attend
1.	March 1 st -2 nd , 2019	9 th KSCLA National conference on "Library in the Life of the User" organized by Tumkur University, Tumkur.	Mr. Prakasha

Publication of Paper

Sl. No	Title of the paper	Author (s)	Journals
1	Knowledge and Skill Requirements for Health Science Library Professionals in India: A Survey	Prakasha Krishnamurthy. M	Asian Journal of Information Science and Technology Vol. 9 No.1, 2018, pp. 8-13

Department of Speech Pathology and Audiology

Vision:

The vision of the department is to be a part of the world body of experts in the field and shape programs relating to speech and hearing in the country.

Introduction

The Academy established the Department of Speech Pathology and Audiology, under the faculty of Allied Health and Basic Sciences, on 25 June 2018. The mandate for the department was to provide clinical services for persons with all types of speech, language, hearing, swallowing and vestibular disorders, start degree level training programs in the area, and undertake research. As a part of clinical services, We have evaluated 175 persons with speech-language and related disorders, 1378 persons with hearing impairment, and conducted 736 therapy sessions since the time the department was established (up to 31 March 2019). A total of 24 hearing aids were dispensed at a concessional cost during the same period.

Thrust areas:

- Occupational hearing loss
- Dysphagia
- Newborn screening for communication disorders

Teaching Faculty



From left to right: Ms. H M Apoorva, Dr. M. Jayaram and Mr. A.V. Sumanth

Teaching Faculty Details

Name	Designation
Dr. M Jayaram	Professor and Head

Details of programs conducted:

Date(s)	Nature and theme of the program
29 th Sep 2018	Observation of World Deaf Day: Free hearing screening camp and public awareness program

Details of programs attended by faculty (only those held outside own University/College):

	Sl. No	Date	Nature and theme of the program (e.g. Workshop on Perinatal Mortality)	attended
CME	1	7 th Feb19	Application of electrophysiological measures in neuroauditory diagnosis: NIMHANS, Bangalore	Ms. H M Apoorva
Conference	1	16 th Dec18	Degluticon 2018: Annual State Peripheral meet of Association of Phonosurgeons of India, Kerala Chapter at Azeezia Medical College, Kollam	Mr. A V Sumanth
	2	8-10 Feb 2019	51 st ISHACON: NIMHANS, Bangalore	Dr. M Jayaram Ms. H M Apoorva
	3	1-3 March 2019	AHEAD 2019: Amrita Head and Neck Oncology Teaching Program at Amrita Institute of Medical Sciences, Kochin	Mr. A V Sumanth

Details of Research projects

a) Completed:

Sl. No	Title of the Research Project	
1.	Hearing in infants born to hypothyroidism mothers	Dr. Indu Varsha Ms. HM Apoorva

b) Ongoing:

Sl. No	Title of the research project	Principal Investigator
1.	Nature and time of onset of auditory deviations in individuals exposed to occupational noise	Ms. H M Apoorva
2.	Audiometric and tympanometric assessment of patients undergoing radiotherapy for oral cancers	Dr. S M Azeem Mohiyuddin Ms. HM Apoorva
2.	Comparison of genetic predisposition and fluorosis as risk factors of pseudoexfoliation syndrome: Its link to sensorineural hearing loss.	Dr. MC Chaitra Ms. HM Apoorva



Observation of World Deaf Day on 29 September 2018

Any other important information:

- The University has approved Ph.D program.
- A project is being carried out on occupational hearing loss wherein KSRTC bus drivers are evaluated for hearing. Around 150 drivers have been tested and helped so far.
- The department has written a proposal on newborn screening for communication disorders to All India Institute of Speech and Hearing, Mysore.
- Dr. M Jayaram was the chairman of expert committee of RCI (Rehabilitation Council of India) on speech and hearing.
- The department proposes to start 4-year BASLP (Bachelors in Audiology and Speech-language Pathology) program from the academic year 2020-21.
- The department would soon launch a cochlear implant program, primarily for children, in association with the department of ENT at the hospital
- The department would be launching a management program for persons with swallowing disorders in association with the department of ENT.

Department of Information & Communication Technology

Vision:

Providing modern and reliable technology resources & support to the institution optimally.

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 I-Web, NTT Data, Summit Solutions Services has been roped in for online monitoring and preservation of information pertaining to Student management, Hospital information system & teaching learning activities, research, administrative activities and financial records.

Services Provided to SDUAHER /SDUMC/RLJH&RC

1. Multiple servers and 500 + 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. New Advance software will be implementing by NTT data Hospital Information system for RLJH & RC
4. Maintenance of CCTV, Biometric Attendance System and E-podium systems.
5. Multi location projectors for teaching
6. College management software Implementation is under progress with student biometric activity

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 facility. For provisioning of safe and wholesome drinking water RO equipment and water coolers have been provided in each hostel.

Courses Offered

Sri Devaraj Urs Academy of Higher Education and Research, Tamaka, Kolar

List of Courses Under Faculty of Medicine (Medical)

Under Graduate Degree Program	
Sl. No	Course/Program
1	MBBS (including internship)
Post Graduate Degree Programs	
2	MD (Anatomy)
3	MD (Physiology)
4	MD (Biochemistry)
5	MD (Pathology)
6	MD (Forensic Medicine)
7	MD (Pharmacology)
8	MD (Microbiology)
9	MD (Community Medicine)
10	MD (General Medicine)
11	MS (Surgery)
12	MS (OBG)
13	MS (ENT)
14	MS (Ophthalmology)
15	MS (Orthopedics)
16	MD (Anaesthesiology)
17	MD (Radio-diagnosis)
18	MD Paediatrics
19	MD Dermatology
Fellowship Programs	
20	Head & Neck Surgical Oncology
21	Oral - Oncosurgery
Ph.D. Programs	
22	Anatomy
23	Physiology
24	Biochemistry
25	Microbiology
26	Pathology
27	Otorhinolaryngology
28	Radio -Diagnosis
29	Medical Education
30	Ophthalmology

**Sri Devaraj Urs Academy of Higher Education and Research, Tamaka,
Kolar**

List of Courses Under Faculty of Allied Health Sciences

Under Graduate Degree Programs	
Sl. No	Course
1	B.Sc. in Medical Laboratory Technology
2	B.Sc. in Imaging Technology
3	B.Sc. in Anesthesia & Operation Theater Technology
4	B.Sc. in Optometry
5	B.Sc. in Renal Dialysis Technology
6	B.Sc. in Radiotherapy Technology
7	Bachelor of Physiotherapy
8	B.Sc. in Cardiac care Technology
9	B.Sc. in Cardiac Perfusion Technology
10	B.Sc. Respiratory Technology
Post Graduate Degree Programs	
11	Molecular Biology and Human Genetics [M.Sc. MB&HG]
12	M.Sc. (MLT) Clinical Bio-chemistry
13	M.Sc.(MLT) Clinical Microbiology & Immunology
14	M.Sc.(MLT) Clinical Hematology and Blood transfusion
15	Master's in Public Health [MPH]
16	M.Sc. in Optometry
17	M.Sc. in Yoga
Integrated Program (B.Sc. - M.Sc.)	
18	Clinical Nutrition and Dietetics
Post Graduate Diploma Programs	
19	Diploma in Genomic Technology [PGDGT]
20	Diploma in Yoga Practice [PGDYP]
M.Phil. Program	
21	Molecular Cell Biology and Medical Genetics
Ph.D. Program	
22	Ph.D. (Cytogenetics and Molecular Biology)
23	Audiology and Speech Language Pathology
24	Nursing (Interdisciplinary)
25	Physiotherapy (Interdisciplinary)

Academic & Administrative Events

The 9th Annual Convocation of SDUAHER was held on 23rd March 2019. Prof. (Dr.) B.N.Gangadhar, Director, NIMHANS, Bengaluru and Member, Board of Governors, MCI was the chief guest.

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 217 students qualified for the award of degrees in their respective subjects which includes (Under Faculty of Medicine) 01 student was conferred Doctor of Philosophy (Ph.D), 02 Fellowship in Head & Neck Surgical Oncology, 55 students were conferred Post Graduate MD/MS Degree, 19 students were conferred Post Graduate Diploma Degree, 109 students were conferred Undergraduate (MBBS), (Under Faculty of Allied Health Sciences) : 01 student was conferred Doctor of Philosophy (Ph.D.), 02 students were conferred M.Sc Medial Laboratory Technology (MLT), 03 student were conferred Post Graduate Diploma in Yoga Practice (PGDYP) and 25 students in B.Sc Allied Health Sciences courses - (1) Medical Laboratory Technology, (2) Imaging Technology, (3) Operation Theater Technology (4) Ophthalmic Technology, Renal Dialysis Technology and Radio Therapy Technology students were conferred their degrees.



Doctors Day and Teachers' day Celebrations



Lightning the lamp by the Chief guest on the occasion of Doctors Day 2018



Felicitatation of Dr. Sujatha, Gynecologist , SNR, Kolarb Chief Guest on the occasion of Doctors's Day



Lightning the lamp by the Chief guest on the occasion of Teachers Day 2018



Falicitatation of Dr. Hiremath S.G, Chief Guest Formar, Prof & HoD of Community Medicine the occasion of Teachers Day 2018

Academy Meetings



Board of Management Meeting held on
27th October 2018



Academic Council Meeting held on
3rd November 2018

Independence Day And Republic Day Celebration



University Research Advisory Board
18th January 2019



2nd Meeting of Board of Studies – Surgery on
10th August 2018



Independence Day Celebration on 15th August 2018 in the SDUMC campus



Hon'ble Chancellor Offering pooja on Republic Day -
26th January 2019



Group Activity by RLJH&RC Students on
26th January 2019

Hospital Day Celebrations



Hospital Day Celebration on 19th October 2018 – Flicitation to staff by all the Dignitaries



Hospital Day & Hon'ble Chairman's Birthday Celebration on 19th October 2018 and Inauguration of new Critical Care Centre by Hon'ble Chairman

Activities Related To Societal Benefit



Free Health Camp organized on 18th January 2019 at Government First Grade College, Srinivasapur



Handing over the Cheque for Kerala and Kodagu extreme floods happened in August 2018 to Sri K.R. Ramesh, Speaker, Karnataka Legislative Assembly, Sri. Krishna Byregowda, Sri. Srinivasgowda, M L A Kolar By Sri. G.H.Nagaraja, Hon'ble Secretary, SDUET, Sri. Rajendra J, Director A & F, Dr. S. Kumar, Hon'ble Chancellor, Dr. Raghuveer, Vice Chancellor of SDUAHER for and Dr.Thrilok Chandra, Distric Commissioner, Dr. Rohini Katoch, Superintendent of Police, Kolar warer present followed by press meet for the same.

NSS AND YRC ACTIVITIES



26.06.2018 International Day for Drug abuse and Illicit TRAFFICKING



Dr. C V Raghuveer delivering the guest lecture
LICIT TRAFFICKING: 2018



Swachh Bharat Abhiyan (SBA) or Clean India Mission: 2018



International day of Yoga' on June 21st, 2018.
Nursing college



30-6-18 Donating Blood A.V hall



SWACHHTA PAKHWADA , Doddiganahalli
village at 17-08-2018

Women Empowerment Cell Activities



International Womens Day on 12th March 2019



International Day for the Girl Child"
24th November 2018 at Sabarmati High School, Sugutur



International Day for the Girl Child"
24th November 2018 at Sabarmati High School, Sugutur



Students gathered for the programme on International Day for Girl Child - 2018



International Womens Day on 12th March 2019

Sports and Cultural Activities



Students engaged in Cultural Activities - Freshers Day - 2018



Ganesha Chaturthi Celebrations



Students performing Group Dance



Students engaged in Cultural Activities – College Day



Faculty engaged in Sports – Teachers Day



Inaugration of Annual Atheletic Meet 2018



Annual Atheletic Meet 2018

Finance

Broad Framework of Accounting Policies

1. System and Method of Accounting:

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

2. Revenue Recognition :

All revenues are recognized on accrual basis.

3. Fixed Assets :

Fixed Assets are accounted at cost of acquisition 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.

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

5. Investments :

All Investments were valued at Cost.

6. Government grants received : Nil

7. Investment of earmarked \ endowment funds and interest accrued on such investments
Incomes earned on various investments including earmarked investments were recognized on Accrual Basis subject to the materiality of quantum of Revenue.

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

Sd/-

Sd/-

FINANCE OFFICER

REGISTRAR

**Notes on Accounts forming part of Income and Expenditure Account
and Balance Sheet as on 31.03.2019**

1. The Annual Accounts for the year 2018 - 19 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 2018-19 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 563 101

BALANCE SHEET AS AT 31ST MARCH 2019

FUNDS & LIABILITIES		ASSETS & PROPERTIES	
GENERAL FUND	AMOUNT	FIXED ASSETS:	AMOUNT
(AS PER SCHEDULE - 1)		(AS PER SCHEDULE - 4)	
CURRENT LIABILITIES		CURRENT ASSETS	
SUNDRY CREDITORS		(AS PER SCHEDULE - 5)	
(AS PER SCHEDULE - 2)	1,93,80,609	CASH & BANK BALANCES:	
OTHER LIABILITIES		(AS PER SCHEDULE - 6)	
(AS PER SCHEDULE - 3)	21,88,70,545	BRANCH / DIVISION	
		DUETPHARMA-(RLJH&RC)	(37,47,283)
		DUETPHARMA-(SDUMC)	(10,02,999)
		RLJCS-(RLJH&RC)	(8,752)
		RLJCS-(SDUMC)	80,065
		RLJIT-(SDUMC)	30,16,502
		SDUCON (RLJH &RC)	(2,73,068)
		SDUCON-(SDUMC)	19,45,521
		SDUET-(RLJH&RC)	2,11,50,439
		SDUET-(SDUMC)	60,71,96,479
TOTAL	2,46,62,17,954	TOTAL	62,83,56,904
			2,46,62,17,954

Schedules 1 to 6 & Notes on Accounts shall form part of this Balance Sheet

As per Our report of even date
For NARAYANA SETTY RYM & CO
Chartered Accountants

G. Balaji
G. BALAJI
FINANCE OFFICER

S.A. Narayana Setty
S.A. NARAYANA SETTY
PARTNER

PLACE: KOLAR
DATE: 01.10.2019

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH CENTRE
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 TAMAKA, KOLAR 563 101

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2019		INCOME		AMOUNT	
EXPENDITURE	AMOUNT	BY	AMOUNT		
To		Advertisement-Mc	15,21,759	Academy Society Fee-Mc	5,33,771
"		Amc - Software-Mc	4,95,446	Agricultural Income-Mc	1,33,200
"		Amc Equipments-Mc	30,26,086	Application Fee - Ahs-Mc	1,42,373
"		Amc Equipments-R/h	1,18,06,501	Application Fee - M.Sc-Mc	12,712
"		Audit Fee-Hostel	41,300	Application Fee - Mbbs-Mc	1,28,813
"		Audit Fees-Mc	6,20,940	Application Fee - Pg-Mc	74,576
"		Bank Charges - Hostel	354	Application Fee - Phd-Mc	40,678
"		Bank Charges-Mc	45,491	Bank Charges (Received)-Mc	1,38,948
"		Bank Charges-R/h	2,60,280	Bus Fare-Mc	30,13,200
"		Biochemistry Research Project-ITC-Mc	3,56,846	One Programme Income-Mc	9,14,731
"		Biomedical Waste-Mc	9,310	Convocation Fees-Mc	14,76,000
"		Biomedical Waste-R/h	7,15,000	Dissertation Fee-Mc	7,000
"		CME Programme Exp-Mc	13,47,883	Duplicate Marks Card Fee-Mc	1,20,704
"		Community Research Project-Mc	81,344	E Journal Printing Charges-Mc	22,14,411
"		Computer Maintenance-Mc	14,71,756	Electricity Charges Received - Shops-Mc	45,60,880
"		Computer Maintenance-R/h	50,283	Examination Fees-Mc	16,59,592
"		Cultural Expenses-Mc	6,20,616	Fine-Mc	32,40,50,642
"		Depreciation-Hostel	65,146	Hospital Collections-R/h	6,23,82,701
"		Depreciation-MC-Mc	6,66,91,852	Hostel Collections-Hostel	2,500
"		Depreciation-R/h-R/h	4,28,25,399	Identity Card/Smart Card Fee Mbbs-Mc	45,185
"		Dish Rent-Mc-Mc	1,90,096	Interest Income-Mc	76,60,856
"		Doctors Club Expenses-Mc	52,000	Interest Income-R/h	7,98,068
"		Donations-Calamity Relief fund (Karnataka)-Mc	83,35,868	Interest On Fixed Deposits-Mc	4,22,33,862
"		Donations-Medical Relief-Mc	1,00,000	Internship Diary-Mc	1,21,000
"		Electricity Charges-Hostel	80,55,104	Library Books Due Fine-Mc	3,42,101
"		Electricity Charges-Mc	1,94,64,405	Library Card Fee-Mc	650
"		Electricity Charges-R/h	1,50,49,167	Medical Aid-Mc	50
"		Esh-Employer Contribution-Hostel	6,24,071	Migration Certificate Fee-Mc	4,81,000
"		Examination Expenses-Mc	71,33,870	Miscellaneous Income-Mc	20,91,234
"		Festivals & Celebrations-Hostel	86,847	NSS-Mc	4,72,885
"		Festivals & Celebrations-Mc	25,93,833	Other Fee-Mc	20,02,500
"		Festivals & Celebrations-R/h	5,12,671	Provisional Degree Certificate-Mc	1,56,000
"		Garden Maintenance-Mc	1,36,953	Rent Received-Mc	2,48,50,360
"		General Expenses-Hostel	44,603		

AS PER OUR REPORT OF EVEN DATE
 For NARAYANA SETTY RVM & CO
 Chartered Accountants

S.A. NARAYANA SETTY
 PARTNER

DR K N V PRASAD
 REGISTRAR

PLACE: KOLAR
 DATE: 01.10.2019
 G BALAJI
 FINANCE OFFICER

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. 26th May 2007)
 (A DIVISION OF SRI DEVARAJ URS EDUCATIONAL TRUST FOR BACKWARD CLASSES Regd.)
 TAMAKA, KOLAR 563 101

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2019			INCOME	AMOUNT
EXPENDITURE				
General Expenses-Mc			Reserach Grant-Mc	45,16,280
General Expenses-Rjh	4,06,401		Re-Totalling Fee-Mc	1,01,000
Generator Maintenance-Mc	23,122		Sale Of Duty Credit Script-17-18-Mc	14,45,083
Generator Maintenance-Rjh	38,70,813		Students Certificate Fee-Mc	1,91,500
Gratuity-Mc	43,12,724		Tuition Fees-Mc	95,09,47,770
Group Insurance-Mc	3,24,64,188		Water Charge Received-Mc	5,92,449
Honorarium-Mc	3,10,055		Interest on Bescom Deposit	15,34,150
Health Camp Exp-Mc-Mc	72,000			
Hospital Free Food expenses-Rjh	2,08,570			
Hospital Maintenance-Rjh	91,03,560			
Inspection Fee-Mc	7,39,40,633			
Insurance-Indiminity-Mc	13,95,585			
Insurance-Equipment-Mc	4,92,744			
Interest On Tds-Mc	2,93,545			
Interest On Tds-Rjh	26,432			
Internet Charges-Mc	2,017			
KLW Fund-Employer Contribution-Hostel	58,056			
Lab Maintenance-Genome-Mc	4,080			
Lab Maintenance-Mc	15,27,568			
Land Tax-Mc	44,39,438			
Legal & Professional Charges-Mc	14,63,033			
Legal & Professional Charges-Rjh	65,63,200			
Meeting Expenses-Mc	13,00,480			
Miscellaneous Exp-Mc	14,96,191			
News Paper & Periodicals-Hostel	1,30,834			
News Paper & Periodicals-Mc	22,333			
Nas Camp Exp-Mc	1,49,728			
PI-Employer Contribution-Hostel	79,266			
Photo Copying Charges-Mc	29,50,114			
Postage, Telegram & Courier-Mc	1,35,997			
Postage, Telegram & Courier-Rjh	1,09,583			
Printing & Stationary-Mc	3,549			
Printing & Stationary-Hostel	33,84,625			
Printing & Stationary-Rjh	37,303			
Property Tax-Mc	47,17,703			
	8,052			

AS PER OUR REPORT OF EVEN DATE
 For NARAYANA SETTY RVM & CO
 Chartered Accountants

S.A. NARAYANA SETTY
 PARTNER

PLACE: KOLAR
 DATE: 01.10.2019
 G BALAJI
 FINANCE OFFICER

DR K N V PRASAD
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 TAMAKA, KOLAR 563 101

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2019		INCOME	AMOUNT
EXPENDITURE	AMOUNT		AMOUNT
Property Tax-R/h	18,520		
Provisions, Vegetable etc.,-Hostel	2,47,62,660		
Registration & Renewals-Mc	4,32,108		
Registration & Renewals-R/h	6,07,049		
Repairs & Maintenance - Building-Mc	1,57,22,253		
Repairs & Maintenance - Building-R/h	10,90,798		
Repairs & Maintenance - Furniture-R/h	5,40,998		
Repairs & Maintenance - General-Mc	28,81,462		
Repairs & Maintenance - General-R/h	30,82,852		
Repairs & Maintenance -Electrical-Mc	38,40,826		
Repairs & Maintenance -Electrical-R/h	9,98,867		
Repairs & Maintenance -Furniture-Mc	4,06,808		
Repairs & Maintenance-Hostel	3,04,075		
Research Programme-Mc	18,89,945		
Research Programme-R/h	11,85,624		
Salary & Wages-Mc	40,06,65,891		
Salary & Wages-R/h	13,25,79,344		
Sancog Research Project-Mc	1,78,558		
Scholarship-Mc-Mc	28,00,000		
Security Charges-Mc	36,26,532		
Security Charges-R/h	78,53,554		
Sign Boards-Mc	22,36,710		
Sign Boards-R/h	13,16,964		
Software Service Charges-Mc	6,20,000		
Sports Expenses-Mc	14,77,811		
Staff Salaries-Hostel	1,31,42,848		
Staff Uniform-Mc	44,000		
Staff Uniform-R/h	17,95,502		
Stipend To Students-Mc	8,49,02,469		
Subsidy To Patients-R/h	12,00,54,596		
Telephone Charges-Mc	3,08,762		
Telephone Charges-R/h	1,33,328		
Travelling & Conveyance-Mc	12,37,072		
Travelling & Conveyance-R/h	3,71,433		
Vehicle Maintenance-Mc	54,51,844		
Vehicle Maintenance-R/h	16,30,306		
Waste Disposal-Mc	19,68,058		
Water Charges-Mc	14,25,150		
Write off/Written Back-Mc	6,45,541		
Excess Of Income Over			
Expenditure Ttd To General Fund	24,81,37,438		
TOTAL	1,44,23,05,435	TOTAL	1,44,23,05,435

AS PER OUR REPORT OF EVEN DATE
 For NARAYANA SETTY RYM & CO
 Chartered Accountants

S. A. NARAYANA SETTY
 PARTNER

DR. K. N. V. PRASAD
 REGISTRAR

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