



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



## **ANNUAL REPORT 2023-2024**

## FACULTY OF MEDICINE

Sl. No.	PROGRAMME SPECIALIZATION
1	MBBS (Bachelor of Medicine and Bachelor of Surgery)
2	MD Anesthesia
3	MD Anatomy
4	MD Biochemistry
5	MD Community Medicine
6	MD Dermatology
7	MD Forensic Medicine
8	MD General Medicine
9	MD Microbiology
10	MD Pathology
11	MD Pediatrics
12	MD Pharmacology
13	MD Physiology
14	MD Psychiatry
15	MD Radiology
16	MD Emergency Medicine
17	MS ENT
18	MS General Surgery
19	MS OBG
20	MS Ophthalmology
21	MS Orthopedics
22	MCH Surgical Oncology
23	Fellowship in Head and Neck Surgical Oncology
24	Fellowship in Oral onco -Surgery
25	Fellowship in Immunohematology and Blood Transfusion
26	Indian Diploma in Critical Care Medicine
27	Ph.D. Doctor of Philosophy (Faculty of Medicine)



### Legend of Logo

At a glance this logo is abstract, yet it depicts the unique characteristics and attributes of Sri Devaraj Urs University of Higher Education and Research, Tamaka, Kolar in artistic yet ingenious style.

The institution's medical background, humanitarian values, compassion, approachability, social commitment and the subsequent research towards the most precious thing - that is 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.

#### 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

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.

The establishments of the Academy and the constituent institution are co-located at Tamaka village, Kolar and spread over more than 72.73 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 1.24 lakh sq. metres. Currently, the Academy has two faculties of studies viz; Faculty of Medicine and Faculty of Allied Health Sciences. Under the Faculty of Medicine, Sri Devaraj Urs Medical College conducts Undergraduate 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, and Doctoral Programs.

### VISION

The drive towards excellence by providing knowledge for posterity is the central over-riding theme of the Academy, which is derived from the vision statement –

**“ACADEMY OF EXCELLENCE - KNOWLEDGE FOR POSTERITY”**

The Academy intends to realize this vision of providing knowledge for posterity by providing education that is driven by Quality and Excellence.

### MISSION

The **Mission** is

- To be a global centre of excellence for Teaching, Training and Research in the field of Higher education
- To inculcating scientific temper, research attitude and social accountability amongst faculty and students.
- To promote value-based education for the overall personality development and leadership qualities to serve the humanity”.

The Academy has put in place processes, systems, and structures to shoulder its responsibility in Curriculum Design and Development which is focused on employability, entrepreneurship, and skill development. This Academy in developing appropriate curriculum factors in need-based inputs in consultation with expert groups and the feedback from stakeholders. The Academy under its two faculties i.e., faculty of medicine and faculty of allied health basic sciences offers 52 bachelors and masters programs, with an enrolment of 1996 students with 282 teaching faculties and supported by 1580 non-teaching and 83 technical staff.

The Academy has a Centre for Clinical Skills and Simulation which has Basic Clinical Skills Training Models and Trainers for clinical skills in the relevant disciplines. The faculty members effectively utilize the E-resources such as the LMS and other Audio-Visual aids to demonstrate the concepts to the students to enhance their learning experience. The Academy has an excellent automated examination management system for student registration, hall ticket issue & result processing. There is unique software for automated question paper generation, linking the program outcomes and course outcomes to questions without human intervention.

The Academy allocates 5% of its total budget for the research. SDUAHER seed grants are given up to a tune of five lakhs to faculty which is extendable depending on the quality of the research involved, in the academic year a total seed grant money of Rs. 51 lakhs were to various new sanctioned research projects. The constituent college and the teaching hospital of the Academy regularly conduct community outreach health care activities and join hands with the government in implementing various health care schemes. The teaching hospital has been one of the referral centres with Critical Care & Oxygenated bed facilities in Kolar district, Karnataka. The hospital has been recognised for its committed services and has been awarded with "Appreciation Certificate from Ayushman Bharat Arogya Karnataka AB-Ark by Govt. of Karnataka.

The Academy has Sri R L Jalappa Hospital and Research Center a tertiary care center for clinical teaching and learning activity for undergraduate and postgraduate medical and AHS students with 1213 beds. The hospital has the state-of-art ICU, SICU, PICU, NICU, emergency services and Dialysis facilities. The hospital also has a state of art Critical Care Center facility having an area of 900 sqm accommodating 36 beds with advanced equipment's serving critically ill. The hospital has the state of art NABL accredited diagnostic facility in the Central Diagnostic Laboratory.

The strong mentorship systems in the constituent College ensure that no student goes unattended for their needs in academics, personal, social, cultural, and comprehensive personal development. Student Progression is appreciable as more than 60% of undergraduate students are able to pursue higher degrees and excel in the field of expertise. Several of the alumni of this institution spread across the globe and are known for their clinical skills and have brought in laurels to the institution.

The Academy IQAC meets every quarterly for deliberating on quality developmental issues related to academics, research and administration and escalating suggestions to the departments and Academy. The IQAC works in a participative and facilitative manner towards ensuring progressive quality initiative measures. It contributes to the academic and overall excellence of the Academy by validating the quality sustenance and enhancement strategies of the Institute especially those focusing on academic improvement, curriculum development, student learning outcomes, industry collaborations, research outputs, governance, and infrastructural improvements.

All these achievements and accomplishments could not have been possible without the continuous, constructive and unstinted support from our sponsoring Trust, all other esteemed members of the Trust and Board of Management, staff, students and well-wishers of SDUAHER.

**Dr. DVLN Prasad**  
Registrar  
SDUAHER

**SRI DEVARAJ URS EDUCATIONAL TRUST FOR BACKWARD CLASSES  
TAMAKA, KOLAR, KARNATAKA**

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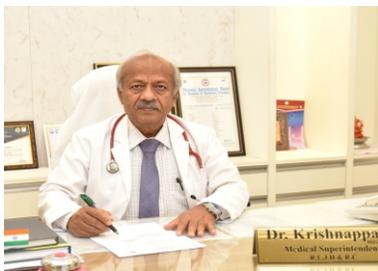
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**Dr. Usha G Shenoy**  
Chairperson, Women Empowerment Cell

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.75 5 K.M). from Kolar Town, Karnataka. Kolar is well connected by road, rail and air due its proximity to Bengaluru, which is 75 K.M away. The nearest Railway Junction, Bangarpet is 15 K.M away from Kolar.

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

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

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 Institution Deemed to be University.

Sri Devaraj Urs Academy of Higher Education and Research, comprising of Sri Devaraj Urs Medical College, conferred to 'Deemed to be University' status. 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 25<sup>th</sup> May 2007, vide Ministry of Human Resource and Development, Government of India, Notification No.F.9-36/2006-U 3(A) dated 25<sup>th</sup> 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 and Basic Sciences. The medical college offers Graduate Degree (MBBS), Post Graduate Degrees (M.D./M.S.), Super Specialty Program (M.Ch.) Doctoral Programmes in various clinical subjects 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), now renamed as University Centre for Health Professions Education (UCPHE) 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 and Basic Sciences offer Doctoral, M.Phil. Postgraduate and Undergraduate programmes. A total of six Ph.D programs are offered by the Faculty of Allied Health and Basic Sciences. The Department of Allied Health and Basic Sciences conducts vocational programs in six specialties and the Department of Cell Biology and Molecular Genetics offers innovative programs viz., M.Sc. in Molecular Biology and Human Genetics, Postgraduate Diploma in Genomic Technology, and Ph.D. in Molecular Biology and Cytogenetic Studies.

In addition, the university also offers postgraduate programmes in Public Health (MPH), Master of Physiotherapy, Master of Optometry & M.Sc. in Laboratory Technology under the aegis of the same faculty. Graduate Programmes on Audiology and Speech Language Pathology, Physiotherapy and Integrated B.Sc.- M.Sc. Programme on Clinical Nutrition and Dietetics are also offered.

Taking note of the current trends on integration of Complementary and Alternative Systems of Medicine (CAM) in medical practice world over, the university has established the Department of Integrative Medicine recently to provide holistic health care facilities to the patients suffering from chronic diseases. The department offers Post Graduate Diploma in Yoga Practice. The Department of Speech Pathology and Audiology is engaged in training manpower, providing high quality clinical services and undertaking research. The department is also engaged in early identification of communications disorders. The regulations and curricula for the courses offered under the faculty of Allied Health and Basic 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.

## MESSAGE



It is with great pride and optimism that I extend my warmest greetings to all faculty, students, and administrative staff of Sri Devaraj Urs Academy of Higher Education and Research (SDUAHER).

As we navigate through the academic journey of 2022-23, I am delighted to witness the unwavering commitment of our institution to the pursuit of excellence. SDUAHER stands as a beacon of quality learning experiences, fostering a disciplined and knowledge-oriented atmosphere on our Tamaka, Kolar campus.

Our academic faculty, with their admirable dedication, continues to shape the future of healthcare professionals. The diverse range of world-class programs, from MBBS and MD to Allied Health Sciences courses and Ph.D. programs, reflects our commitment to holistic education.

Under the inspiring vision of Late Shri R.L Jalappa, we are not merely an educational institution; we are a community dedicated to social justice and skill development. The continuous improvement of our infrastructure and the encouragement of faculty for ongoing learning and research underscore our commitment to staying at the forefront of medical education.

I applaud the hard work and diligence of our students, who have realized their ambitions and emerged as competent graduates. Your achievements make both your parents and educators proud, showcasing the tangible impact of our collective efforts.

As we look ahead, I express my heartfelt wishes to all members of the SDUAHER family. May the coming years see our institution reach new heights and emerge as a paragon of excellence in healthcare education. Together, let us continue to inspire and contribute to the noble cause of knowledge for posterity.

**Sri G H Nagaraja**  
Chancellor, SDUAHER

## MESSAGE



As we reflect on the journey of the Sri Devaraj Urs Academy of Higher Education and Research during the academic year 2023-24, it fills me with immense pride to share this Annual Report with all of you. It has been a year marked by growth, learning and collaboration and we continue to strive towards becoming a beacon of excellence in higher education.

We have made great progress this year across several areas - be it in our academic programs, research initiatives or community involvement. Our students have shown remarkable resilience and creativity, not only excelling in their studies but also contributing meaningfully to the larger community. Our faculty members have worked tirelessly to ensure that we remain at the forefront of innovative teaching and impactful research.

One of the highlights of this year has been the strengthening of our interdisciplinary research focus and the expansion of infrastructure to support both academic and co-curricular activities. We have also emphasized the importance of sustainability, ethics and social responsibility, which are vital components of the education we offer.

Our achievements are not just the result of individual efforts but are a testament to the collective spirit of the Sri Devaraj Urs Academy family. I am deeply grateful to our students, staff and faculty for their hard work, dedication and passion. It is because of your efforts that we continue to thrive and create meaningful impact.

As we move into the next academic year, let us continue to uphold the values that have shaped our institution and inspire each other to achieve even greater heights. Together, we can create a future where education is not only a tool for personal growth but a means to bring positive change to the world.

Here's to another year of success, collaboration, and excellence!

**Dr. B Vengamma**  
Vice Chancellor, SDUAHER

## MESSAGE



Dear Members of the University Community,

As we reflect on the achievements and milestones of the past year, I am honoured to convey my sincere gratitude to each one of you who has contributed to the success of our institution. The Annual Report serves as a testament to our collective efforts, showcasing the dedication, resilience, and innovation that define our university. The commitment to academic excellence, research prowess, and community engagement has been unwavering, reflecting the core values that define our institution. Our faculty members have continued to excel in their scholarly pursuits, producing impactful research that contributes to the advancement of knowledge in various fields. Their dedication to teaching and mentorship has played a pivotal role in shaping the intellectual growth of our students.

Our students, in turn, have exhibited exceptional resilience and a thirst for knowledge. Their accomplishments, both inside and outside the classroom, highlight the transformative power of education and the holistic development that we strive to foster. Collaboration has been a cornerstone of our success, and partnerships with industry, government, and other educational institutions have flourished. These collaborations have not only enriched our academic programs but have also created avenues for real-world impact and innovation. Our commitment to diversity, equity, and inclusion remains steadfast. We continue to create an environment that fosters a sense of belonging for everyone, embracing the richness that comes from diverse perspectives and experiences.

As we navigate the challenges and opportunities that lie ahead, I am confident that our shared commitment to excellence will propel us to new heights. Together, we will continue to shape the future of our university and make a lasting impact on the communities we serve. I extend my deepest appreciation to each member of our university community for your dedication, passion, and hard work. Your contributions are the driving force behind our success, and I look forward to another year of collective achievements and growth.

Let us work in unison and place SDUAHER at a higher pedestal that would be synonymous with our motto,

“Let well-being prevail”.

**Dr.D.V.L.N Prasad**  
Registrar, SDUAHER

**DRIVING FORCE****VISION:**

“University of Excellence - Knowledge for Posterity”

**MISSION:**

To be a global centre 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 overall personality development and leadership qualities to serve the humanity.

**OBJECTIVES:**

To provide need based infrastructure and facilities to students to become responsible professionals with social commitment and accountability.

To implement innovative programmes effectively in teaching, learning and evaluation.

To impart scientific and socio cultural temperament among students to forge national identity and needs.

To provide instruction and training in basic and advanced branches of learning.

To provide facilities for research for the advancement and dissemination of knowledge.

To undertake extra-mural studies, consultancy, extension programmes and field outreach services for the development of society.

To collaborate with other universities, institutions of excellence and research organizations within the country and outside for the purpose of teaching, training and research.

To undertake need based activities for the betterment of socially and educationally backward society.

The Perspective Plan of Sri Devaraj Urs Academy of Higher Education and Research has been prepared in consonance with its vision, mission and objectives for the years starting from 2018 to 2027 (10 years). This is the second perspective plan of SDUAHER being put forth as the first plan is coming to a close by the end of 2020 and majority of the goals envisaged in the first plan have been achieved in a time bound manner. The IQAC of the Academy has played a critical role in preparation of the second Perspective Plan document. The inputs from stakeholders on their expectations, the developmental plans in terms of academic, research infrastructure of SDUAHER and finally the administrative policies to support efficient governance form the theme of this document.

### **I .Quality teaching and learning**

Education imparted at SDUAHER level requires to be focused and its objectives should be well thought to meet the needs of the students to perform well in their respective fields of training. There should be a scope for the students to develop deeper and wider insights in to the courses of study. This would kindle their critical thinking and enhance ability to solve the problems. Thus SDUAHER keeping these perspectives as the backbone designs the curriculum, teaching, learning and evaluation activities and has planned the following academic goals to be achieved in a time bound manner.

To establish new Departments of studies in Allied Health and Basic Sciences, Humanities and other relevant fields of studies.

To create new faculties of studies by bringing the Engineering College, Nursing College and Management Colleges run by the Sri Devaraj Urs Educational Trust under the ambit of SDUAHER.

To work towards starting of multi-specialty courses in the subjects of Urology, Cardiology, Nephrology and Gastroenterology on a priority.

To establish sub-specialty clinics and start Fellowship Programmes in such areas of specialization.

To establish / create specialized centers of studies particularly in the areas of dysmorphism, learning and physical disabilities.

To start courses of interdisciplinary and innovative nature with an objective to promote skills and develop entrepreneurship development in collaboration with Institutions of Excellence and Industries.

To strengthen the e-learning process through conduct of workshop training programmes and create a considerable e-learning resources.

To effectively implement the academic reforms initiated by SDUAHER from time to time in consonance with its relevance to the training processes.

To bolster Curriculum Development Committee and to continue to develop and adopt innovative curricula for the courses already in vogue and also for the new courses (to be introduced in future) in accordance with the guidelines of statutory bodies wherever applicable.

To maximize the scope for add-on certificate courses / elective courses across all programmes.

To start Ph.D. programme in all departments as per the Ph.D. UGC Regulations - 2016.  
Diversification of education / courses at postgraduate and super specialty levels.

**II. Research – Led Academy**

Research and related scientific activities / programmes are accorded highest preference in SDUAHER. The faculty and students are encouraged to engage themselves in befitting research activities suiting to SDUAHER standard. Notwithstanding this, structured research leading to Ph.D. is encouraged in most of the academic departments. There is a special emphasis on inter-disciplinary research to give a fillip to the quality of research. In this direction, the joint initiatives of clinical as well as the basic science departments to conduct research have been encouraging. The following goals are envisioned in the Perspective Plan to enhance research capabilities and output:

To further strengthen the research capabilities by providing continued training in Research Methodology. Collaborate with institutions of Excellence for enhancement of quality of research and publications. Reinforce facilities for interdisciplinary research by enhancing the manpower and other facilities.

To strengthen the thrust areas of research identified by each department to facilitate advanced research in the concerned domains. Faculty to narrow down to specialized and unique areas of research for national and international recognition.

To create advanced center for research in congenital anomalies and learning disabilities.

To aim and attract extra-mural funding for research.

To engage in clinical trial research and establish required facilities in a time bound manner.

To perform research to opportunities for applying for patents.

To perform research to exploit various opportunities and scopes to obtain patents through research.

**III. Institution of choice for students**

To further augment co-curricular activities in a planned manner through NSS and YRC, NGOs etc. to endow students with soft skills and moral ventures

Construction of new Hostel for Medical College students.

Setting up of a separate Department of Information and Communication Technology (ICT) to support the initiative of e-governance and e-learning.

Construction of a new multipurpose Indoor Stadium to house facilities for Shuttle Badminton, Basket Ball, Volley Ball etc.

Construction of separate playground for Track events, Football and Cricket as well as a Swimming Pool.

**IV. High quality infrastructure & systems**

Availability and optimal use of infra-structural facilities are critical for efficient conduct of educational programs in SDUAHER. The development in the academic advancements in the institution should be coupled with a commensurate growth in the infrastructure and therefore it should be a continuous process. Apart from creating necessary facilities for academic programs, there should also be availability of supportive facilities in the campus for the overall pleasant and satisfying ambience to benefit all stakeholders. Creation of the following additional infra-structural facilities and strengthening of existing ones shall be the priorities of the institution during the Perspective Plan period 2018-2027:

To provide enhance the equipment profile as deemed necessary, for enhancing the quality of research, patient care and teaching-learning activities.

Construction of separate premises to accommodate School of Allied Health and Basic Sciences.

Setting up of a separate Department of Information and Communication Technology (ICT) to support the initiative of e-governance and e-learning.

Construction of new Boys' Hostel for Medical College students.

To have an independent University campus with separate administrative building, various departments of studies, Research Lab and other facilities.

Construction of a new Animal House and up gradation of Mortuary and Cold storage facilities.

Construction of a new multipurpose Indoor Stadium to house facilities for Shuttle Badminton, Basket Ball, Volley Ball etc.

Construction of separate playground for Track events, Food Ball and Cricket as well as a Swimming Pool.

#### **V. Responsible leadership and management**

SDUAHER appreciates the importance of Governance and Leadership in its right spirit and considers it as crucial and critical towards promoting this Academy to greater heights and fame to realize its vision, mission and objectives within the scope of academic and administrative autonomy bestowed by the UGC. Our resolve is to create an atmosphere which is congenial for keeping pace with the changing needs as per the global trends in education. The Governance and Leadership policies of this institute focus on the involvement of staff and students alike in the same loop. SDUAHER ensures that the governance policies are in tandem with growth plans of SDUAHER. The ethos of governance, include:-

1. Practice of academic audit, Performance Appraisal and analysis of Confidential Report are to be implemented forthwith for faculty and supporting staff.
2. To continue with the promotion of conduct of CME / Workshop / Seminars / Guest Lectures and aim to organize State / Regional / National level conferences of various professional organizations.
3. To establish and strengthen the collaborations with Non-Governmental Organizations (NGOs) to provide services relevant to societal needs.
4. Creation of student friendly compass with strict adherence to the Code of Conduct for students so as to inculcate discipline among students and make the campus a Ragging free Zone.
5. To institute and award Fellowships, Visiting Faculty / Adjunct faculty programme.
6. To train and utilize the manpower through capacity building programmes.
7. Enhancement of quality of administration by ensuring availability and use of relevant software by various functional units and achieve a state of integrated e-governance.
8. To work towards improving the NAAC accreditation status and obtain certification and accreditation from other relevant bodies.
9. Strengthening the functioning of Human Rights Cell (HRC), Women Empowerment Cell (WEC), Youth Red Cross (YRC), Red Cross Society (RCS), Non-governmental Organization (NGO) in a time bound manner to achieve the defined goals and objectives.
10. To promote the activities of Alumni Association (AA) and Parent Teacher Association (PTA) with well-defined activities and achieve them in a time bound manner.
11. To build qualitative strength in the use of Information, Communication and Technology in teaching,

12. To strengthen the system of feedback on teaching and evaluation system by the students so as to enable the teachers in developing a sense of responsibility and an attitude for improving their performance in teaching and evaluation processes.
13. To strengthen feedback analysis in a time bound manner to enable SDUAHER to initiate corrective measures for continuously improving its overall functioning.
14. To attract more consultancy services in the areas of health care services.
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16. To further provide internationalization of education by attracting more students and faculty from abroad.
17. To enhance the manpower availability for patient care, research and teaching- learning - training activities.
18. To aim for prudent fiscal management policies leading to a financially viable Academy.



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Professor, Dept. of Anesthesiology, SDUMC

Dr. Sahana S Murthy  
Asst. Professor,  
Dept. of Psychiatry, SDUMC

Dr. Harsitha, H.N  
Asst. Professor, Dept. of Community Medicine  
SDUMC

Dr. H.M Apoorva  
Asst. Professor,  
Dept. of Speech Pathology and Audiology,  
SDUAHER

Dr. Kalai Priya  
Asst. Professor of Clinical Nutrition and  
Dietetics, SDUAHER

Mrs. Punitha M  
Prof & HoD,  
Dept. of OBG Nursing,  
Sri Devaraj Urs College of Nursing, Kolar

Mrs. Kavitha P  
Nursing Tutor,  
Dept. of OBG Nursing  
Sri Devaraj Urs College of Nursing, Kolar

Mrs. Prameelamma N,  
Assistant Nursing Superintendent,  
RLJH &RC

Miss. Hemavathi L  
Sr. Executive,  
Office of the Registrar &  
Women Empowerment Cell  
SDUAHER

Mrs. Priyadarshini  
FDA,  
Dept. of Cell Biology and Molecular Genetics

Ms. Mrudula, MBBS Phase II

Ms. Shruthi, MBBS Phase II

Ms. Keerthana H.K, AHS – BASLP (1st Year)

Ms. Kavya Charitha, H & BS (2nd Semester)

Dr. Deena C Mendez  
Associate Professor,  
Dept. of Allied Health Sciences

### Publication Board

#### Chairman

Prof. B. Vengamma  
Hon'ble Vice Chancellor, SDUAHER

Dr. D.V.L.N Prasad  
Registrar, SDUAHER

Dr. Prabhakar K  
Principal, SDUMC &  
Dean Faculty of Medicine, SDUAHER

Dr. Dayananda C.D  
Dean Faculty of AH & BS, SDUAHER

Dr. Suresh T.N  
Professor & HoD  
Dept. of Pathology, SDUMC

Dr. Ashwini K Shetty  
Professor , Dept. of Physiology, SDUMC

Dr. Azeem Mohiyuddin S.M  
Professor & HoD  
Dept. of ENT

Dr. Prabhu E  
Professor, Dept. of Orthopaedics ,  
SDUMC, Kolar

Dr. Venkateswarlu Raavi  
Assistant Professor  
Dept. of Cell Biology & Molecular Genetics  
Faculty of AH & BS, SDUAHER.

Dr. Kalyani R  
Director, Research and Development Cell,  
SDUAHER

### Working Committee University Bioethics Committee

#### Chairperson

Dr.Ashwini K Shetty  
Associate Professor of Dept of Physiology,  
SDUMC

#### Members

Dr. Kalyani R  
Prof & Head, Dept of Pathology, SDUMC

Dr.Srinivasa Reddy P  
Prof & Head, Forensic Medicine, SDUMC

Dr.Sudha Reddy V R  
Prof & Head Dept of Pedicatricks, SDUMC

Dr. Prakash Dave  
Assoc. Prof. of Dept of Surgery, SDUMC

Dr. Anitha A  
Asst. Prof. Dept of Medicine, SDUMC

Mrs. Sarulatha H  
Prof. & Head Dept of Physiotherapy, SDUAHER

Dr. Sivakumara C.S  
Asst. prof. Dept. of CND, SDUAHER

#### Member Secretary

Dr. Geetha .S  
Associate Professor, Dept of Physiology, SDUMC

## Meetings of the Authorities of the University

### **Board of Management**

The Board of Management is the principal executive body of The University. The Board of Management met five times during the period from April 2023 to March 2024.

### **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 2023 to March 2024.

### **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 2023 to March 2024 the Finance Committee met twice.

### **Planning & Monitoring Board**

It is the principal planning body responsible for monitoring the development programmes of The University. During the period from April 2023 to March 2024, the Planning and Monitoring Board met twice and the 25<sup>th</sup> meeting was held on 18<sup>th</sup> December 2022.

### **Faculty of Medicine**

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 2023 to March 2024 and the 27<sup>th</sup> meeting was held on 18<sup>th</sup> October 2023.

### **Faculty of Allied Health and Basic 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 2023 to March 2024 and the 8<sup>th</sup> meeting was held on 2<sup>nd</sup> November 2023.

### **Board of Studies**

The following Boards of Pre - Clinical Subjects, Para Clinical Subjects, Anesthesiology, Radio diagnosis, OBG, Medicine, Dermatology, Psychiatry, Ophthalmology, ENT, Paediatrics, Orthopaedics, General Surgery, Allied Health and Basic Sciences, Cell Biology and Molecular Genetics, Clinical Nutrition and Dietetics, Physiotherapy, Audiology and Speech Language Pathology and Integrative Medicine subjects met twice in the year. The last meetings were held between 1<sup>st</sup> to 11<sup>th</sup> March 2024.

# Faculty of Medicine

## Sri Devaraj Urs Medical College



Sri Devaraj Urs Medical College, the constituent College of Sri Devaraj Urs Academy of Higher Education and Research College offers world class quality medical education to its students. The students admitted to our college are trained throughout their course so that they are ably equipped to meet the day to day challenges of health care delivery system.

Our students and faculty continue to scale greater heights and have received recognition and accolades in academics, such as teaching, learning and evaluation and also in non-academic activities, like sports, cultural events, delivery of quality patient care, door step community health services.

The college fosters an environment that encourages and promotes research culture among students and faculty. The numbers of research projects undertaken and publications have increased substantially during this year.

### Teaching

The college is equipped with all the necessary infrastructure and facilities for training of medical Under graduates and postgraduates.

The Medical College has adequate, highly qualified and motivated faculty who are engaged in teaching, training and evaluation activities. The faculty strives to instill a research culture among the students and works hard to attain the objectives set by the institution to accomplish the mission of quality health care.

The supporting staffs of the Medical College and Hospital are skilled and trained, adding to the strength of the institution.

The College has an annual intake of 200 MBBS seats and has 21 departments which offer postgraduate degree course. Currently there are 167 postgraduate seats in various disciplines and 2 Super Specialty departments with 6 PG. (Five departments run PhD programs currently we have 9 PhD scholars pursuing research in various fields. (10 PhD enrolled in 2023-2024)

### Cultural Activities

In house cultural competitions were conducted annually at our college. The college has various clubs that cater to the various extracurricular and non-academic interests of our students. These clubs are run by the student representatives under the able guidance of the experienced faculty. The clubs are vibrant and regularly conduct various events to help boost confidence among the students and to encourage them to learn new skills, manage time and express themselves in a better way.

The college has conducted Funmela in the month of May 2023, Parva in Sept2023 and Apollo-2024 in Feb-2024.

**MEU**

The Medical Education Unit of our college is vibrant with dedicated, enthusiastic faculty. To keep pace with the developments in Medical education and to update, train, equip and empower the teaching faculty in areas of teaching, evaluation, service and research, a new, standalone building for the Medical Education unit is being built according to the NMC criteria, on the third floor of the college building.

MEU was actively involved in training all medical faculty in implementation of CBME. Foundation course for First MBBS students, orientation course to second MBBS students, interns and post graduates were conducted. Research Methodology Workshop for Postgraduate students was conducted. The college has applied to upgrade the Medical Education Unit as a regional center to conduct faculty development programs in Medical Education Technologies.

The college has applied to upgrade the Medical Education Unit as a regional center to conduct faculty development programs in Medical Education Technologies.

**Library**

The Medical College Library has good infrastructure and learning resources which are periodically updated as per the needs of the students and faculty. The seminar hall is equipped with e-podiums, smart boards and internet connectivity. The University Library and Learning Resource Centre consists of 30720 volumes of books, 13636 back volumes (journals) and 1248 compact discs (CD).

The library subscribes to 85 Indian print journals in addition to 888 foreign e-journals.

The library subscribes to Clinical Key published By Elsevier Science, which consists

- 877+ Peer-reviewed Journals
- Fully Indexed MEDLINE® abstracts
- 1,020+ Full-text Books
- 1250+ Clinical Overview
- 10,000 Customizable Patient Education Handouts
- 6000 Practice Guidelines
- 4.2M+ Images
- All Clinical Trials
- 57,000+ Videos
- 300+ Procedural Modules

This year 936 new books and 525 Back Volumes were added to the library collection.

The library also subscribes to Up-to-date, J-Gate Plus (ShodhSindhu) & MedOne Communication Science published by Theme. These e-resources can be accessed anywhere, any time and by any Device by all the stakeholders using their institutional e-mail ID.

The Library provides research service support tools i.e. Grammarly and Turnitin (Plagiarism checking tool) software's to review spelling, grammar, punctuation, etc in English texts and to detect similarity of research work. The library has a well-equipped digital library with 1Gbps Internet bandwidth and 40+ computers, printers, scanners, and SPSS software to facilitate users enhance their reference-based research work.

### **Faculty and student research activities**

A Modern Central Diagnostic Laboratory provides all necessary investigations for patient care and research. A State-of-the-art Centre for Advanced Research and Excellence (CARE) has been established at our campus.

The center for Clinical Skills and Simulations, equipped with various state of the art simulators, provides essential hands- on-training to all the undergraduates, postgraduates, Interns and faculty.

Around 250 articles have been published by the faculty during 2023-2024 in various quality journals indexed under PubMed, Web of Science, Scopus, UGC care list and other indexed journals.

Students are encouraged to actively get involved in the research projects. The teaching faculty guides the students in ICMR project offered by ICMR and supports these activities.

A DHR project Titled "Identification of Sirtuin 1 gene polymorphism associated with fluorosis and type 2 diabetes mellitus" is under the department of Biochemistry, an external funded project with a grant of rupees nineteen lakhs and ten thousand.

A NIMHANS-NH-SKAN project Titled "Population based cohorts across stroke life course and development of a comprehensive stroke care model at district level" is under the department of Community Medicine, an external funded project with a grant of rupees thirty thousand.

A VGST Govt. of Karnataka project Titled "The effects of vitamin d3 gummies Supplementation of on blood glucose and markers of inflammation in obese adults" is under the department of CND, an external funded project with a grant of rupees three thousand.

The number of oral and poster presentations by the students in various conferences and publications has also increased considerably.

### **Community Health service**

Three Primary Health Centers, located at

1. Devarayasamudra
2. Sugatur
3. Vemgal are attached to the Medical College

The Medical College also runs its own Primary Health Centre at Devarayasamudra. The college also runs an Urban Health Training Centre in Kolar town at Gandhinagar.

Various health awareness events of importance are conducted regularly, by involving students as outreach activity. This community-oriented approach helps the students obtain first-hand information on the health issues of the community and create awareness among them. The students are regularly posted to health camps where they interact with the patients and their relatives in a compassionate manner under the guidance of the faculty. During these sessions they develop team building skills and learn to work in a health care team.

The department of Community Medicine conducts weekly medical camps on Saturdays at Smt. Ramamani Sundaraja Iyengar hospital at Narasapura and Millath Nagar, Apna Ghar camps for orphanage. The department conducts 5 National urban health mission camps in Kolar every month and 2 camps every month for intravenous drug users, transgenders, and commercial sex workers at various taluks of Kolar district in association with the nongovernmental organizations (NGOs) Sammilana and Sangama.

Physiotherapy, speech training sessions and medical care including free admission inpatient and outpatient services are provided to the children who are mentally challenged in a residential school at Antaragange and Rural Women and Children, Mulbagal taluk, Kolar District, a school for the physically/mentally challenged persons. 4 western type toilets were installed at this school.

The Department of Community Medicine has organized 221 medical camps with 15,085 beneficiaries in various parts of Kolar, with consultants from Departments of General Medicine, Pediatrics, OBG, Dermatology, ENT, Ophthalmology and others.

The camp included Consultants from the departments of General Medicine, Paediatrics, Dermatology, Orthopedics, ENT, General Surgery and OBG offer their specialist services at the Ayushmathi clinics of Dargamohalla, Kolar and Oorgaumpet, KGF.

Evening clinics have been started at Kolar OPD from 5:00 pm to 9:00 pm.

As a part of Family Adoption program, students have adapted 1950 families in 7 villages in Kolar district.

### **Teaching – Learning - Evaluation**

The College maintains high standard in Teaching, Training and Evaluation processes as evidenced by the high pass percentage. Last academic year, the UG pass percentage was 91% and PG pass percentage was 95.6%, 132 MBBS degrees, 93 - MD/MS degree for 2020-21 batch and 55 MD- 38 MS degrees for 2020-21 batch and 08 PhD degrees were awarded during the convocation. Fully integrated, innovative, curricula within the regulation of National Medical Commission have been prepared for the students to acquire adequate knowledge, requisite skills and competence.

Value Added Courses are conducted regularly in our College. These courses are aimed towards supplementing the curriculum to develop the students' own interests and aptitudes to enhance their employability. Around 5 Value Added Courses have been conducted by various departments in 2023-24.

### Parent-Teacher Association

The college has a registered Parent-Teacher Association which is active and regularly meets twice a year.

### Sports activities

Our Medical college team took part in various Inter-Medical Sports Fests within the state & outside the state in the academic year 2023-24. Volleyball Women's team were Winners in AFMC, Pune & Manipal, Mangalore. Cricket team were winners at JIPMER "SPANDAN" fest at Pondicherry. Swimming Contingent took part & bagged 8 Medals in AFMC Fest, Pune & 5 Medals at Manipal, Mangalore. Volleyball Mens Team were Runners Up in the NITTE ACCOLADES fest at KS HEGDE Medical College, Mangalore.

The Sports committee had conducted Fun Mela, Hospital day sports activities, FIT INDIA week Celebration & SDU IPL season 7 from CRICKET CLUB, PBL season 2 from Badminton Club, JA LIGA 3rd Season from Football Club. The Students were supported by issuing the Sports Dress Materials and the Management had also supported for the registration Fees, Travelling Allowance, Daily Allowance & Accommodation for all the fests when they represented our Academy for the Outside Fests.

### Scientific activities

The departments of the Medical College regularly conduct various professional enhancement activities including Continuing Medical Education programs, Conferences, Symposia, Workshops and Seminars.

### Faculty encouragement

The departments are recognized for the meritorious service extended and suitably rewarded.

### Overall growth

The Medical College faculties are highly motivated, enthusiastic and also there is good support & encouragement from The Academy. All staff members excel in teaching, patient care and in diagnostics. Dedicated faculty and constant support from the management continue to uphold the name of the institution and take it to greater heights.

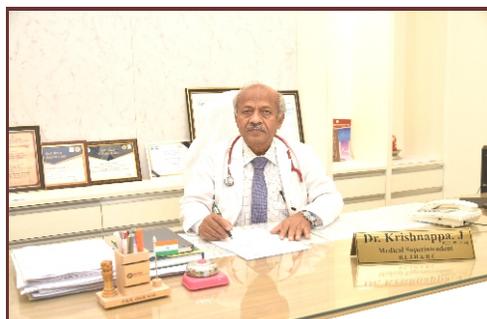
Our Faculty members are members of various academic boards as external members in other institutions and universities. They continue to expand and update their medical knowledge and skills by pursuing various Fellowships, PhD programs etc.

### Future plans

- To start PG program M.D. in Radiation Oncology and M.Ch. (Neuro-Surgery)
- Applied for accreditation with National Diplomate Board in Medical Sciences (DNB) in Immunohematology and Blood transfusion.
- To start the certificate course in Diabetology in the department of General Medicine.
- To strengthen the e-management system to facilitate the monitoring of the students, faculty and governance.
- To become the Regional centre for conduct of faculty development programs in Medical Educational Technologies.

**Dr. K Prabhakar**  
Principal, SDUMC/Dean, SDUAHER

## Hospital Report



R L Jalappa Hospital and Research Center was established in 1994 with the objective of providing accessible, high-quality healthcare services to the people of Kolar and surrounding areas. The primary goal of the hospital was to ensure that patients receive excellent medical care in their local community, emphasizing affordability and proximity to their homes.

Today R L Jalappa Hospital and Research Centre is 1204 bedded tertiary care multispecialty hospital attached to Sri Devaraj Urs Medical College, a constituent unit of Sri Devaraj Urs Academy of Higher Education and Research serving in an economically backward area.

It aims to provide high end tertiary health care complying with global standards at an affordable cost and at the same time joins hands to conduct high quality health care research thereby contributing to medical science.

This is the only center providing super specialty services in various health care in this region and stands out in emergency medical and surgical care particularly for life threatening, complicated high-risk cases and pandemic outbreak.

R L Jalappa Hospital and Research Center boasts a dedicated team of over 315 doctors, 417 nurses, 61 laboratory technicians, and 430 other skilled staff members, all working collaboratively to provide exceptional healthcare services.

The hospital provides affordable, inclusive and integrated approach to quality healthcare by including the services from Department of Cell biology and Molecular Genetics, Department of Speech Pathology and Audiology, Department of Physiotherapy, Department of Integrated Medicine and Department of Nutrition & Dietetics which come under Allied Health Sciences of this University contributing to treatment of patient and research. The hospital has MoU with Narayana Hrudayalaya, Bengaluru for managing cardiac cases.

The state-of-the art Critical Care Units and Operation theaters of the hospital have rendered top quality services to critically ill patients and has been the only center in this region efficiently attending to emergency and other illnesses thereby saving many precious lives.

The Nephrology and Dialysis services block has 24 dialysis units and is treating patients with end stage renal diseases thereby saving lots of lives.

During 2023 the hospital has provided 4,15,762 Outpatient care, 3,11,588 Inpatient care and more than 36,661 emergency medical and surgical care. The Central Diagnostic Laboratory Services has provided close to 23 lakhs i.e., 23,49,628 laboratory investigations. The hospital has performed 35,781 major and minor surgeries and has also conducted 2,336 deliveries in obstetric care services.

R L Jalappa Hospital operates a separate and specialized kitchen under the management of the Clinical Nutrition and Dietetics Department. This facility is dedicated to providing complimentary meals to patients and their attendants, ensuring their nutritional needs are met. Moreover, the hospital's kitchen also prepares therapeutically tailored meals specifically designed to meet the dietary requirements of individual patients.

R L Jalappa Hospital and Research Center stands out as the exclusive healthcare facility in the region to have earned full accreditation from NABL (National Accreditation Board for Testing and Calibration Laboratories) and NABH (National Accreditation Board for Hospitals and Healthcare Providers). This recognition reaffirms the hospital's commitment to maintaining exceptional quality standards and providing exemplary healthcare services to the community.

The management and administrators at R L Jalappa hospital and Research Center believe in achieving and sustaining the highest ranks received. Hence the Quality cell of hospital and Sri Devaraj Urs Academy of Higher Education and Research Center organized various workshops, guest lectures and faculty development programmes for its staff like, POI workshop for NABH, Patient safety skills, Safe medication practices, Clinical audit training, Medical certification of cause of death, Hands on skill Basic Life Support, Advanced Cardiac Life Support, Pediatric Advanced Life Support, Neonatal Advanced Life Support, advanced simulation skills for upgradation of clinical competencies along with mock drills on patient safety codes to prepare for the next cycle of quality accreditations.

In collaboration with the department of Microbiology, SDUMC, R L Jalappa Hospital has introduced Truenat PCR tests as an advancement in laboratory services. These tests enable rapid detection of various diseases such as COVID, dengue, malaria, chikungunya, leptospirosis, and scrub typhus, providing results within a remarkable timeframe of less than 3 hours. Additionally, in partnership with the Department of Biochemistry, SDUMC, the hospital has implemented a screening program for newborns to detect hypothyroidism at an early stage, facilitating timely treatment and preventing associated complications such as subnormal IQ.

Furthermore, the hospital now offers tests for procalcitonin, aiding in the judicious use of antibiotics through rationalized decision-making. These initiatives reflect R L Jalappa Hospital's commitment to leveraging cutting-edge technology for improved patient care and better health outcomes.

The Blood Center at R L Jalappa Hospital & Research Center is one of the largest Blood centre in our region, annually approximately fifteen thousand units of blood and blood products are transfused at our Center, as a part of Corporate Social Responsibility our hospital is regularly providing blood and blood products free of cost to needy patients. The Blood center is equipped with technology for apheresis and plasmapheresis procedures. This advanced equipment enables the extraction of platelets from a single donor, providing a valuable resource for patients with severe thrombocytopenia or those requiring multiple platelet transfusions.

Additionally, the processed platelets undergo leucoreduction, minimizing the risk of platelet reactions and promoting increased platelet count, with remarkable improvements seen from 30,000 to 60,000 cells/cumm. These capabilities at the Blood Centre contribute to enhanced patient care and improved outcomes for individuals in need of specialized platelet-related treatments.

The Emergency Medicine Department bay has been facilitated to all the stakeholders for reaching their essential needs at the hospital. The facilities include the introduction of comfortable seating arrangements, as well as the display of hospital tariffs for a comprehensive range of investigations and treatments. Additionally, a dedicated display unit has been installed to provide real-time information about the availability of ICU beds.

These enhancements aim to enhance patient experience, facilitate transparency in billing, and ensure efficient utilization of critical care resources. Recently the initiation of toxicology centre is an added advantage.

Our hospital provides a wide range of Oncological services, encompassing Medical oncology, Surgical oncology, and Radiation oncology, to ensure comprehensive care for cancer patients.

R L Jalappa Hospital is proud to offer a comprehensive Master Health Checkup package, encompassing various health assessments and laboratory investigations targeting multiple systems. The beneficiaries are Police staff, KOMUL, KSRTC, and Municipal workers are utilising these services through subsidized packages. This cost-effective package encourages and promotes early disease detection through regular screening, enhancing the overall health and well-being of our valued patients.

Considering Kolar's status as an economically challenged district in Karnataka, which shares administrative and political borders with neighboring states, R L Jalappa Hospital & Research Center has taken into account the geographic, administrative, and economic hardships faced by impoverished and remote patients.

In response, the hospital in association with the Department of Community Medicine, Sri Devaraj Urs Medical College has significantly expanded its healthcare outreach initiatives, organizing over 994 'Health Care Camps'. The success of these efforts can be attributed to the dedicated support and enthusiasm of the hospital's staff. These outreach activities have made a positive impact on the healthcare access of communities in Kolar and neighboring districts.

The Karnataka Government has directed our hospital to establish an ART Centre, an RLJH & RC has also partnered with Genea Fertility Centre in Bangalore to establish an Infertility Clinic, where many patients are receiving care alongside the OBG department. This strategic collaboration offers specialized care, innovative treatments, and personalized support to individuals and couples facing fertility challenges.

Additionally, our hospital provides services for hemophilia and thalassemia cases, ensuring that necessary medications are available free of cost.

RL Jalappa Hospital has also constructed a dedicated super-specialty healthcare facility to expand the hospital's infrastructure, accommodating the growing needs of our patients and further enhancing our services for the departments of Neurosurgery, Urology and Plastic Surgery OPDs as well as inpatient wards. We have successfully started a fully operational Nodal Centre for the treatment of HIV cases.

A fully sophisticated Deluxe Special wards consisting of 14 beds has been constructed for the affordable patients in the 1st floor of the hospital.

Looking ahead, RL Jalappa Hospital has exciting initiatives planned for the future.

- Neurodevelopment Services and Newborn Screening
- Nutrition Clinic
- Department of Immunohematology and Blood Transfusion (IHBT)
- Starting of IDCCM (Indian Diploma in Critical Care Medicine)
- Implementation of Electronic Medical Records RLJH & RC
- Establishment of Trauma Centre
- DNB in Nephrology
- DNB in Medical Oncology
- Initiation of Certificate courses- Nursing & Allied Health professionals
- Hospital Infection Prevention & Control Protocols
- Initiation of MCH programmes in Urology, Neurosurgery & Plastic Surgery
- Establishment of Organ Transplantation Services
- Starting of Cochlear Implant services
- Initiation of Master of Hospital Administration (MHA)

The above future plans reflect our sincere and continuous efforts to expand our infrastructure, enhance specialized care, and provide comprehensive healthcare services to our valued patients and the community we serve.

**Dr. Krishnappa J**  
Medical Superintendent  
RLJH & RC

**Vision :**

- To excel in providing quality medical education in Anatomy
- Conducting quality research
- 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 a well maintained museum, covering Gross Anatomy, Sectional Anatomy, Osteology, Radiology, Embryology, Genetics and Clinical Anatomy which are updated from time to time. All the 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. In Histology, students study about the microscopic identification of normal human cells and tissues. Histology lab has TV monitors connected to the microscope for demonstration of the microscopic tissue slides. Students are involved in active small group teaching, demonstrating gross structures emphasizing their clinical relevance and insight to cytology and basic structure of tissues, organs and basic genetics. Case studies expose students to clinical anatomy enhancing their analytical skills. The department also organizes body donation program. There are 2 Ph.D. scholars undertaking quality research in their area of interest.

**Thrust areas:**

- Morphogenesis
- Histogenesis and Medical genetics
- Anthropology

**Teaching Faculty****From L to R sitting:**

Dr. Shashidhar K , Dr. Shantharam V , Dr. Venkateshu K.V, Dr. Ashwini N.S, Dr. AzraMubeenKarnul

**From LtoR standing 1<sup>st</sup> row:**

Dr. Suresh T,Ms P Bhavyasree, Dr. PoulomiBanik

**Teaching Faculty Details:**

<b>Name</b>	<b>Designation</b>
Dr. Venkateshu K V	Professor and HOD
Dr. Ashwini N S	Professor
Dr. Shantharam V	Professor
Dr. AzraMubeenKarnul	Professor
Dr. Shashidhar K	Associate Professor
Mr. Suresh T	Lecturer
Ms. P Bhavyasree	Tutor
Dr. PoulomiBanik	Tutor
Dr. AkankshaDevaraj	Tutor
Dr. Harshitha G	Tutor
Dr. G. Koushik	Tutor
Dr. NirupBasapla	Tutor
Dr. Bhagath V	Tutor
Dr. Nelluri Rakesh	Tutor

**Details of programmes attended by faculty:**

<b>Event</b>	<b>Date(s)</b>	<b>Nature and theme of the program</b>	<b>Name of the Faculty attended</b>
Fellowship	09-10-2023	Famer fellowship 2023	Dr. Ashwini N S
Workshop	09-06-2023	Attended National workshop on plastination technique at "Dr Chandramma Dayanand Sagar Institute of medical education and research - Bangalore"	Dr. AzraMubeenKarnul
Workshop	14-09-2023	DELEGATE in the Pre-Conference Workshop titled Adding Immunochemistry of Histology	Dr. Shashidhar K
Workshop	14-09-2023	DELEGATE in the Pre-Conference Workshop titled Adding immunochemistry to histology Kasturba Medical college, Manipal	Dr. PoulomiBanik
Workshop	14-09-2023	DELEGATE in the Pre-Conference Workshop titled Museum Techniques – from Embalming to Mounting.	Ms. P .BhavyaSree

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

<b>Oral presentation</b>	<b>Subject</b>	<b>Name of the faculty concerned</b>
Oral paper presented on "Variations on liver morphology"	23 <sup>rd</sup> annual KCACON held on 15 & 16 September 2023 at Kasturba Medical College, Manipal	Dr. AzraMubeenKarnul
<b>Oral paper presentation</b> A study of origin of coronary arteries in human cadaveric hearts of South Karnataka	23 <sup>rd</sup> annual KCACON held on 15 & 16 September 2023 at Kasturba Medical College, Manipal	Dr. Shashidhar K
Evaluation of proximal femur geometry in the Indian population using digital radiography and dry bone measurement with its clinical implications	23 <sup>rd</sup> annual KCACON held on 15 & 16 September 2023 at Kasturba Medical College, Manipal.	Dr. PoulomiBanik
Relationship of carrying angle with grip strength in various parameters - A cross-sectional study.	23 <sup>rd</sup> annual KCACON held on 15 & 16 September 2023 at Kasturba Medical College, Manipal.	Dr. BhavyaSree

**Details of Research projects****Completed:**

<b>Title of the Research Project</b>	<b>Principal Investigator</b>
Greater Omentum – A Cadaveric Study on morphology Development and Rare Variants of Omental Mass and Their Role in Flap Reconstructive and Vascular Surgeries	Dr. Venakteshu K V
1. Proximal Tibia Morphometry in South Indians: Tailoring Knee Prosthesis for Precision  2. Greater Omentum – A Cadaveric Study on morphology Development and Rare Variants of Omental Mass and Their Role in Flap Reconstructive and Vascular Surgeries	Dr. Ashwini N S
1. Published original research article on 'Study on morphometry of jugular foramina and its clinical importance' in European journal of cardio vascular medicine. Vol 14. Issue:2. (March 2024)  2. Published original research article on 'Study of different types, linear & angular measurements of coracoid process of scapula in different planes with clinical implication' in research journal of medical sciences. Oct 2023.  3. Published a case report on 'Holt -Oram syndrome' - A case report, J of cardiovascular disease Research, May 2023; 14(01)3301 -3306.	Dr. AzraMubeenKarnul
Linking histopathological changes in intervertebral disc with lumbar muscles strength. July, 31, 2024	Mr. Amlesh Kumar Yadav

**Ongoing:**

Title of the research project	Principal Investigator
1. Dermal sinus at different levels of vertebrae. 2. How effective radiology teaching is for 1 <sup>st</sup> year MBBS 3. Aberrant Renal arteries – A Case series 4. Presence of arc of Riolan and Portal vein variation: A Case report 5. Importance of adductor tubercle as a bony landmark for total knee arthroplasty and vascular surgery	Dr. AzraMubeenKarnul

**Postgraduates:**

Details of the Honor/Award/Fellowship	Awarded by	Awarded to
Ph.D	SDUAHER	Dr. Suresh T

**Any other important information:**

- Team based learning in Dissection for I MBBS students.
- Assignments on difficult topics and feedback to the students regarding the content in the topics.

**Vision:**

- To excel in Academics, Research, Diagnostics and Patient care
- To promote innovative and competency-based teaching learning evaluation across all the programs and courses
- To encourage conducive research environment and promote translational research

**Introduction:**

Department of Biochemistry was established in the year 1986 as an undergraduate department with an intake of 150 admissions per Academic year. The department was upgraded to Post Graduate MD department in the year 2006 with an intake of one PG per year. Later in the year 2009 it was sanctioned with an additional PG MD seat. In the year 2009 the department was sanctioned with admission for 02 Ph.Ds. Till date, nine PG MD candidates have successfully completed the course. Ten candidates were awarded with Ph.D., and 02 candidates joined Ph.D program under the Faculty of Medicine.

The department is also involved in collaborative PG & Ph.D., teaching-learning-evaluation and research activities for the students admitted for the programs.

Department has well trained faculty with rich research experience in their respective thrust area. Faculties are actively involved in research and are sanctioned with extramural funded DHR ICMR- Grant in Aid to a tune of more than INR 10 lakhs. Faculty is also involved in intramural funded projects, consultancy projects, clinical trials and other collaborative research activities. Faculties also support the various extension activities such as camps where Biochemistry related investigations are involved. Faculties are also involved in student research projects sanctioned and approved by STS ICMR and SDUAHER projects.

The infrastructure facilities enhance the teaching-learning-evaluation, research, consultancy and extension activities.

The Department has established “Fluorosis Research & Referral Laboratory (FRRL)” which has been notified as a Center of Excellence by Sri Devaraj Urs Academy of Higher Education and Research. The purpose of establishment of FRRL is to address the societal needs and community health. Ever since its establishment, FRRL has been actively involved in addressing the fluorosis and its linked disorders not only with respect to humans but also extending to horticulture, floriculture, bovines with a future plan of extending the services to others.

**Thrust areas:**

- Fluorosis Research & Mitigation
- Novel Biomarkers
- Oxidative stress

**Teaching Faculty Details:**

**Sitting: L to R:** Dr. Sai Deepika R, Ms. P. Sharon Rose, Dr. Munilakshmi U, Dr. Shashidhar KN, Dr. Prabhavathi K, Dr. Susanna TY, Dr. Soumya N

**Standing: L to R:** Dr.Sujana Raj, Dr.Pragathi U, Dr.Satydeo Kumar Singh, Mr. Ramagiri Sateesh, Dr.Vishnu Vilas DM, Dr.Prashanth DP,Dr.Niranjan

**Details of programmes attended by faculty:**

Name	Designation
Dr. Prabhavathi.K	Professor & HOD
Dr.K.N.Shashidhar	Professor
Dr.Susanna.T.Y	Professor
Dr. Munilakshmi.U	Assistant Professor
Dr.Soumya N	Assistant Professor
Dr.R Sai Deepika	Assistant Professor
MS.P.Sharon Rose	Tutor
Dr.Satydeo Kumar Singh	PG cum Tutor
Dr.Pragathi U	Tutor
Dr.Sujana Raj	Tutor
Dr.Niranjan	Tutor
Dr.Prashanth DP	Tutor
Dr.Vishnu Vilas DM	Tutor

**Details of programmes conducted:**

Program	Date(s)	Nature and theme of the program	State National/International Level
CME	12 <sup>th</sup> April 2023	New Horizons of CRISPR -Cas	International
Guest Lecture	14 <sup>th</sup> June 2023	Stem Cell Therapy for Neurodegenerative Diseases	National

**Details of programmes attended by faculty:**

Date(s)	Nature and theme of the program	Name of the Faculty attended
29-9-2023 and 30-09-2023	Attended the workshop & Conference on IEM metabolic meet 2023 Department of Biochemistry & Pediatrics, KMC Manipal	Dr. Prabhavathi K
13-12-2023 to 15-12-2023	BMSeCon 2023, 4 <sup>th</sup> International Conference (Online)	Dr. Soumya N

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

Oral presentation	Subject	Event	Name of the faculty concerned
Oral (Online)	Exploring pedagogical Paradigms: A comparative analysis of small Gro up up Discussion and Didactic lectures in Biochemistry Education for I MBBS students	BMSeCON – 13 <sup>th</sup> to 15 <sup>th</sup> December 2023	Dr.Soumya N
Oral (Online)	Precision in practice: Implementing objective structured practical Examination for Robust Assessment in Medical Biochemistry	January 23 to January 25,2024 HPEdCON 2024	Dr.Soumya N

**Details of Poster Presentation**

Poster presentation	Subject	Event	Name of the Faculty concerned
Poster	Auditing Critical values in Clinical Biochemistry Laboratory as a step towards Quality Improvement in a Tertiary care Hospital in Rural South India",	Conference on IEM metabolic meet 2023 on 30-09-2023 at KMC Manipal	Dr. Prabhavathi. K

**Details of Research projects****Completed:**

Title of the Research Project	Principal Investigator
Serum Total Bilirubin and oxidative stress status in Diabetic Retinopathy A hospital based observational study	Dr.Prabhavathi.K
To find association of Fluoride in Diabetes Type 2 and its Microvascular Complications. A Tertiary Care Rural Hospital Case Control Study	Dr. K.N.Shashidhar

**Ongoing**

Title of the research project	Principal Investigator
Identification of Sirtuin1 Gene Polymorphism Associated with Fluorosis and Type II Diabetes Mellitus	Dr. Shashidhar KN
Quantitative assessment of Interleukin -6 in patient with Oral squamous cell carcinoma	Dr. Susanna. T. Y

**Project submitted for approval: STS 2023- 24 – add this to either completed or ongoing projects.**

Title of the research project	Principal Investigator	Remarks
Association of serum cortisol and prolactin in diabetic retinopathy	UG Student: Ms. Aishwarya Pandey Guide: Dr.Prabhavathi.K	Approved
Association of calcium levels, urinary fluoride and WOMAC score in knee osteoarthritis	UG Student: Mr. NachiketNareshPandey Guide: Dr. Shashidhar KN	Not Approved
Study of fluoride and thyroid profile status in pregnancy of second trimester	UG Student: Ms. Saakshi Bohra Guide: Dr.Munilakshmi U	Approved
Correlation of serum ferritin and IL -6 with TyG index HOMA -IR in type 2 Diabetes Mellitus	UG Student: Mr.Monish RN Guide: Dr.Soumya N	Not Approved
A Hospital Based Retrospective Observational Study on Effect of Dialysis on Iron Profile and Hematological Parameters in male and female	UG Student: Mr. MrigankakushalBourah Guide: Dr. R.Sai Deepika	Approved

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

Details of the Honor/Award/Fellowship	Awarded by	Awarded to	State National/International Level
Ph.D	Sri Devaraj Urs Academy of Higher Education and Research	Dr.Susanna TY	Institutional

## MD/MS Dissertations / PG/Ph.D thesis (2023-24batch only)

Topic	Name of the student	Name of the Guide	Name of the Co-guide (if any)
Comparison and correlation of procalcitonin and hsCRP as an inflammatory marker with type 2 diabetes mellitus with myocardial infarction: A hospital based cross sectional study	Dr.Satydeo Kumar Singh	Dr.Prabhavathi.K	Dr.Raveesha A Professor Department General Medicine
Expression of ANGPTL3b and IGFBP4 in Diabetic Nephropathy of Fluoride exposed population: A cross sectional study	Ms.P Sharon Rose	Dr.Shashidhar KN	Dr.Raveesha A Professor Department General Medicine
Association of Urinary Nephryn, Urinary Podocalyxin with Microalbumin in Early Detection and Progression of Diabetic Nephropathy	Mr.RamagiriSateesh	Dr.Shashidhar KN	Dr.Raveesha A Professor Department General Medicine

**Any other important information:**

- Department faculty published 12 Research Articles/ Review/ Chapter in Books in Scopus/ PubMed and Web of Science indexed Journals during the period of April 2023 to March 2024.
- Fluorosis Research and Referral Laboratory (FRRL): Research Consultancy: KMC Manipal PhD samples of animal study was analysed on 16.04.2023 and generated revenue of Rs. 5850/-
- Department conducted fluorosis awareness camp for school students on 12.10.2023 and 05.03.2024. Collected urine samples of all students, analysed fluoride in urine and despatched reports of the same.
- As a societal responsibility: Eight newspaper articles were published in different local newspapers. – what were the articles about? Did they all have a common theme or different themes? Mention the theme.

## Department of Physiology

### Vision:

- To foster academic excellence
- To inculcate Research aptitudes among students
- To equip Faculty with skills to rise to the challenges of medical profession.

### Introduction:

The Department of Physiology at Sri Devaraj Urs Medical College, Tamaka, Kolar plays a pivotal role in laying the foundation for understanding the human body's normal functions, which is essential for medical students, allied health professionals, and postgraduate scholars with a focus on Cardiorespiratory Physiology, Autonomic Function, and Neurophysiology, the department provides an integrative approach to learning, emphasizing competency-based medical education as per the National Medical Commission (NMC) guidelines. The department engages in research, fostering scientific curiosity and innovation among students and faculty. The department runs Postgraduate & PhD programme.

### Thrust areas:

- Neurophysiology
- Cardiovascular physiology
- Environmental physiology

### Teaching Faculty:



### Starting with the front row:

**Setting row from L-R:** Dr. Usha G Shenoy, Dr. Geetha S, Dr. Jagadamba A & Dr. Vinutha Shankar M S

**Standing row L-R:** Dr. Mamatha Shree C, Dr. Shobha M V, Dr. Ashwini K Shetty & Dr. D Dinakar Reddy

### Teaching Faculty Details :

Name	Designation
Dr.Jagadamba.A	Professor & HoD
Dr.Vinutha Shankar.M.S	Professor
Dr.Shobha.M.V	Professor
Dr. Ashwini K Shetty	Professor
Dr.Geetha.S	Professor
Dr.Mamatha Shree .C	Asst.Professor
Dr. Usha G Shenoy	Asst.Professor
Dr. D. Dinakar Reddy	Postgraduate

**Details of programmes conducted:**

Program	Date(s)	Nature and theme of the program	State National/International Level
Webinar	08/04/2023	Nutrition in cardio -respiratory Fitness	National Level
	21/09/2023	Dementia Risk and Prevention: Are we there yet? Alzheimer's Day	International Level
Health event	11/12/2023 to 15/12/2023	Physiology Week - Membrane Transport - E-poster presentation	Institutional Level

**Details of programmes attended by faculty:**

Date(s)	Nature and theme of the program (e.g. Workshop on Perinatal Mortality)	Name of the Faculty attended
29/03/2023 to 01/04/2023	Curriculum Enrichment Program for Post graduate students – PREPARE 2023	Dr.Vinutha Shankar M S
17/06/2023	CME cum Workshop on Electrophysiology tools in nerve & Muscle diagnostic	Dr.Vinutha Shankar M S
17/06/2023	CME cum workshop titled Electrophysiology tools in nerve & Muscle diagnostic	Dr. Mamatha Shree C
13/06/2023	Webinar on Data analysis made easy with Jamovi software – Comparison of two means	Dr.Jagadamba A
20/07/2023 & 21/07/2023	Conference on Physiology & lifestyle medicine	Dr.Mamatha Shree C
27/08/2023 to 30/08/2023	Symposium on developing Education Technology skills among clinicians in India at AMEE 2023 "inclusive learning environments to transform the future	Dr.Vinutha Shankar M S
29/09/2023 to 30/09/2023	Conference workshop on EPAs for competency-based assessment in the Medical Education Conference (MEDUCON - 2023)	Dr.Vinutha Shankar M S
04/10/2023 to 05/10/2023	Workshop on implementation science research	Dr.Geetha S
17/11/2023.	Workshop on Leadership Skills for Health Professional Educators	Dr.Vinutha Shankar M S, & Dr.Ashwini K Shetty
18/11/2023	Course on Animal Physiology, SWAYAM, NPTEL.	Dr.Geetha S
28/12/2023 to 02/01/2024	Workshop on Counting Medical Education	Dr.Vinutha Shankar M S

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

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Poster	Needs assessment for inclusion of Artificial Intelligence in Undergraduate Medical Curriculum” Medical Education	MEDUCON - JIPMER 2023	Dr.Ashwini K Shetty
Poster	Improving critical thinking among I MBBS students through an E-learning module on reproductive physiology	MEDUCON - JIPMER 2023	Dr.Geetha.S
Poster	A study on effect of obesity and hypertension on left ventricular geometry and function in a symptomatic adults	Virtual International conference on Physiology & lifestyle medicine at AIIMS, Bibinagaru	Dr.Mamatha Shree C

**Details of Research projects**

**Completed:**

Title of the Research Project	Principal Investigator
Impact of internet addiction on heart rate variability in young adults	Dr.Jagadamba A
influence of internet addiction on critical fusion frequency in young adults	Dr.Jagadamba A
Knowledge & practice of personal hygiene among school children in Kolar & intervention on h and hygiene	Dr.Jagadamba A
Quality of life assessment in the first episode of acute coronary syndrome	Dr.Vinutha Shankar M S
Effect of mobile phone radiofrequency electromagnetic radiations on oxidative stress and feeding behavior in Sprague Dawley (SD) rats	Dr. Vinutha Shankar M S
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
Efficiency of Bimanual hand coordination among Type 2 Diabetes Mellitus Adults	Dr.Ashwini K Shetty
Development and validation of inter professional health education module for management of gestational diabetes mellitus	Dr.Ashwini K Shetty
Perception of competency based medical education – Insights from past three batches	Dr.Ashwini K Shetty

**Ongoing:**

<b>Title of the research project</b>	<b>Principal Investigator</b>
Effect of enriched environment on memory and learning in Streptozotocin induced Type 1 diabetic rats	Dr.Geetha.S
Association Between Body Composition and Markers of Inflammation Among obese and Nonobese individuals - A pilot study	Dr.Ashwini K.Shetty
Radiation induced alteration in gut microflora of rats .	Dr.Vinutha Shankar
Pulse pressure as a Predictor of Cardiac Autonomic imbalance in Orthostatic intolerance subjects	Dr.Jagadamba A
Study of smartphone addiction and its association with blood pressure among Young Adults -Cross sectional study	Dr.Shobha M V
Arterial stiffness assessed by pulse wave velocity as a predictor of cardiovascular risk factor in cancer patients	Dr. D. Dinakar Reddy

**MD/MS Dissertations / PG/Ph.D. thesis (2022-23 batches only)**

<b>Topic</b>	<b>Name of the student</b>	<b>Name of the Guide</b>	<b>Name of the Co-guide (if any)</b>
Arterial stiffness assessed by pulse wave velocity as a predictor of cardiovascular risk factor in cancer patients .	Dr.D.Dinakar Reddy	Dr.Jagadamba.A	Dr.Abhay.K

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

<b>Details of the Honor/Award/Fellowship</b>	<b>Awarded by (e.g. University/ Association etc.)</b>	<b>Awarded to (Name of the Individual)</b>	<b>State National/ International Level</b>
International FAIMER Institute fellowship, FAIMER Institute Philadelphia	FAIMER Institute Philadelphia	Dr.Vinutha Shankar M S	International Level
M-FIILPE -2023	MAHE-FAIMER International Institute for Leadership in Interprofessional Education (M - FIILPE)	Dr.Shobha M V	International

Best poster in Virtual International conference on Physiology & lifestyle medicine	AIIMS, Bibinagar	Dr.Mamatha Shree C	International Level
"Best Team Performance at the Diamond Jubilee Workshop on "Implementation Science Research	Centre for Advanced Research & Excellence in Autism & Developmental Disorders (CARE - ADD)and Division of Clinical Research and Training (DCRT), St. John's Medical College and Research Institute	Dr.Geetha S	National level

## 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's and chemicals were procured for undergraduate practical teaching. Post graduate course in MD pathology was started in 2003 with 2 admissions per year which was increased to 4 since 2010 and later on increased to 8 seats since 2020.

The department now has well stocked computerized museum arranged systematically with corresponding legends. Department used interactive teaching learning methods and has adequate teaching material. Central diagnostic laboratory has state of the art clinical pathology, cytopathology, frozen section, histopathology with special stains and immunohistochemistry.

### Thrust areas:

Application of Immunohistochemistry markers and molecular markers for the diagnosis / prognosis of following malignancy.

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

### Cytopathology:

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

**Hematology:** Platelet Indices, Bleeding and coagulation studies

### Teaching Faculty:



L-R: Row 1, Dr.Supreetha MS, Dr Kalyani R, Dr TN Suresh (Professor & HoD), Dr.Hemalatha.A  
Dr.Shilpa.MD,

L-R: Row 2: Dr.Sowmya, Dr.Sneha K, Dr.Poorni , Dr.Pradeep Mitra, Dr.Sudharshan,

L-R: Row 3: Dr.Priyanka, Dr Deepika, Dr Divya , Dr Mekhala Roa, Dr Geethanjali Burbure,  
Dr.Satadruthi, Dr Sowjanya, Dr Theja, Dr Ranjith Dr Haneena, , Dr Queen Mary

L-R: Row 4: Dr Sushma , Dr Nikitha, Dr Manju Alex, Dr Bhadra, Dr Kamala, Dr Zubiya,  
Dr.Ambika, Dr Prathibha,Dr Haneena,Dr Queen, Dr Gandhi Mit,Dr Dheeraj,  
Dr Harikrishna,Dr Parvej Singh

**Teaching Faculty Details:**

Name	Designation
Dr.T.N.Suresh	Professor and HoD
Dr.Kalyani.R	Professor
Dr.Hemalatha.A	Professor & Blood bank Incharge
Dr Supreetha M S	Associate Professor
Dr Shilpa M D	Associate Professor
Dr.Poorni Barathi	Assistant Professor
Dr Sneha K	Assistant Professor
Dr. Sowmya Hadamani	Assistant Professor
Dr Pradeep Mitra	Assistant Professor

**Details of programmes conducted:**

Program	Date(s)	Nature and theme of the program	State National/International Level
CME	2-03-24	19th Annual Pathology CME "An Assorted bag of Glass Slides"	National level
Guest Lecture	24-7-2023 17-11-2023 18-01-2024	1.Alumni revisit with wisdom - series of guest lectures 2.International pathology day celebration 3.Grossing techniques: Dr Usha Kinni	Institutional

**Details of programmes attended by faculty:**

Event	Date(s)	Nature and theme of the program	Name of the Faculty attended
CME	25th May 2023	Prevalence of Thalassemia in India	Dr Hemalatha
	3rd June 2023	Cytology CME: Little is a lot	Dr Shilpa MD Dr Poorni
	26th & 27th July 2023	Lung Pleura mediastinal pathology	Dr Vajja Nagaraj
	5th August 2023	National CME on Neoplastic Pathology of lungs	Dr Sneha K
	9th & 10th August 2023	Diamond Jubilee CME	Dr Vajja Nagaraj Dr Queen Mary

	23rd September 2023	CME on soft tissue tumors: An insight & update	Dr Poorni Dr Sneha K Dr Vajja Nagaraj
	23rd November 2023	SSMC pathology CME	Dr Shilpa MD Dr Supreetha MS Dr Sowmya
Conference	6th -8th October 2023	State level KAPCON conference	Dr TN Suresh Dr Kalyani R Dr Hemalatha A Dr Shilpa MD Dr Pradeep Dr Priyanka Dr Zubiya Dr Sahithi Dr Bhadra Dr Manju
	6th-9th October 2023	MAPCON conference	Dr Supreetha MS
	4th-5th November 2023	International Pathology conference on Molecular updates of cancer	Dr Pradeep Mithra
	5th-7th February 2024	International CME on Cervical cancer elimination by 2030	Dr Kalyani R

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

<b>Oral / Poster presentation (specify)</b>	<b>Subject</b>	<b>Event</b>	<b>Name of the faculty concerned</b>
Oral	Application of six sigma principle in preanalytical quality for hematological specimens	Diamond Jubilee CME in Pathology St John's Medical college 9th-10th August 2024	Dr Queen Mary
Oral	Role of Insulin likeGF2mRNA binding protein 3 IHC expression in triple negative breast cancer as prognostic factor	5th Annual IAPM APCPON 2023 NRI medical college 16th-17th September 2023	Dr Kamala

Oral	Immunohistochemical expression of tumor infiltrating lymphocytes CD8 & FOXP3 in invasive ductal carcinoma of breast	KAPCON 2023 6th-8th October 2023	Dr Zubiya
Oral	Comparative Evaluation of honey VS alcohol as fixative in cytological samples: An institutional study	KAPCON 2023 6th-8th October 2023	Dr DVS Priyanka
Oral	Expression of programmed death ligand 1 in invasive breast carcinoma & its association with clinicopathological parameters-A cross sectional study	KAPCON 2023 6th-8th October 2023	Dr Shilpa MD
Oral	An audit of breast carcinoma histopathology reports as per the international collaboration on cancer reporting criteria	KAPCON 2023 6th-8th October 2023	Dr Hemalatha A
Oral	Tumor response in solid malignancies after neoadjuvant therapy: A histopathological study	MAPCON 6th-8th October	Dr Supreetha MS
Oral	Change in Knowledge, attitude and practice towards blood donation before & after awareness programme	KAPCON 2023 6th-8th October 2023	Dr Sahithi
Oral	Knowledge attitude & Practice regarding cervical cancer among third & final year medical undergraduates	6th National conference of Association of cytologists & histopathologists 2023 at Thiruvallnelli Medical college 15th-16th December	Dr Haneena
Oral	Knowledge attitude & Practice regarding breast cancer among third & final year medical undergraduates	6th National conference of Association of cytologists & histopathologists 2023 at Thiruvallnelli	Dr Divya

**Details of Poster presentation:**

<b>Oral / Poster presentation (specify)</b>	<b>Subject</b>	<b>Event</b>	<b>Name of the faculty concerned</b>
Poster	Evaluation of epithelial mesenchymal transition markers expression & its correlation with hormonal markers & prognostic markers in invasive ductal carcinoma of breast	KAPCON 2023 6th-8th October 2023	Dr Kalyani R
Poster	Synchronous or metastatic gastric & ovarian malignancies: A diagnostic challenge	International conference on GI pathology Panimalar medical college hospital & research institute 17th to 18th August 2023	Dr Sahithi
Poster	Hybrid verrucous carcinoma: To report or not to report	International conference on GI pathology Panimalar medical college hospital & research institute 17th to 18th August 2023	Dr Nikitha
Poster	Atypical meningioma of spine - Role of pathologist in predicting prognosis	International conference on GI pathology Panimalar medical college hospital & research institute 17th to 18th August 2023	Dr Zubiya
Poster	Pearls in a pool: primary mucinous carcinoma of eyelid	4th Annual conference of Hyderabad academy of Pathologists 2nd to 3rd March 2024	Dr Sharju Bala
Poster	Evaluation of platelet indices in coronary artery disease patients : An institutional study	4th Annual conference of Hyderabad academy of Pathologists 2nd to 3rd March 2024	Dr Kamala
Poster	Bilateral vocal cord mucormycosis-A case report	6th National conference of Association of cytologists & histopathologists 2023 at Thiruvallnelli Medical college 15th-16th December	Dr Ambika

**Details of Research projects****Completed:**

<b>Title of the Research Project</b>	<b>Principal Investigator</b>
Expression of LC3A and LC3B in invasive ductal carcinoma of breast and it's association with clinicopathological parameters	Dr Divya, Dr Kalyani R
Immunohistochemical expression of MDM2 in invasive ductal carcinoma of breast and its association with histopathological parameters and hormonal status.	Dr.Priyanka DVS Dr Kalyani R
Expression of Claspin in Squamous cell carcinoma of cervix and it's association with p16 and clinicopathological parameters.	Dr. Haneena Dr Kalyani R
Programmed death ligand -1 and mutl homolog -1 expression in colorectal cancer and it's association with clinicopathological parameters.	Dr. Queen Mary Dr TN Suresh
Immunohistochemical expression of E-Cadherin in cytotrophoblasts, syncytiotrophoblast and blood vessels in placenta of pre eclampsia.	Dr.Sahiti DR Hemalatha A
Assessment of tumor proliferation by use of the mitotic activities index, KI 67 and phosphohistone H3 expression in infiltrating ductal carcinoma of breast.	Dr. Zubiya Dr TN Suresh
Pre analytical errors of risk management of hospital based : An impact of failure mode	Dr.Supreetha, Dr.Hemalatha Dr.Shashidar, Dr.Arvind.N
Role of imprint cytology in the diagnosis of neoplastic and non- neoplastic lesions and its correlation with histopathological findings	Dr.Shilpa.MD Dr.Hemalatha.A
Spectrum of cancer in a tertiary health care center in South India: a cross sectional study	Dr. Kalyani.R, Dr.Subhashish Das Dr.Jhanavi, Dr.Amruha, Dr.Snighdha
Knowledge, attitude and practice regarding cervical cancer and it's prevention among first and final year medical undergraduates.	Dr. Haneena Mariyam Kukkamgai Dr. Kalyani.R, Dr. Rathnamma. P
Knowledge, attitude and practice regarding breast cancer and it's prevention among first and final year medical undergraduates.	Dr. Ashireddy Divya Dr. Kalyani.R.Dr. P.N. Sreeramulu Dr. K.S. Gopinath
"Comparative evaluation of honey VS alcohol as fixative in cytological samples: An institutional study	Dr.Priyanka. Dr.Das.Dr.Kalyani.Dr.Princy Dr.Nikhil
Change in the knowledge, attitude & practices towards blood donation before & after awareness programme	Dr.Sahiti. Dr.Hemalatha. Dr.Supreetha Dr.Kalyani. Mr.Chalapathi
Tale of a pseudo cyst of Pancreas with Page kidney –A rare case report	Dr Mit Gandhi. Dr Shilpa MD Dr Nagaraju
Lymphoid rich tumors: How not to miss malignancy	Dr Harikrishna. Dr Supreetha Dr TN Suresh
Metastasis of head & neck malignancies of common organ-A report of two cases	Dr Archana Menon, Dr Hemalatha A Dr Supreetha, Dr Nagaraju
KAP of laboratory technicians regarding quality assurance in CDLS in a tertiary healthcare center	Dr Bhadra, Dr Kalyani R
KAP of laboratory technicians regarding NABL assessment and ISO15189 accreditation in CDLS in a tertiary care hospital	Dr Manju Alex, Dr Kalyani R Dr S Das, Dr Aravind

KAP of laboratory technicians regarding NABL assessment and ISO15189 accreditation in CDLS in a tertiary care hospital	Dr Manju Alex , Dr Kalyani R Dr S Das, Dr Aravind
Evaluation of platelet parameters as a surrogate marker for short term glycemic index: An institutional study	Dr Snighdha , Dr S Das, Dr Prabhakar K
A unique case of metastasis of follicular carcinoma in gluteal region: A case report	Dr Priyanka , Dr Kalyani R , Dr TN Suresh Dr Shilpa MD
Immunohistochemical Expression of Alpha Smooth Muscle Actin in Infiltrating Ductal Carcinoma of Breast and its Association with Histopathological and Hormonal Status: A Cross-sectional Study	Dr Vajja Nagaraju Dr Shilpa MD , Dr Supreetha SM , Dr Hemalatha A Dr Kalyani R .Dr Sreeramulu PN.
Covid 19 Pandemic impact on medical education: Knowledge, attitudes & Practice regarding electronic learning among medical students	Dr Susan swetha Jayker Dr Das S, Dr Kalyani R
Association of P16,Ki 67 and CD44 expression in high grade squamous intraepithelial neoplasia and squamous cell carcinoma of the cervix	Dr Hajra Mehdi , Dr Kalyani R , Dr Sheela SR

**Ongoing:**

<b>Title of the research project</b>	<b>Investigators</b>
The role of IMP3 immunohistochemistry expression in triple negative breast cancer as a prognostic factor	Dr.Kamala, Dr.Das Dr.Kalyani, Dr.PN.Sreeramulu
A study of cancer associated fibroblast using alpha smooth muscle actin immunohistochemistry	Dr.Ambika, Dr.TN.Suresh Dr.SM.Azeem Mohiyuddin
Detection of high risk Human papilloma virus in cervical tissue, urine and plasma in squamous cell carcinoma of uterine cervix by real time polymerase chain reaction – A cross sectional study.	Dr.A.R.Bhadra Dr.Kalyani.R Dr.Rathnamma.P Dr.Arvind Natarajan
Immunohistochemical expression of GATA -3 in infiltrating ductal carcinoma of breast and its association with prognostic factors.	Dr.G.Deepa.Dr.Hemalatha.A Dr.P.N.Sreeramulu
Immunohistochemical expression of laminin 332 in triple negative breast cancer : A cross sectional study.	Dr.K.Kamala Dr.Subhashish Das Dr.K.Krishna Prasad
HER -/neu Immunohistochemistry expression in surface epithelial ovarian tumors	Dr. M. Sushma Dr.T.N. Suresh Dr Vimarshitha. P
CDK4 expression in invasive ductal carcinoma of the breast and its association with prognostic parameters -A cross sectional study	Dr. Nikitha. D Dr. Hemalatha.A Dr. Krishna Prasad
Immunohistochemical expression of FOXP3+ and CD8 + in oral squamous cell carcinoma	Dr. Sharjubala, Dr. T.N. Suresh Dr. Ashwathappa
CDK4 expression in invasive ductal carcinoma of the breast and its association with prognostic parameters -A cross sectional study	Dr Manjua lex Dr Kalyani R

Immunohistochemical expression of CD 24 in cytotrophoblasts, syncytiotrophoblast, blood vessels, villous stroma in placenta of pre eclampsia.	Dr. Deepika Dr.Hemalatha.A Dr.Azeem Mohiyuddin
Association of tumor infiltrating lymphocytes with histopathological parameters in breast cancer	Dr Pradeep Dr Kalyani R
Prognostic significance of ER & correlation with histopathological factors in IDC breast	Dr Deepa Dr Hemalatha A
Immunohistochemical expression of podoplanin in oral squamous cell carcinoma.	Dr Prathibha Dr TN Suresh
KAP of 2nd year MBBS undergraduate regarding AETCOM in medical college	Dr Bhadra, Dr Kalyani R Dr Supreetha MS
Utility of Platelet Indices as prognostic markers for assessment of progression of complications in Type 2 DM	Miss Iraa Verma Dr Shilpa MD
Evaluation of positive lymphnode ratio as prognostic tool in infiltrating ductal carcinoma	Dr Nikitha Dr Hemalatha
Role of peripheral hematology inflammatory markers: Platelet to lymphocyte ratio & neutrophil to lymphocyte ratio in parkinson's disease	Dr Sneha K Mr Adithya
Assessing the role of MAP H score for determining thrombus burden in acute coronary syndrome	Miss.Vilasitha Dr Shilpa MD
Association of lymphnode metastasis with depth of tumor invasion in gastric cancers	Mr Ganashym Dr Poorni
Hematological parameters in predicting preeclampsia in pregnant woman	Dr Pradeep Dr Kalyani R
Evaluation of hemoglobin & RBC parameters in IDA patients with H Pylori infection	Miss Nisarga Dr Pradeep

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

**Faculty:**

Details of the Honor/Award/Fellowship	Awarded by	Awarded to	State National/International Level
PhD degree	SDUAHER	Dr Kalyani	Institutional
PhD degree	SDUAHER	Dr Das	Institutional

## MD/MS Dissertations / PG/Ph.D. thesis (2023-24 batch only)

Thesis topic	Candidate name	Guide	Co-guide
Immunohistochemical expression of claudin-3 in prostate adenocarcinoma – an observational study	Dr.Archana menon	Dr. Hemalatha	Dr. Bodapati Sivaramakrishna
Immunohistochemical expression of endoglin ( cd 105 ) in oral squamous cell carcinoma.	Dr.Chaitra s basappa	Dr.TN Suresh	Dr. Abhay kattepur
BRCA 1 & 2 somatic gene mutation in invasive ductal carcinoma of breast by RTPCR – a case control study.	Dr.Dheeraj kumar	Dr.Kalyani R	Dr.Abhay kattepur Dr.venkateswaralu raavi
Immunohistochemical expression of aldehyde dehydrogenase 1 ( aldh1a1) cancer stem cell marker in oral squamous cell carcinoma and its correlation with clinicopathological parameters : an observational study	Dr. Gandhi Mit Shailesh	Dr.Shilpa MD	Dr.Aswhathappa D
Expression of frz1 and its association with pathological response score in breast carcinoma patients undergoing neoadjuvant chemotherapy : an observational study	Dr. Kamineni Hari krishna	Dr.Supreetha MS	Dr.Shashirekha CA
Immunohistochemical expression of vitamin d receptor in placenta its correlation with maternal serum vitamin d levels and histopathological features in preeclampsia	Dr. Katta Teja	Dr. Hemalatha	Dr.Munikrishna
BRCA-1 & BRCA -2 gene mutations in invasive ductal carcinoma breast by next generation sequencing	Dr. Parvej Singh	Dr. Kalyani R	Dr.Venkateshwarlu Raavi Dr. Aswhathappa D
Immunohistochemical expression of stat-3 in oral squamous cell carcinoma.	Dr. Ranjith Kumar R	Dr.TN Suresh	Dr.Abhay Kattepur

**Postgraduates:**

<b>Details of the Honor/Award/Fellowship</b>	<b>Awarded by</b>	<b>Awarded to</b>	<b>State National/International Level</b>
2nd prize in state level KAPCON 2023 conference for oral presentation	Father Muller Medical College	Dr Zubiya	State
2nd prize for paper presentation 6th National conference of Association of cytologists & histopathologists 2023 15th-16th December	Thiruvallnelli Medical college	Dr Haneena	State
3rd prize in poster presentation 4th Annual conference of Hyderabad academy of Pathologists 2nd to 3rd March 2024	CARE hospitals& ESIC medical college,Hyderabad	Dr Kamala	State

**Any other important information:**

- Pathology department actively involved in MBBS, MD, AHS, Nursing and physiotherapy students teaching learning activities.
- More than 40% second MBBS students secured Distinction in pathology subject in March 2024 university examination
- Histopathology, Cytology, Hematology and Clinical pathology sections are NABL accredited.

**Vision:**

To strengthen department in training of undergraduate and post graduate students in Pharmacological concepts, Drug development and its application in Clinical Medicine and Research for Health Care

**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. Dept. was recognized as Peripheral Pharmacovigilance Centre from 2005 and from July 2015 it is functioning as Adverse Drug Reaction Monitoring Centre, Indian Pharmacopoeia Commission, National Coordinating Centre, Ghaziabad. Computer Assisted Learning Laboratory was established in 2019. Dept. was conferred the Best Department Award for the year 2014-15. Central Animal House facility was shifted to new building in December 2021

**Thrust areas:**

- Pharmacogenetics
- Pharmacovigilance
- Pain Management

**Teaching Faculty:**

**Sitting: L to R** - Dr. Arun Hebbar J N, Dr. Bhuvana K, Dr. Sarala N, Dr. Manju Priya S

**Standing: 1st Row L to R** - Dr. Pranav MR, Dr. Charan Amogh Raj KR, Dr. Suhas S, Dr. Meirajuddin Tousif, Dr. Sujay SN

**2nd Row - L to R** - Dr. Sandesh Reddy V, Dr. Mohammed Faisel HA, Dr. Abhinav Kaushal KN

**Teaching Faculty Details:**

Name	Designation
Dr. Bhuvana K	Professor and HoD
Dr. Sarala N	Professor
Dr. Raghu MN	Associate Professor
Dr. Harish S	Associate Professor
Dr. Santosh Kumar R	Assistant Professor
Dr. Ambika S	Assistant Professor
Dr. Arun Hebbar J N	Assistant Professor
Dr. Manju Priya S	Senior Resident
Dr. Kanneboyina Vignesh	Tutor
Dr. M Sainath	Tutor
Dr. Benaka Ramesh S	Tutor
Dr. Gokul Singh T	Tutor
Dr. Venkathariharan Marimuthu	Tutor
Dr. Meirajuddin Tousif	Tutor
Dr. Pranav MR	Tutor
Dr. Karthick P	Tutor
Dr. Sujay SN	Tutor
Dr. Charan Amogh Raj KR	Tutor
Dr. Sandesh Reddy V	Tutor
Dr. S Suhas	Tutor

**Details of programmes conducted:**

Program	Date(s)	Nature and theme of the program	State / National / International Level
CME	29-04-2023	National webinar on Insights into Artificial Intelligence	National
Guest Lecture	17-8-2023	Guest Lecture on Alternatives to Animal Experiments	National
Training	17-09-2023 to 23-09-2023	National Pharmacovigilance Week	Local

**Details of programmes attended by faculty:****Conference:**

Date(s)	Nature and theme of the program	Name of the Faculty attended
28-09-2023 to 30-09-2023	Medical Education Conference (MEDUCON - 2023) at JIMPER Pondicherry	Dr. Sarala N

**CME:**

<b>Date(s)</b>	<b>Nature and theme of the program</b>	<b>Name of the Faculty attended</b>
26-04-2023	Webinar on World IP Day Women and IP: Accelerating Innovation and Creativity by Turnip Innovations, Kolkata, India	Dr. Raghu MN
27-04-2023	Real World Evidence studies: Ethics, Compliance and regulations organized by ISCR, Bangalore	Dr. Bhuvana K Dr. Sarala N
20-05-2023 27-05-2023	PharmaBRIDGE organized by Vydehi Institute of Medical Sciences, Bangalore	Dr. Sarala N Dr. Raghu MN
15-09-2023	Webinar on clinical trial and IEC – An update conducted by Samrudhi ELITE Educators	Dr. Mohammed Faisel
21-09-2023	Webinar on Bioassay an essential tool in preclinical drug development conducted by Samrudhi ELITE Educators	Dr. Abhinav Kaushal KN
07-11-2023	Good clinical practice Professional certification Scheme (GCPPCS) organized by Translational Health Science and Technology Institute, Dept of Biotechnology, Ministry of Science and Technology, Government of India	Dr. Bhuvana K Dr. Sarala N

**Workshops:**

<b>Date(s)</b>	<b>Nature and theme of the program</b>	<b>Name of the Faculty attended</b>
02-04-2023	Self-Paced - Online Teaching Strategies	Dr. Raghu MN
02-04-2023	Student Motivation and Engagement	Dr. Raghu MN
02-04-2023	Coursera data analysis -Introduction to Data Analysis using Microsoft excel	Dr. Raghu MN
14-07-23	Indian Good Clinical Practices (GCP), NDCT Rules 2019 and ICMR National Ethical Guidelines for Biomedical Research involving Human Participants 2017 by Organized by Adichunchanagiri Institute of Medical Sciences, Mandya, Karnataka	Dr. Sarala N
04-08-2023	Designing Course Outcomes and Outcomes - focused Questions by INPODS	Dr. Raghu MN
7th, 14th, 21st & 28-03-2024	Good Clinical Practice (GCP) organized by National Association of Pharmacology and Therapeutics in association with All India Institute of Medical Sciences, Nagpur	Dr. Sarala N, Dr. Bhuvana K, Dr. Arun Hebbar JN, Dr. Mohammed Faisel, Dr. KN Abhinav Kaushal Dr. Krishnan Prem

**Details of Research projects****Ongoing:**

<b>Title of the Research Project</b>	<b>Principal Investigator</b>
Cardiovascular effects of Azithromycin in COVID -19 and non COVID-19 patients -A systematic review.	Harish S Sarala N Bhuvana K
Structure based virtual analysis of Carica papaya chemical constituents to determine dengue virus target proteins.	Sarala N Kiranmayee P Bhuvana K
Prescription pattern of antimicrobial agents in paediatric department, – ICMR – STS – 2023	Sai Praneeth R Sarala N Krishanappa J
Knowledge, Attitude and Practice of Caregivers of patients undergoing dialysis.	Arkadipta Das Riya Dubey Sarala N Shobhana Nayak Rao
A cross sectional study of knowledge, attitude and practice of ChatGPT among medical students.	Bhavika K Sarala N
Knowledge, Attitude and Perception towards Telemedicine among participants visiting the tertiary care hospital.	Saranya Ramesh Rashmi Rekha Bhuvana K
Levels of stress and coping strategies seen among care givers.	Pranavjith I Samim Hoque Arun Hebbar JN

**MD/MS Dissertations / PG/Ph.D. thesis (2023-24 batch only)**

<b>Topic</b>	<b>Name of the student</b>	<b>Name of the Guide</b>	<b>Name of the Co-guide (if any)</b>
Effectiveness and Safety of Nutritional supplement momoridca charantia in type 2 diabetes mellitus; Randomised, open label study	KN Abhinav Kaushal	Sarala N	Srinivasa SV
Effect of melatonin on pain in patients undergoing lower limb surgery; A randomise d open label study	Mohammed Faisel	Bhuvana K	Nagakumar S
Antimicrobial utilization in intensive care unit of a tertiary care hospital	Krishnan Prem	Sarala N	Suresh Kumar N

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

<b>Details of the Honor/Award/Fellowship</b>	<b>Awarded by</b>	<b>Awarded to</b>	<b>State/ National/ International Level</b>
Grant Management Course For Health And Social Science Research	St. Johns Medical College	Dr. Bhuvana K Dr. Sarala N Dr. Arun Hebbar JN	National

**Postgraduates:**

<b>Details of the Honor/Award/Fellowship</b>	<b>Awarded by</b>	<b>Awarded to</b>	<b>State/ National/ International Level</b>
Basic Course in Biomedical Research	ICMR National Institute of Epidemiology	Dr. Mohammed Faisal HN Dr. Abhinav Kaushal KN	National

## 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 undergraduate, postgraduate medical students and paramedical students. The MD course was started in the year 2004. PhD course was introduced in the year 2009. The department offers a robust training program for the undergraduates and postgraduates inculcating the recent changes as per revised guidelines from NMC. The department extends an effective mentorship program for the progress of the students. In addition to academics, the laboratory is NABL accredited providing diagnostic services. The Department plays a pivotal role in the surveillance and prevention of Health-care Associated Infections. We are actively involved in imparting knowledge and skills to all Health care workers in prevention of these infections. The department leads the Antimicrobial Stewardship program. Manuals on Laboratory procedures, safety practices, hospital infection control practices, CSSD and Antibiotic Policy has been created for in house use. As a part of community service, the Department appraises the notifiable diseases to the District health authorities through IHIP(Integrated health Information Platform) . The Department pursues research with many publications on Infectious diseases. The Department established COVID-19 testing centre in the year 2020 which is accredited by NABL and recognized as Nodal Testing center by ICMR. The Department secured the second position for best department for the period of 2022–2023.

### Thrust areas:

- Diagnostics in Clinical microbiology
- Healthcare associated infections
- Antimicrobial Resistance.

### Teaching Faculty:



**From top left to right:** Dr. Dr.Bharathi.R, Ms Repati Gowri, Dr.Rahil Pasha S A, , Ms Duvvuru Greeshma, Mr. Sai Sravan Kumar P ,Ms. Yogitha S.,

**From bottom left to right:** Dr.Bindu Madhavi.R, Dr.S.Parimala, Dr. Arvind Natarajan, Dr. Anitha D & Dr.Namitha.B N.

**Teaching Faculty Details:**

Name	Designation
Dr.Arvind Natarajan	Professor and HOD
Dr.S.Parimala	Professor
Dr.Anitha.D	Associate Professor
Dr.Bindu Madhavi.R	Associate Professor
Dr.Bharathi.R	Assistant Professor
Dr.Namitha.B.N	Assistant Professor
Dr.Rahil Pasha.S.A	Assistant Professor
Ms.Repati Gowri	Tutor
Ms. Duvvuru Greeshma	Tutor
Ms. Yogitha S	Tutor
Mr. Sai Sravan Kumar P	Tutor

**Details of programmes conducted:****CME**

Date(s)	Nature and theme of the program
06/4/2023	Annual training on Hospital infection prevention & control was conducted to the technicians, faculties & PGs from the Central Laboratory Service Department. & Post graduate students
22.05.2023	"Care Bundle in nosocomial Infection"
08/05/2023	World Hand Hygiene day for CDLS technicians and ICNs
18/05/23	Induction training on Hospital infection prevention & control for interns
31/05/2023	Training Program For Laboratory Technicians On Pre Analytical Errors
31/05/2023& 09/06/2023	Training Program For Laboratory Technicians On Pre Analytical Errors
08/08/2023	Training Program For Technicians on Laboratory Equipments
21/12/2023	Induction training on Hospital infection prevention & control practices for New batch PGs

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

Date(s)	Nature and theme of the program	Name of the Faculty attended
22-01-2024 to 28-01-2024	Certificate Course in Antimicrobial Stewardship Batch VIII (CCAMS)	Dr.Parimala.S Dr.Rahil Pasha.S.A
11-07-2024 to 15-07-2024	Clinical and Diagnosis Mycology Workshop at St. John's Medical College Medical College Bangalore	Dr.Parimala.S

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

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Oral Presentation	Multiantibiotic resistance index among Enterobacteriaceae family isolated from clinical samples in a tertiary care center, South India	TRICON 2023	Dr Namitha B N
Poster presentation	The Incidence Etiology and Antimicrobial Susceptibility Pattern of Pathogens Isolated from Peripheral Line Associated Bloodstream Infections at a Teaching Hospital In Kolar. India .	Academy of Clinical Microbiologists at Thiruvananthapuram, Kerala-2023	Dr.Rahil Pasha .S.A

**Details of Research projects****Completed:**

Title of the Research Project	Principal Investigator
Testing of Culture, Enzyme –linked Immunosorbent Assay and Polymerase Chain Reaction in the detection of Mycoplasma pneumoniae among children clinically diagnosed with Pneumonia in RLJH Kolar”	Dr.Bharathi R Dr.Parimala.S
Prevalence of ESKAPE pathogens and their Antibiotic resistance status in Skin and Soft tissue infections from tertiary care hospital South India.	Dr. Rahil Pasha S A
Surgical site infection in Gastrointestinal surgeries: Magnitude, Characteristics and Microbial profile at a rural tertiary teaching hospital in southern India	Dr. Anitha.D Dr. Bharathi
Multiantibiotic resistance index among Enterobacteriaceae family isolated from clinical samples in a tertiary care center, South India	Dr Namitha B N/ Dr Anitha D/ Dr Arvind N
Antibody status of SARS-CoV-2 among laboratory confirmed COVID-19 Health Care workers in a tertiary care hospital: A cross-sectional study	Dr Arvind Natarajan
Students Perception on Problem Based Learning in Medical Education: A Challenge.	Dr. Parimala.S
Detection of Antimicrobial Susceptibility among urinary isolates of E-coli with special reference to Fosfomycin in patients diagnosed with UTI	Dr. Parimala.S Dr Bindumadhavi

**Ongoing:**

Title of the research project	Principal Investigator
Herpes simplex virus encephalitis detection by PCR and serology in RL Jalappa Hospital, constituent of Sri Devaraj Urs Medical College ,a unit of SDUAHER ,Kolar	Dr. Namitha BN
Microbiological and clinical profile of severe acute respiratory Illness (SARI) in adult patients in intensive care unit at a tertiary care hospital.	Dr .Anitha D
Seroprevalence of Anti HBs Antibodies among employees and students at a tertiary care health university in Kolar.	Dr .Parimala S
The Trend of Communicable Diseases reported under the Infection Disease Surveillance Program from a Tertiary Care Teaching Center.	Dr.Bindu Madhavi
Surgical Risk Infection in Gastrointestinal Surgeries Incidence, Risk Factors and Microbial Profile at a Rural Tertiary teaching in Southern India.	Dr .Anitha D
Impact of de-escalation of Antibiotics following positive blood culture at RL Jalappa Hospital	Dr .Parimala S`

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

Details of the Honor/Award/Fellowship	Awarded by	Awarded to
Open course Influenza prevention and control	World Health organization	Dr.Arvind.N
Open course on Rabies & One health: from Basics to cross -sectoral action to stop human rabies death	World Health organization	Dr.Arvind.N
Open course on Blood stream infections	World Health organization	Dr.Namitha.B N
Open course on Antimicrobial Stewardship programmes in health care facilities in low- and middle-income countries: a WHO Practical toolkit	World Health organization	Dr.Arvind.N
Open course on Cholera: Introduction	World Health organization	Dr.Rahil Pasha S A
Open course on Leptospirosis: Introduction	World Health organization	Dr.Rahil Pasha S A
Open course on AFRO IDSR Course 1: Introduction to IDSR Technical Guidelines 3rd Edition	World Health organization	Dr.Arvind.N
Open course Health care associated infection surveillance	World Health organization	Dr.Namitha.B N
Open course on antimicrobial resistance and infection prevention and control	World Health organization	Dr.Namitha.B N

## Department of Forensic Medicine and Toxicology

### Vision:

To excel in the field of medico legal work and to prepare future medical practitioners being independent in handling medico legal issues

### Introduction:

The Forensic Medicine and Toxicology department primarily focuses on undergraduate and postgraduate education, alongside conducting post-mortem examinations in Kolar district and surrounding areas. With a dedicated 24/7 autopsy service, the team also performs on-site investigations at crime scenes. Annually, our medico-legal experts carry out around 300 post-mortem examinations, addressing a wide range of natural and unnatural deaths, including exhumations, and we offer expert opinions in sensitive cases. The department also provides practical training in medical jurisprudence to various professionals, such as medical officers, law enforcement personnel, forensic science students and scientific officers.

In addition, we are proud to announce the inauguration of our new Poison Detection Center- 'TOXSHODH' on March 22, 2024, situated at 3rd floor of the College building within the Dept. of Forensic Medicine and Toxicology. This center specializes in analyzing body fluid samples to investigate cases of poisoning or overdose, providing vital support to doctors in managing clinical poisoning cases effectively.



The Department of Forensic Medicine and Toxicology is proud to report the recent renovation of our mortuary services, named after Dr Edward Bulkley, which now feature air conditioning for a controlled, hygienic environment and minimizing bacterial and fungal concentrations. The facility is equipped with the latest technologies, including an advanced Autopsy Deluxe Work Station, designed to improve workflow and staff safety. Additionally, we have introduced a dedicated Toxicology Garden, which aids in the study and identification of toxic plants, enriching the learning experience for students.



**COLD STORAGE UNIT**



**DELUXE AUTOPSY WORK STATION**



**TOXICOLOGY GARDEN**

**Thrust Areas:**

- Forensic Pathology
- Skeletal remains examination
- Analytical Toxicology

**Teaching Faculty:****Teaching Faculty Details:**

Name	Designation
Dr. Ajay Kumar T S	Professor and HoD
Dr. Srinivasa Reddy P	Professor
Dr. Rajkumar M G	Associate Professor
Dr. Vishal V	Tutor
Dr. Pokur Mohan Krishna	Tutor
Dr. SBGVS Shesha Rohit	Tutor
Dr. Dasu Charith	Tutor
Dr. Akash H A	Tutor
Dr. Sonika P	Tutor

**Details of programs conducted:**

Program	Date(s)	Nature and theme of the program	State National/International Level
Conference	21-06-2024 22-06-2024	19th Annual National Conference of Indian Society of Toxicology (IST) - ToxSOS (Toxocon -19)	National

**Details of programs attended by faculty:**

Program	Date(s)	Nature and theme of the program	Name of the Faculty attended
Workshop	07-03-2024	Cyber Security and Ethical hacking Awareness Workshop	Dr. Rajkumar M G
Conference	03.11.2023 04.11.2023	31st Annual State Conference of Karnataka Medico legal Society KAMLSCON 2023	Dr.Srinivasa Reddy.P Dr.Ajay Kumar T.S
	08-09-2024 09-06-2024 10-09-2024	19th Annual Conference of South India Medico Legal Association - Forensic Stargazing	Dr. Rajkumar M G Dr. Abhinandana R
	14-10-2024 15-10-2024	18th Annual National Conference of Indian Society of Toxicology(IST) - Toxocon-18	Dr. Rajkumar M G Dr. Abhinandana R

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

Oral presentation	Subject	Event	Name of the faculty concerned
Epidemiological trends, Therapeutic approach and Outcomes of Poisoning cases attended in R L Jalappa Hospital , Kolar, South India: A retrospective Study	Forensic Medicine	18th Annual National Conference of Indian Society of Toxicology(IST) - Toxocon-18 14-10-2024 15-10-2024	Dr. Rajkumar M G
Paper presentation	Forensic Medicine	19th Annual National Conference of South India Medico legal Association 08.09.2023 09.09.2023 10.09.2023	Dr.Abhinandana.R
Association between gross and Histopathological changes of ligature mark in cases of hanging	Forensic Medicine	31st Annual State Conference of Karnataka Medico legal Society KAMLSCON -2023 03.11-2023, 04.11.2023	Dr.Srinivasa Reddy P

**Details of Poster presentation**

Poster presentation	Subject	Event	Name of the faculty concerned
Advancements in Forensic Medicine: Emerging Modern Techniques and Challenges in India	Forensic Medicine	19th Annual Conference of South India Medico Legal Association - Forensic Stargazing 08.09.2023 , 09.09.2023 10.09.2023	Dr. Rajkumar M G

**Details of Research projects****Completed:**

Title of the Research Project	Principal Investigator
Association between gross and histopathological changes of Ligature Mark in cases of Hanging.	Dr. Srinivasa Reddy P
Study on Awareness of medico -legal Issues among Doctors at R.L.Jalappa Hospital and Research Center	Dr. Srinivasa Reddy P
Epidemiological trends therapeutic approach and outcome of poisoning cases attended in R L Jalappa Hospital, Kolar	Dr. Rajkumar M G

**Ongoing:**

Title of the research project	Principal Investigator
Chromatographic analysis of toxic plants and their seeds accessible in and around Kolar district	Dr. Ajay Kumar T S
Is discharging against medical advice an unanswered challenge of a tertiary hospital? – A cross-sectional study	Dr. Abhinandana R

**Project submitted for approval:**

Title of the research project	Principal Investigator
An autopsy -based retrospective study on isolated liver injuries in road traffic accidents attending a tertiary care medical institute in Kolar, South India	Dr. Rajkumar M G

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

Details of the Honor/ Award/Fellowship	Awarded by	Awarded to	State National/ International Level
First Prize in Oral Presentation	19th Annual Conference of South India Medico Legal Association - Forensic Stargazing 08.09.2023 , 09.09.2023 10.09.2023	Dr. Abhinandana R	National

## 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”
- 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 an aim of preparing primary health care physicians who are able to provide comprehensive health care services to the community. Since 2007 it is functioning as a university Department under Sri Devaraj Urs Academy of Higher Education and Research, Kolar. As a University Department it admits postgraduate students for the preparation of specialists in the field of community medicine. Apart from the class room facilities and public health laboratory facilities for teaching and training of students, the 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 centers to observe and practice community medicine under the supervision of the faculty and field staff.

### Thrust areas:

- Non-Communicable Diseases (Diabetes Mellitus & Cancer)
- Maternal & Child Health
- Lifestyle & Health (Tobacco and Smoking)

### Teaching Faculty



**Sitting Left to Right:** Dr. Harshitha H N, Dr. Pradeep. T. S, Dr. Sunil. B. N, .Dr. Muninarayana. C, Dr. Prasanna Kamath B. T, Mr. Ravishankar S, Dr. Vishwas S, Dr. Samudyatha U C,

**Standing 1st Row Left to Right:** Dr Abhiharshan,.Dr. Sankiya M, Dr. Hana Zaiba Z, Dr. Aishwarya Lily Ray, Dr. Roopashree R, Dr. Angayarkanni P, Dr. Sindhu Shankar,

**Standing 2nd Row Left to Right:** Dr. Benish G S, Dr. Kowshick R, Dr. Mohan Babu G, Dr. Ramees M Sali, Dr. Sudhakar S, Dr. Abhishek S V, Dr. Varun R,

**Teaching Faculty Details:**

Name	Designation
Dr. Prasanna Kamath B.T	Professor & HoD
Dr. Muninarayana C	Professor
Dr. Sunil B.N	Associate Professor
Dr. Pradeep. T.S	Associate Professor
Dr. Vishwas S	Associate Professor
Dr. Harshitha. H. N	Assistant Professor
Dr. Samudiyat ha U C	Assistant Professor
Mr. Ravishankar S	Assistant Professor Cum Statistician
Dr. Manjunath T L	Assistant Professor
Dr. Bhoomika V	Assistant Professor
Dr. Seethal Rose	Assistant Professor
Dr. Vivek Jayan	Senior Resident
Dr. Abhishek S V	Senior Resident
Dr. Ramees M Sali	Senior Resident

**Details of programmes conducted:**

Program	Date(s)	Nature and theme of the program	State National/ International Level
WHO Day	April 12, 2023	World Health Day observation	Local
WHO Day	April 25, 2023	World Malaria Day Observation	Local
WHO Day	May 17, 2023	World Hypertension Day Observation	Local
Camp	May 25, 2023	Cancer Screening Camp	Local
WHO Day	May 29, 2023	World No Tobacco Day Observation	Local
WHO Day	June 9, 2023	World Environmental Day Observation	Local
CAMP	June 22, 2023	General Health Camp	Local
WHO Day	July 11, 2023	World Population Day Observation	Local
WHO Day	August 3, 2023	World Breast Feeding Week Observation	Local
Workshop	September 13, 2023	AI Driven Community Health	State
WHO Day	September 25, 2023	World Rabies Day and World First AID day observation	Local
WHO Day	October 11, 2023	World Mental Health Day Observation	Local
CAMP	November 2, 2023	Blood Donation Camp	Local
WHO Day	December 2, 2023	World AIDS Day	Local
CPR Training	December 6, 2023	CPR Training for School and College Students	Local
CAMP	9th January 2024	Cervical Cancer Clinic	Local

Epilepsy Day	12th February 2024	International Epilepsy Day	Local
WHO Event	25th March 2024	World TB Day 2024	Local
WHO Event	02nd & 08th April 2024	World Health Day Quiz 2024	Local
Workshop	7th May 2024	Mental Health Workshops 2024 - 1	Local
Workshop	22nd May 2024	Mental Health Workshops 2024 - 2	Local
Workshop	29th May 2024	Mental Health Workshops 2024 - 3	Local
WHO Event	31st May 2024	World No Tobacco Day	Local
WHO Event	31st May 2024	World No Tobacco Day, RHTC, DRS	Local
Guest lecture	28th June 2024	Guest lecture on "Scope and opportunities	Local
Doctors Day	01th July 2024	Doctors Day	Local
WHO Event	11st July 2024	World Population Day	Local
Organ Donation	26th July 2024	Organ Donation Awareness	Local
Nutrition Week	03rd & 04th September 2024	National Nutrition Week	Local
CME	20th September 2024	Regional level CME on Adolescent Mental health challenges	Regional level
TCC	24th September 2024	Inauguration of Tobacco Cessation Center	Local

#### Details of programmes attended by faculty:

Date(s)	Nature and theme of the program	Name of the Faculty attended
28th Sept 2023 to 1st Oct 2023	World Congress of Psychiatry 2023, Austria	Dr Pradeep TS
8th-10th February 2024	IAPSMCON -2024, held at KMC, Mangalore	Dr Samudyatha UC
8th-10th February 2024	IAPSMCON -2024, held at KMC, Mangalore	Mr Ravishankar
2nd to 6th May 2024	MR Elimination Monitoring	Dr Sunil BN
19th Sept 2023	District Training of Medical Officers for Vector Borne Diseases	Dr Samudyatha UC
19th Sept 2023	District Training of Medical Officers for Vector Borne Diseases	Dr Sunil BN
19th Sept 2023	District Training of Medical Officers for Rabies	Dr Sunil BN

## Details of Oral / Poster presentation by faculty:

## Oral presentation

Oral / Poster Presentation (specify)	Subject	Event	Name of the faculty concerned
Oral	Perceived stress levels and its associated factors among urban population of Gandhinagar: a community based cross sectional study	PREVENCON'23 International Conference, held at Government Omandurar Medical college, Chennai on April 12 & 13th ,2023	Dr. Anandu S
Oral	A mixed method study of knowledge, attitude and practice related to the use of food labelling among urban and rural population of Kolar	PREVENCON'23 International Conference, held at Government Omandurar Medical college, Chennai on April 12 & 13th ,2023	Dr. Varun R
Oral	Role of family support and self-care practices in blood pressure control among individuals with hypertension – A Cross sectional study	33' Annual Conference of Karnataka Association of Community Health held at Kempegowda Institute of Medical Sciences (KIMS), Bengaluru	Dr. Aishwarya
Oral	Prevalence and pattern of self-medication among urban population of Kolar – A cross sectional survey	33' Annual Conference of Karnataka Association of Community Health held at Kempegowda Institute of Medical Sciences (KIMS), Bengaluru	Dr.Pruthvi P
Oral	Premenstrual tension, anxiety and depression among menstruating rural adolescent girls: A community based cross sectional study	WCP 2023, Austria (28 th Sept 2023 to 1st Oct 2023)	Dr Pradeep TS
Oral	Does Vitamin D3 supplementation improve depression among rural adolescents?: A cluster randomized trial	WCP 2023, Austria (28 th Sept 2023 to 1st Oct 2023)	Dr Pradeep TS
Oral	Prevalence of Non communicable disease among adults at rural health field practice area of tertiary medical college, Karnataka	3rd State Conference of Indian Association of Preventive and Social Medicine, Karnataka State Chapter held At Shri B M Patil Medical College Hospital and Research Centre, Vijayapura	Dr.Sankiya M
Oral	Utilization of maternal and Child healthcare services by currently married women in rural Kolar	6th AMRITA International Public Health Conference held at Cochin from Dec 1 -2, 2023 (Promising Paper)	Dr. Mohan Babu

Oral	Awareness of Cancer among adults at rural Health field practice area of a Tertiary Medical College, A cross sectional study	6th AMRITA International Public Health Conference held at Cochin from Dec 1 -2, 2023	Dr. Sudhakar
Oral	Challenges in uptake of testing for Tuberculosis among household contacts of Index Tuberculosis patients: An operational analysis	IAPSMCON -2024, held at KMC, Mangalore 8 th-10th February	Dr Samudyatha UC
Oral	Outcomes and Challenges in Programmatic Implementation of Tuberculosis Preventive Therapy among Household Contacts of Pulmonary Tuberculosis patients: A mixed methods study from selected district of Karnataka	IAPSMCON -2024, held at KMC, Mangalore 8 th-10th February	Dr Samudyatha UC
Oral	“ Utilization of Family Planning and Maternal and Child Health Services among Eligible and Target Couple in Field Practice Area of a Tertiary Medical College in Kolar - A Cross-sectional Survey”	International Mid -Term conference of Geriatrics ,in SSMC Tumkur, April 2024	Dr Prithvi
Oral	Awareness and utilization of telemedicine among adults in Kolar	KIMSCOMCON 2024 organized KIMS, Chennai on 2nd February 2024	Dr. Mohan Babu
Oral	Practices and determinants of household waste management: A cross sectional study from urban Karnataka	Prevencon 2024 organized by Tamil Nadu Alliance for development of Community Medicine on 26th -27th January 2024	Dr Abhi Harshan

#### Details of Poster presentation

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Poster	Prevalence of risk factors of Diabetes mellitus among adults in a rural population of Kolar, a cross sectional study	33' Annual Conference of Karnataka Association of Community Health held at Kempegowda Institute of Medical Sciences (KIMS), Bengaluru	Dr.Sankiya M

Poster	The prevalence of Diabetes and its risk using Indian Diabetes Risk Score among adults at Rural Health Training centre of Tertiary medical college Kolar: a cross sectional study	3rd State Conference of Indian Association of Preventive and Social Medicine, Karnataka State Chapter held At Shri B M Patil Medical College Hospital and Research Centre, Vijayapura	Dr. Aishwarya
Poster	Heat related health challenges faced by public sector road transport workers: A cross sectional study	6th AMRITA International Public Health Conference held at Cochin from Dec 1 -2, 2023	Dr. Varun

### Details of Research projects Completed:

Title of the Research Project	Principal Investigator
Climate change & Health: Rural families' perspectives & willingness to adopt sustainable life style.	Dr Samudyatha UC
A Mixed method study of knowledge, attitude & practice related to the use of food labeling among urban & rural population of Kolar.	Dr Samudyatha UC
Quality of Life among COVID infected Health care workers working in a COVID care center - A Hospital based study	Dr.Pradeep T S
Assessment of Nutrition and Immunization Status of Children attending to Anganwadi at Field practice area of a rural Medical College, Karnataka	Dr.Abhishek S V, Dr. Sunil B N
Awareness and Practices of a Rural Community regarding Mental Health Problems	Dr.Vivek Jayan, Dr. Vishwas
Trajectory of antibody titers post SARS –CoV-2 infection among health care workers before and after immunization against SARS – CoV-2 : A Cohort Study	Dr. Sunil B N,
Perspectives and barriers of Physical activity uptake among postpartum women: A mixed method study	Nimisha D Gowda STS Reference ID 2023-02931 Dr. Samudyatha U C
Challenges in building pandemic resilient health system: Incidence and determinants of Catastrophic health expenditure among households of Southern Karnataka	Faizur Rahaman STS reference ID 2023-01145 Dr. Vishwas S,
A community based cross sectional study of Indoor air pollution and its mental health implications among rural households	Sreedhara Aditya Sarma STS reference ID 2023-04750 Dr. Pradeep T S

## Ongoing:

Title of the research project	Principal Investigator
Vitamin A and Zinc-Enriched Nutrient Supplementation for Recovery Enhancement in patients with Tuberculosis (VZ-ENSURE): A Quasi Experimental Study (Internal Funded project)	Dr. Prasanna Kamath B T
Prevalence of Anaemia in adolescents attending Government run schools around Kolar.	Mr. Ravishankar,
Study of magnitude and associated factors of missed opportunities for vaccination among children aged 0-24 months in Kolar: A Mixed Methods Study.	Dr. Vishwas S,
Does Vitamin D3 supplementation improve the Depression scores among rural adolescent girls? A randomized control trial.	Dr. Pradeep T.S.,
Post Covid effects among Health care workers working in a designated Covid care hospital a Longitudinal study.	Dr. Muninarayana,
Where do artificial intelligence based mobile tools stand in Dermatological Diagnosis? A cross sectional study	Dr. Pradeep T S,
Dyadic Intervention involving family members in Diabetic Care: A Randomized Control Study	Dr Samudyatha U C
Prevalence of Non-Communicable Disease risk factors and major challenges in their prevention and control among school going adolescents in Kolar – A Mixed Methods study	Dr Angayarkanni P
Electronic waste management at household level	Dr Angayarkanni P
Mental beliefs among rural school teachers	Dr Angayarkanni P
Does personality impact mental health of adolescent ?- a community based cross sectional study.	Dr Angayarkanni P
Evaluation of health and wellness sub centres (arogya mandir) under ayushman bharat in kolar district-an operational research.	Dr Benish G S
Awareness of Ayushman Bharath PM-JAY and its utilization among residents of Kolar-A cross sectional study.	Dr Benish G S
Postpartum functional status, stress, anxiety and depression and their association with social support among women in Kolar	Dr Hana Zaiba
Does personality impact mental health of adolescent ?- a community based cross sectional study.	Dr Hana Zaiba
Reforming the attitude towards mental illness among rural public health care workers-An health educational intervention study	Dr Hana Zaiba
Is Mental health status among frontline grass root level public health workers neglected? A community based cross sectional study.	Dr Hana Zaiba
Mental beliefs among rural school teachers	Dr Hana Zaiba
Unveiling the Accredited Social Health Activist (ASHA) Attitude Regarding Mental Illness: A Community Based Cross Sectional Study In Kolar	Dr Kowshick R
Reforming the attitude towards mental illness among rural public health care workers-An health educational intervention study	Dr Kowshick R
Is Mental health status among frontline grass root level public health workers neglected? A community based cross sectional study.	Dr Kowshick R

Is Mental health status among frontline grass root level public health workers neglected? A community based cross sectional study.	Dr Kowshick R
"Are our Rural Adolescent boys safe from Porn Addiction? A Mixed method study"	Dr Kowshick R
Premenstrual syndrome among adolescent girls in Kolar District	Dr Roopashree R
Correlation of Physical activity and academic performance of students of Deemed Medical University in Kolar	Dr Roopashree R
Is Mental health status among frontline grass root level public health workers neglected? A community based cross sectional study.	Dr Roopashree R
Reforming the attitude towards mental illness among rural public health care workers -An health educational intervention study	Dr Roopashree R
"Prevalence of anxiety, stress, depression and its associated factors among married women in rural areas of kolar"	Dr Abhiharshan S B
Practices and determinants of Household waste management A cross sectional study from urban Karnataka	Dr Abhiharshan S B
Prevalence of Tobacco usage and associated factors among women in Rural Kolar: A Cross sectional study	Dr Aiswarya Lily Ray
Perception of Ageing among Adults in Kolar	Dr Mohan Babu G
Role play or lecture? Which is more effective in addressing rural adolescents regarding changing the knowledge of tobacco consumption and its side effects - A cluster RCT	Dr Pruthvi
Self-perceived risk of breast cancer and acceptability of screening among women attending peripheral health centers in Kolar - A Cross Sectional study. (Dissertation)	Dr Pruthvi
Assessment of Risk factors & Screening for Oral Cancer by Visual Examination of Oral cavity in Kolar - A Cross Sectional Study	Dr Sudhakar S
Mental Health Status Among Premenopausal Urban Slum Women -A Cross Sectional Study	Dr Sudhakar S
Study to Assess Immunization Coverage & Determinant Factors among Children 1 to 5 years in south Karnataka - A Cross Sectional Study	Dr Sudhakar S
Perception of ageing among adults less than 60 – a cross-sectional study	Dr Sankiya M

#### Non-Funded

Role of family support and self-care practices in blood pressure control in individuals with hypertension -A cross sectional study	Dr. Aishwarya Lily Ray, Dr. Vishwas S
Practices and determinants of household waste management: A Cross Sectional study from Urban Karnataka"	Dr. Abhiharshan SB & Dr. Samudiyatha U C
Prevalence of risk factors of Diabetes Mellitus among Adults in a Rural population of Kolar - A Cross sectional study	Dr.Sankiya M & Dr. Sunil B.N
Prevalence and Pattern Of Self-Medication among Urban Population of Kolar - A Cross Sectional Survey"	Dr.Pruthvi P, Dr.Harshitha H N
Utilization of Anganwadi services for children under five years in field practice area Kolar - A Cross Sectional Survey	Dr.Harshitha H N, Dr. M Sankiya
Self-care practices among hypertensive patients residing in field practice area of medical college in Kolar : A cross sectional study	Ms. Vaishnavi Prasad Dr. Harshitha H N
Assessment of dietary consumption among people of semi urban area a cross sectional study	Dr.Sindhu Shankar S,

**MD/MS Dissertations /PG/Ph.D. thesis (2021-22 batches only)**

Topic	Name of the student	Name of the Guide
Fear of death and quality of life among elderly in Kolar – A Cross Sectional Study	Dr. Sankiya M	Dr. Prasanna Kamath B T
Occupational Stress and its Effect on Health Status among KSRTC Bus Drivers, Kolar – A Cross Sectional Study	Dr. Varun R	Dr. Muninarayana C
Can obesity be related to junk food consumption and physical inactivity among middle aged adolescent student of Urban Kolar? A Cross Sectional Study	Dr. Bavani A	Dr. Muninarayana C

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

Details of the Honor/Award/Fellowship	Awarded by (e.g. University/ Association etc.)	Awarded to (Name of the Individual)	State National/ International Level
IAPSM COMMED Star Award	Indian Association of Preventive and Social Medicine	Dr. Samudyatha U C	National
Best Paper Award	Indian Association of Preventive and Social Medicine	Dr. Samudyatha U C	National
Postgraduate Diploma in Medical Law and Ethics	National Law School University	Dr. Samudyatha U C	National
Certificate Course in Antimicrobial Stewardship (CCAMS)	Public Health Foundation of India, DSPRUD	Dr. Samudyatha U C	National

**Postgraduates:**

Details of the Honor/Award/Fellowship	Awarded by (e.g. University/ Association etc.)	Awarded to (Name of the Individual)	State National/ International Level
Best Paper award	International Mid -Term conference of Geriatrics ,in SSMC Tumkur, April 2024	Dr Pruthvi	National
Promising Paper award	KIMSCOMCON 2024 organized KIMS, Chennai on 2nd February 2024	Dr Mohan Babu	National

## Department of General Medicine

### Vision:

“EXCELLENCE IN ACADEMICS, RESEARCH AND CLINICAL CARE”

### Introduction:

The Department of Medicine was established at Sri Devaraj Urs medical college on March 1988 under guidance of Late. Dr. Mohamed Noor Uddin s first HOD with vision of excellence in academics, research and clinical care.

The Department started with 3 post graduates in 1997 and later upgraded to 6 in the year 2003. In 2013, MD general medicine seats increased to 8 per academic year.

Both undergraduate and post graduates are well trained to acquire knowledge and various clinical skills and Department is involved in teaching Allied health science courses- like physiotherapy, dialysis technology.

Department has well trained faculty with rich research experience and actively involved in research projects and completed projects are published in reputed indexed, peer reviewed Journals.

Department actively takes part in managing all category patients of COVID pandemic, promoting awareness in public and conducting training sessions to various health care workers, police personnel and public health workers.

Department actively takes part in all cultural and sports events conducted by the SDUAHER (Sri Devaraj urs academy of higher education and research) and many times adjudged as best cultural Department.

### Thrust areas:

- Communicable and non-communicable diseases like tuberculosis, diabetes, metabolic syndrome, thyroid disorders, coronary artery diseases, acute and chronic kidney disease.
- Tropical medicine with special interest in atypical manifestations of dengue, malaria, leptospira.
- Poisoning- suicidal and accidental, Snake bite.
- Geriatric Medicine, genomics-rare disorders.

### Teaching Faculty:



1st row- Dr.Anitha A, Dr.Raveesha A, Dr. Lakshmaiah, Dr.Prabhakar K, Dr.Vidyasagar C.R, Dr.Srinivasa S.V

2nd row- Left to right- Dr.Srivatsav, Dr. Sagar, Dr.Manjunatha N, Dr. Yashwanth L, Dr.Amarnath G Dr.Reethesh, Dr.Prasanna Kumar N, Dr. Guru Prasad, Dr. Spurthy

3rd row- Left to right- Dr. Manasa, Dr. Inba Praveen, Dr Chintha Aparna, Dr.Manohar Gowda B G, Dr. Pavan, Dr. Praveen, Dr. Lokesh M, Dr. Chethan Reddy B

4th row- Left to right:Dr. Sai Harsha, Dr. Palla Neha, Dr. Prateek Varma, Dr. Jai Raj, Dr. Arvind Venkat, Dr. Dr. Resu Dileep Reddy, Dr. Pranavesh, Dr. Mani Mohan Reddy.

5th row- Left to right:

Dr. Sunayana, Dr.Gagan, Dr. Harshitha, Dr. Pream, Dr.Rupa, Dr. Maanasi Reddy, Dr. Sanjana, Dr.BalaKrishna, Dr. Kruthi, Dr.Bilal, Dr.Lakwan, Dr.Hulesh.

**Teaching Faculty Details:**

Name	Designation
Dr. Vidyasagar C.R	Professor & Head of the Department
Dr. Prabhakar K	Professor
Dr. Raveesha A	Professor
Dr. Srinivasa S.V	Professor
Dr.Anitha.A	Professor
Dr. Manjunatha N	Assoc. Professor
Dr. Praveen P	Asst Professor
Dr. Amarnath	Asst Professor
Dr. Reethesh	Asst Professor
Dr. Lokesh M	Asst Professor
Dr. Aparna	Asst Professor
Dr. Chethan	Asst Professor
Dr. Sagar	Asst Professor
Dr. Manohar Gowda B G	Senior Resident
Dr. Srivatsav S	Senior Resident
Dr. Pavan	Senior Resident
Dr. Inba Praveen	Senior Resident

**Details of programmes conducted:**

Program	Date(s)	Nature and theme of the program	State National/International Level
CME	04/08/2023	CME on Gastroenterology	State
Conference	22/12/2024	National conference on Pulmonary Rehabilitation	International
webinar	04/10/2023	Webinar on Augmentin 1 gm Cased Approach	State
	19/01/2024	Webinar on Cardiac Master Club	State
Guest Lecture	30/05/2023	Guest Lecture on Asthma Practice Outline & ProACTivity	State
	01/06/2023	Guest Lecture on Rapid Ultrasound in Shock (RUSH)	State
	30/09/2023	Guest Lecture on World Heart Day Life Style medications for prevention of heart attacks and sudden cardiac death	State
	10/10/2023	Guest Lecture on Instalment G- IR FDC Drug and usages	State
	11/11/2023	Guest Lecture on Recent advances and Guideliness in Management of Hypertention"	State
	17/11/2023	Guest Lecture on National Epilepsy Day	State
	20/11/2023	Guest Lecture on World Diabetes Day "Access to Diabetic care"	State
	04/12/2023	Guest Lecture on World HIV Day "Recent Advances in HIV	State
	29/01/2024	Guest Lecture on Inflammatory Bowel Disease	State

**Details of programmes attended by faculty:**

	<b>Date(s)</b>	<b>Nature and theme of the program (e.g. Workshop on Perinatal Mortality)</b>	<b>Name of the Faculty attended</b>
CME	24/09/2023	CME on Disha Cardio Metabolic Summit	Dr. Vidyasagar C R
	24/09/2023	CME on Disha Cardio Metabolic Summit	Dr. Raveesha
	23/09/2023 to 24/09/2023	Workshop on Continuous Education Program- BEST of ESC 2023	Dr. Raveesha A
Workshop	19/09/2023 to 21/09/2023	Workshop on Basic Course in Medical Education” Nodel Center (BCME)	Dr. Prabhakar K
	19/09/2023 to 21/09/2023	Workshop on Basic Course in Medical Education” Nodel Center (BCME)	Dr. Anitha A
	24/09/2023	Workshop on Delegate in the Disha Cardio metabolic Summit 2 023	Dr. Raveesha A
Conference	08/04/2023 to 09/04/2023	Conference on 2nd RSSDI Research Retreat 2023 Virtual Panel Discussion	Dr. Prabhakar K
	12/04/2023	Conference on Risk stratification and use of optimal stain Therapy in Atherosclerotic Cardiovascular Disease	Dr. Prabhakar K
	01/06/2023	Conference on Evidence and knowledge –Sharing Exchange program to benchmark Best practices in Diabetes Monument Ease Diabetes	Dr. Vidyasagar C R
	21/07/2023 to 23/07/2023	Conference on The Global Summit on HYPERTENSION AND COMORBIDITIES, Get to the heart of knowledge	Dr. Vidyasagar C R
	22/07/2023 to 23/07/2023	Conference on 3rd Conclave on advanced Heart Failure and Transplantation	Dr. Anitha A
	11/08/2023 to 13/08/2023	Conference on KAPICON 2023	Dr. Prabhakar K
	11/08/2023 to 13/08/2023	Conference on KAPICON 2023	Dr. Raveesha
	11/08/2023 to 13/08/2023	Conference on KAPICON 2023	Dr. Praveen
	11/08/2023 to 13/08/2023	Conference on IDF - PRIMER international Diabetes Summit - 2023 Globs Discoveries to Reol World Solutions	Dr. Anitha A

	25/10/2023	Conference on MERT Conference 44th Annual CME in Internal Medicine	Dr. Prabhakar K
	16-12-2023 to 17-12-2023	Conference on study of Diabetes in India Karnataka chapter ( KRSSDI) 19 the Annual Conference	Dr. Prabhakar K
	16-12-2023 to 17-12-2023	Conference on study of Diabetes in India Karnataka chapter ( KRSSDI) 19 the Annual Conference	Dr. Raveesha A
	22/02/2024 to 25/02/2024	Conference on APICON 2024 79th Annual Conference of Association Physicians of India	Dr. Prabhakar K
	22/02/2024 to 25/02/2024	Conference on APICON 2024 79th Annual Conference of Association Physicians of India	Dr. Raveesha A
	22/02/2024 to 25/02/2024	Conference on APICON 2024 79th Annual Conference of Association Physicians of India	Dr. Anitha A

**Details of Research projects****Completed:**

<b>Title of the Research Project</b>	<b>Principal Investigator</b>
Early detection of cardio toxicity in organ phosphorus poisoning.	Dr. Raveesha .A Professor General Medicine
Association between subclinical hypothyroidism and diabetic retinopathy in type 2 diabetic patients	Dr. Raghavendra P rasad Professor General Medicine

**Ongoing:**

<b>Title of the research project</b>	<b>Principal Investigator</b>
A Study of Markers of Myocardial Injury in Dengue Patients Admitted to Tertiary care Hospital in Rural set up and its Association with the Clinical Severity	Dr. Manjunatha N
Study of novel marker 5 -Oxoproline in patients with acute heart failure	Dr. Prabhakar K
Diabetic pulmonary microangiopathy - Its Association With Gyrated Hemoglobin And Other Diabetic Complications	Dr. Srinivasa SV
Evaluation of human organic cation transporter I gene S LC22A I (G465R) polymorphism on therapeutic effect of metformin in type 2 diabetes mellitus.	Dr. Lakshmaiah
Study of genetic predisposition in young myocardial patients at a rural tertiary care Centre in south India	Dr. Anitha A

## MD/MS Dissertations / PG/Ph.D. thesis (2023-24 batch only)

Topic	Name of the student	Name of the Guide
A Study Of Left Ventricular Diastolic Dysfunction In Chronic Obstructive Pulmonary Disease Patients And Its Correlation With Disease Severity	Dr. M Aravind Venkat	Dr. Raveesha A
Comparision Of C Peptide Levels In Type 2 Diabetes Mellitus Patients With And Without Complications	Dr. Dilip Reddy	Dr. Anitha A
Impact Of Neutrophil Gelatinase Associated Lipocalin As A Biomarker In Early Diagnosis Of Sepsis Induced Acute Kidney Injury In Kolar Population	Dr. Dasari Sri Harsha	Dr. K Prabhakar
Role Of Ambulatory Blood Pressure Monitoring In Chronic Kidney Disease Patients	Dr. Hulesh M	Dr. Vidyasagar C R
Serum Cortisol Level As An Outcome Predictor Independent Of Curb -65 In Community Acquired Pneumonia: A Prospective Observational Study	Dr .M. Jai Raj	Dr. Raveesha A
The Role Of Monocyte To High Density Lipoprotein Cholesterol Ratio In Predicting The Severity Of Acute Ischemic Stroke And Its Correlation With The National Institutes Of Health Stroke Scale: A Prospective Observational Study	Dr. C. Maansi Reddy	Dr. K Prabhakar
Corelation Of Serum Albumin And Cd4 Count In Retropositive Patients	Dr. Pranavesh V	Dr. Srinivasa S.V
Serum Homocysteine And Its Correlation With Carotid Intima Media Thickness In Acute Ischemic Stroke Patients	Dr. G H G Prateek Varma	Dr. Vidyasagar C R

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

## Faculty:

Details of the Honor/Award/Fellowship	Awarded by	Awarded to	State National/ International Level
COVID services	Sharadamma Govindaraju charitable trust (R) and Rotary club K.R Puram Bangalore	Dr. B N Raghavendra Prasad	State
IMA – KSB Teachers Day Award - 2023	IMA Karnataka state branch	Dr. K Prabhakar	State
Royal College of Physicians and Surgeons of Glasgow	FRCP(GLASGOW).	Dr. K Prabhakar	State

## Department of Anesthesiology & Critical Care

### 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.
- Conducting research in the above-mentioned related areas.

### Introduction:

The Department of Anesthesiology was established in the year 1988 at Sri Devaraj Urs Medical College, Kolar as a part of the R L Jalappa Hospital and Research Centre. Anesthesiology is a medical specialty concerned with the total perioperative care of patients before, during and immediately after the surgery. Anesthesia department not only caters anaesthetic services in the theatre but also extends care to patients suffering with chronic pain, critical care services in the ICU and non – operating room services in endoscopic suites and patients requiring imaging (CT, MRI).

Surgery and critical illness are events that are taxing and disturbing to the patients and the entire family. Anesthesiologist is a perioperative physician and is pivotal in providing a safe surgical environment. Anesthesiologists constantly strive to make sure that the patients get the best of care during the surgical procedures and managing patients during the critical illness.



Figure 1 Operation Theatre



Figure 2 Critical Care (POCUS)



Figure 3 Post Anaesthesia care unit

### Thrust areas:

- Evaluating various additives used for Regional anaesthesia.
- Ultrasound guided regional anaesthesia.
- Peri-operative cardio-pulmonary assessment using ultrasonography.

**Teaching Faculty:**

**Sitting (L to R):-** Dr. Vishnuvardhan.V, Dr. Dinesh K, Dr. Kiran N, Dr. Suresh Kumar N, Dr. Ravi.M, Dr. Sujatha M P, Dr. Lavanya K.

**Standing: -**

**1st Row (L to R):-** Dr. Matcha Reddy Sri , Dr. Emy Maria, Dr. Huchappa K V, Dr. Rahul Kurra, Dr. Sumanth T, Dr. Dhanalakshmi M, Dr. Vidyashree C, Dr. Anushri K, Dr. Amulya N, Dr. AbhinayaManem, Dr. Manasa Reddy S, Dr. Sai SharathMeghana. Dr. Ankitha S.

**2nd row (L to R) :-** Dr. Bhumika, Dr. Pavithra R, Dr. Meghana P, Dr. Revathi Ashok, Dr. Harini D, Dr. Naga SobhanaManukaran, Dr. KotloRukminiSeshadri, Dr. Haritha P, Dr. Kushal S M, Dr. Gagan M.

**3rd Row (L to R):-** Dr. Jananipriya T R, Dr. Namratha K R, Dr. Sadvi A S, Dr. HimajaKatamaneni, Dr. T Sushmitha, Dr. Sushmitha S, Dr. UshasreeJ, Dr. Syed HazarathNabi, Dr. Rishabh Kumar

**4th Row (L to R):-** MrsPushpa, Dr. Manikandan C, Dr. Jalumuru Nikhil, Dr. Tarun Kumar R, Dr. Ratan A Nalatwadmath, Dr. Dinesh Chandra K, Dr. Bharath C J, Dr. Akhil Kumar, Mr. Narayanaswamy, Dr. K Venkataprakash Reddy, Dr. Karthik C, Dr. SimhadriMukesh.

**Teaching Faculty Details:**

Name	Designation
Dr. Suresh Kumar N	HOD and Professor
Dr. Dinesh K	Professor
Dr. Ravi M	Professor
Dr. Kiran. N	Professor
Dr. Sujatha. M P	Professor
Dr. LavanyaKaparti	Professor
Dr. Vishnuvardhan. V	Assoc Professor
Dr. Sumanth T.	Assoc Professor
Dr. AbhinayaManem	Asst Professor
Dr. Ankitha S.	Asst Professor
Dr. Amulya N	Asst Professor
Dr. Shankarappa R V	Asst Professor
Dr. Huchappa K.V	Senior Resident
Dr. Dhanalaksmi M	Senior Resident
Dr. Gagan M	Senior Resident
Dr. Rahul Kurra	Senior Resident
Dr. Anushri K	Senior Resident
Dr. Manasa Reddy S	Senior Resident

**Details of programmes conducted:**

Program	Date(s)	Nature and theme of the program	State National/ International Level
CME	28/12/2023 18/01/2024	Medicolegal Awareness Stress Buster & Motivation	State State

**Details of programmes attended by faculty:**

Program	Date(s)	Nature and theme of the program	Name of the Faculty attended
CME	9th September 2023	Chaired – ‘Trauma Resuscitation - Beyond the Basics’(Dept. of EMD)	Dr. Suresh Kumar N
Workshop	2023 22nd June 2023 11th April 2023 16th April 2023 18th January 2024 11th May 2023	NBEMS CPR Awareness Programme 2023 Change Management (UCHPE) “ELS1 : Technology enabled learning: Interactive tools to engage students” (UCHPE) “Skill up with simulation: Case - based learning”(Asian Society of Pediatric Anaesthesiologists) “Rubrics in Assessment” (UCHPE) AHA – BLS & ACLS Provider Course	Dr. Ravi M , Dr. Dhanalakshmi M Dr. Kiran N Dr. Sujatha M P , Dr. Sindhu J Dr. Amulya N  Dr. Lavanya K Dr. Lavanya K Dr. Ishitha Raj
Conference	12th to 13th August 2023 11th to 13th August 2023 6th to 8th October 2023 3rd to 5th November 2023 22nd to 26th November 2023	38th Annual South Zone Conference & 37 th Annual State Conference of Karnataka. Chaired -38th Annual South Zone Conference & 37 th Annual State Conference of Karnataka. 23rd Annual Conference of Maharashtra State Chapter of ISA 4th International & 14 th National Conference of the Indian College of Anaesthesiologists 70th Annual National Conference of the Indian Society of Anaesthesiologists	Dr. Suresh Kumar N , Dr. Ravi M , Dr. Kiran N, Dr. Vishnuvardhan V Dr. Ravi M  Dr. Lavanya K  Dr. Lavanya K  Dr. Lavanya K

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

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Oral Presentation	Trends in treating protocol practices & strategies of ventilatory management of COVID19 patients in intensive care unit: A Cross-sectional Questionnaire based study.	38th Annual South Zone Conference & 37th Annual State Conference of Karnataka.	Dr. Vishnuvardhan V

**Details of Research projects****Completed:**

Title of the Research Project	Principal Investigator
Airway nerve blocks vs airway topicalization for awake Fiberoptic bronchoscope assisted nasotracheal intubations	Dr. Ushasree J
Comparison of efficacy of Ultrasound by guided erector spinae plane block and quadrates lumborum block in total abdominal hysterectomy	Dr. KotloRukminiSeshadri
Prediction of hypotension using Inferior Vena Collapsibility Index to guide fluid management after spinal anaesthesia.	Dr. Naga SobhanaManukaran
A comparative evaluation of hyperbaric ropivacaine with dexmedetomidine versus hyperbaric ropivacaine for elective surgery under spinal anaesthesia : a randomised controlled study	Dr. Harini D
To compare the effect of sequential compression device versus crystalloid preload in reducing post - spinal hypotension in caesarean section	Dr. Revathi Ashok
Rapid Pre - oxygenation using high flow oxygen, comparative study between tidal volume breathing and deep breathing	Dr. Sushmitha S
Comparative evaluation of Ambu - Aura – 1 and Fastrach –TM intubation laryngeal mask airway for tracheal intubation – A randomized Controlled Study	Dr. Kushal S M
Effect of positive end expiratory pressure on post - operative atelectasis for open abdominal surgery: A Prospective Randomized Study	Dr. Syed HazarathNabi
Effect of preoperative oral carbohydrate loading on intraoperative blood glucose levels and postoperative nausea and vomiting	Dr. Dinesh Chandra K
Effects of Lignocaine nebulisation versus Mckenzie technique on stress response to direct laryngoscopy	Dr. Haritha P
Comparative evaluation of analgesic efficacy of transdermal patches of buprenorphine and fentanyl in management of postoperative pain after lower limb surgeries: A randomized controlled study	Dr. Shruthi S P

Comparison of intubation response with dexmedetomidine nebulisation and intravenous dexmedetomidine	Dr. Aruneth C
Awareness Among the Patients Under General Anaesthesia: A Cross - Sectional Study	Dr. Dhanalakshmi M
Patient Satisfaction with Anaesthesia: Perioperative Questionnaire versus Face-to-face Survey	Dr. George Mathew
A questionnaire research on the practice of postoperative anaesthetic visits	Dr. Aswin B
Evaluation of effect of low dose Dexmedetomidine on intraoperative hemodynamics in patients undergoing laparoscopic surgeries under general anaesthesia	Dr. Preethi R
The Role of Bilirubin - Albumin Ratio Versus Platelet - Albumin Ratio as a Predictor of Mortality in Critically Ill Patients Without Pre - Existing Liver or Biliary Tract Disease - A Prospective Study	Dr. Syed Hazarath Nabi
Preoperative Stop - Bang Questionnaire and Other Difficult Airway Determinants in Prediction and Correlation of Difficult Airway	Dr. Revathi Ashok
Association of Lactate to Albumin Ratio Level with Organ Failure and Mortality in Severe Sepsis and Septic Shock Patients”	Dr. Ushasree J
Patient’s perspective of preoperative anxiety and need for support - An observational study in adults	Dr. Vidyashree C
Evaluating compliance with National Institute For Clinical Excellence Testing guidelines for patients undergoing elective surgery: An observational study	Dr. Rahul Kurra
Endotracheal tube cuff pressure changes in adult patients - A comparison between air and distilled water using cuffill (Digital cuff)	Dr. Pooja G
Factors considered by junior residents in selecting anesthesia as a career choice and stress levels amongst the anesthesia postgraduate students: A questionnaire-based study	Dr. Sundeep Kalimisetty
Effect of Conicity Index and Body Mass Index on the Level of Spinal Anaesthesia	Dr. Nagasobhana Manukaran
Ultrasound-Guided Thoracolumbar Intercostal Plane Block with and without Dexamethasone: A Comparative Study in Patients Undergoing Spinal Surgery	Dr. Sumanth T

## Ongoing:

Title of the research project	Principal Investigator
Evaluation of Diaphragmatic function after Interscalene Brachial Plexus Block with low dose Bupivacaine & Saline hydrodissection of Phrenic Nerve	Dr. JalumuruKasi Nikhil
Effect of Preoperative Ondansetron on Hemodynamic changes in lower limb surgeries following Sub -Arachnoid Block	Dr. Rishabh Kumar
Comparative study of post dural puncture headache with 25G Quincke needle & 25G Whitacre needle	Dr. R Pavithra
Tricuspid Annular Plane Systolic Excursion versus Inferior vena cava Collapsibility Index for prediction of spinal anaesthesia induced hypotension in Parturients : An Observational Study	Dr. Meghana Patel GP
Evaluation of Acromioaxillosuprasternal index as an indicator of difficult airway in patients undergoing elective surgeries under general anaesthesia	Dr. K Venkataprakash Reddy
A Prospective Randomized Control Study Comparing the effectiveness of Dexmedetomidine& Tramadol on shivering following Subarachnoid block	Dr. SimhadriMukesh
A Study on enhanced hypnotic effect of intravenous Propofol By administration of Lignocaine	Dr. Emy Maria Eloor
Comparative evaluation of i -gel insertion conditions using Dexmedetomidine versus Fentanyl – A randomized controlled Study	Dr. PushadapuSindhura
Comparison of effect of oral Midazolam & Pregabalin as premedicants on hemodynamic response during General Anaesthesia in elective surgeries	Dr. T. R. Jananipriya
A Prospective randomized controlled study comparing clinical effects of intraoperative Dexmedetomidine with Ketamine or Fentanyl as adjuvants during General Anaesthesia	Dr. Bhumika R
Control of intraoperative & postoperative Shivering – A comparative study between Pethidine&Dexmedetomidine under Spinal anaesthesia	Dr. Manikandan C
Comparing efficacy of Prophylactic Administration of Oral Tramadol Versus Tizanidine on preventing intraoperative & postoperative shivering in NeuraxialAnaesthesia	Dr. Karthik C
Effective Volume of local Anaesthetic for Ultrasound -Guided Infraclavicular Brachial Plexus block: A prospective Randomized Control Trail	Dr. Bharath C J
Variation of Induction dose & time of Propofol on Administering Nitrous oxide during induction: A prospective Randomized Controlled Study	Dr. Dandamudi Siri Chandana
A Comparative Study of ease of intubation between sniffing & ramp position in elective intubations	Dr. M Sai SharathMeghana
Ultrasound guided Femoro -Sciatic Nerve block for lower limb Surgeries: Comparison between Clonidine &Dexmedetomidine with levobupivacaine for Subarachnoid block	Dr. MatchaReddysri

Ultrasound guided Pericapsular Nerve group block versus Suprainguinal Fascia Iliaca Compartment block for ease of positioning during spinal anaesthesia for hip fracture surgeries: A Randomized Controlled Study	Dr. Namratha K R
Attenuation of Pressor Response to pneumoperitonium in Laproscopic surgeries, Comparison between Magnesium Sulphate&Dexmedetomidine : A Randomized Control Study	Dr. Ratan A Nalatwadmath
Evaluating of different airway tests in predicting difficult airway in elderly diabetic & Non diabetic patients undergoing surgery under general anaesthesia	Dr. Sadvi A S
Ultrasound guided supraclavicular brachial plexus block using Clonidine versus Dexmedetomidine as adjuvants to Ropivacaine for post-operative analgesia in Upper limb surgeries – A Randomized Control Trail	Dr. Tarun Kumar R
Ultrasound guided Pericapsular nerve group block for hip surgery. A Randomized controlled study comparing Ropivacaine with Dexmedetomidine&Ropivacaine with Dexamethasone	Dr. Thiriveedi Dinesh Kumar
Body mass index & spread of local anaesthetic in Subarachnoid block : An Observational Study	Dr. ThummalaSushmitha
Ultrasound guide assessment of the Tuffiers line distance from L4 -L5 Interspace & its correlation between Anthrometric measurements of patients undergoing spinal anaesthesia	Dr. Akhil Kumar
Efficacy of ultrasound guided Popliteal Sciatic nerve block & Distal Sciatic bifurcation nerve block in providing Anaesthesia for below knee surgeries	Dr. HimajaKatamaneni

#### MD/MS Dissertations / PG/Ph.D. thesis (2020-21 batch only)

Topic	Name of the student	Name of the Guide
Ultrasound guided Pericapsular nerve group (Peng) block for hip surgery. A randomized controlled study comparing Ropivacaine and Ropivacine with dexamethasone.	Dr Aswin B	Dr. Suresh Kumar N
Evaluation of lumbar sonography as a learning aid for performing subarachnoid block using paramedian approach by resident anaesthesiologists	Dr G Sai Yashaswini	Dr.Sujatha.M.P
A comparative study of intravenous dexmedetomidine and clonidine as pre-emptive analgesia to intrathecal bupivacaine in subarachnoid block A randomized double blind study.	Dr Vidyashree C	Dr.Ravi.M

Controlled hypotension for functional endoscopic sinus surgery with two different doses of Fentanyl- A randomized control study	Dr Pooja G	Dr.Ravi.M
Comparison of linear versus microconvex transducer for ultrasound guided subclavian vein cannulation	Dr Dhanalakshmi M	Dr. Suresh Kumar.N
Attenuation of hemodynamic responses to laryngoscopy and endotracheal intubation with dexmedetomidine: a comparison between intravenous and intranasal route.	Dr Padmasree	Dr.Kiran.N
Impact on blood glucose levels with different crystalloids in non-diabetic patients undergoing major elective surgeries.	Dr Rahul Kurra	Dr.Ravi.M
A Prospective study to assess gastric contents and volume using bedside ultrasonography in fasting patients posted for elective surgeries	Dr Smruthi	Dr. Suresh Kumar N
Comparative assessment of oral clonidine and oral melatonin for the mitigation of hemodynamic response to laryngoscopy and tracheal intubation A prospective randomized double blind study.	Dr Sundeep K	Dr.Kiran.N
Comparative study of fasting gastric volume in diabetic and non-diabetic patients undergoing elective surgeries using ultrasonography.	Dr Yashwanth P	Dr.Vishnuvardhan.V
Effect of preemptive multimodal analgesia regimen on post-operative epidural demand boluses in lower limb orthopedic surgeries	Dr Mathew George	Dr.Kiran.N
A comparative study of placebo versus opioid free analgesic mixture for mastectomies performed under general anaesthesia along with erector spinae plane block.	Dr Monisha B	Dr.Sujatha.M.P

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

**Faculty:**

<b>Details of the Honor/Award/Fellowship</b>	<b>Awarded by</b>	<b>Awarded to</b>	<b>State National/International Level</b>
Fellowship in Pain Management	Daradia Hospital	Dr. Sujatha M P	National

**Postgraduates:**

<b>Details of the Honor/Award/Fellowship</b>	<b>Awarded by</b>	<b>Awarded to</b>	<b>State National/International Level</b>
Second prize	ISA-Tamilnadu	Dr. UshasreeJala	State

## DEPARTMENT OF DERMATOLOGY VENERELOGY AND LEPROSY

### Vision:

To be a Centre of Excellence for offering quality patient care, clinical teaching and scientific medical research.

### Introduction:

The Dept. of Dermatology started in the year 1988 in SDUMC, Kolar. The post-graduate teaching started since 1998 which has been providing specialized care in cutaneous diseases to the rural population of Kolar and surrounding districts. Dept. is also actively engaged in both UG and PG teaching and pursuing research and publication activities. The Dept. has subspecialty clinics like STI, Leprosy, Auto-immune Disorders, Contact dermatitis, Psoriasis, Vitiligo and Pigmentary clinics and has procured Equipments for various dermatosurgical and cosmetic care procedures.

### Thrust areas:

- Androgenetic alopecia
- Alopecia Areata
- Acanthosis nigricans

### Teaching Faculty



**Sitting First Row:** Dr. Vaishnavi B V, Dr. Suresh Kumar K, Dr. Devaraja.N, Dr. Rajashekar T. S, Dr. Hanumanthayya K, Dr. Akshaya. N

**Standing First Row:** Dr. Madhu Kiran C, Dr. Pavithra T.R, Dr. Harish Prasanna R

**Standing Second Row:** Dr. Hussain Kolsawala, Dr. Shivasaadhvi, Dr. SumedhaTirthani, Dr. G. Anjana, Dr. Hariharasubramanian

**Standing Third Row:** Dr. SamhithSouri, Dr. YeragondaSusmitha, Dr. Akshata Yadav S, Dr. K Gunalakshmi, Dr. Jervin Chris Rohith

**Standing Fourth Row:** Dr.Kenkre Namrata Sandeep, Dr.Callista Juneja, Dr.Bommaka Sruthi, Dr.Swathi Ganesh Shenoy, Dr. M Yashaswini

**Teaching Faculty Details:**

Name	Designation
Dr. Rajashekar T. S.	Professor and HoD
Dr. Hanumanthayya K	Professor
Dr. Devaraja. N	Professor
Dr. Suresh Kumar K.	Associate Professor
Dr. Akshaya.N	Assistant Professor
Dr. Vaishnavi B V	Assistant Professor
Dr. Madhu Kiran C	Sr. Resident
Dr. Pavithra T.R	Sr. Resident
Dr. Harish Prasanna R	Sr. Resident
Dr. SumedhaTirthani	Jr. Resident
Dr. Hussain Kolsawala	Jr. Resident
Dr. Shivasaadhvi	Jr. Resident
Dr. G. Anjana	Jr. Resident
Dr. Hariharasubramanian	Jr. Resident
Dr. Akshata Yadav S	Jr. Resident
Dr. Jervin Chris Rohith	Jr. Resident
Dr. YeragondaSusmitha	Jr. Resident
Dr. K Gunalakshmi	Jr. Resident
Dr. Samhith Souri	Jr. Resident
Dr.Bommaka Sruthi	Jr. Resident
Dr.Callista Juneja	Jr. Resident
Dr.Kenkre Namrata Sandeep	Jr. Resident
Dr.M Yashaswini	Jr. Resident
Dr.Swathi Ganesh Shenoy	Jr. Resident

**Details of programmes conducted:**

Program	Date(s)	Nature and theme of the program	State National/International Level
Guest Lecture	11.09.2023	Music Therapy in Holistic Medicine	State Level
CME	29.11.2023	Sexually transmitted infections – An Update	State level

## Details of programmes attended by faculty:

Program	Date(s)	Nature and theme of the program	Name of the Faculty attended
CME	24-09-2023	All about Trichoscopy MVJ medical college, Bengaluru.	DR. Vaishnavi.B.V  DR. Pavithra.T.R
	30-4-2023	Sig Dermatopathology & Sig Dermoscopy. BGS Global Institute of medical sciences hospital, Bengaluru.	DR Hanumanthayya K
WORKSHOP	16-07-2023	Laser, Aesthetic Dermatology & Trichology Nimhans convention centre, Bengaluru.	DR Vaishnavi BV DR Hanumanthayya K
CONFERENCE	26-08-2023 & 27-08-2023	International conference on Sexual Health & Fertility Treatments Courtyard by Marriot, Trichy.	DR Rajashekar T S
	13-10-2023 to 15-10-2023	DERMAZONE SOUTH IGMC &RI, Puducherry.	DR Rajashekar T.S
	6-01-2024 & 7-01-2024	BIENNIAL National Conference of Leprosy Vydehi Medical College, Bengaluru.	DR Hanumanthayya K
	22-02-24 to 25-02-24	DERMACON 2024 National Conference HICC &HITEX convention centre, Hyderabad.	DR. Rajashekar.T.S DR. Hanumanthayya K

## Details of Oral / Poster presentation by faculty:

## Oral presentation

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Oral presentation	Is oral Acitretin indispensable for treatment of darters disease? Treated with oral isotretinoin	CUTICON, KN 2023 KMC, Manipal.	Dr Sumedha Tirthani

Oral presentation	Intralesional combined diagoxin and furosemide in the treatment of recalcitrant cutaneous warts	CUTICON, KN 2023 KMC, Manipal.	DR.M. Shiva Saadhvi
Oral presentation	A novel therapeutic modality in the treatment of alopecia areata using topical Bimatoprost with fractional carbondioxide laser	DERMACON 2024 National conference HICC & HITEX convention centre, Hyderabad	Dr Hussain Kolsawala
Oral presentation	Skin and Gym, cutaneous manifestations in Gym Users	DERMACON 2024 National conference HICC & HITEX convention centre, Hyderabad	Dr Harihara Subramanian

#### Details of Poster presentation

Poster presentation	Subject	Event	Name of the faculty concerned
Poster Presentation	Fixed Drug Eruptions (FDE)- A Case Series of Unusually Reported Adverse Effect of Commonly Prescribed Drugs	DERMAZONE SOUTH 2023 IGMC & RI, Puducherry	Dr. Hussain Kolsawala
Poster Presentation	Tuberculosis Verrucosa Cutis - An Unusual Presentation	CUTICON, KN 2023 KMC, Manipal.	Dr.M. Shiva Saadhvi
Poster Presentation	Generalised Dowling Degos Disease: A Classic Clinical and Histopathological Presentation of a Very Rare Geno dermatosis	CUTICON, KN 2023 KMC, Manipal.	Dr. Sumedha Tirthani
Poster Presentation	A Rare Case of Hypohidrotic Ectodermal Dysplasia	MID DERMACON 2023 Calicut, Kerala.	Dr. Hari Harasubramanian
Poster Presentation	An Atypical Presentation of Angiokeratoma of Mibelli	DERMACON 2024 National conference HICC & HITEX convention centre, Hyderabad	Dr. Akshata Yadav S
Poster Presentation	Symmetrical Drug Induced Related Intertriginous and Flexural Exanthema a Rare Adverse Effect of a Common Drug	DERMACON 2024 National conference HICC & HITEX convention centre, Hyderabad	Dr. J Jervin Chris Rohith

**Details of Research projects:****Completed:**

<b>Title of the Research Project</b>	<b>Principal Investigator</b>
A Comparative study of intra lesional combined digoxin and furosemide vs tuberculin PPD in the treatment of warts	Dr. Shiva Saadhvi
Efficacy of Fractional CO <sub>2</sub> laser versus Autologous platelet rich plasma versus micro needling with topical aloe vera gel in the treatment of <i>striae distensae</i>	Dr. Sumedha Thirthani
Cutaneous manifestations in gym users: A Clinico epidemiological Study	Dr. Hari Hara Subramanian
Comparison of Oral Minoxidil with Oral dutasteride in the treatment of male androgenetic alopecia a randomized control trial.	Dr Anjana G
A Comparative study of Fractional CO <sub>2</sub> Laser with topical Bimatoprost 0.03% versus fractional CO <sub>2</sub> Laser with topical triamcinolone acetonide.	Dr Hussain Kolsawala

**Ongoing:**

<b>Title of the research project</b>	<b>Principal Investigator</b>
A Comparative study of Fractional CO <sub>2</sub> laser versus Ferulic Acid Sequential (12% & 8%) peel in the treatment of neck Acanthosis Nigricans.	Dr Akshata yadav S
Serum Apelin levels in acanthosis nigricans: A Cross sectional comparative study.	Dr Jervin chris rohith
A Randomised control study on efficacy of topical Losartan versus Topical Clobetasol for the treatment of Hypertrophic scar and Keloid.	Dr Gunalakshmi K
Onychoscopic nail changes in patients with chronic kidney diseases -A Cross Sectional Study.	Dr Yerragonda Sushmitha
Cutaneous Manifestations in Cancer patients: A Cross Sectional Study.	Dr B Samhith Souri
A Clinico epidemiological study of serum fluoride levels in patients with telogen effluvium	Dr Hussain Kolsawala
A Comparative study of cryotherapy with intralesional Triamcinolone Acetonide Vs Cryotherapy With Intralesional Triamcinolone Acetonide and Itraconazole Pulse Therapy in Treatment of Keloids and Hypertrophic Scars	Dr Rajashekar T S
Comparison of Nd Yag Laser With 10 % Azealic Acid Versus Fractional Co <sub>2</sub> Laser With 10 % Azealic Acid in Treatment of Post Inflammatory Hyperpigmentation Secondary to Acne	Dr Sumedha Thirthani
A Double Blind RCT Study of Topical 2 % Tofacitinib versus Clobetasol Propionate 0.05% in the treatment of Localised Alopecia Areata- A Pilot Study	Dr Rajashekar TS
Onychoscopic changes in patients on chemotherapeutic agents: A Cross Sectional Observational Study	Dr Rajashekar TS
Adverse effects of chemical treatment on hair shaft and scalp -a clinico epidemiological study	Dr Shiva saadhvi

A Study of Efficacy of Fractional CO2 LASER With Topical Latanoprost VS Fractional CO2 LASER With Topical Tofacitinib In Stable Vitiligo - An Interventional Study	Dr Bommaka Sruthi
Study on Efficacy of antifungal Activity of Three Essential Oils in Treatment of Dermatophytosis Infections: A Randomized Controlled Trial	Dr Callista Juneja
Study Of The Efficacy and Safety Of 5% Benzoyl Peroxide Versus Fusidic acid in the Treatment of Pitted Keratolysis: Randomized Controlled Trial	Dr Kenkre Namrata Sandeep
A Comparative Study on Efficacy and adverse Effects of Methotrexate 1% Gel Versus Tofacitinib 2% Gel in The Treatment of Localized Alopecia Areata	Dr Yashaswini M
Evaluation of Dermoscopic Features in Correlation to Woods Lamp Examination in Perioral Melanosis	Dr Swathi Ganesh Shenoy

**MD/MS Dissertations / PG/Ph.D. thesis (2023-24 batch only)**

Topic	Name of the student	Name of the Guide
A Study of Efficacy of Fractional CO2 LASER With Topical Latanoprost VS Fractional CO2 LASER With Topical tofacitinib In Stable Vitiligo - An Interventional Study	DR. Bommaka Sruthi	DR. Suresh Kumar . K
Study on Efficacy of Antifungal Activity of Three Essential Oils In Treatment of Dermatophytosis Infections: A Randomized Controlled Trial	DR. Callista Juneja	DR. Rajashekar .T.S
Study of The Efficacy and Safety of 5% Benzoyl Peroxide Versus Fusidic acid in The Treatment of Pitted Keratolysis: Randomized Controlled Trial	DR. Kenkre Namrata Sandeep	DR. Rajashekar.T.S
A Comparative Study on Efficacy and Adverse Effects of Methotrexate 1% Gel Versus T ofacitinib 2% Gel In The Treatment of Localized Alopecia Areata	DR. M. Yashaswini	DR. Suresh Kumar . K
Evaluation of Dermoscopic Features in Correlation to Woods Lamp Examination in Perioral Melanosis	DR. Swathi Ganesh Shenoy	DR. Rajashekar .T.S

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

Details of the Honor/Award/Fellowship	Awarded by	Awarded to	State National/International Level
IADVL Observership 2024	IADVL	Dr Harish Prasanna	National

## Department of Radio-Diagnosis

### Vision:

- To be a department of excellence by imparting Quality training in Radio-diagnosis
- To offer timely & accurate diagnosis to aid in patient care
- To conduct research in the related areas.

### Introduction:

- Department of Radiodiagnosis is equipped with Computed Radiography, Mammography, Ultrasound, Color Doppler, 128 slice CT (Computed Tomography) & 1.5 Tesla MRI (Magnetic Resonance Imaging) and provides round the clock services.
- The department is actively involved in training of undergraduate and postgraduate students. Department also offers training in 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. They are also involved in research publications in various National & International Journals.
- The department has a well-equipped museum. Seminar room is equipped with audiovisual units. Departmental library consists of text books and reference books. Internet facilities are available in the department.

### Thrust areas:

- Oncology imaging,
- Obstetrics & Gynecology imaging
- Musculoskeletal imaging

### Teaching Faculty:



**Sitting - (left to right):** Dr. Rahul Deep G, Dr. Anees Dudekula, Dr. Harini Bopaiah, Dr. Anil Kumar Sakalecha M, Dr. Deepti Naik, Dr. Rajeswari & Dr. Yashas Ullas L.

**Standing - (left to right):** Dr. Nikhilendra Reddy, Dr. Sujith Reddy, Dr. Sandeep Reddy, Dr. Madan Kmar, Dr. Lynn Joy, Dr. Mahima Kale R., Dr. Uha Sai & Dr. Arun Rajkumar

**Teaching Faculty Details:**

Name	Designation
Dr. Anil Kumar Sakalecha	Professor & HOD
Dr. Deepti Naik	Professor
Dr. Hari Baskar S	Professor
Dr. Harini Bopaiah	Professor
Dr. Adarsh A D	Professor
Dr. Rajeshwari	Associate Professor
Dr. Roopa Seshadri	Associate Professor
Dr. Anees Dudekula	Associate Professor
Dr. Yashas Ullas.L	Assistant Professor
Dr. Rahul Deep G	Assistant Professor
Dr. Hemanth Kumar G S	Assistant Professor
Dr. Jagannathan Krishnan	Assistant Professor
Dr. R Mahima Kale	Senior Resident
Dr. Madithati Sujith Kumar Reddy	Senior Resident
Dr. K.N. Madan Kumar	Senior Resident
Dr. Lynn Joy	Senior Resident
Dr. Aluru Venkata Sai Nikhilendra Reddy	Senior Resident
Dr. Arun Rajkumar	Senior Resident
Dr. Buchipudi Sandeep Reddy	Senior Resident
Dr. Varshitha G R	Senior Resident
Dr. Kalathuru Uhasai	Senior Resident
Dr. Chaitanya A	Senior Resident
Dr. Aashish	Senior Resident

**Details of programmes conducted:**

Program	Date(s)	Nature and theme of the program (e.g. CME on Air Quality Management)	State National/International Level
Guest lecture	08/11/2023	Roentgen 's day celebration and guest lecture by Dr. KRISHNA.C	State

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

Program	Date(s)	Nature and theme of the program (e.g. Workshop on Perinatal Mortality)	Name of the Faculty attended
Conference	9 & 10th December	38th Annual radiology state conference	Dr. Harini Bopaiah.
	10 & 11th FEB	Onco-imaging essentials	Dr. Harini Bopaiah.
	25TH, To 28TH October.	IRIA 2024 Vijayawada.	Dr. Deepthi Naik.
	13th to 15th October	Annual national conference of IACI, Coimbatore, India	Dr. Deepthi Naik.
	13th to 15th October 2023	IRIA – Telangana state	Dr. Anees Dudekula.

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

<b>Oral / Poster presentation</b>	<b>Subject</b>	<b>Event</b>	<b>Name of the faculty concerned</b>
Oral presentation	Ultrasound Evaluation of Achilles Tendon Thickness in Diabetic Patients With and Without Foot Complications	Indian Radiology and Imaging association Karnataka state Chapter	Dr. Rishi Prajwal
Oral presentation	Role of shear wave elastography if placenta in normal and pre eclamptic pregnancies	Indian Radiology and Imaging association Karnataka state Chapter	Dr. Shantala Sawkar
Oral presentation	Shear wave elastography: a comprehensive analysis of testicular tissue in normal and varicocele affected individuals	Indian Radiology and Imaging association 76 th national conference	Dr. Krishna G K
Oral presentation	Insights into the morphology of the normal pituitary gland : a magnetic resonance imaging study	Indian Radiology and Imaging association 76 th national conference	Dr. Krishna G K
Oral presentation	Case magnetic resonance imaging in lumbar degenerative disease and correlation with modified Oswestry disability index	Indian Radiology and Imaging association 76 th national conference	Dr. N Poojitha Chowdary

**Details of Poster presentation**

<b>Oral / Poster presentation</b>	<b>Subject</b>	<b>Event</b>	<b>Name of the faculty concerned</b>
Poster presentation	Acute disseminating encephalomyelitis	Indian Imaging Academy	Dr. Sravya M.
Poster presentation	Carotid body tumor	Indian Imaging Academy	Dr. Padma Priyanka
Poster presentation	Hemangiopericytoma	IRIA – Karnataka state chapter - Mysuru	Dr. Neelam katre
Poster presentation	Sacrococcygeal teratoma	IRIA – Karnataka state chapter - Mysuru	Dr. Thotakura Nishanth Varma

Poster Presentation	Choriocarcinoma with lung metastasis	IRIA – Telangana state	Dr.Thavan Mummaneni
Poster presentation	Vertebral plasmacytoma	IRIA – Telangana state	Dr. Venkat Vamsi
Poster presentation	CT hypoperfusion complex	TN & PY IRIA	Dr. Soumya Z Chincholikar
Poster presentation	Sealed off uterine rupture	TN & PY IRIA	Dr. Vimal choudhary
Poster presentation	Carotid body tumor	Indian Radiology and Imaging association Karnataka state Chapter	Dr.Sneha D N

## Department of Pediatrics

### Vision:

To be one of the best academic centers of Pediatrics.

### Introduction:

Department of Pediatrics was established in the year 1988 under the able guidance of renowned Professor Dr M. Jayaram. The Dept. has excellent infrastructure with state-of-the-art 26 bedded Neonatal Intensive Care Unit (NICU), 10 bedded Pediatric Intensive Care Unit (PICU) and 90 bedded Pediatric Ward. Emergency services are rendered round the clock. Dept. of Pediatrics in association with Primer Academy of Medical Sciences (PAMS) runs a Diabetic Centre for Children wherein free insulin is distributed to all children with Type 1 Diabetes Mellitus. Department also runs Child Rehabilitation Clinic serving children with neuro-disability in and around Kolar district. The Dept. has qualified and skilled doctors and specially trained nurses giving a healing touch to sick children.

### Thrust areas:

- Neonatal/Early infantile Research
- Research on Pediatric Infectious & Genetic disorders
- Educational Research

### Teaching Faculty:



**Sitting (From L to R):** Dr. C. Srikanth, Dr. James Daniel S., Dr. K. N. V. Prasad, Dr. Sudha Reddy V.R., Dr. Krishnappa J, Dr. R. R. Narendra, Dr. Bhanuchand P.

**Standing 1st row (From L to R):** Dr. Parimala S, Dr Jaishree K M, Dr Bindu T, Dr Manasa D, Dr Pravallika N, Mr. Murali Mohan, Dr Manne Saiteja, Dr Sai Rohit Kumar.

**Standing 2nd row (From L to R):** Dr. Chethan CS, Dr Karthik S, Dr Abhishek MB, Dr Shrishail A.J.

**Standing 3rd row (From L to R):** Dr Niranjan Bomma Reddy, Dr Gurrakamalakar, Dr Saiteja Marramreddy, Dr Karthik Kanagi, Dr Kalavakuru Mouna, Dr Bhargavi S, Dr Varsha Reddy, Dr Vishaka Shankar, Mrs. Gayathri.

**Standing 4th row (From L to R):** Mr Jagannath, Dr Indra Saikumar Reddy, Dr. Ram Swaroop Reddy, Dr. Rana Pratap Rayalu, Dr Venkatesh, Dr Debashish Dixit, Dr Pravallika K, Dr. Deepak M, Dr Ashwini A.

**Teaching Faculty Details:**

Name	Designation
Dr. Sudha Reddy V R	Professor & HoD
Dr. K N V Prasad	Professor
Dr. Krishnappa J	Professor
Dr. James Daniel S	Assoc. Professor
Dr. C Srikanth	Assoc. Professor
Dr. Narendra R R	Assoc. Professor
Dr. Bhanuchand P	Asst. Professor
Dr. Shivaraja A	Asst. Professor
Dr. Karthik S	Asst. Professor
Dr. Abhishek M B	Asst. Professor
Dr. Chethan C S	Asst. Professor
Dr. Vidyashree B	Asst. Professor
Dr. Niranjan B	Asst. Professor
Dr. Pravallika Y L	Sr. Resident
Dr Bindu T	Sr. Resident
Dr Parimala S	Sr. Resident
Dr Pravallika N	Sr. Resident
Dr Shrishail A J	Sr. Resident
Dr Jaishree K M	Sr. Resident
Dr Manasa D	Sr. Resident
Mr. Murali Mohan	Child Psychologist

**Details of programmes conducted:**

Program	Date(s)	Nature and theme of the program	State/ National/ International Level
CME	09th November, 2023	Adolescent Health Theme - "With and For Adolescents: Building a Healthier and More Inclusive Future"	State Level
Workshop	30th May, 2023	Basic Neonatal Resuscitation Program for Interns in association with IAP.	National Level
	6th & 7th December, 2023	Basic Neonatal Resuscitation Program for Nursing Students of SDUCON	Institutional Level
	22nd March, 2024	Procedures in Pediatrics and Neonatology	State Level
Guest Lecture	26th May 2023	Diabetes in Children "Epidemiology to Epigenetics, Evidence to Guideline"	Institutional Level
	02nd December, 2023	Pediatric HIV	Institutional Level

## Details of programmes attended by faculty:

Program	Date(s)	Nature and theme of the program	Name of the Faculty attended
CME	25th January, 2024	Webinar on “Meditation: Impact on Mental Health” organized by MoCA Cognition	Mr Murali Mohan
Workshop	24th April 2023 to 3rd May 2023.	Online workshop ‘Emotional well - being at Technology enabled workplace’	Dr KNV Prasad
	24th May 2023 to 3rd May 2023.	Online workshop “Emotional well - being at Technology enabled workplace”” conducted by AIU - AI-AADC from	Dr KNV Prasad
	1st to 31st August 2023	Training course on “Antibiotics Prescribing made easy” (APME -ON) organized by IAP-ID chapter	Dr Shivaraj Dr Karthik S
	03rd September, 2023.	e- workshop entitled “Assessment tool for ASD – Indian scale for assessment of autism” organized by Freelance Trainers in Psychology	Mr Murali Mohan
	29th& 30th September, 2023	National Conference Workshop JIPMER MEDUCON 2023 titled “EPA’s for competency- based assessments: Mapping milestones with competency framework” and were delegates to the conference on	Dr Sudha Reddy Dr KNV Prasad
	11th October, 2023	Bayley – 4 Online training on.	Mr Murali Mohan
	17th November, 2023	workshop on “Leadership skills for Health Professional Educators” at AIMS, BG Nagara.	Dr KNV Prasad
	17th December, 2023.	online workshop on “Positive Parenting”	Mr Murali Mohan B A
	5th February, 2024	“Understanding upcoming new changes, binary accreditation & its methodology in NAAC” organized by IQAC Cluster, India	Dr KNV Prasad
Conference	24th June, 2023	NAAC sponsored National conference on “Health Professional Education and NEP 2020” at Sri Ramachandra Institute of Higher Education.	Dr KNV Prasad
	26th June 2023.	National conference on “Health Professional Education”	Dr KNV Prasad
	6th to 8th October 2023.	KARPEDICON 2023 (State level)	Dr Sudha Reddy V R
	2nd& 3rd December, 2023	Karavali PEDICON 2023 at Manipal.	Dr Karthik K (PG)
	22nd& 23rd December, 2023	National conference on “Making Indian Higher Education Globally Competitive”	Dr KNV Prasad

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

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
07/09/2023 Pediatric case presentation - awarded 4th place.	Febrile Thrombocytopenia in Tropical Regions: Diagnostic Dilemma	EMPOWER 2023 hosted by Stanley Medical College Chennai	MrSriramDevarashetty (UG) under Guidance of Dr Sudha Reddy V R
24th to 28th January, 2024 Free Paper Presentation	Comparison of Mid arm circumference, Ponderal Index and MAC?HC ratio to find reliable parameter for identification of IUGR babies – Cross sectional Study	61st National Conference of Indian Academy of Pediatrics (IAP)- PEDICON 2024 at Kochi	Dr Ramswaroop Reddy under Guidance of Dr James Daniel

**Details of Poster presentation**

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
6th to 8th October, 2023 Poster presentation	Acute Demyelinating Encephalomyelitis	KARPEDICON 2023	Dr KarthikKannagi (PG) under Guidance of Dr Karthik S, Dr Srikanth C & Dr Krishnappa J
6th to 8th October, 2023 Poster presentation	Weissebacher Zweymuller Syndrome	SOUTH NEOCON ,2023.	Dr Jahnavi (PG) under Guidance of Dr Karthik S & Dr KNV Prasad
24th to 28th January, 2024 Poster Presentation	Trecher Collin Syndrome in a 5 year old girl.	61st National Conference of Indian Academy of Pediatrics (IAP)- PEDICON 2024 at Kochi	Dr Ramswaroop Reddy under Guidance of Dr Karthik S & Dr Krishnappa J
24th to 28th January, 2024 Poster Presentation	Trecher Collin Syndrome in a neonate.	61st National Conference of Indian Academy of Pediatrics (IAP)- PEDICON 2024 at Kochi	Dr Kamalakar G under Guidance of Dr Karthik S & Dr Sudha Reddy V R
24th to 28th January, 2024 Poster Presentation	De-George syndrome	61st National Conference of Indian Academy of Pediatrics (IAP)- PEDICON 2024 at Kochi	DrMouna K under Guidance of Dr Karthik S & Dr Krishnappa J

**Details of Research projects****Completed:**

<b>Title of the Research Project</b>	<b>Principal Investigator</b>
Thiamine Status in Paediatric Sepsis A Prospective Observational Study in a Tertiary Teaching Hospital	Dr. Sudha Reddy V R
Evaluation of Bioregional proadrenomedullin as a Diagnostic and Prognostic marker of Neonatal Sepsis	Dr Shivaraja A
Effect of heated humidified high flow nasal cannula vs bubble nasal continuous positive airway pressure in transient tachypnoea of newborn (>35 weeks)- an open label RCT	Dr Trishali
A Retrospective study of under-five mortality at tertiary care hospital	Dr Bindu
A cross sectional study of sleep habits among adolescents between 11 and 18 years using Modified Children's Sleep Habits Questionnaire	Dr Karthik

**Ongoing:**

<b>Title of the research project</b>	<b>Principal Investigator</b>
Ethical clearance obtained for "Evaluation of Respiratory Pathogen in Hospitalized Children aged between 2 months and 5 years with Acute Respiratory Infections- A Prospective Study" in association with Molbio Diagnostics.	Dr Karthik S

**MD/MS Dissertations / PG/Ph.D. thesis (2020-21batch only)**

<b>Topic</b>	<b>Name of the student</b>	<b>Name of the Guide</b>
Clinical And Laboratory Profile In Paediatric Patients With Bicytopenia Or Pancytopenia In A Tertiary Care Centre In Kolar - A Cross Sectional Study	Dr.RamSwaroop	Dr. K N V Prasad
Correlation of Thompson and modified Sarnat staging in predicting early neonatal outcome in post asphyxiated neonates in a Tertiary care centre in kolar- A Prospective Observational Clinical Study	Dr.Mouna	Dr. Krishnappa J
Study of clinical profile and outcome of sepsis in neonatal intensive care unit in a tertiary care hospital A prospective observational study	Dr Kamalakar	Dr.Sudha Reddy V R
A Prospective study to determine association between weight loss and neonatal hyperbilirubinemia in neonates in a tertiary care hospital	Dr.Jahanavi	Dr.Krishnappa J
Prospective study to determine outcomes in neonates born to diabetic mother in tertiary care hospital	Dr Karthik	Dr. Sudha Reddy V R
Two hourly vs three hourly feeding in stable preterm neonates	Dr RanaPrathap	Dr. K N V Prasad
DHA supplementation in preterm neonates and its effect on inflammatory markers at day 10	Dr SaitejaMaram Reddy	Dr. K N V Prasad

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

<b>Details of the Honor/Award/Fellowship</b>	<b>Awarded by (e.g. University/ Association etc.)</b>	<b>Awarded to (Name of the Individual)</b>	<b>State/ National/International Level</b>
IAP MEC Life membership	Indian Academy of Pediatrics - Medical Education Chapter	Dr KNV Prasad	National

## Department of Surgery

### Vision:

- To excel in the field of surgical clinical practice.
- To excel in the field of teaching and learning.
- To excel in the field of research and innovation.

### Introduction:

Dept. of General Surgery was established in the year 1988. The Post Graduate programme was started in 1996 with an intake of 2 PG students and presently it has a yearly intake of 6 PG students. The surgical beds in the hospital rose from 60 to 150. Most of the faculty members have undergone training in GI Endoscopy and Laparoscopy.

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

Services to the rural population are provided through active participation of Faculty in various health camps.

### Thrust Areas:

- Breast cancer
- Diabetic Foot Ulcers
- Thyroid Clinic

### Teaching Faculty



**Sitting 1st Row (L to R):** Dr. V R Aravind, Dr. K. Krishna Prasad, Dr. P N Sreeramulu, Dr. Shashirekha C.A., Dr. Prakash Dave, Dr. Ravikiran H R

**Standing 1st Row (L to R):** Dr. Pramodh K N, Dr. B V Naveen, Dr. Pujitha Arthimalla, Dr. K Aswani, Dr. Pravalika D M, Dr. Eldo Varkey George, Dr. Mohamed Shuaib Ahmed, Dr. Datta Sai Subramanyam, Dr. Y Saivikram, Dr. Naphene N, Dr. Muktesh B S, Dr. Anurag B, Dr. Sanjana G K, Dr. Rithu T Praveen.

**Standing 2nd Row (L to R):** Dr. Rakshith B K, Dr. Guntupalli Rakesh, Dr. Vinay Ram, Dr. Kavitha G, Dr. Vaibhavi D, Dr. Srija K.

**Standing 3rd Row (L to R):** Dr. Vemula Raja Babu, Dr. Vardhan H R, Dr. G Amarnath, Dr. Sailesh Kumar S, Dr. Vaseem Akram, Dr. Neha Ullalkar.

**Teaching Faculty Details:**

<b>Name</b>	<b>Designation</b>
Dr. C.A.Shashirekha	Professor& HOD
Dr. P.N.Sreeramulu	Professor
Dr. K.Krishna Prasad	Professor
Dr. Prakash Dave	Professor
Dr. D.Srinivasan	Professor
Dr. Deepak H	Professor
Dr. Ravikiran.H.R.	Assoc. Prof.
Dr. Aravind V R	Assoc. Prof.
Dr. Naveen N.	Asst. Prof.
Dr. Phani Teja	Asst. Prof.
Dr. Balaji G	Asst. Prof.
Dr. Eldo Varkey George	Asst. Prof.
Dr. Sunil Mathew	Asst. Prof.
Dr. Muktesh B S	Asst. Professor
Dr. Pravalika D M	Asst. Professor
Dr. Pujitha Arthimalla	Sr. Resident
Dr. Vedanth M.	Sr. Resident
Dr. B V Naveen Kumar Yadav	Sr. Resident
Dr. Yarremestty Saivikram	Sr. Resident
Dr. Naphene N	Senior Resident
Dr. Pramodh K N	Senior Resident
Dr. Kanchi Aswani	Senior Resident
Dr. Mohamed Shuaib Ahmed	Senior Resident
Dr. D Vaibhavi	Jr. Resident
Dr. Kavitha G	Jr. Resident
Dr. Sailesh Kumar	Jr. Resident
Dr. Sanjana GK	Jr. Resident
Dr. Neha Ullalkar	Jr. Resident
Dr. Anurag.B	Jr. Resident
Dr. Akhil Vincent	Jr. Resident
Dr. Guntupalli Rakesh	Jr. Resident
Dr. Vivek Hariharan	Jr. Resident
Dr. Sai Nikhil Chowdary	Jr. Resident
Dr. Vaseem Akram	Jr. Resident
Dr. Rakshith B K	Jr. Resident
Dr. Gurugubelli Amarnath	Jr. Resident
Dr. Vemula Raja Babu	Jr. Resident
Dr. Srija Koripella	Jr. Resident
Dr. Vardhan H R	Jr. Resident
Dr. Grandhi Vinar Ram	Jr. Resident
Dr. Rithu T Praveen	Jr. Resident

**Details of programmes conducted:**

Program	Date(s)	Nature and theme of the program	State National/International Level
CME	27th Oct 2023	CME ON "UPDATE ON BREAST CANCER"	Institutional Level
Conference	12th & 13th August 2023	State level midCON 2023 conference	State level
Guest Lecture	14th July 2023	Guest Lecture on "ANO -RECTAL CONDITIONS, DIAGNOSIS AND MANAGEMENT "	Institutional Level
	14th Dec 2023	Guest Lecture on "SURGEON - RURAL INDIA"	Institutional Level
	23rd Dec 2023	Guest Lecture on "ERGONOMICS IN LAPAROSCOPIC SURGERY"	Institutional Level
	28th Feb 2024	Guest Lecture on "Surgical Problems in Children"	Institutional Level

**Details of programmes attended by faculty:**

Program	Date(s)	Nature and theme of the program	Name of the Faculty attended
Conference	22 to 25 October 2023	American College of Surgeons 109th Annual clinical congress Boston, MA	Dr. Prakash Dave
	13th to 16th December 2023	83rd ASICON 2023	Dr. Prakash Dave
	01st to 3rd March 2024	ARIS 2024 1 st Annual Conference of Association of Robotic & Innovative Surgeons, New Delhi	Dr. Naphene N

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

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Paper presentation	Mean platelet volume as an emerging biomarker for diagnosing acute appendicitis : A retrospective study	KSCASICON – 2024 09TH TO 11 TH February 2024, Dharwad	Dr. Shashirekha C A

**MD/MS Dissertations / PG/Ph.D. thesis (2023-24 batch only)**

Topic	Name of the student	Name of the Guide
Is THUNDERBEAT® A Safe Alternative to Monopolar Electrocautery In Laparoscopic Cholecystectomy – A Comparative Study	Dr. Gurugubelli Amarnath	Dr. Sreeramulu P N
Cyanoacrylate glue versus polypropylene sutures for mesh fixation in repair of inguinal hernia - a comparative study	Dr. Grandhi Vinay Ram	Dr. Sreeramulu P N
A cross sectional study on tumescent versus non tumescent technique in skin graft healing	Dr. Vardhan H R	Dr. Shashirekha C A
Comparison of dermatotraction and negative pressure wound therapy for closure of healing wounds	Dr. Srija Koripella	Dr. Shashirekha C A
Efficacy of Sutureless polyester-poly-lactic acid Self Gripping Mesh versus sutured Polypropylene Mesh in Open Inguinal Hernioplasty	Dr. Rithu T Praveen	Dr. Krishna Prasad K
A prospective comparative study on non - absorbable polymeric locking clips versus titanium ligation clips to determine intra operative and early post operative outcomes in elective laparoscopic cholecystectomy	Dr. Vemula Raja Babu	Dr. Ravikiran H R

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

Details of the Honor/Award/Fellowship	Awarded by	Awarded to	State National/ International Level
Fellowship of Indian Association of Gastrointestinal Endo Surgeons	Indian Association of Gastrointestinal Endo-Surgeons 4th February 2024	Dr. P N Sreeramulu	<b>National Level</b>
Fellowship in Advanced Robotic and Innovative Surgery	Sri Ramachandra Deemed University, Chennai 02 March 2024	Dr. Naphene N	<b>National Level</b>

## Department of Orthopedics

### Vision:

Aim for disability free society

### Introduction:

- The Department of Orthopedics was established at R.L. Jalappa Hospital and Research Centre in 1988 and has progressed well from its initial stages, to a fully equipped department with skilled faculty providing comprehensive trauma care and sub-specialty services. The Dept. has 3 Units and each unit has 2 OPD along with specialty clinics and 2 OT days per week.
- Orthopedic wards have total bed strength of 120. We have exclusive Orthopaedic operation theatres with laminar air flow, with C-Arm's and all the required instrumentation and implants. We were awarded the best department award in 2019.
- Not more than 120 words containing brief description of the department – progression, major achievements till date with emphasis on achievements during the period of reporting with relevant photographs (not more than three) along with captions befitting to the text. Kindly provide the update information

### Thrust areas:

- Polytrauma Management including Pelvis and Acetabulum
- Arthroplasty and Arthroscopic Surgeries
- Spine surgeries

### Teaching Faculty:



**Sitting Front Row, Left To Right:** Dr. Sagar V, Dr. Hariprasad S, Dr. Prabhu E, Dr. Nagakumar J S, Dr. Manohar P V, Dr. Arun H S

**Standing, Left To Right:** Dr. Anil Kumar P, Dr. DrPunith K, Dr. ArunKumaar S P, Dr. Siyad, Dr. Hrushikesh, Dr. Kiran, Dr. Manoj Kumar R, Dr.Harish N, Dr.Vyshnav, Dr. Tarun, Dr. Vinod Kumar K

**Teaching Faculty Details:**

Name	Designation
Dr. Naga Kumar J S	Professor and HoD
Dr. Arun H.S	Professor
Dr. Manohar P V	Professor
Dr. Hariprasad S	Professor
Dr. Sagar V	Professor
Dr. Vinod Kumar K	Assistant Professor
Dr. Manoj Kumar R	Assistant Professor
Dr. Nulaka Harish	Assistant Professor
Dr. Anil Kumar P	Assistant Professor
Dr. ArunKumaar S P	Assistant Professor
Dr. Punith K	Assistant Professor
Dr. SomishettyVenkata Sai Tarun	Senior Resident
Dr. Kiran	Senior Resident

**Details of programmes conducted:**

Program	Date(s)	Nature and theme of the program	State National/International Level
CME	24/05/2023	Tendon Transfer	Institutional
	11/08/2023	Hip Symposium & Saw Bone Workshop On Total Hip Replacement	Institutional
	10/01/2024	Low Backache – Current Concepts	Institutional
	27/03/2024	Thoracolumbar Spine Fractures – Recent Updates	State Level
Conference	08/09/2023	Webinar On Robotics In Orthopaedics	Institutional
	29/09/2023	Webinar On Basics Hip Arthroplasty	Institutional
	13/10/2023	Webinar On Pediatric Supracondylar Fractures	Institutional
Additional	05/08/2023	Bone And Joint Day	Extra-institutional
	12/10/2023	Arthritis Day	Institutional
	20/10/2023	Osteoporosis Day	Institutional

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

Program	Date(s)	Nature and theme of the program	Name of the Faculty attended
Conference	21st – 25th September 2023	Bos Overseas Conference	Dr. Arun H S
	9th December 2023	Bangalore Knee Conference	Dr. Vinod Kumar K
	18th – 20th January 2024	Assicon 2024	Dr. Manoj Kumar R
	26th – 28th January 2024	Ossapcon 2024	Dr. Nulaka Harish
	2nd – 4th February 2024	Koacon 2024	Dr. Arun H S
	2nd – 4th February 2024	Koacon 2024	Dr. Manoj Kumar R
Others	7th October 2023	Primary Knee Arthroplasty Instructional Course	Dr. Vinod Kumar K
	8th – 10th December 2023	Amara Hip Preservation Course	Dr. Hariprasad S
	30th June – 2nd July 2023	Tssula Mysore 2023	Dr. Hariprasad S

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

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Oral Presentation	Functional Outcome Of Tens For Pediatric Femoral Shaft Fracture In Tertiary Care Hospital	Orthocon 2024 Katmandu, Nepal	Dr. Vinod Kumar K
Oral Presentation	Does Approach Really Matter In Transforaminal Epidural Steroid Injection (Tfesi) For Lumbar Disc Herniation?	Assicon 2024 Mumbai	DrManoj Kumar R
Oral Presentation	Outcomes Of Incidental Durotomy Repair In Thoracolumbar Spine Surgery: An Institutional Experience With Orthopedic Residents	State Conference Of Karnataka Orthopaedic Association 2024	DrManoj Kumar R

**Details of Poster presentation**

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Poster Presentation	Synovial Sarcoma Of Right Foot	Orthocon 2024 Katmandu, Nepal	Dr. Vinod Kumar K

**Details of Research projects****Completed:**

<b>Title of the Research Project</b>	<b>Principal Investigator</b>
Comparing The Efficacy Of Intra -Articular Platelet -Rich Plasma And Corticosteroid Injections In The Management Of Frozen Shoulder: A Randomized Controlled Trial	Dr.Tarun Kumar Somisetty , Dr. Hariprasad S, Dr. Subhashish Das, Dr. Arun Hs
Evaluation Of Functional And Radiological Outcomes Of Humeral Shaft Fracture Treated With Locking Compression Plate	Dr. B.V. Hrushikesh Dr. Arun Hs
Evaluation Of The Functional Outcome Of Both Bone Forearm Fractures In The Pediatric Population With The Titanium Elastic Nailing System In A Tertiary Care Center	Dr. Tarun Kumar Somisetty, Dr. Vinod K, Dr. Hariprasad S, Dr. Arun Hs, Dr. Akshay P

**Ongoing:**

<b>Title of the research project</b>	<b>Principal Investigator</b>
Comparative Study On Wound Infections Following Wound Closure Using Staple And Absorbable Sutures Among Obese Patients Undergoing Lumbar Spinal Surgeries	DrAkshay P , Dr Vinod Kumar K , DrManoj Kumar R , DrArun H S
Aneurysmal Bone Cyst Of Vertebrae : A Case Report	DrAkshay P , DrManoj Kumar R , DrHariprasad S , DrArun H S
Synovial Sarcoma Of The Right Foot :A Case Report	DrAkshay P , Dr Vinod Kumar K , DrHariprasad S , DrArun H S
Association Between Spinopelvic Parameters And Clinical Outcomes Of Patients Treated With Transforaminal Platelet -Rich Plasma Injections For Lumbar Disc Prolapse	NavinBalaji R , PrabhuEthiraj , Manoj K. Ramachandraiah , ArunKumaar( Corresponding), Nagakumar J. S
Clinical And Functional Outcomes Of Platelet -Rich Plasma Injection And Corticosteroid Injection In Patients With De Quervain's Tenosynovitis: A Comparative Retrospective Study	Dr. Rohith C Sunil, Dr. Hariprasad S, Dr. Nagakumar J S
Outcomes Of Thoracolumbar Burst Fractures Treated With Open Versus Minimally Invasive Percutaneous Posterior Spinal Stabilization: A Retrospective Study At A Rural Teaching Hospital In South India	Gils Thampi , Nagakumar J. S , Manoj K. Ramachandraiah
Comparing The Efficacy Of Intra -Articular Platelet -Rich Plasma And Corticosteroid Injections In The Management Of Frozen Shoulder: A Randomized Controlled Trial	Dr.Tarun Kumar Somisetty , Dr. Hariprasad S, Dr. Subhashish Das, Dr. Arun Hs

**MD/MS Dissertations / PG/Ph.D. thesis (2023-24 batch only)**

Topic	Name of the student	Name of the Guide
Assessment Of Functional And Radiological Outcome Of Extra Articular Distal Femur Fracture Fixed With Locking Compression Plate - A Prospective Study	Dr.Kashyap R	Dr. Arun Hs
A Prospective Study Of Functional Outcome Of Total Hip Arthroplasty In Arthritis Of Hip Joint In A Tertiary Care Centre	Dr.JahnaviPoduvalVk	Dr. Arun Hs
Evaluation Of Functional Outcome Of Open Tibia Fractures Treated With Antibiotic Eluting Intramedullary Interlocking Nails A Prospective Study	Dr.PasalaJayavardhan Yadav	Dr. NagakumarJs
Functional Outcome Of Caudal Epidural Corticosteroid Injection For Chronic Low Back Ache	Dr Anjani Reddy Arva	Dr. NagakumarJs Dr.Sujatha M.P. Co-guide
Intravenous Versus Topical Tranexamic Acid In Reducing Perioperative Blood Loss In Posterior Lumbar Spine Fusion Surgeries -A Comparative Study	Dr.P.Ajay Kumar Reddy	Dr Nagakumar J S
A Comparative Study Of Clinical-Functional Outcomes Of Intraarticular Platelet Rich Plasma And Platelet Rich Fibrin In The Management Of Early Osteoarthritis Of Knee – Prospective Randomized Control Trial	Dr. Ankit Hooda	Dr. Hariprasad S
Comparison Of Clinical And Functional Outcome Following Decompression Of Lumbar Canal Stenosis With Microscopic Bilateral Interlaminar Laminectomy Versus Microscopic Classic Laminectomy Technique: A Prospective Randomized Study	Dr. T V Raghu Sravan	Dr. Hariprasad S
Functional Outcome Of Uncemented Modular Bipolar Hemiarthroplasty In Femoral Neck Fracture - Prospective Study	Dr. Amit Kumar Varun	Dr.Sagar V.

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

Details of the Honor/Award/Fellowship	Awarded by	Awarded to	State National/ International Level
Post Doctoral Fellowship In Joint Replacement Surgery	Mgr University , Tamilnadu	Dr. Sagar V	National
DnbOrthopaedics	Nbe	Dr. Anil Kumar P	National

## Department of Ophthalmology

### Vision:

To excel through compassion and technical competence.

### Introduction:

The Department offers quality outpatient and in-patient services. The OPD is well equipped with all necessary & sophisticated equipments to provide comprehensive eye care to the community & also to screen & treat patients in different 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 equipments. To improve the knowledge and skill of students, museum, skill lab and wet lab facilities are utilized in addition to the demonstration with equipments available in the department.

Outreach programmes like free comprehensive eye screening camps, Diabetic Retinopathy and school children screening camps are conducted regularly. Retinopathy of Prematurity screening is being done in collaboration with Vittala International Institute of Ophthalmology, Bangalore every Monday and the screened babies are followed up for treatment. Publications are being done, periodically, in reputed journals.

### Thrust areas:

- Cataract surgery.
- Community Ophthalmology
- Retina
- Glaucoma
- Cornea

### Teaching Faculty



**Left to Right:** 1st Row: Dr. Usha B R, Dr. Apoorva N, Dr. Hanumanthappa B O, Dr. Manjula T R, Dr. Sangeetha T, Dr. Rashmi G, Dr. Chaitra M C, Dr. Inchara N, Dr. Uday Kumar K N.

**2nd Row:** Dr. Athira K, Dr. Asam Naveena, Dr. Sharadhi, Dr. Lekshmy M S, Dr. Megha varnika, Divija K, Dr. Narendran B S, Dr. Lohithashwa G N, Dr. Shwetha S, Dr. Sreelekha.

**3rd Row:** Dr. Preethi C H, Dr. Sameeksha, Dr. Shaik Hasareen, Dr. Susmitha Joshy, Dr. Sindhuja, Dr. Raveena, Dr. Bhavishya, Dr. Prathibha E, Ms. Shakeela, Dr. P Harshitha.

**4th Row:** Dr. Chirag, Dr. Anunitha, Dr. Alish, Dr. Haneela, Dr. Sanjana, Dr. Athmika,

**5th Row:** Dr. Hithesh, Mrs. Raju, Mrs. Srinivas, Dr. Sidharath, Dr. Himateja, Dr. Omsaipriya, Dr. Harshitha C, Dr. Rohith Reddy, Dr. Rachana N, Dr. Kavya, Dr. Satviki.

**Teaching Faculty Details:**

Name	Designation
Dr. Sangeetha T	Professor & HOD
Dr. Hanumanthappa B O	Professor
Dr. Manjula T R	Professor
Dr. Usha B R	Professor & HOU
Dr. Rashmi G	Professor & HOU
Dr. Inchara N	Associate Professor
Dr. Chaitra M C	Associate Professor
Dr. Apoorva N	Assistant Professor
Dr. Uday Kumar	Assistant Professor
Dr. Asam Naveena	Assistant Professor
Dr. Narendran B S	Senior Resident
Dr. Athira K	Senior Resident
Dr. Shwetha S Varnekar	Senior Resident

**Details of programmes attended by faculty:**

Program	Date(s)	Nature and theme of the program	Name of the Faculty attended
Guest speaker	21/3/2024	Chief guest and speaker for world glaucoma day celebration	Dr. Sangeetha T
CME	23-12-2023	Lecture on "Tiny Troubles: Tackling Pediatric Eye Challenges" at MVJ Medical College & Research Hospital, Hoskote, Bangalore.	Dr. Sangeetha T
Workshop	13th & 14th Jan 2024	Attended Phaco festival workshop on organized by Nethradhama super specialty eye hospital, Bangalore.	Dr. Rashmi G, Dr. Sangeetha T Dr. Chaitra M C
Conference	27/10/'23 to 29/10/'23	Participated as resource person in "KOSCON 2023" at M S Ramaiah Medical College Bengaluru. Presented oral paper in annual "KOSCON 2023"	Dr. Sangeetha T Dr. Rashmi G Dr. Rashmi. G Dr. Inchara. N Dr. Chaitra. M. C
	25-02-2024	Attended Nethra Kalpa 2024 organized by Tumkur Ophthalmic Society.	Dr. Chaitra M C
	14-3-'24 to 16-3-'24	Attended and presented oral papers & posters at AIOC – 2024 Conference, Kolkata.	Dr. Sangeetha T Dr. Rashmi. G Dr. Inchara. N Dr. Chaitra. M. C Dr. Apoorva N
	13th & 14th Jan 2024	Attended Moor fields UAE: A Year in Focus 6th International Ophthalmology Conference.	Dr. Inchara N

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

<b>Oral / Poster presentation (specify)</b>	<b>Subject</b>	<b>Event</b>	<b>Name of the faculty concerned</b>
Oral Paper	Safety and efficacy of sodium bicarbonate versus Hyaluronidase in peribulbar anesthesia	42nd annual conference of Karnataka Ophthalmic Society/ State conference. 27th to 29th October 2023.	Dr. Sangeetha T Dr. J Megha Varnika
Oral Paper	Accommodation of insufficiency in student population	42nd annual conference of Karnataka Ophthalmic Society/ State conference. 27th to 29th October 2023.	Dr. Sangeetha T Dr. Lakshmi Haneela Nutakki
Oral Paper	A Case of tyrosinase negative oculocutaneous albinism	42nd annual conference of Karnataka Ophthalmic Society/ State conference. 27th to 29th October 2023.	Dr. Sangeetha T Dr. Lakshmi Haneela Nutakki
Oral Paper	Iris claw intraocular lens implantation: Anterior chamber versus retropupillary implantation	42nd annual conference of Karnataka Ophthalmic Society/ State conference. 27th to 29th October 2023.	Dr. Rashmi G
Oral Paper	Correlation of severity of diabetic retinopathy with cognitive impairment in type 2 diabetic.	42nd annual conference of Karnataka Ophthalmic Society/ State conference. 27th to 29th October 2023.	Dr. Inchara N
Oral Paper	Does LOXL1 gene polymorphism connect ocular pseudoexfoliation with sensorineural hearing loss?	42nd annual conference of Karnataka Ophthalmic Society/ State conference. 27th to 29th October 2023.	Dr. Chaitra M C
Oral Paper	Macro Mineral Levels as Markers for senile cataract-a case control study	42nd annual conference of Karnataka Ophthalmic Society/ State conference. 27th to 29th October 2023.	Dr. Chaitra M C Dr. Shaik Hasareen

Oral Paper	Pharmacological treatment of presbyopia- spectacle free senescence	42nd annual conference of Karnataka Ophthalmic Society/ State conference. 27th to 29th October 2023.	Dr. Chaitra M C Dr. Sharadhi S P
Oral Paper	Clinical profile and visual outcome in pseudoexfoliation syndrome undergoing manual sics	42nd annual conference of Karnataka Ophthalmic Society/ State conference. 27th to 29th October 2023.	Dr. Rashmi G Dr. Sameeksha M
Oral Paper	Assessment of angle of anterior chamber in pseudoexfoliation syndrome	42nd annual conference of Karnataka Ophthalmic Society/ State conference. 27th to 29th October 2023.	Dr. Usha B R Dr. Preethi Chava
Oral Paper	The practical use of white blood cell as inflammatory markers in the prediction of corneal pathology.	State: KOSKON (27-10-2023) National: AIOS (14-03-2024)	Dr. Chaitra M C Dr. Susmitha Joshy
Oral Paper	Correlation of histopathological features and clinical findings in pterygium	82nd Annual Conference, All India Ophthalmological Society (AIOS) 14–17 March 2024	Dr. Sangeetha T
Oral Paper	Refractive outcome of ciliary sulcus implanted intraocular lenses	82nd Annual Conference, All India Ophthalmological Society (AIOS) 14–17 March 2024	Dr. Sangeetha T Dr. Lekshmy M S
Oral Paper	Navigating the new normal: Risk stratification for cataract surgeries in resident training	82nd Annual Conference, All India Ophthalmological Society (AIOS) 14–17 March 2024	Dr. Sangeetha T Dr. Alisha Elizabeth Alex
Oral Paper	Impact Of Cataract Surgery On Vision Related Quality Of Life In Patients With Strabismus	82nd Annual Conference, All India Ophthalmological Society (AIOS) 14–17 March 2024	Dr. Sangeetha T Dr. Chirag A B
Oral Paper	Correlation between diabetic retinopathy grades and diabetic foot ulcer severity	82nd Annual Conference, All India Ophthalmological	Dr. Sangeetha T Dr. Anunitha Rayapuraju

Oral Paper	Crisis of compliance : Understanding the paradigm of treatment dropouts in diabetic retinopathy care	82nd Annual Conference, All India Ophthalmological Society (AIOS) 14–17 March 2024	Dr. Inchara N Dr. Alisha Elizabeth Alex
Oral Paper	Correlation of Severity of Diabetic Retinopathy with Cognitive impairment in type 2 diabetes.	42nd annual conference of Karnataka Ophthalmic Society/ State conference. 27th to 29th October 2023	Dr. Inchara N
Oral Paper	Subclinical central macular thickness and total macular volume in diabetes using spectral domain optical coherence tomography and its correlation with glycemic index – A Cross sectional analytical study in rural Karnataka	82nd Annual Conference, All India Ophthalmological Society (AIOS) 14–17 March 2024	Dr. Chaitra M C Dr. Chirag A B.
Oral Paper	A study of work place injury to eye in a tertiary care centre	82nd Annual Conference, All India Ophthalmological Society (AIOS) 14–17 March 2024	Dr. Apoorva
Oral Paper	Development & implementation of entrustable professional activities in the assessment of surgical resident competency	HPeDCON 2024 (23 rd to 25th Jan)	Dr. Sangeetha T

## Details of Poster presentation

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Oral Poster	Unusual Presentation of Orbital Mucormycosis	42nd annual conference of Karnataka Ophthalmic Society/ State conference. 27th to 29th October 2023.	Dr. Rashmi G Dr. Preethi C
Oral Poster	Delayed Developmental glaucoma – cogan rees syndrome	42nd annual conference of Karnataka Ophthalmic Society/ State conference. 27th to 29th October 2023.	Dr. Inchara N Dr. Shaik Hasareen
Oral Poster	Glowing gold eye in a young female child-case report	Karnataka Ophthalmic Society/ State conference & National conference: AIOC	Dr. Narendran B Dr. Sharadhi S P
Oral Poster	Ocular sequelae following snake bite envenomation	42nd annual conference of Karnataka Ophthalmic Society/ State conference. 27th to 29th October 2023.	Dr. Chaitra M C Dr. Susmitha Joshy
Oral Poster	A Clinical odyssey into ocular TB- Serpigenous choroiditis unmasked!	42nd annual conference of Karnataka Ophthalmic Society/ State conference. 27th to 29th October 2023.	Dr. Inchara N Dr. Sameeksha M
E- Poster	A case report on Retinal Toxicity from Ectoparasiticide Exposure or Coincidental?	42nd annual conference of Karnataka Ophthalmic Society/ State conference. 27th to 29th October 2023.	Dr. Chaitra M C Dr. Devi Sindhuja. S
Oral Poster	Cognitive impairment and diabetic retinopathy in south Indian type 2 diabetes mellitus patients: A Comparative study.	82nd Annual Conference, All India Ophthalmological Society (AIOS) 14–17 March 2024	Dr. Inchara N
Oral Poster	Does LOXL1 gene polymorphism connect ocular pseudoexfoliation with sensorineural hearing loss?	82nd Annual Conference, All India Ophthalmological Society (AIOS) 14–17 March 2024	Dr. Chaitra M C
E- Poster	Rare case of ocular Brucellosis	82nd Annual Conference, All India Ophthalmological Society (AIOS) 14–17 March 2024	Dr. Athira
E- Poster	A case report on Retinal Toxicity from Ectoparasiticide	82nd Annual Conference, All India Ophthalmological	Dr. Devi Sindhuja. S

**Details of Research projects****Completed:**

<b>Title of the Research Project</b>	<b>Principal Investigator</b>
Clinical profile of cataract patients with Asteroid Hyalosis in a tertiary care Centre- a retrospective study	Dr. Sangeetha T Dr. Raveena J
Is glycemic control necessary during cataract surgery in diabetic patients?	Dr. Sangeetha T Dr. Himateja
Influence of fluorosis on genetic predisposition due to single nucleotide polymorphism of LOXL1 gene in Pseudoexfoliation syndrome	Dr. Chaitra M C
Evaluation of underlying etiological factors in patients with Papilledema in rural Karnataka	Dr. Sri Archana, Dr. Chaitra M C, Dr. Rashmi G, Dr. Reshma Ravindra
To study the correlation between clinical & histopathological features of Pterygium	Dr. Sangeetha T, Dr. Inchara, Dr. Narendran, Dr. Vrushabh, Dr. Hemalatha
Risk factors for presenile cataract – A cross sectional study	Dr. Rashmi G, Dr. Yamini, Dr. Astha
Correlation Of Intraocular Pressure With Glycosylated Haemoglobin Levels In Patients With Diabetes Mellitus	Dr. Sangeetha T, Dr. Yugandhara Patade & Dr. Megha Varnika
Comparison of CCT in POAG, Pseudoexfoliative glaucoma, ocular hypertension and normal population	Dr. Poojitha, Dr. Rashmi G, Dr. Rohith,
Study of POAG in patients with DM in tertiary care hospital	Dr. Nuthan, Dr. Padmajyothi, Dr. Chaitra MC, Dr. Srilekha
Evaluation of difference in AC angle following cataract surgery in senile cataract	Dr. Karishma, Dr. Hanumanthappa, Dr. Chaitra MC, Dr. Sanjana.
Role of serum and aqueous humor Mg levels as a marker in DR in type 2 diabetic and non-diabetic patients	Dr. Aastha, Dr. hanumanthappa, Dr. Inchara, Dr. Shashidhar, Dr. Satviki
Association of inflammatory markers and hematological inflammatory indices in predicting pseudoexfoliation.	Dr. Chaitra MC, Dr. Harshitha C
Efficacy of pre-operative risk stratification on SICS performed by residents	Dr. Alisha, Dr. Sangeetha, Dr. Inchara
Impact of Cataract Surgery on Vision-related Quality of Life in Patients with Strabismus: A Quasi-experimental Study	Dr. Sangeetha. T Dr. Chirag. A. B Dr. Darshan. S. M
Correlation of relative risk of retinopathy of prematurity and early postnatal weight gain among ROP and non-ROP babies	Dr. Shaik Raheemunissa, Dr. B. O. Hanumanthappa, Dr. Sangeetha. T, Dr. Beeregowda, Dr. Harshitha. C

Evaluation of efficacy and safety of toric intraocular lens implantation in cataract patients with preexisting astigmatism	Dr. Borra Harish Lakshman, Dr. Kanthamani . K, Dr. Sangeetha. T, Dr. Nakkana Rachana
Comparative study of gender variations in ocular parameters by A Scan in age matched adults	Dr. Deepak Arora, Dr. B. O. Hanumanthappa, Dr. Narendran. B. S, Dr. Pabba Harshitha
Clinical correlation between Diabetic retinopathy, Diabetic neuropathy and Glycated hemoglobin levels	Dr. Sri Archana, Dr. Manjula. T. R, Dr. Inchara. N, Dr. Tatiparthi Kavya
Evaluation of dry eye disease in patients treated with radiotherapy for head and neck tumors	Dr. Rahul Gowda. N. R , Dr. Manjula. T. R, Dr. Manjunath G. N, Dr. Sangeetha. T, Dr. Kagitapu Omsaipriya

**Ongoing:**

<b>Title of the research project</b>	<b>Principal Investigator</b>
Exploring the triglyceride glucose index and its impact on retinopathy in type 2 diabetes mellitus	Dr. Sangeetha. T, Dr. Himateja. C. R, M Optom Shakeela. B, Dr. Prabhavathi. K, Dr. Nideep
Correlation of diabetic retinopathy with serum uric acid and bilirubin levels	Dr Rashmi G Dr Anunitha R
Correlation of severity of diabetic retinopathy with cognitive impairment in type 2 diabetics	Dr. Inchara N & Dr. Sameeksha M
Effect of intravitreal ranibizumab injection on diabetic macular edema	Dr. Chaitra & Dr. Bhavishya
Cognitive impairment and Diabetic retinopathy in south Indian type 2 diabetes mellitus patients: A comparative study”	Dr. Inchara N, Dr. Sameeksha, Dr. Poina Sri Satviki
Association of macular thickness with Axial length & parapapillary atrophy in myopic eyes - A cross sectional study	Dr. Chaitra M C, Dr. Srilekha
Association of ganglion cell inner plexiform layer and optic nerve head parameters with visual field sensitivity in advanced glaucoma	Dr. Chaitra M C, Dr. Sanjana K P
The correlation of ABO and Rh blood group Phenotypes with type 2 DM with or without microvascular complications	Dr. Chaitra MC, Dr. Prathibha, Dr. Pavan,
The clinical profile of cataract surgery in patients with corneal pathologies	Dr. Sangeetha. T Dr. Jai Pavan Siddharth

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

Topic	Name of the student	Name of the Guide	Name of the Co-guide
To study the diurnal variation of intra ocular pressure and Central corneal thickness in Pseudoexfoliation eyes	Dr. Alisha Elizabeth Alex	Dr.B.O.Hanumanthappa	-
Association of hypertensive retinopathy and cardiac remodeling in systemic hypertension	Dr. Athmika R	Dr.B.O.Hanumanthappa	Dr.Yashwanth
To study the effect of pterygium on Corneal Endothelial density using specular microscopy	Dr. Lakshmi Haneela Nutakki	Dr. Manjula.T.R	
Correlation Of Corneal Ulcer Size And Depth Measurement By Slit Lamp Evaluation And Anterior Segment Optical Coherence Tomography	Dr. Bhavishya	Dr. Manjula T. R	-
Association of diabetic retinopathy with cardiac remodeling and quality of life in patients with type II diabetes mellitus	Dr. Anunitha Rayapuraju	Dr. Sangeetha.T	Dr. Yashwanth
Evaluation of corneal endothelial cell characteristics after phacoemulsification in eyes with Pseudo exfoliation syndrome	Dr.Hithesh Isukapalli	Dr. Sangeetha T	-
The Assessment of Macular thickness variability in primary open angle glaucoma using Optical Coherence Tomography	Dr Raveena	Dr. Usha B R	-
Effects of Nd:YAG Capsulotomy on corneal endothelium at tertiary hospital Kolar	Dr. Sanjana K P	Dr. Usha B R	-

A prospective study of changes in macular thickness following cataract surgery and it's correlation with post operative visual acuity	Dr. Ramachandra Himateja . C	Dr. Rashmi G	-
Corneal endothelial density relative to stage of diabetic retinopathy	Dr. U. Pramukh Prasad	Dr. Rashmi. G	-

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

**Faculty:**

Details of the Honor/Award/Fellowship	Awarded by	Awarded to	State National/ International Level
21/9/23 – “Best Clinical Audit” award (Patient safety month)	SDUAHER	Dr. Sangeetha T Dr. Inchara N	Institutional
21/9/23 – 1st prize in Poster competition (Patient safety month)	SDUAHER	Dr. Sangeetha T & Dr. Athmika	Institutional
22/9/23 – 2nd prize in Kaizen implementation (Patient safety month)	SDUAHER	Dr. Sangeetha T & Dr. Alisha	Institutional
22/9/23 – 3rd prize in Kaizen implementation (Patient safety month)	SDUAHER	Dr. Chaitra. M. C	Institutional
29/10/23 - Best Glaucoma free Paper award	Karnataka Ophthalmological Society conference	Dr. Sangeetha T, Dr. Yugandhara Patade, Dr. Megha Varnika J	State
29/10/23 - Best Ocular Surface free Paper award	Karnataka Ophthalmological Society conference	Dr. Inchara N, Dr. Panaah Shetty	State
Annual athletic meet - 1st prize in Carroms	SDUAHER	Dr. Inchara N	Institutional
Annual athletic meet -2nd prize in Badminton singles	SDUAHER	Dr. Inchara N	Institutional
Annual athletic meet Badminton doubles – 1st Badminton doubles – 2nd	SDUAHER	Dr. Rashmi. G Dr. Inchara N	Institutional

## Postgraduates:

Details of the Honor/Award/Fellowship	Awarded by	Awarded to	State National/International Level
23/9/'23 – 1st prize in Role play (Patient safety month)	SDUAHER	Dr. Hasareen, Dr. Hithesh, Dr. Raveena, Dr. Rachana & Dr. Om Sai Priya	Institutional
28/9/'23 –Group quiz (Patient safety month) 1st prize 2nd Prize 3rd Prize	SDUAHER	Dr. Hasareen Dr. Haneela, Dr. Anunitha Dr. J Megha Varnika	Institutional
25/9/'23 – 1st prize in Group discussion (Patient safety month) 3rd prize	SDUAHER	Dr. Rachana, Dr. Om Sai Priya, Dr. Rohit & Dr. Harshitha C Dr.Alisha, Dr. Anunitha, Dr. Hasareen & Dr. Sanjana	Institutional
26/9/'23 – 3rd prize in Slogan competition (Patient safety month)	SDUAHER	Dr. Rohith Reddy	Institutional
27/11/'23 – 1st prize in Poster competition on “World Bioethics Day”	SDUAHER	Dr. Rachana	Institutional
Quiz in KOSCON 2023 27th to 29th October 2023.	Karnataka Ophthalmological Society conference	1st prize – Dr. Yugandara 2nd prize – Dr. Sharadi	State
Annual athletic meet 1st prize in Cricket match 1st Prize in Disc throw 2nd prize in 200m running in	SDUAHER	M optom Avinash, Yashwanth, Vigram Mr. Vigram Mr. Avinash	Institutional

## Department of Obstetrics and Gynaecology

### Vision:

- To create high quality, high value care system.
- To provide safe and cost-effective care.
- To provide woman and family centered supportive care to all.

### Introduction:

The Department of OBG started functioning in the year 1986. The Department aims to provide the best standards of obstetric, gynecological and reproductive health through highest standard of critical care based on latest research and innovations to patients and quality education to students through a dedicated team of the faculty members.

The Dept. has subspecialty clinics like Sexually transmitted diseases, Infertility, Family welfare and Clinical Preventive Gynecology clinics. It provides free counseling and testing for HIV and anti-retroviral therapy to mother and newborn tested positive through PPTCT (AIDS/HIV detection for prevention of parent to child transmission) center attached to the Dept. Faculty members volunteer in "PRADHAN MANTRI SURAKSHIT MATRITVA ABHIYAAN" - a new initiative at DRS and Huttur PHCs, where pregnant women are given free antenatal care and required treatment for free on 9th of every month.

### Thrust areas:

- Recurrent pregnancy loss
- Infertility
- Pre-eclampsia

### Teaching Faculty



- 1<sup>st</sup> Row:** Dr.Gayathri Devi, Dr.S.R.Sheela, Dr.Rathnamma.P, Dr.Munikrishna.M, Dr.Meghadeepa  
**2<sup>nd</sup> Row:** Dr.Akshitha Sai Ragam, Dr.Sukhini, Dr.Kavyarani.C, Dr.Nandini S Dr.T.Aashritha,Dr.Divya J Patil, Dr.Harshitha S,Dr.Pratyusha, Dr.Varsha, Dr.Anusha.  
**3<sup>rd</sup> Row:** Dr.Madhurya, Dr.lakshmi Nalla, Dr.K.Ajitha, Dr.Ashwini,Dr.S.Divya, Dr.Sai Lakshmi Shreya, Dr.Meghana, Mrs.Lakshmi.M.H.  
**4<sup>th</sup> Row:** Mrs.Vijayamma, Dr.Sushmitha, Dr.Swetha, Dr.Ravali, Dr.Samyukthanjali, Dr.Lakshmi Priya, Dr.Radhika, Dr.Bhavana, Dr.Anushree, Dr.Akshaya.  
**5<sup>th</sup> Row:** Dr.Shruthi, Dr.Bhanu Kanthi, Dr.Shravya Satish, Dr.Sai Deepika-, Dr.Bhavya Choudhary, Dr.Asritha Choudhary, Dr.Thribhuvana Bhargavi, Dr.Vasavi, Dr.Ruba Zareen, Mrs.Kavitha

**Teaching Faculty Details:**

<b>Name</b>	<b>Designation</b>
Dr. Munikrishna.M	Professor & HOD
Dr.Sheela.S.R	Professor
Dr.Rathnamma.P	Professor
Dr.Gayathri Devi	Professor
Dr.Sunitha.V	Professor
Dr.Vimarshitha.P	Assoc.Professor
Dr.Nandini.S	Asst.Professor
Dr.Divya.J.Patil	Asst Professor
Dr.T Aashritha	Asst Professor
Dr.Sadana Reddy	Asst.Professor
Dr.Sukhini	Asst.Professor
Dr.Kavya Rani.C	Asst.Professor
Dr.Manjula	Asst.Professor
Dr.Harshitha	Asst.Professor
Dr.Achala	Asst.Professor
Dr.Yamini	Asst.Professor
Dr.Puneetha	Senior Resident
Dr.Sowmya	Senior Resident
Dr.Meghadeepa S.	Senior Resident
Dr.Sahithya	Senior Resident
Dr.Shravya Monica	Senior Resident
Dr.Nandini Bhavanam	Senior Resident
Dr.Dhanusha	Senior Resident
Dr.Anusha	Senior Resident
Dr.Akshitha Sai Ragam	Senior Resident
Dr.Prathyusha	Senior Resident
Dr.Varsha	Senior Resident

**Details of programmes attended by faculty:**

<b>Date(s)</b>	<b>Nature and theme of the program</b>	<b>Name of the Faculty attended</b>
18-11-23 to 19-11-23	1st International ESEG Master class course in Gynecology	Dr.Rathnamma
06-01-24 to 10-01-24	66th ACOG conference, HYDERABAD	Dr.S R Sheela
05-08-23 & 06-08-23	3rd YUVA KSOGA Conference, GADAG	Dr.SR Sheela

## MD/MS Dissertations / PG/Ph.D. thesis (2023-24 batch only)

Topic	Name of the student	Name of the Guide	Name of the Co-guide
The association of raised midtrimester serum beta human chorionic gonadotropin and alpha feto protein with adverse pregnancy outcome	Dr.Sai Deepika	Dr.Vimarshitha	Dr.Dayanand
A study on association of glycosylated fibronectin in predicting severity and adverse outcomes of hypertensive disorders of pregnancy	Dr.CH Sri Vasavi	Dr.Munikrishna	Dr.Shashidhar K.N
Evaluation of C-reactive protein/albumin ratio in polycystic ovary syndrome	Dr.Ruba Zareen	Dr.Sunitha V	Dr.Harini
Association of elevated first trimester serum Uric Acid levels with development of GDM	Dr.Pobalu Shruthi	Dr.Vimarshitha	
Role of maternal serum beta HCG PAPP a and uterine artery Doppler during first trimester in the prediction of preeclampsia	Dr.Shravya Satish	Dr.S R Sheela	
A comparative study of PAP SMEAR, visual inspection with acetic acid in cervical cancer screening	Dr.Anushree	Dr.Munikrishna.M	Dr.Kalyani
Oral Misoprostol vs Vaginal misoprostol in term - is this the complete title of the PG thesis?	Dr.Bhanu Kanthi	Dr.Munikrishna	
Correlation of endometrial thickness in post menopausal bleeding with transvaginal ultrasound	Dr.Bhavya Choudhary	Dr.S R Sheela	Dr.Anil Saklecha
Association of umbilical coiling index by colour doppler ultrasonography at 18-22 weeks of gestation and perinatal outcome	Dr.Thribhuvana Bhargavi	Dr.Gayathri Devi	

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

**Faculty:**

<b>Details of the Honor/Award/Fellowship</b>	<b>Awarded by</b>	<b>Awarded to</b>	<b>State National/International Level</b>
Basic and advanced laparoscopic and hysteroscopy surgery	Altius Hospital	Dr.S R Sheela	National
Fellowship: Reproductive Medicine	ICOG/FOGSI	Dr.Sadana	National

## Department of Otorhinolaryngology and Head & Neck Surgery

### Vision:

- Best academic centres of Otorhinolaryngology which imparts knowledge and surgical training in the field.
- Comprehensive management of all advanced ENT cases and Head and Neck Malignancies.
- More number of high impact publications and collaborative research projects

### 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.
- Compassionate care and not just cure is the motto of ENT Department
- The Dept. of ENT comprises of three units – specialized general ENT, otology, rhinology and Head & Neck Oncosurgery. The Dept. was established in 1986. The Dept. is constantly updating the latest developments in the field, so much so that difficult cases from other places in and around Kolar district as well as from the neighboring states are referred to the Dept.
- Post graduate studies were started in 1997. The Dept. now admits eleven MS students per year.
- ENT ward is 66 bedded with 5 beds including SICU and ICU and 5 beds in special ward with constant bed occupancy of over 80%. OPD runs between 9.00 AM to 4.00 PM with Emergency treatment round the clock.

### Thrust areas:

- Extensive Micro Ear, Laryngeal Surgeries and Advanced Oral Cancers.
- Voice and organ Conservation in locally advanced Laryngeal and Hypopharyngeal Cancers
- Implications of Epigenetics and Molecular Biology in Head and Neck Malignancies.

### Teaching Faculty



**1st Row sitting (L to R):** Dr. Lalrin Zuali, Dr. Kouser Mohammadi, Dr. Sagayaraj. A, Dr. S.M. Azeem Mohiyuddin, Dr. K.C. Prasad, Dr. Ujval. M, Dr. Usha. G, Dr. Diana Ann Jose

**2nd Row standing (L to R):** Dr. Monisha, Dr. Sreelekshmy, Dr. Gayathri, Dr. Charuvi, Dr. Deepthi, Dr. Akshaya, Dr. Hithyshree, Dr. Krithiga, Dr. Vyshnavi, Dr. Rishitha, Dr. Pavithra

**3rd Row standing (L to R):** Dr. Indranil Paul, Dr. Suriya, Dr. Sreejith, Dr. Gautham, Dr. Rachana, Dr. Asmitha, Dr. Manogna, Dr. Meenu, Dr. Shreya, Dr. Haneesha

**4th Row standing (L to R):** Mr. Srinivasappa. C, Dr. Sriram, Dr. Gokul, Dr. Swathi, Mr. Subramani. N, Dr. Synan Abdulla.

**Teaching Faculty Details:**

Name	Designation
Dr. S M Azeem Mohiyuddin	Professor and HoD
Dr. K.C. Prasad	Professor and Unit Head
Dr. Sagayaraj A	Professor and Unit Head
Dr. Narayan GK	Professor
Dr. Kouser Mohammadi	Assoc. Professor
Dr. Indu Varsha G	Asst. Professor
Dr. Usha G	Asst. Professor
Dr. Ujval M	Asst. Professor
Dr. Devika Sinha	Asst. Professor
Dr. Rohitha Meenavalli	Asst. Professor
Dr. Anamika	Senior Resident
Dr. Akshaya	Senior Resident
Dr. Lalrin Zuali	Senior Resident
Dr. Diana Ann Jose	Senior Resident
Dr Indranil Paul	Senior Resident

**Post Graduate Students**

Name	Designation
Dr. Charuvi Guttal	Jr. Resident
Dr. S. Gautham	Jr. Resident
Dr. Bosco Suriya	Jr. Resident
Dr. B. Monesha	Jr. Resident
Dr. Sreejith	Jr. Resident
Dr.Hithyshree N	Jr. Resident
Dr. Sreelekshmy. S	Jr. Resident
Dr. Krithiga Sridar	Jr. Resident
Dr. Chandana	Jr. Resident
Dr. Swathi	Jr. Resident
Dr. Ashmitha	Jr. Resident
Dr. Deepthi	Jr. Resident
Dr. Sriram	Jr. Resident
Dr. Gokul	Jr. Resident
Dr. Rachana	Jr. Resident
Dr. Pavithra	Jr. Resident
Dr. Bandari Haneesha	Jr. Resident
Dr. Gayathri Adusumalli	Jr. Resident
Dr. Gutthi Rishitha Reddy	Jr. Resident
Dr. Kovuru Shreya	Jr. Resident
Dr. Meenu P S	Jr. Resident
Dr. Ryali Manognya	Jr. Resident
Dr. Synan Abdullah K A	Jr. Resident
Dr. Vyshnavi Reddy Katta	Jr. Resident

**Details of programmes conducted:**

Program	Date(s)	Nature and theme of the program (e.g. CME on Air Quality Management)	State National/ International Level
CME	5th April 2023	CME on Temporal bone dissection	State
	19th April 2023	CME on Temporal bone dissection and Lateral skull base surgery	State
	26th May 2023		State
	27th October 2023	CME focusing on the technique, surgical steps on cadaveric dissection of Paranasal sinus and skull base (transnasal, trans - sphenoidal hypophysectomy approach)	State
Workshop	31st July 2023	Dr. S.M. Azeem Mohiyuddin attended UCHPE workshop Leadership Mastery: Empowering Academic Excellence as a faculty at SDUAHER	State
		Dr. K.C. Prasad attended UCHPE workshop Leadership Mastery: Empowering Academic Excellence as a faculty at SDUAHER	State

**Details of programmes attended by faculty**

Program	Date(s)	Nature and theme of the program (e.g. Workshop on Perinatal Mortality)	Name of the Faculty attended
CME	28th & 29th April 2023	Manipal Head & Neck Surgery CME & Workshop 2023 attended as Moderator, Speaker and Faculty for Workshop	Dr. S.M. Azeem Mohiyuddin
	25TH and 26th August 2023	CME – Ode to 150 years of Laryngectomy conducted by Head and Neck Oncology by Kidway memorial Institute of Oncology as a faculty	

Workshop	5th & 6th May 2023	1st National Temporal Bone & Lateral Skull Base Dissection Course attended as Faculty for Workshop	Dr. K.C. Prasad
	23rd and 24th March 2024	Participated as a guest faculty in temporal bone workshop at Sri Ramachandra Medical college, Chennai	
Conference	24th June 2023	NAAC sponsored National Conference on "Healthb Professional Education and NEP 2020" at At SRMU, Chennai	Dr. S.M. Azeem Mohiyuddin
	5h January 2024	Participated in 40 th AOIKCON conference as a faculty	
	5h January 2024	Participated in 40 th AOIKCON conference as a faculty	Dr. Narayan G K
	4th to 7th January 2024	Participated in 40 th AOIKCON conference as a delegate	Dr. Krithiga (Final Year PG)
	4th to 7th January 2024	Participated in 40 th AOIKCON conference as a delegate	Dr. Sreelekshmy (Final Year PG)
	4th to 7th January 2024	Participated in 40 th AOIKCON conference as a delegate	Dr. Sreejith (Final Year PG)

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

##### Oral presentation

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Paper	A cross sectional study on the psychosocial impact and quality of life in patients who underwent tracheostomy and their primary care givers in a Tertiary care centre	AOICON 2024	Dr. Sreelekshmy (Final Year PG)
Paper	Outcomes of Neoadjuvant Chemotherapy in locally advanced oral cancers	AOICON 2024	Dr. Monisha (Final Year PG)

Paper	Implications of middle cranial fossa dural plate, it's importance in sclerotic mastoid to identify mastoid antrum and to avoid Complications	AOICON 2024	Dr. Sreejith (Final Year PG)
Paper	Revisit to endolymphatic duct identification using middle cranial fossa dural plate : a novel technique	AOICON 2024	Dr. Gautham (Final Year PG)
Paper	Nasal microbiota and sensitivity in patients with chronic rhinosinusitis in a rural tertiary care hospital	AOICON 2024	Dr. Suriya (Final Year PG)

#### Details of Poster presentation

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Poster	Large Ameloblastoma - Outcome of treatment in a large rare tumor	AOICON 2024	Dr. Krithiga (Final Year PG)
Poster	Tuberculous otitis media a silent killer masquerading as complication of usafe chronic otitis media	AOICON 2024	Dr. Sreelekshmy (Final Year PG)
Poster	Nasal benign fibrous histiocytoma: a paradoxical invader disfiguring the face	AOICON 2024	Dr. Monesha (Final Year PG)
Poster	Aural stenosis with external auditory canal cholesteatoma in kippel treunaunay syndrome	AOICON 2024	Dr. Sreejith (Final Year PG)
Poster	Isolated bilateral tubercular otitis media - a rare case presentation demanding unprecedented attention	AOICON 2024	Dr. Hithyshree (Final Year PG)
Poster	Fungal mass in concha bullosa : an unusual entity	AOICON 2024	Dr. Gautham (Final Year PG)
Poster	Mucopyocele of a Poypoidal concha bullosa a case report	AOICON 2024	Dr. Suriya (Final Year PG)

**Details of Research projects****Completed:**

<b>Title of the research project</b>	<b>Principal Investigator</b>
Clinical outcome of ligation versus bipolar diathermy in tonsillectomy Revisit to endolymphatic duct identification using middle cranial fossa dural plate : a novel technique	Dr. Gautham
A comparative study on the effect of topical mitomycin -c and normal saline on granulation tissue in tracheostomised patients A cross sectional study on the psychosocial impact and quality of life in patients who underwent tracheostomy and their primary caregivers in a tertiary care centre	Dr. Sreelekshmy
Comparison of intraoral ultrasound, computed tomography and histopathology in assessment of depth of invasion in buccal mucosa cancers – a cross-sectional study Outcomes of neoadjuvant chemotherapy in locally advanced oral cancers	Dr. Monesha
Correlation of systemic immune inflammatory index with depth of invasion and lymph node metastasis in oral cancers Implications of middle cranial fossa dural plate, its importance in sclerotic mastoid to identify mastoid antrum and to avoid Complications	Dr. Sreejith
Comparison of post auricular soft tissue and soft tissue with bone pate in the obliteration of the mastoidectomy cavity in canal wall down mastoidectomy Nasal microbiota and sensitivity in patients with chronic rhinosinusitis in a rural tertiary care hospital	Dr. Suriya
Effect of posterior nasal neurectomy on the side of inferior turbinates in patients with allergic rhinitis - an observational study	Dr. Charuvi
The effect of platelet rich plasma on post operative wound healing following endoscopic sinus surgery - a prospective study	Dr. Krithiga
Effect of completely occlusive nasal pack versus nasal pack with airway on eustachian tube function and arterial blood gas - a randomised controlled trial	Dr. Hithyshree

**Ongoing :**

<b>Title of the research project</b>	<b>Principal Investigator</b>
Impact of addition of 5 -aminolevulinic acid induced photodynamic therapy to neoadjuvant chemotherapy in locally advanced oral squamous cell carcinoma.	Dr. S M Azeem Mohiyuddin
Jigsaw versus traditional teaching method for delivery of aligned and integrated topics(aito) among final year mbbs students - parallel open randomised intervention study	Dr. Ujval. M

Fiberoptic endoscopic evaluation of swallowing in patients with stroke - a cross sectional study	Dr. Rachana
Microbial biofilms on tracheostomy tube and tracheostoma before and after treatment - a cross sectional study	Dr. Sriram
Correlation of clinical and pathological findings in aural polyps	Dr. Deepthi
Assesment of patency of carotid artery and internal jugular vein following neck dissection and post operative radiotherapy in head and neck cancers -a prospective observational study	Dr. Gokul
Tympanometric assessment for eustachian tube function in patient's undergoing total or partial maxillectomy	Dr. Pavithra
Comparing the audiological and functional outcomes of type 1 tympanoplasty with and without exteriorisation of handle of malleus.	Dr. Swathi
Comparing the audiological and functional outcomes of type 1 tympanoplasty with and without exteriorisation of handle of malleus.	Dr. Asmitha
Comparitive study of temporal fascia graft uptake in myringoplasty with and without autologous platelet rich plasma	Dr. Chandana

#### MD/MS Dissertations / PG/Ph.D. thesis (2023-24 batch only)

Topic	Name of the student	Name of the Guide	Name of the Co-guide (if any)
Effect of n-acetyl cysteine versus ambroxol on mucociliary Clearance in postoperative cases of chronic rhinosinusitis	Dr. Vyshnavi	Dr. Kouser Mohammadi	-
Outcome of 15% silver nitrate cauterization of inferior turbinate in the treatment of allergic rhinitis -an observational study	Dr. Shreya	Dr. S.M. Azeem Mohiyuddin	-
Outcome of conventional resection versus pre operative ultrasound guided mapping followed by resection of buccal mucosa cancers – a prospective comparative study	Dr. Synan Abdulla	Dr. S.M. Azeem Mohiyuddin	-
Comparision of diagnostic nasal endoscopic Findings with plain computed tomography scan With paranasal sinus findings in chronic Rhinosinusitis: a cross sectional study	Dr. Manognya	Dr. G K Narayana	Dr. Adarsh A D

A prospective observational study on use of autologous platelet rich fibrin membrane in trans canal myringoplasty.	Dr. Rishitha	Dr. Sagayaraj. A	-
A prospective observational study on the sequelae of longterm tracheostomy on nasal mucosa	Dr. Gayathri	Dr. G.K. Narayana	Dr. Kalyani
Title: effect of adenoid and tonsillar hypertrophy on pre and postoperative pulmonary artery pressures and its correlation with n terminal pro b type natriuretic peptide in children - a prospective observational study.	Dr. Haneesha	Dr. Sagayaraj. A	Dr. Susanna T Y  Dr. Yashwanth A L
Prospective observational study on change in saliva composition following radiotherapy in head and neck cancer patients	Dr. Meenu	Dr. S.M. Azeem Mohiyuddin	-

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

**Faculty:**

Details of the Honor/Award/Fellowship	Awarded by (e.g. University/ Association etc.)	Awarded to (Name of the Individual)	State National/International Level
Fellowship in Endoscopic Sinus and skullbase Surgery	The Bombay Hospital and Medical Research Centre	Dr. Usha G	National

**Postgraduates:**

Details of the Honor/Award/Fellowship	Awarded by (e.g. University/ Association etc.)	Awarded to (Name of the Individual)	State National/International Level
First prize gold medal in the E – Poster Presentation	SRMC, Chennai	Dr. Monesha	National Level

## 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
- To train postgraduates to be competent in knowledge and skills to meet global standards

### Introduction:

The Dept. of Psychiatry was established in 1988 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 as HoD of the Dept. 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. 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 –Manasadhara and Manochaitanya program run by the District Health authorities, Kolar. The MD Psychiatry course has been started from the academic year 2020-21 with two seats per year.

### Thrust areas:

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

### Teaching Faculty



Sitting from L to R: Dr. MD Kamran Chisty, Dr. Mohan Reddy M, Dr.Jagadish S.N, Dr.Purushotham .A

Standing first row From L to R: Dr Anusha D ,Dr.Stuti J Mashru , Dr. Ruth Sneha C, Dr.Sahana S Murthy , Dr Anukriti Garg

Standing second row From L to R: Dr. Manoranjitha .V , Dr Veni Nirudya . K, Dr Afra Shaz Rahimulla , Dr Vathsala G.K, Dr .Eby Yesudas

**Teaching Faculty Details**

Name	Designation
Dr. Mohan Reddy M	Prof & HoD
Dr. Ruth Sneha C	Assoc. Professor
Dr. Purushotham A	Asst. Professor
Dr Kamran MD	Asst. Professor
Dr Sahana SM	Asst. Professor
Dr. Jagadish S.N	Clinical Psychologist
Dr.K.Veni Nirudya	Senior Resident
Dr.V.Manoranjitha	Senior Resident
Dr Afra Shaz Rahimulla	Jr. Resident
Dr Stuti Mashru	Jr. Resident
Dr Eby Yesudas	Jr. Resident
Dr Vathsala G K	Jr. Resident
Dr Anukriti Garg	Jr. Resident
Dr Anusha DU	Jr. Resident

**Details of programmes conducted:**

Program	Date(s)	Nature and theme of the program	State/National /International Level
Value added course	20-04-2023 21-04-2023	Suicide prevention and gatekeeper's training	State
Awareness program	26-06-2023	International Day against Drug Abuse and Illicit trafficking	State
Guest lecture	10-09-2023	World Suicide Prevention Day on the theme "Creating hope through action"	State
CME	10-10-2023	World Mental Health Day on the theme "Mental health is a universal human right"	State
Value added course	26-02-2024 to 01-03-2024	Consultation Liaison Psychiatry	State

**Details of programmes attended by faculty:**

Date(S)	Nature and Theme of The Program	Name of The Faculty Attended
24 th April to 3rd May 2023	Short Term Capacity Building Programme On Emotional Well -Being at Technology -Enabled Workplace	Dr Ruth Sneha C
1st May To 31 st May 2023	Online Course on Medical Certification Of Cause Of Death(E -MCCD)	Dr Purushotham A
9th August 2023	Symposium on Preventive Health	Dr Ruth Sneha C

9th November 2023	With and For Adolescents: Building A Healthier and More Inclusive Future	Dr Purushotham, Dr MD Kamran Chisty Dr Sahana S Murthy
11 November 2023	Emotional Regulation & Resilience Building	Dr Ruth Sneha C
18th -21st January 2024	Psychiatric Care: Problems Progress & Prospects	Dr Mohan Reddy M
30th January 2024.	Adolescent Mental Health Issues as A Part of NRI	Dr Sahana S Murthy
10th February 2024	Proactive Strategies in Child Abuse Identification, Intervention, And Prevention	Dr Sahana S Murthy
23rd To 25th February 2024.	NMC's Advance Course in Medical Education	Dr Mohan Reddy M
10th February 2024.	Proactive Strategies in Child Abuse Identification, Intervention, And Prevention	Dr Sahana S Murthy

#### Details of Oral / Poster presentation by faculty:

##### Oral presentation

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Paper Presentation	Cancer of the Mind and Body -A Cross Sectional Study of Depression and Anxiety in Carcinoma Cervix Patients in a Tertiary Care Hospital	ADDICON - 2023  National Level Conference	Dr Afra Shaz Rahimulla Dr Mohan Reddy M Dr.Ruth Sneha C
	Suicide attempt in geriatric patients in tertiary care hospital	National CME IAGMH – Hyderabad 2024	Dr. Stuti J. Mashru Dr. Mohan Reddy M.

##### Details of Poster presentation

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Poster presentation	The Guard, His Gauntlet and Goblet - An Atypical Presentation of Pellagra in a Chronic Alcoholic	KANCIPS 2023 State Level Conference	Dr .Afra Shaz Rahimulla, Dr. Shilpa Shri , Dr .Mohan Reddy M
	Alcohol withdrawal syndrome presenting as stroke in young	KANCIPS – State Level Conference 2023	Dr. Stuti J. Mashru Dr. Mohan Reddy M. Dr. Purushotham

**Details of Research projects:****Completed:**

<b>Title of the Research Project</b>	<b>Principal Investigator</b>
Attitudes Towards Psychiatry Among First Year and final year MBBS Students In A Medical College In Kolar - A comparative Cross Sectional Study	Dr Ruth Sneha C
Evaluating Sad Using Dass - A Short Study To Assess Prevalence And Situational Factors Impacting Depression, Anxiety And Stress In Medical Postgraduates In A Tertiary Care Hospital	Dr Afra Shaz Rahimulla
Pattern Of Nicotine Use Among Women In Rural Population Of Kolar: A Cross – Sectional Study	Dr Stuti J Mashru

**Ongoing:**

<b>Title of the research project</b>	<b>Principal Investigator</b>
Investigating occupational stress and burnout among doctors in a tertiary care rural medical college:a cross sectional study	Dr Mohan Reddy M
Is there a link between Interleukin -6,Vitamin D and Depression? A cross - sectional study among nursing student s at a tertiary care centre in Kolar.”	Dr Ruth Sneha C

**MD/MS Dissertations / Ph.D. thesis (2021-22 batch only)**

<b>Topic</b>	<b>Name of the student</b>	<b>Name of the Guide</b>
Personality profile among patients with deliberate self harm in tertiary care hospital: a cross sectional study	Dr Stuti Mashru	Dr Mohan Reddy M
A study to evaluate the prevalence of depression and anxiety and its impact on quality of life in cervical cancer patients in tertiary care hospital	Dr Afra Shaz Rahimulla	Dr Mohan Reddy M

**MD/MS Dissertations / Ph.D. thesis (2022-23 batch only)**

<b>Topic</b>	<b>Name of the student</b>	<b>Name of the Guide</b>
Psychiatric Co -morbidity In Spouses Of Patients With Alcohol Dependence Syndrome: A Cross -Sectional Study	Dr Eby Yesudas	Dr Mohan Reddy M
Prevalence Of Metabolic Syndrome Among Psychiatric Patient : A Cross Sectional Study	Dr Vathsala G K	Dr Mohan Reddy M

**MD/MS Dissertations / Ph.D. thesis (2023-24 batch only)**

Topic	Name of the student	Name of the Guide
Cognitive Deficits in Patients with Alcohol Dependence Syndrome in A Tertiary Care Centre: A Cross Sectional Study	Dr Anusha D U	Dr Mohan Reddy M
Prevalence and Impact Of Premenstrual Dysphoric Disorder On The Quality Of Life Amongst The Medical And Allied Health Science Students - A Longitudinal Study	Dr Anukriti Garg	Dr Mohan Reddy M

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

Details of the Honor/Award/Fellowship	Awarded by	Awarded to
Second Prize in Paper Presentation	National CME – Hyderabad IAGMH & ASHA HOSPITAL	Dr. Stuti Jayantbhai Mashru

## Department of Emergency Medicine

### Vision:

- To develop the best centers of Emergency Medicine by providing competent Emergency Care.

### Introduction:

The Department of Emergency Medicine was established at Sri R.L. Jalappa Hospital and Research Centre in the year 2012. As the Nation has prioritized Emergency Care to all its citizens, Sri Devaraj Urs Academy of Higher Education and Research has assumed a leadership role in the eastern most part of Karnataka with tri-state diversity by creating state-of-the-art emergency wing. The Department of Emergency Medicine has evolved from its nascent stage of casualty to a specialized state of art 24\*7 quality emergency medicine care facility with emphasis on provisioning best of resuscitative care to all kinds of presenting emergencies to maximize the favorable patient outcome during the golden hour. The new Emergency Wing of the department was inaugurated on 15 august 2019.

### Thrust areas:

- Quality Emergency Care 24/7/365: - Training interns
- Skill & Simulation Lab: - Hands on Training
- Mock Drills

### Teaching Faculty



**Standing From Left To Right:** Dr. Aghnay Kalathingal, Dr. Yeruva Nikhil Reddy, Dr. Aravind.S.R, Dr. Vinod Kumar. B.M

**Sitting From Left To Right:** Dr. Eshwar Gowd, Dr. Devendra Prasad.K.J, Dr.Rajesh.K, Dr. Murali Mohan.N.T, Dr. Krishna Moorhty DGSR, Dr. Chandra Keerthy.D.M

**Teaching Faculty Details:**

Name	Designation
Dr.N.T.Muralimohan	Professor & HOD
Dr.Rajesh.K	Associate Professor
Dr.Krishna Moorthy.D.G.S.R	Assistant Professor
Dr.K.J.Devendra Prasad	Assistant Professor
Dr. Chandra Keerthi	Senior Resident
Dr. Y.Nikhil Reddy	Junior Resident/PG
Dr. Aravind.S.R	Junior Resident/PG
Dr. Aghnay	Junior Resident/PG
Dr. Vinod Kumar B.M	Junior Resident/PG

**Details of programmes conducted:**

Program	Date(s)	Nature and theme of the program	State National/ International Level
CME	28.01.2024	"Updates in Emergency Medicine"	State Level
Guest Lecture	29.04.2023	"Ventilation in Obstructive Airway Diseases in ER and beyond "	Institution level
	9.09.2023	"Trauma Resuscitation - Beyond the Basics"	Institution level
	21.03.2024	"Run Cardiac arrest and know when to stop"	Institution level
Poster Competition	27.05.2023	"International Emergency Medicine Day Poster competition themed: "Your safety our priority "	Institution level
Community out reach programme	27.05.2023	"First Aid and CPR "	Zonal level
Webinar	01.07.2023	"Stress Management and burnout and wellness among health care professionals"	National Level
	18.10.2023	"Interpretation of Blood Gas Analysis in Emergency and Critical care"	State Level
	02.12.2023	"Emergencies in HIV "	State Level

## Details of programmes attended by faculty

Program	Date(s)	Nature and theme of the program	Name of the Faculty attended
CME	03.05.2024	Infectious disease , VIMS, Bangalore	Dr.N.T.Murali Mohan
Conference	23rd to 27th August 2023	EMINDIA2023 At Dr. D. Y. Patil Vidyapeeth, Pune	Dr. Rajesh.K
	21st to 24th September 2023	EM KARNATAKA -2023	Dr. Krishna Moorthy DGSR Dr. Devendra Prasad.K.J Dr.Yeruva Nikhil Reddy (2nd Year Post Graduate) Dr. Aravind.S.R (2nd Year Post Graduate)
	18 <sup>th</sup> & 19 <sup>th</sup> November 2023	EMA ANDHRA PRADESH State Emergency Medicine Conference Narayan Medical college, Nellore	Dr. Rajesh.K Dr. Devendra Prasad.K.J

## Details of Oral / Poster presentation by faculty:

## Oral presentation

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Oral Presentation	External validation of the comorbidity poly pharmacy score (CPS) in the prognosis of an elderly Trauma victim in correlation with the injury severity scoring system	EM KARNATAKA 2023 21st to 24th September 2023	Dr.Krishna Moorthy DGSR Assistant Professor
Oral Presentation	Modified shock index, shock index and age shock in predicting need for mechanical ventilation among sepsis patients in a tertiary care hospital	EM KARNATAKA 2023 21st to 24th September 2023	Dr. Devendra Prasad K.J Assistant Professor

**Details of Poster presentation**

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Poster presentation	Jailed sino-atrial node VIMS, Bangalore	EM KARNATAKA 2023 21st to 24th September 2023	Dr.Krishna Moorthy DGSR Assistant Professor
Poster presentation	Clinicopathological Conference VIMS, Bangalore	EM KARNATAKA 2023 21st to 24th September 2023	Dr.Krishna Moorthy DGSR Assistant Professor
Poster presentation	"Expect the unexpected" VIMS, Bangalore	EM KARNATAKA 2023 21st to 24th September 2023	Dr.Yeruva Nikhil Reddy (2 nd Year Post Graduate)
Poster presentation	"Fast and fatal Fournier's" VIMS, Bangalore	EM KARNATAKA 2023 21st to 24th September 2023	Dr. Aravind.S.R (2nd Year Post Graduate)

**Details of Research projects****Completed:**

Title of the Research Project	Principal Investigator
Comparison of the Poisoning Severity Score, Sequential Organ Failure Assessment Score, and Acute Physiology and Chronic Health Evaluation II Score with Lactate to assess the outcome in Acute Organophosphorus Poisoning	Dr. Krishna Moorthy DGSR
Shock indices as prognostic indicators among sepsis and septic shock patients with and without comorbidities presenting to emergency department. (Book)	Dr. Devendra Prasad K.J

**Ongoing:**

Title of the research project	Principal Investigator
A clinical study to compare the trauma scoring systems for predicting mortality in patients with "trauma".	Dr. Krishna Moorthy Dgsr Assistant Pro fessor
A clinical study to compare the efficacy of pain reduction with intravenous diclofenac vs tramadol vs paracetamol in acute renal colic	Dr. Krishna Moorthy Dgsr Assistant Pro fessor
Predicting cormack lehane (cl) grade of difficult airway based on anterior neck tissue thickness at the level of vocal cords on point of care ultrasound in the emergency department	Dr. Krishna Moorthy DGSR Assistant Professor
A study comparative analysis of different pre -hospital scales for identifying stroke from storke mimics".	Dr. Rajesh.K Associate Professor

Impact of simulation-based learning on knowledge and skills among medical students undergoing competency based medical education.	Dr. Devendra Prasad.K.J Assistant Professor
Prediction of outcome based on madras head injury prognostication scale (MHIPS) in comparison to impact (international mission for prognosis and analysis of clinical trials) and crash (corticosteroid randomization after significant head injury) prognostic models in traumatic brain injury (short study)	Dr. Y Nikhil Reddy Junior Resident
Comparing TIMI and grace scores with shock index-based indices in predicting outcomes of STEMI patients undergoing reperfusion.	Dr. Aravind.S.R Junior Resident

**MD/MS Dissertations / PG/Ph.D. thesis (2023-24 batch only)**

Topic	Name of The Student	Name of The Guide
The role of end tidal carbon dioxide, end tidal carbon dioxide gradient , and venoarterial gradient in prognosticating sepsis with sequential organ failure assessment score - a comparatative study	Dr. Aghnay Kalathingal Junior Resident	Dr.Rajesh.K
Serial B-type natriuretic peptide levels versus Pulmonary oedema prognostic score in prognostication of Acute cardiogenic pulmonary oedema - A Prospective Observational study .	Dr. Vinod Kumar.B.M Junior Resident	Dr. N.T. Murali Mohan

**Achievements / honors / awards / fellowships  
Faculty**

Details of the Honor/Award/Fellowship	Awarded by (e.g. University/ Association etc.)	Awarded to (Name of the Individual)	State National/International Level
PGDMLE	National Law School, Bangalore August -2023	Dr. Rajesh K Associate Professor	State National/International Level
PGDMLE	National Law School, Bangalore August -2023	Dr. Devendra Prasad.K.J Assistant Professor	State National/International Level

## Department of Surgical Oncology

### Vision:

- Enriching lives through Care. Compassion and Cure for Cancer patients
- We are dedicated to providing high quality safe and effective cancer treatment
- Catering to oncological care of patients attending RLJH

### Introduction:

Surgical Oncology is a disease-based discipline. Deals with management of cancer. Surgical Oncologist: oncologist who performs cancer surgery. Forms part of the multidisciplinary team involved in treatment of cancer patients.

Oncological surgery includes surgeries to

- Obtain tissue diagnosis (biopsies)
- Treatment of cancer and cancer-like masses
- Prevention
- Palliation

### Thrust areas:

- Oncology surgeries for all solid tumours
- Minimizing ablative surgeries in few scenarios like SLNB for breast cancer, Limb salvage surgery for soft tissue and bone sarcomas
- Focus on quality of life related issues of patients undergoing major oncological surgery

### Teaching Faculty



**L to R: Sitting:** Dr. Suraga Belakawadi, Dr. Aswathappa D, Dr. Abhay K Kattepur, Dr. Mahadev Abhishek M  
**Standing:** Dr. M Abrar Ahmed, Dr. Pradeep Balineni, Dr. Prdyumna S.

### Teaching Faculty Details:

Name	Designation
Dr. Aswathappa D	Prof &H oD
Dr. Abhay K Kattepur	Assoc . Professor
Dr. Mahadev Abhishek M	Asst . Professor
Dr. SuragaBelakawadi	Asst. Professor

**Details of programs conducted:**

Program	Date(s)	Nature and theme of the program	State National/ International Level
CME	27th Oct2023	Department of Surgical Oncology and General Surgery Conducted A CME on "UPDATE ON BREAST CANCER " Physiology AV hall 1 st floor, SDUMC	Institutional level
Guest Lecture	18thfeb 2024	Motor cycle Rally (World Cancer Day)	Institutional level
Guest Lecture	06th Feb 2024	Orientation program for the MCh Surgical Oncology 1 st year post graduate students	Institutional level
Guest Lecture	30th Oct 2023	Breast Cancer Awar eness in Kolar Public "Breast Cancer Screening" Program at Kolar OPD	Institutional level
Quarterly Internal Assessment	30th March 2024.	Conducted Quarterly Internal Assessment examination for MCh postgraduate students	Institutional level

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

Program	Date(s)	Nature and theme of the program	Name of the Faculty attended
CME	3rd Feb 2024	St John's ABSI CME Breast Cancer held at St John's Medical college, Bangalore	Dr. Gopinath K.S. Dr. Abhay K Kattepur Dr. Mahadev Abhishek M Dr. Pradyumna S.R Dr. M Abrar Ahmed
Workshop	July 2023	Basic Course in Biomedical Research	Dr. Abhay K Kattepur
Conference	22nd March 2024	"Best of ASCO officially licensed " Conference at Bangalore	Dr. Gopinath K.S.
Conference	18th to 20 March 2024	World Cancer Congress held at New Delhi	Dr. Gopinath K.S.
Conference	1st to 3rd March 2024	MIDCON Hubballi 2024 – IASO Mid Term Conference	Dr.Suraga Belkawadi
Conference	16th to 18th February 2024	"Head and Neck Cancer Summit" at Chennai	Dr. Gopinath K.S. Dr. Abhay K Kattepur

Conference	2nd Nov to 5th Nov - 2023	“ 3rd Indian cancer congress 2023 at jio world convention centre Mumbai	Dr. Abhay K Kattepur Dr. Mahadev Abhishek M
Conference	27th to 28th May 2023	“GI–CON 2023” Conference (Demystifying controversies in GI Cancers)” at Hubballi.	Dr. Abhay K Kattepur Dr. Mahadev Abhishek M
Conference	3rd April to 5th April 2023	9th Annual National Conference of IMSOS 2023 at Chennai	Dr. Aswathappa D
Exam	12th August 2023	External examiner for Exit exam for Fellowship in Onco -Surgery at KMC, Manipal	Dr. Abhay K. Kattepur
Quiz	April 2023	Web based quiz “ Membrain” conducted by the ASI	Dr. Abhay Kattepur K

#### Details of Oral / Poster presentation by faculty:

##### Details of Poster presentation

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Poster	Free flap Reconstruction at a Rural- Based Medical College Hospital Barriers and outcomes	Head and Neck Cancer Summit held on 16th to 18th February 2024 at Chennai	Dr. Abhay K Kattepur
Poster	An Ode to The Heart from Down Under!	3rd Indian Cancer Congress 2023 at Mumbai 2 nd to 5th Nov - 2023	Dr. Abhay K Kattepur
Poster	A rare case of locally advanced Urachal adenocarcinoma	3rd Indian Cancer Congress 2023 at Mumbai 2 nd to 5th Nov - 2023	Dr. Mahadev Abhishek M

**Details of Research projects****Ongoing:**

Title of the research project	Principal Investigator
DBT PROJECTS a) Virtual National Oral Cancer institute Project	Dr Azeem M Dr Gopinath KS
b) Utility of TP53 as a predictor marker for response to neoadjuvant chemotherapy in locally advanced breast and advanced epithelial ovarian cancer	Dr. Abhay K Kattepur
ICGA Breast Cancer Genome Atlas Project	Dr. Gopinath KS Dr. Tapas Kundu
Genetic and Epigenetic drives of chewing tobacco (kaddipudi) habited woman oral cancer patients	Tapas Kundu, Dr. Gopinath K.S,

**MD/MS Dissertations / PG/Ph.D. thesis (2020-21 batch only)**

Topic	Name of the student	Name of the Guide	Name of the Co-guide (if any)
Evaluation of CA 125 as an indicator of imaging during follow up of Carcinoma Ovary	Dr. Ravali	Dr. Vasanth Kumar	Dr. Abhay K Kattepur
Immunohistochemical Expression of CD8+and foxp3+in oral squamous cell carcinoma	Dr. Sharjubala Khumnthem	Dr. Suresh T.N .	Dr. Aswathappa D
Knowledge attitude and practice regarding cervical cancer and its prevention among first and final year Medical Undergraduates	Dr. Haneena M Kukkamgai	Dr. Kalyani R. Dr. Rathnamma	Dr. Abhay K Kattepur
The Role of Shugoshin 1 in breast cancer	Indumathi AN	Dr. VenkateswarluRa avi Dr. Kalyani R	Dr. Abhay K Kattepur

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

Details of the Honor/Award/Fellowship	Awarded by	Awarded to	State National/International Level
3rd place in the Skit event in Hospital Day Celebration 19 <sup>th</sup> October -2023	SDUMC	Dr. Abhay K Kattepur	SDUMC

**FACULTY OF ALLIED HEALTH AND  
BASIC SCIENCES**

## School of Allied Health Sciences

### Vision:

Honing Skills of Allied Health Care Professionals for healthy humanity

### Introduction:

The Department of Allied Health Sciences established in 2010 as a new initiative to provide programs of vocational nature to prepare Allied Health Care professionals to perform for the wellbeing of the mankind with commitment and dedication. The Department aims to become a leader in Allied health Science education and continues to grow and expand its activities. Currently, the Department offers 04 post graduate, 12 graduates and one certificate course under Faculty of Studies in Allied Health Sciences in the Academy. The total strength of the students in the department is 487 that comprising Undergraduates & Post graduates. A unique scheme of Earn While You Learn, a separate AHS-NSS unit and students are exposed to Sports and cultural activities.

### Thrust areas:

- Proteomics and Enzymology
- Preeclampsia Research

### Teaching Faculty



**L to R: Sitting-** Dr. Usha G. Shenoy, Dr. C. D. Dayanand, Dr. Deena Mendez, Mr. Mahesha M  
**Standing:** Mr. Franklin John, Ms. Sowdhamini J, Ms. Nalini H.S, Ms. Duvvuru Greeshma, Ms. Chandini Rao K N, Ms. Yogitha S

### Teaching Faculty Details:

Name	Designation
Dr. C. D. Dayanand.	Professor & HoD
Dr. Deena Mendez	Assoc. Professor
Dr. Usha G. Shenoy	Asst. Professor
Ms. Nalini H.S.	Lecturer / Course Coordinator
Ms. Sowdhamini J.	Lecturer / Course Coordinator
Ms. Chandini Rao K N	Lecturer / Course Coordinator
Mr. Koustubh Kamath	Lecturer / Course Coordinator
Ms. Duvvuru Greeshma	Lecturer / Course Coordinator
Ms. Yogitha S	Lecturer / Course Coordinator
Mr. Mahesha M	Lecturer / Course Coordinator
Ms. Chaithanya A	Lecturer
Ms. Nithyasri N.	Demonstrator
Mr. Franklin John	Demonstrator

**Details of programs conducted:**

Program	Date(s)	Nature and theme of the program (e.g. CME on Air Quality Management)	State National/International Level
Workshop	13/10/2023 & 16/10/2023	"DEEKSHARAMB" Student Induction Program	Institutional level
Webinar	15/12/2023	"Global Challenges of Allied Health Care Professionals"	National Level Webinar

**Details of programmes attended by faculty:**

Prigram	Date(s)	Nature and theme of the program (e.g. Workshop on Perinatal Mortality)	Name of the Faculty attended
Conference	2nd – 4th Nov -2023	XXXIV Annual Conference of the physiological society of India	Dr. Usha G Shenoy Dr. Chandini Rao K N

**Details of Research projects****Ongoing:**

Title of the research project	Principal Investigator
Study on the extent of Genotoxicity in the Residents of Mine Tailing and Non -Mine tailing are of KGF	Dr. Usha G Shenoy

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

Topic	Name of the student	Name of the Guide
A comparative study of peripheral smear findings with RBC indices and automated analyzer generated RBC histogram in the diagnosis of anemia's	Ms. Bhargavi T	Dr. Shilpa M.D.
To evaluate six R's components of Hemovigilance cycle in recipient hemovigilance in a tertiary care centre	Ms. Preethi P	Dr. Supreetha M.S.

**Achievements / honors / awards / fellowships:****Postgraduates:**

Details of the Honor/Award/Fellowship	Awarded by (e.g. University/ Association etc.)	Awarded to (Name of the Individual)	State National/International Level
PG Gold Medal	SDUAHER	Ms. Preethi P	Institutional Level

## Department of Physiotherapy

### Vision:

Global excellence in physiotherapy education, health care and research performance.

### Introduction:

The Department for Annual Report Preparation, established in 2016 as an academic department following UGC guidelines, has been instrumental in fostering the growth and development of physiotherapy education and practice. It began its journey by launching the BPT program for the academic year 2016-17, and since then, it has continually evolved to provide students with a cutting-edge education. In 2017, the department introduced a CBCS-based curriculum, emphasizing career-oriented skills such as leadership, communication, and team development.

Led by a team of highly qualified healthcare professionals from SDUMC and FAHBS, SDUAHER, the department has consistently strived for excellence in both education and clinical services. In 2022, the department expanded its offerings to include the MPT and PhD programs, enriching the educational landscape further.

At the core of its mission is the practical training of students through clinical services, utilizing a 1000-bedded in-house hospital. The Department of Physiotherapy specializes in addressing a wide range of health conditions, including neurological diseases, pediatric developmental disorders, musculoskeletal injuries, and cardio-pulmonary diseases. It also extends its expertise to women's health, geriatric fall prevention, cancer rehabilitation, and community outreach programs.

Throughout its journey, the department has organized numerous academic and non-academic activities. These initiatives have included organizing workshop on dry needling, celebrating World Physiotherapy Day with a focus on osteoarthritis, conducting awareness programs in collaboration with local communities, and hosting guest lectures on innovative healthcare technologies. This annual report will provide a comprehensive overview of the department's accomplishments, progress, and its unwavering commitment to excellence in physiotherapy education and healthcare services.



**Thrust areas:**

- Community based health care delivery/ services
- Pediatric habilitation and early intervention
- Cardio-pulmonary rehabilitation
- Stroke & neuro-rehabilitation
- Musculoskeletal rehabilitation

**Teaching Faculty**

**Sitting Right to Left:** Dr. Likhith M, Dr. Naveen Kumar I, Dr. Senthil Kumar E, Dr. Saravanan J, Dr. Ramesh Kumar J

**Standing Right to Left:** Ms. Sasi Rekha, Dr. Sathya M, Dr. Kavitha Rani N, Dr. Saniksha Sudhir Revandikar, Dr. Sarulatha H.

**Teaching Faculty Details:**

Name	Designation
Dr. Senthil Kumar E	Prof & HOD
Dr. Ramesh Kumar. J	Professor
Dr. Sarulatha. H	Professor
Mrs. Kavitha Rani N	Asst Prof
Mr. Saravanan J	Asst Prof
Mr. Naveen Kumar I	Asst Prof
Ms. Sanikhsa Sudhir Revandikar	Asst Prof
Mr. Likhith M	Lecturer
Ms. Sathya. M	Tutor/ Physiotherapist

**Details of programmes conducted:**

University/ State/National/ International	Date(s)	Nature and theme of the program (e.g. CME on Air Quality Management)
University Level	27-05-2023	Lifestyle diseases and Health promotion - at College of Horticulture, Kolar.
University Level	28-05-2023	Career Counselling workshop
National Level Webinar	23-11-2023	Webinar on Behalf of World COPD Day
University Level	21-11-2023	World PT Day Celebration - Ergonomics and Awareness Camp.
University Level	07-12-2023	Internal day for person with disability celebration - Mega Physiotherapy
University Level	09-02-2024	Webinar on Career Counseling - Medical coding
State Level	26-02-2024 to 29-02- 2024	Workshop on Dry needling with Cadaver Assistance.
University Level	27-07-2023 – 29-07-2023	PHYSIOFIESTA 2K23 - Intradepartmental Event

**Details of programmes attended by faculty:**

Category	Date	Nature and theme of the program	Name of the Faculty attended
International conference	11-03-2024	15th annual international one week course on health research methodology and evidence based medicine	Saniksha Sudhir Revandikar
Workshop	12-02-2024	15th annual international one week course on health research methodology and evidence based medicine	Saniksha Sudhir Revandikar
International conference	29-09-2023 – 30-09-2023	MEDUCON 2023 - JIPMER	Dr. Naveen Kumar I
International Webinar	27-04-2023	Elsevier Webinar on research	Dr. Naveen Kumar I
Online Course	23-11-2023	Embodia Academy Wheelchair course	Dr. Naveen Kumar I

**Oral presentation**

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Workshop	28-12-2023 – 2-01-2024	Pre-Conference Workshop on ConUnuing Medical Education {CME}	Dr. Senthil Kumar E
University level Workshop	7-11-2023	Workshop on OSCE & OSPE- SDUAHER	Dr. Naveen Kumar I
Pre conference Workshop	29-09-2023 – 30-09-2023	EPAs for competency based assessment - JIPMER	Dr. Naveen Kumar I
Workshop	22-12-2023	ELS2 Course designing workshop - SDUAHER	Dr. Naveen Kumar I
Workshop	11-04-2023 – 12-04-2023	ELS1 Technology enabled student engagement - SDUAHER	Dr. Naveen Kumar I
Workshop	17-11-2023	Leadership workshop - Adichunchunagiri University	Dr. Naveen Kumar I

**Details of Research projects****Ongoing :**

Title of the research project	Principal Investigator
Strength and recruitment pattern of the lateral trunk flexors and gluteal muscles in osteoarthritis patients.	Dr. Senthil
Quadriceps angle knee, proprioception and quadriceps strength after anterior cruciate ligament surgery and rehabilitation . An observational study	Dr. Senthil
Dual task interference on gait in middle aged and older adults.	Dr. Sarulatha H

**Dissertations / Ph.D. thesis (2020-21 batch only)**

Topic	Name of the student	Name of the Guide	Name of the Co-guide (if any)
Virtual Assessment of functional performance in elderly using SPPB	Ajay Kumar S	Dr. Sarulatha	Dr. Naveen Kumar I
Validating multi dimensional fatigue inventory in kannada	Akshay Kumar S	Dr. Sarulatha	Dr. Naveen Kumar I
Feasibility of telephysiotherapy on glucose control and physical performance in patients with diabetic peripheral neuropathy at tertiary care center - A Pilot study	Deekshitha Y S	Dr. Sarulatha	Dr. Naveen Kumar I

Influence of alcohol dependency on physical performance among older adults- a cross sectional observation study	Manjuntha B	Dr. Sarulatha	Dr. Naveen Kumar I
Physical fatigue assessment, linguistic adaptation and validation of fatigue severity scale among type 2 Diabetes mellites population	Monica Shree	Dr. Sarulatha	Dr. Naveen Kumar I
Effect of water based respiratory muscle training in normal adults - a randomized clinical trail	Pavan Kumar	Dr. Senthil Kumar	Dr. Likhit M
Kannada translation and cross cultural adaptation of modified fall efficacy scale	Sininguntal ajay kumar	Dr. Senthil Kumar	Dr. Saniskha Sudhir
Translation in kannada and cross cultural adaptation of activities specific balance confident sca;e	Sandhya gowda	Dr. Sarulatha	Dr. Naveen Kumar I

## Speech Pathology and Audiology

### Vision:

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

### Introduction:

The Academy established the Department of Speech Pathology and Audiology on 20 June 2018 under the faculty of Allied Health and Basic Sciences. The objectives of the department are to conduct professional training, provide clinical services of the highest standard to the needy, and undertake research. The department runs a 4-year Bachelor of Audiology and Speech-Language Pathology (B.ASLP) program and Ph.D program in Audiology and Speech Language Pathology. During April 23 – March 24, the department handled 4168 OPD cases and 2416 therapy sessions efficiently. The New Born Screening program and Cochlear Implant scheme (ADIP), Govt. of India are the major strengths of the department.

### Thrust areas:

- Universal Newborn Hearing Screening
- Noise- Induced Hearing Loss
- Fluency Disorders

### Teaching Faculty



**L to R :** Ms. Anu Lokheshwar, Mr. A V Sumanth, Ms. P Vaideeshwari, Mr. M Abhijith, Dr M Jayaram, Ms. H M Apoorva, Ms. T Prithivi, Mr S Lokheshwar and Ms. D Lavanya Kiruthika

**Teaching Faculty Details:**

Name	Designation
Dr M Jayaram	Professor & H oD
Ms. H M Apoorva	Asst. Professor
Mr. A V Sumanth	Asst. Professor
Mr S Lokheshwar	Asst. Professor
Mr. M Abhijith	Asst. Professor
Ms. T Prithivi	Asst. Professor
Ms. D Lavanya Kiruthika	Asst. Professor
Mr. R Bharath	Asst. Professor

**Details of programmes conducted:**

Program	Date(s)	Nature and theme of the program	State National/ International Level
Camp	26 April 23	Industrial Hearing Screening Camp at Kolar-Chikkaballapura District Co-operative Milk Producers Union Ltd., (KOMUL), Kolar	Regional
	18 May 23	Noise survey at Kolar -Chikkaballapura District Co-operative Milk Producers Union Ltd., (KOMUL), Kolar	Regional
	8-9, 14-15 December 2023	School screening camp at 4 Govt. Schools in Kolar as a part of International Day for Persons with Disability	Regional
Exhibition	22 June 2023	Scientific Exhibition on Speech and Hearing as a part of department establishment day	Regional
Awareness program	3 March 2024	A short video-making competition observing World Hearing Day	Regional

**Details of programmes attended by faculty:**

Program	Date(s)	Nature and theme of the program	Name of the Faculty attended
Workshop	25 November 2023	Total laryngectomy: A comprehensive look at tracheoesophageal voice restoration and pulmonary rehabilitation	Ms. Anu Lokheshwar
Conference	19-21 January 2024	55th National Conference of Indian Speech and Hearing Association	Mr. Lokheshwar S, Ms. Anu Lokheshwar

	7-8 April 2023	Recent Advances in the Assessment and Management of Communication Disorders	Mr. Lokheshwar S, Ms. Anu Lokheshwar
	14-16 December 2023	National Conference on Community Based Rehabilitation	Ms. H M Apo orva Ms. T Prithivi
Webinar	11 December 2023	AUDISHCON 2023 -(C)APD: What after diagnosis?	Ms. T Prithivi
Course	March 2023 – July 2023	Interactive Materclass for Professional Audiologists in Cochlear Implant Technology 4.0	Ms. T Prithivi

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

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Oral	Speech-Language Pathology	Recent Advances in the Assessment and Management of Communication Disorders	Mr. S Lokheshwar Mr. M Abhijith Ms Anu Lokheshwar Dr. M Jayaram
Oral	Audiology	National Conference on Community Based Rehabilitation	Ms. T Prithivi Ms. H M Apoorva Mr. M Abhijith Dr. M Jayaram
Oral	Speech-Language Pathology	55th National Conference of Indian Speech and Hearing Association	Mr. A V Sumanth

**Details of Poster presentation**

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Poster	Speech - Language Pathology	55th National Conference of Indian Speech and Hearing Association	Mr. S Lokheshwar , Ms. Anu Lokheshwar
Poster	Speech - Language Pathology	Recent Advances in the Assessment and Management of Communication Disorders	Mr. S Lokheshwar
Poster	Audiology	National Conference on Community Based Rehabilitation	Ms. H M Apoorva

**Details of Research projects****Completed:**

<b>Title of the Research Project</b>	<b>Principal Investigator</b>
Community collaboration: Breaking barriers in early intervention of an infant identified with hearing impairment	Ms. H M Apoorva

**Ongoing:**

<b>Title of the research project</b>	<b>Principal Investigator</b>
Nature and time of onset of auditory deviations in individuals exposed to occupational noise	Ms. H M Apoorva
A study of the characteristics of neurogenic stuttering	Mr. A V Sumanth
Acoustical analysis of fluent and dysfluent utterances of the same sound in the speech of adult persons with stuttering	Mr. S Lokheshwar
Long-term effects of Covid -19 on hearing and vestibular functions	Mr. M Abhijith
Development of a regional database to estimate prevalence of stroke-aphasia: A multi-centric institution-based study from Karnataka: Phase 1	Dr. Goswami
Effectiveness of video-based early post-operative oral exercises to improve the swallowing among patients with oral cancer	Dr. G Vijayalaxmi
Undergraduate Students' motivation to opt for the Speech and hearing profession.	Mr. S Lokheshwar
An alternate method to assess the movement of velum in a clinical setup	Mr. S Lokheshwar
Development and standardisation of a photo-word articulation test in Tamil	Ms. Anu Lokheshwar
Employment status of speech and hearing professionals in India.	Mr. S Lokheshwar

**Achievements / honors / awards / fellowships:****Faculty:**

<b>Details of the Honor/Award/Fellowship</b>	<b>Awarded by</b>	<b>Awarded to</b>	<b>State National/ International Level</b>
Editorial chief of Journal of All India Institute of Speech & Hearing	All India Institute of Speech and Hearing, Mysore	Dr. M Jayaram	National
Best Scientific Paper Award	Arupadai Veedu Medical College	Mr. S Lokheshwar	National
Best Scientific Paper award	JSS Institute of Speech and Hearing	Ms. T Prithivi	National

## Department of Cell Biology and Molecular Genetics

### Vision:

Create knowledge in Human Genetics, Cell and Molecular Biology for a healthy humanity.

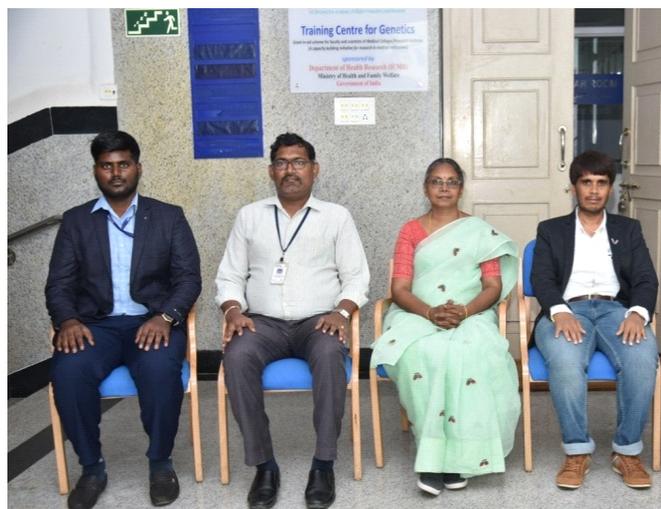
### Introduction:

Founded in 2010 as a collaborative research center with the Genome Foundation of India under the mentorship of Padmashree Prof. Lalji Singh, the department initially focused on exploring the genomic landscape of Kolar's rural population. Evolving into the Academy's Central Research Laboratory, it became an interdisciplinary hub and, by 2013, was established as a full-fledged Department. We focus on research, teaching, and clinical services, with advanced labs in Genomics, Molecular Biology, Cell Biology, Cytogenetics, and Phytochemistry. The department spans 8000 square feet and offers M.Sc. and Ph.D. programs in Molecular Biology, Human Genetics, and Cell Biology.

### Thrust areas:

- Phytochemistry and Pharmaceutical Sciences
- Radiation Genetics
- Developmental and Cardiovascular biology

### Teaching Faculty



**L to R:** Dr. Sathish Babu P. , Dr. Venkateswarlu Raavi , Dr. Kiranmayee P. Dr.Manjunatha B.

### Teaching Faculty Details:

Name	Designation
Dr.Kiranmayee P .	I/C HoD , Asst. Professor
Dr.Venkateswarlu Raavi	Asst. Professor
Dr.Manjunatha B.	Asst. Professor
Dr.Sathish Babu P.	Post Doctoral Fellow

**Details of programmes conducted:**

Program	Date(s)	Nature and theme of the program	State National/International Level
Guest Lecture	06.10.2023	Epigenetics and Medicine in genomics Era	Institutional level
	29.12.2023	Genetic Studies in Complex Diseases	Institutional level

**Details of programmes attended by faculty:**

Program	Date(s)	Nature and theme of the program	Name of the Faculty attended
Workshop	10.07.2023 & 11.07.2023	Workshop techniques in cytogenetics As a Resource person In Kristu Jayanti College, Bangalore	Dr.Venkateswarlu Raavi
Conference	22.07.2023 to 23.07.2023	3rd International school on Radiation Research (ISRR) "Biomarker in Radiation Research: from radiation explore to Countermeasures"	Dr.Venkateswarlu Raavi
Conference	23.11.2023 to 25.11.2023	International conference on Radiation Biology As a, Chaired session Judge Invited speaker	Dr.Venkateswarlu Raavi
Conference	08.02.2024 to 09.02.2024	International Conference Reviving Ancient grains : Millets on global Stage Judge	Dr.Kiranmayee P.

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

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Oral	Techniques of Cytogenetics	Workshop on Kristu Jayanthi College	Dr.Venkateswarlu Raavi

**Details of Research projects****Project submitted for approval:**

Title of the research project	Principal Investigator
Plant derived endophytic fungus: a source for anti -Mycobacterium tuberculosis activity	Dr.Kiranmayee P.
The influence of genetics and epigenetic alteration of insulin like growth factor axis components and demography on small for gestational age outcomes in rules population	Dr.Venkateswarlu Raavi
Evaluation of mutant Isocitrate dehydrogenase and TP53 inhibiting efficacy of Ellagic acid loaded Transferrin functionalized lipid -modified dendrimers in ice and zebrafish bearing glioblastoma Xenografts	Dr.Sathish Babu

## MD/MS Dissertations / PG/Ph.D. thesis (2023-24 batch only)

Topic	Name of the student	Name of the Guide	Name of the Co-guide (if any)
Studies on Genetic and Immunological Factors in Chronic Suppurative Otitis Media with Special Emphasis on Toll -Like Receptor 4 Pathway	Mr.Jagadhish T V (Ph.D.)	Dr.Kiranmayee P.	Dr. Prasad K.C.
The role of Insulin -like Growth Factor-axis components in Small for Gestational Age birth	Ms.Nithya M.N (PhD.)	Dr.Venkateswarlu Raavi	Krishnappa J., Sheela S. R.
Fibrinolytic potential of Basella spp. Endophytic Bacteria: in vitro Bioprospective study”	Ms. Sindhu Priya.M (M.Sc.)	Dr.Kiranmayee P.	*
Antibacterial property of Basella Alba Mucilage	Mr.George Navaneeth (M.Sc.)	Dr.Kiranmayee.P	*
Quantification of the levels of DNA damage in diabetic patient blood samples using FDXR gene expression marker	Ms.Shravani A.S. (M.Sc.)	Dr.Venkateswarlu Raavi	*
Quantification of the levels of DNA damage in damage in diabetic patient blood samples using Micronucleus assay for an application to biodosimetry	Ms.Priyanka R. (M.Sc.)	Dr.Venkateswarlu Raavi	*
Neuroprotective effects of Kalikachhu (Mucuna Prurietnts) against paraquat induced Parkinson’s in zebrafish model	Ms.Akshatha M.	Dr.Manjunatha B.	

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

## Faculty:

Details of the Honor/Award/Fellowship	Awarded by	Awarded to	State National/ International Level
NESA Eminent Scientist of the year -2023	National Environmental Science Academy	Dr.Manjunatha B.	National
Appreciation certificate for blood donation	District Health and Family Welfare	Dr. Kiranmayee P.	State level

## Department of Clinical Nutrition and Dietetics

### Vision:

Envisions preparing the next generation of students to excel in their careers as dietitians, nutritionists and researchers through rigorous academic programs, hands-on clinical training, and leadership development.

It aims to be a hub for groundbreaking research in clinical nutrition, encouraging students to explore innovative solutions to contemporary nutritional challenges and contribute to advancing the field.

The department is dedicated to enhancing community health by engaging in outreach programs, providing evidence-based nutritional guidance, and addressing local and global health issues through collaborative initiatives.

### Introduction:

Integrated B.Sc. – M.Sc. Clinical Nutrition and Dietetics programme is designed to cover multidisciplinary perspectives. These courses are designed to equip students with the knowledge and skills needed to understand the complex interactions between diet, health, and disease. It will provide scientific training that encompasses all aspects of the nutritional and food sciences and, at the same time, to develop the skills and attitudes required for working in the broad field of applied nutrition. It likewise aims to give future applied nutrition professionals (dietitians) a broad understanding of the basic sciences, clinical nutrition, dietetics, public health, nutritional education, organisation, management, languages and other complementary subjects. The major activities of the Department are research, teaching and clinical services.

We are equipped with two laboratory facilities for teaching and research in the area of nutrition i.e. is Therapeutic Kitchen, RLJH & RC, food chemistry lab and food processing lab, and all class rooms are enabled with ICT facilities.

### Thrust areas:

- Clinical Nutrition  
Nutrition and Diabetes/ Cardiovascular Disease/ Degenerative Disease/ Liver & Kidney Disorders/ Hypertension etc.
- Food Science  
Value-added food product development Nutraceutical food product development
- Sports & Community Nutrition  
Providing training for sports endurance and education for vulnerable group viz. pregnant lactating women, anaemic 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.

### Teaching Faculty



**Left to Right** - Dr. Madhavi Reddy M, Dr. KalaiPriya S, Dr. Shivakumara C.S, Dr. Satish.A

**Teaching Faculty Details:**

Name	Designation
Dr. Shivakumara C. S	Assistant professor & I/c HOD
Dr. Madhavi Reddy	Professor
Dr. Satish. A	Assistant Professor
Dr Kalaipriya S	Assistant Professor

**Details of programmes conducted:**

Program	Date(s)	Nature and theme of the program	State National/ International Level
Guest Lecture	12.01.2024	Building Careers in Nutrition: Skills and Goals	National
Guest lecture	21.09.2023	National Nutrition Month - Healthy Diet going affordable for all	National

**Details of programmes attended by faculty:**

Program	Date(s)	Nature and theme of the program	Name of the Faculty attended
Workshop	2-3rd December 2023	Nutritional Genomics for Research and clinical Practice	Dr. Madhavi Reddy
Workshop	28th December 2023 – 2nd January 2024	Pre-conference workshop on Continuing Medical Education	Dr Shivakumara C. S
Conference	5-6th January 2024	Parinamas of nutrition	Dr. Madhavi Reddy
Conference	12-13 September 2023	International Conclave on Millers – MILICON - 2023, held at School of Life Science, Jain University, Bangalore	Dr. Shivakumara C.S

**Details of Poster presentation**

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Poster	Development of Antioxidant Effervescent tablet from mulberry fruit extract	55th Annual Conference of Nutrition Society of India, 25-26th November 2023	Dr Satish A

**Details of Research projects****Ongoing :**

<b>Title of the research project</b>	<b>Principal Investigator</b>
The effects of Vitamin D3 gummies supplementation of on blood glucose and markers of inflammation in obese adults	Dr. Shivakumara C.S Assistant Professor & I/c HoD Department of Clinical Nutrition and Dietetics , SDUAHER, Tamka, Kolar

**Dissertations / Ph.D. thesis (2023-24 batch only)**

<b>Topic</b>	<b>Name of the student</b>	<b>Name of the Guide</b>	<b>Name of the Co-guide (if any)</b>
Assessment of Antioxidant and Sensory properties of Spreads Developed by Addition of Grape seed extract	Anjali Krishna	Dr. Shivakumara C S	Dr. Satish A
Formulation, Physical properties, antioxidant activity and Sensory characteristics of Cookies fortified with Noni Fruit Powder	Anjushree	Dr. Shivakumara C S	Dr. Satish A
Development of low cost enhanced nutritious laddu from locally available millets	Chandana K.C	Dr. Madhavi Reddy	Nil
Fortification of Ice Cream with C-Phycocyanin and its Antioxidant activities	David Daniel	Dr. Shivakumara C S	Dr. Satish A
Assessment Of Antioxidant, Sensory, And Nutritional Properties Of Muffins Developed By Replacing Of Vegetable Oil With Grape Seed Oil.	Hoorain Kushi	Dr. Madhavi Reddy	Nil
Antioxidant property of coco-based beverage produced from watermelon seed milk	Malliga Vindhya	Dr. Satish A	Dr. Shivakumara C S
Mulberry fruit extract alleviates the formation of advanced glycation end product (AGE's)	Patan shabana begum	Dr. Satish A	Dr. Shivakumara C S

Physico, chemical and functional properties of different millets and their suitability for preparation of enhanced nutritious laddu	Samarpitha Cyerin Priya	Dr. Madhavi Reddy	Nil
Effect of processing methods on the antioxidant activity of amla enriched products prepared by incorporating Grape Seed Extract & Grape Seed Oil	Surya Prakash Reddy .S	Dr. Satish A	Dr. Shivakumara C S
Formulations of antioxidant effervescent granule from mulberry fruit extract	Varsha.P	Dr. Satish A	Dr. Shivakumara C S

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

**Faculty:**

<b>Details of the Honor/Award/ Fellowship</b>	<b>Awarded by</b>	<b>Awarded to</b>	<b>State National/ International Level</b>
1 st prize for a paper presentation	“International Conference of Parinamas” Sri Ramachandra Institute of Higher Education and Resear ch	Dr. Madhavi Reddy M	International

## Department of Integrative Medicine

### Vision:

To be a Center of Excellence in Integrative Medicine Through Research, Clinical Services, and Education.

### Introduction:

The Department of Integrative Medicine was established in 2014 after a brainstorming session led by experts from the AYUSH field during the national conference 'SAMANVAYA – Alternative Medicine,' organized by the Dept. of Community Medicine.

The goal of the Department is to promote health, prevent diseases, enhance the quality of life in challenging chronic conditions, and treat the NCD. The Department of Integrative Medicine is actively involved in research (EMR and IMR), academic, clinical services, and outreach activities.

### Thrust areas:

- Psychosomatic / Lifestyle ailments / NCD's
- Stress Management / Wellness
- Mechanism studies

### Teaching Faculty



**L to R: Sitting:** 1. Mrs. Sunitha.L, 2. Dr. Ashween Bilagi, 3. Dr. Anil. R  
**Standing 1st Row:** 4. Mr. Nikhil S, 5. Mrs. Kavitha B.V, 6. Ms. Shriya S  
**Standing 2nd Row:** 7. Mr. Mithun Pai. M, 8. Mr. Leela S, 9. Ms. Savithri J R

### Teaching Faculty Details:

Name	Designation
Dr. Ashween Bilagi	Assistant Professor & I/C HoD
Dr. Anil R	Panchakarma Therapist Course In charge

## Details of programmes conducted:

Program	Date(s)	Nature and theme of the program	State National/ International Level
Competition	1st Jun 2023	Inter –College Poster Drawing Competition	Academy level
Workshop	3rd Jun 2023	“Yoga for Women’s Health	Academy level
Guest Lecture	6th Jun 2023	“Yoga for Menstrual Health”	Academy level
Orientation Program along with 1 week Yoga Training Program	9th Jun -16th Jun 2023	One week Yoga Training for Jail Inmates	District Level
Workshop	13th Jun 2023	“Yoga for Stress Management”	Academy level
Guest Lecture	16th Jun 2023	“Yoga based Lifestyle”	Academy level
Competition	1st to 21st Jun 2023	Advance Yogasana competition	National Level
Yoga Demonstration	21st Jun 2023	Mass Yoga Demonstration	Academy level
Training Program	12th -16th Jun 2023	One week common Yoga protocol for 1st year MBBS students	Academy level
Conference	20th & 21st Jun 2023	International Conference on “Yoga for health & wellness” SAMANVAYA-2023	International Level
Guest Lecture	2nd Sep 2023	Symbiosis of Ayurveda with green Nanotechnology - Invention of Nano- Ayurvedic Medicine	Academy level
Awareness Program	9th Sep 2023	Awareness Program to Commemorate “World Suicide Prevention Day-2023”	Academy level
Guest Lecture	11th Nov 2023	“Ayurveda for one health” on the occasion of Dhanvanthri Jayanti	Regional level
Webinar	22nd Dec 2023	"Visual health: An integrated outlook" on the occasion of Dhanvanthri Jayanti	National
Pre-Conference - CME	28th Dec 2023 to 02nd Jan 2024	25th INCOFYRA Pre Conference continued medical education (CME) “Integrative sports medicine & rehabilitation”	
Guest Lecture	10th Feb. 2024	Guest lecture on the occasion of National Youth Day 2024	Academy level

## Details of programmes attended by faculty:

Date(s)	Participated as	Nature and theme of the program	Name of the Faculty attended
7th & 8th May. 2023	Resource Person	Workshop on "Yoga for Mental -Physical Health Benefits" Om Paramdhama Ashram, Nirnawadi, Chitaguppa Dist., Bidar.	Dr. Ashween Bilagi
31st Oct.2023	Delegate	National Conference on ""Karnataka State Chapter of IYA" Indian Yoga Association, Bangalore	Dr. Ashween Bilagi
28th July 2023	Resource Person	International Webinar on DOAJ & Best Practices in Scholarly Communications	Dr. Vijayakumar P S
3rd -6th Jan.2024	Delegate	25th INCOFYRA Pre Conference continued medical education (CME) "Integrative sports medicine & rehabilitation"	Dr. Ashween Bilagi

## Details of Oral / Poster presentation by faculty:

## Oral presentation

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Oral Paper Presentation	Long-term Yoga Practice and its Influence on Materialism and Death Anxiety - A Cross-sectional Survival Study	National Conference on "Karnataka State Chapter of IYA" Indian Yoga Association, Bengaluru.	Dr. Ashween Bilagi

## Details of Poster presentation

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Poster Presentation	Optimizing performance: The synergy of Sports, Yoga, and Ayurveda.	25th INCOFYRA Pre Conference continued medical education (CME) "Integrative sports medicine & rehabilitation"	Dr. Ashween Bilagi

### Details of Research projects Completed:

Title of the Research Project	Principal Investigator
The efficacy and the Role of Yoga in decreasing craving for alcohol in alcohol use disorder patients A pilot study	Dr. Ashween Bilagi Mr. Yadla Vishwa Sree

### Ongoing:

Title of the research project	Principal Investigator
“Effect of Jalaneti (saline nasal irrigation) as an adjunctive therapy in allergic rhinitis– A pilot study”	Dr. Ashween Bilagi
Effect of Sookshma Meditation on screen addiction, emotional regulation, and mindfulness in school going children’s- A pilot study.	Mr. Chanchal Surywanshi Co-investigator Dr. Ashween Bilagi

### Project submitted for approval:

Title of the research project	Principal Investigator
Effect of Sookshma Meditation on Cancer Patients (Indo -US project)	Co-investigator Dr. Ashween Bilagi

### Dissertations / Ph.D. thesis (2020-21 batch only)

Topic	Name of the student	Name of the Guide	Name of the Co-guide (if any)
Effect of Integrated yoga as an adjuvant therapy to standard care in Pulmonary Tuberculosis- A Randomized Control Trial.	Mr. Srinivas	Dr. Patil Neetinakumar	Dr. Prabhakar K
Effect of Pranayama and Yoga Nidra on side-effects of chemotherapy and radiotherapy in patients with Cervical Cancer A Randomized Control Trial	Dr. F.J Nuzhath	Dr. Patil Neetinakumar	Dr. S R Sheela

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

#### Faculty:

Details of the Honor/Award/Fellowship	Awarded by	Awarded to	State National/ International Level
Funding for International Day of Yoga 2023	IUCYS-UGC funding	Department of Integrative Medicine	National

#### Postgraduates/ PhD scholars:

Details of the Honor/Award/Fellowship	Awarded by etc.)	Awarded to	State National/ International Level
2nd Prize in Throw Ball SPANDAN - 2024 “Igniting excellence in Athletic & Sports”	SDUAHER	Ms. Shriya S	Academy Level

## University Library and Learning Resource Center & Health Science Library and Information Studies

### 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 on the ground and first floor of the Silver Jubilee Building on the campus. The library is centrally air-conditioned and well-furnished for users. The library has Wi-Fi facilities to browse and access resources. The library serves as a medical learning resource centre, supporting the research, educational and clinical needs of the university's students, faculty and research scholars. The Library is kept open on all working days from 8.30 AM to 8.00 PM. and on all general holidays, Sundays and 2nd Saturdays from 9.00 AM to 2.00 PM, the book reading section is open up to 12.00 AM all days.

The University Library has good infrastructure and learning resources that are periodically updated as per the needs of the students and faculty. The seminar hall is equipped with e-podiums, smart boards and internet connectivity. The University Library and Learning Resource Centre consist of 30720 volumes of books, 13636 back volumes (journals) and 1248 compact discs (CD). The library subscribes to 85 Indian print journals in addition to 888 foreign e-journals. The library subscribes to ClinicalKey published By Elsevier Science, which consists of

- 877+ Peer-reviewed Journals
- Fully Indexed MEDLINE® abstracts
- 1,020+ Full-text Books
- 1250+ Clinical Overview
- 10,000 Customizable Patient Education Handouts
- 6000 Practice Guidelines
- 4.2M+ Images
- All Clinical Trials
- 57,000+ Videos
- 300+ Procedural Modules

This year 936 new books and 525 Back Volumes were added to the library collection.

Library subscribed UpToDate, J-Gate Plus (ShodhSindhu) & MedOne Communication Science published by Thieme.

The subscribed e-resources can be accessed anywhere, at any time, and on any device through sduaherlibrary.knimbus.com. All the stakeholders own an institutional e-mail ID to access e-resources. The Library provides research service support tools i.e. Grammarly and Turnitin (Plagiarism) software's to check the similarity of research work.

The library has a well-equipped digital library with 1Gbps Internet bandwidth and 40+ computers, printers, scanners, and SPSS software to help users enhance the statistics of their research work.

**Thrust Area**

- Design & Development of exclusive website of ULLRC and provide value-added services through the website.
- **Value added services**
  - Library news and announcement
  - To add e-resources to the website
  - Seamless access of e-resources remotely



Ms.Udayavani G., Asst. Librarian, Mr. Devaraj B.V., Deputy Librarian,  
Dr. Prakash, Senior Librarian, Mr. Ganga Reddy A., Asst. Librarian

Name	Designation
Dr. Prakasha	Senior Librarian
Mr. Devaraj B.V	Deputy Librarian
Mr. GangaReddy A	Assistant Librarian
Ms. Udayavani G	Assistant Librarian

**Library Services**

- Lending of Books
- Reference Service
- Document Delivery Service
- Reprographic Service
- Literature Search
- Compilation of Bibliographies
- User Education
- Book Bank and Interlibrary lending service
- Organizing Book Exhibitions
- Research Support Services
- Information Literacy
  - Library Tour/Initiation
  - Use of Resources
  - Finding Journals for Publications – UGC CARE
  - Copyright & Plagiarism
  - Citation Styles
  - Predatory and Clone Journals
  - Impact factor / Cite Factor, H-index, etc
  - Altmetrics, Plumx
- Digital Literacy
  - Reference Management Software (Mendeley / Zotero)
  - Academic Social Network (Google Scholar Profile, ORCID, Researchgate)

**Library Budget**

The library had fully utilized the earmarked budget of Rs.1,37,02,093.00 for the year 2023–24 towards procurement of online version 63% (e-Journals, e-Books and e-Databases), print version 28% (books & Journals) and software 9% (EasyLib, Knmbus, Turnitin plagiarism tool and D-Space).

**Library Resources Usage Statistics for the year 2023-24**

Description	Qty.
No. of days the Library kept open during the year	360
No. of users ( Students/Teachers/Research Scholars) Visited	45355
No. of users utilized the Digital Library Facilities, Resources & Services	4915
No. of books referred by the Students/Teachers/Research Scholars	7160
No. of books circulated to the Students / Teachers / Research Scholars	14228
No. of current journals referred by Students/Teachers/Research Scholars	2614
No. of Back volumes of journals referred by Students/Teachers/Research Scholars	264
No. of Students/Teachers/Research Scholars photocopied reading materials	5523
No. of pages of reading material photocopied by Students/Teachers/Research Scholars	213301
No. of Students/Teachers/Research Scholars got printed of e -resources	5416
No. of pages got printed of e -resources by Students/Teachers/Research Scholars	74298
No. of Students/Teachers/Research Scholars got Scanning of e -resources	154
No. of pages got Scanning of e -resources by Students/Teachers/Research Scholars	357
No. of Journals Clubs/ Seminars and meetings were conducted in the Seminar Hall	245
No. of Remote users visits to access e-resources - PG Students/Teachers/Research Scholars	29302
No. of e-resources Downloads - PG Students/Teachers/Research Scholars	437065

### Details of the program conducted

Hands-on Training Programme on “Selection of Journals for Research Publications” on 13th June 2022 for Sri Devaraj Urs College of Nursing Faculty and Postgraduate Students. Resource Persons were Dr. Prakash, Asst. Professor and Senior Librarian, SDUAHER.



The hands-on training programme on “Fundamentals of Medical Literature Search-PubMed” will be held on 25th November 2023, for postgraduate students 2023-24th batch SDUMC. Resource Persons were Dr. Praveen Kumar B.A., Prof. of Community Medicine, PES Institute of Medical Sciences and Research, Kuppam.

Training on “Effective Utilisation of SDUAHER e-Resources Anywhere and Any device powered by Knimbus: with Special emphasis on ClinicalKey and UpToDate” on 29th November 2023, for 2023-24 batch students of SDUAHER. Resource Persons were Mr. Abhishek Gupta, Elsevier Science, Dr. Jennifer, Wolters Kluwer and Dr. Prakash, Asst. Professor & Senior Librarian, SDUAHER.



The hands-on training programme on “Cite While You Write: Reference Management Tool-Mendeley” was held on 31st January 2024, for 2021-22 postgraduate students, SDUMC. Resource Persons were Dr. Samudryatha U.C. Asst. Professor Dept. of Community Medicine, SDUMC (“Reference Management Needs and Ways”) and Dr. Prakash, Asst. Professor and Senior Librarian, SDUAHER, delivered on “Hands-on to Mendeley”.



### Details of Workshops/Conferences Attended

Date	Virtual Workshop Attended	Name of the Faculty Attended
27th & 28th April 2024	“Bibliometrics and Scientometrics Analysis” organized by Surana Research & Consultancy Cell, Surana College, Bengaluru	Dr. Prakash
11th & 12th August 2023	“Data to Publication: Harnessing Bibliometric Tools” organized by University Library, BLDE Deemed University, Vijayapura, Karnataka	Dr. Prakash
27th August 2023	“Bibliometric Analysis with RStudio & VOSviewer” organized by Commacad	Dr. Prakash
13th October 2023	“ORCID and INFLIBNET Services for Scholarly Communities” Jointly organized by INFLIBNET Centre, Gandhinagar and JAIN (Deemed -to-be-University) Bengaluru	Dr. Prakash
11th to 15th December 2023	“Bibliometric and Research Output Analysis” organized by INFLIBNET, Gandhinagar, Ahamadabad, Gujarath	Dr. Prakash

**Resource Person**

13th June 2023	“Selection of Journals for Research Publications ” organized by Sri Devaraj Urs College of Nursing, Tamaka, Kolar	Dr. Prakash
25th July 2023	“Orientation Course for Interns” organized by the Medical Education Unit, SDUMC, Kolar	Dr. Prakash
1st September 2023	“Orientation Program for First Year MBBS Students ” (2023-24 batch) organized by Medical Education Unit, Sri Devaraj Urs Medical College, Tamaka,, Kolar	Dr. Prakash
13th & 16th October 2023	“FAHBS Student Induction Program-DEEKSHARAMBA 2023” organized by Faculty of Allied Health and Basic Science, SDUAHR, Kolar	Dr. Prakash
9th November 2023	“Orientation Program for First Year Postgraduate” (2023-24 batch) organized by Medical Education Unit, Sri Devaraj Urs Medical College, Tamaka,, Kolar	Dr. Prakash
29th November 2023	“Effective Utilisation of SDUAHER e -Resources Anywhere and Any device powered by Knimbus: with Special emphasis on ClinicalKey and UpToDate” organized by ULLRc, SDUAHR, Tamaka, Kolar	Dr. Prakash
31st March 2024	“Cite While You Write: Reference Management Tool - Mendeley” organized by ULLR, SDUAHR, Tamaka, Kolar	Dr. Prakash

**Conferences Attended**

9th to 10 th Feb. 2024	“Library Technology Platform” organized by Shivamogga Institute of Medical Sciences, Shivamogga, Karnataka.	Dr. Prakash Mr. Devaraj. B.V Mr. Ganga Reddy. A
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## Medical Education Unit

### Vision:

To empower Medical teacher with the latest skills in medical education technology

### Introduction:

Medical Education Unit was created as per the National Medical Commission (NMC) guidelines. MEU was actively involved in training all medical faculty in implementation of CBME. Foundation course for First MBBS students, orientation course to second MBBS students, interns and post graduates were conducted. Research Methodology Workshop for Postgraduate students was conducted. MEU applied for NMC regional centre in December 2022.

### Thrust areas

- Competency Based Medical Education for Undergraduates
- Work place-based assessment for Postgraduate student

### Teaching Faculty



**Sitting L to R:** Dr. T N Suresh, Dr.Vinutha Shankar M S, Dr.Prabhakar. K, Dr. Sarala N & . M Mohan Reddy  
**Standing L to R:** Dr.Srinivas S.V, Dr.Parimala.S, Dr.Geetha S Dr. Prasanna Kamath & Dr.Sudha Reddy V R

### Teaching Faculty Details:

Name of the Faculty	Designation
Dr.K.Prabhakar	Chairman, Principal, SDUMC
Dr. T.N.Suresh	Coordinator MEU & Professor of Pathology
Dr.Sudha Reddy V R	Director PG studies & Prof. & HoD of Paediatrics
Dr. Vinutha Shankar M S	Vice Principal, Professor of Physiology/ Director of UCHPE
Dr. Sarala N	Prof. & HoD, of Pharmacology / Director Academics
Dr.Prasanna Kamath B T	Prof. & HoD of Community Medicine
Dr. Mohan Reddy M	Prof. & HoD of Psychiatry
Dr.Geetha.S	Professor of Physiology
Dr.Srinivasa S V	Professor of Medicine
Dr.Hemalatha A	Professor of Pathology
Dr.Parimala S	Professor & HoD, of Microbiology
Dr.Arun H S	Professor of Orthopaedics
Dr. Vimarshitha	Associate Professor of OBG

**Details of programmes conducted for UG & PG students**

Program	Date(s)	Nature and theme of the program
Orientation Programme	01.04.2023	Orientation Course for Interns Interns: 138
Orientation Programme	25.07.2023	Orientation Course for Interns Interns: 37
Foundation Course	1.09.2023 to 30.09.2023	I MBBS Foundation Course for 2023-24 batch UGS: 150 SDUMC STAFF
Orientation Programme	09.11.2023	First Year Post Graduate Orientation programme 2023-24 batch students PG students: 102
Orientation Programme	05.01.2024	II MBBS Orientation Course" 2022-23 batch UG students:110
Orientation Programme	24-01-2024	Post Graduate Research Methodology workshop for 2023-24 Batch PG students: 104
Orientation Programme	13.04.2024	Interns Orientation Programs Interns: 117

**Details of programmes conducted for Faculty**

Program	Date(s)	Nature and theme of the program
Workshop	18.04.2023	R.L.Jalapp Bioethics Centre, SDUAHER in collaboration with Medical Education Unit - Workshop on Implementation of AETCOM Module on Communication Skills
Workshop	16.06.2023	Workshop on "Self-Directed Learning" for faculty (External Resource faculty) Dr. Mangala Rao, Associate Professor, Department of Pharmacology and Medical Education, St John's Medical College, Bengaluru  Dr. Lakshmi T.A - Associate Professor, Department of Anatomy and Medical Education, St John's Medical College, Bengaluru No. of Faculty attended: 28

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

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Presented a poster	titled "Improving critical thinking among I MBBS students through an E-learning module on reproductive physiology"	In the Medical Education Conference (MEDUCON 2023), hosted at JIPMER, Puducherry from 28th to 30th September 2023	Dr.Geetha S Professor , Dept. of Physiology, SDUMC, Kolar

## Details of programmes attended by faculty:

Date(s)	Nature and theme of the program (e.g. Workshop on Perinatal Mortality)	Name of the Faculty attended
1st Contact session 26th April 2021-29th April 2021 2nd Contact Session 25th to 27th August 2023 , St. Johns Medical College, Bangalore	Joined for ACME at “NMC Nodal Centre for Medical Education, St. John’s Medical College, Bangalore	Dr. Geetha S Professor , Dept. of Physiology
1st Contact session from 2nd-6th November 2021 2nd Contact session from 17th to 19th January 2024	Joined for ACME at “NMC Nodal Centre for Medical Education, St. John’s Medical College, Bangalore	Dr.C.A.Shashirekha, Professor & HoD, Dept. of General Surgery
2nd to 6th November 2020 2nd contact session 23rd to 25th February 2024	Joined for 2020 B batch at “NMC Nodal Centre for Medical Education, St. John’s Medical College, Bangalore	Dr. Mohan Reddy.M, Professor & HoD, Dept. of Psychiatry
19th -21st September 2023	Basic Course in Medical Education (006/BCME-2023/046 NMC Nodal Centre, Nodal Centre at Christian Medical College, Vellore	Dr. Prabhakar K Professor Dept. of Medicine
	Basic Course in Medical Education (006/BCME-2023/047 NMC Nodal Centre, Nodal Centre at Christian Medical College, Vellore	Dr. Anitha A Associate Professor, Dept. of Medicine
	Basic Course in Medical Education (006/BCME-2023/048 NMC Nodal Centre, Nodal Centre at Christian Medical College, Vellore	Dr. Rashmi .G Associate Professor, Dept. of Ophthalmology
17th November 2023	The faculty participated as Resource faculty in workshop on “Leadership Skills for Health Professional Educators” at Adichunchanagiri Institute of Medical Sciences, B.G.Nagara, Mandya District, Karnataka	Dr.Vinutha Shankar M.S Director, UCHPE and Prof. & HoD, Dept. of Physiology SDUAHER
		Dr. Sarala N, Director of Academics, Professor , Dept. of Pharmacology,SDUAHER

September 28th to 30th 2023	The following Faculty were Delegates & Resource person in the In conference workshop 6 <sup>th</sup> Medical Education Conference (MEDUCON 2023), hosted at JIPMER, Puducherry, from for the topic- "EPAS for competency based assessment"	Dr.T N Suresh, Professor & HoD, Pathology , & Coordinator of Medical Education Unit , SDUMC, Kolar
		Dr.Vinutha Shankar M.S, Vice-Principal & Prof. & HoD, Dept. of Physiology Director, UCHPE , SDUAHER
		Dr. Sarala N, Director of Academics, Professor & HoD , Dept. Pharmacology, SDUAHER
		Dr.Sudha Reddy V R Professor & HoD, Dept. Paediatrics, SDUMC, Kolar
	Participated in the 6th Medical Education Conference (MEDUCON 2023), hosted at JIPMER, Puducherry, Pre Conference workshop  1.Titled "Teaching and Assessing in Skill Station in line with CBME Curriculum" 2.Titled "Strategies for implementing CBME Curriculum"	Dr.T N Suresh, Professor & HoD, Dept. Pathology & Coordinator of Medical Education Unit , SDUMC, Kolar
20th March 2024 to 22nd March 2024	Basic Course in Medical Education NMC Nodal, M.S.Ramaiah, Medical College, Bengaluru	Dr.Hemalatha A Professor , Dept. of Pathology

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

**Faculty:**

Details of the Honor/Award/Fellowship	Awarded by	Awarded to	State National/ International Level
Invited Resource person at symposium 27th to 30th August 2023 AMEE CONFERENCE Glassgow Scotland	"Engaging and Regaining Health Professional Educators in LMIC: initiatives from Brazil, Africa & India"	Dr.Vinutha Shankar M.S , Vice -Principal & Professor & Director of UCHPE	International level

## Research and Development Cell

### Vision:

To Strive and become an advanced centre for Research and Innovations in medical and Allied Health Science fields

### Mission

- To conduct research in medical and allied fields, as a strong complement to Health care professional and training skills and healthcare delivery; so as to equip them as professionals in healthcare, teaching and advanced research.
- To establish collaborative research and consultancy with globally valued premier scientific institutions and other institutions of excellence in higher learning and biomedical industrial research institutions.
- To achieve high levels of originality by utilizing current technology applications to solve the research questions and create new insights into human disease.

### Introduction:

After the conferment of a Deemed to be University status, Sri Devaraj Urs Academy of Higher Education and Research in 2007, there was an absolute need to strengthen research to meet and sustain the concept of university status and also the societal health care needs.

It is believed that this could be achieved by a way of generating new ideas and knowledge. To accomplish this, the Research and Development Cell (R&D) was established in the year 2008 with a purpose to coordinate all the research and innovation related activities of the Academy.

Objective of R&D cell is to identify and motivate faculty, students and stake holders of the Academy to engage in research and publish the findings in quality indexed, National and International journals with High Impact factor. To accomplish this, R&D cell conducts various scientific programs for faculty and other stake holders. Such programmes include Research Methodology Workshop, Workshop on Intellectual Property Rights, Good Clinical Practice, Good Laboratory Practice, Research Grants Writing and Publications. It has brought a well-defined research policy complying with the global standards and quality research.

To decide and derive policies and protocols of R&D cell, it has constituted committees. Meetings are held as per the Calendar of Events of the Academy. The resolutions made in the meetings are considered for developing quality indicators and bench marks Research and Development Cell (R&D).

The Committees related to Research and Innovation is constituted as per the standards and has a mix of Internal and External members who have excelled and contributed to the scientific world. All the committees and its members have specific job responsibilities.

The central ethics committee of Academy in the year 2020-21 has been registered with:

Directorate General of Health Services, Central Drugs Standard Control Organization, (Ethics Committee Registration Division) FDA Bhawan, Kotla Road, New Delhi - 110002, India, Form CT-02 Vide Registration No. EC/RENEW/INST/2020/7729 dated 26-Feb-2020

National Ethics Committee Registry for Biomedical and Health, Research (NECRBHR), Department of Health Research (DHR). Government of India, Ministry of Health & Family Welfare, Department of Health Research 2nd Floor, IRCS Building, New Delhi – 110001. Vide Registration No. EC/NEW/INST/2023/KA/0227 dated 22-Feb-2023.

DSIR recognition Government of India Ministry Science and Technology Recognition of Scientific and Industrial Research Organizational (SIROs) Registration no: 14/817/2021-TU-V Dated: 15.04.2024

**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
- Breast Cancer

**Centres of Excellence**

- Fluoride Research Referral Laboratory
- Centre for skills and simulations
- University Centre of Health Professional Education
- University Bioethics Committee



**Sitting: L to R:** Dr. Kalyani R, Dr. Muninarayana C, Dr. Vengamma B, Dr. DVLN Prasad, Dr. Prabhakar K, Dr. Azeem Mohiyuddin.

**Standing: L to R:** Dr. Azra Mubeen, Dr. Shilpa MD, Dr. Madhavi Reddy, Dr. Manjunath B, Dr. Pradeep V, Dr. Shashidhar K, Mrs. Apoorva HM, Ms. Saniksha, Dr. Vaishnavi BV, Dr. Sahana Murthy, Mrs. Suma, Dr. Kalaipriya, Dr. Soumya N, Ms. Greeshma, Dr. Prakasha, Dr. Satishbabu P, Dr. Venkateswarlu Raavi, Dr. Sudarshan K, Mr. Chalapathi K and Mr. Ramachandra

**Administration**

Name	Designation
Dr. D.V.L.N Prasad	Chief Administrative Officer, SDUAHER
Dr. B Vengamma	Vice Chancellor, SDUAHER,
Dr.Muninarayana C	Registrar, SDUAHER
Dr. Prabhakar K	Principal, SDUMC and Dean Faculty of Medicine, SDUAHER
Dr. Arvind Natarajan	Dean, FAH & BS, SDUAHER
Dr. Kalyani R	Director , R&D cell, SDUAHER

**Details of programs conducted**

<b>Date</b>	<b>Workshops /CME</b>	<b>State/ National</b>
29.11.2023	Value Added Course – IP Innovation in health care	State Level
01.12.2023	Intellectual Property Rights Workshop	State Level
05.12.2023	Workshop on Intellectual Property Rights	State Level
22.12.2024	Workshop on Grant Writing	State Level
13th & 14th February 2024	National Scientific Conclave on Translational Research	National level
13.03.2024	Workshop: Nutritional Genomics: From Promise to Practice	State Level
<b>Date</b>	<b>Guest Lectures</b>	<b>State/ National</b>
16.01.2024	Guest Lecture: Selenium Dependent Metabolic Reprogramming During Inflammation and Resolution	State Level

**Extramural funded Projects**

<b>Principal Investigator</b>	<b>Details of the project</b>	<b>Sponsoring/ Funding Agency</b>	<b>Status</b>
Dr. Shashidhar K.N, Professor and HoD Dept. of Biochemistry	Identification of sirtuin 1 gene polymorphism associated with fluorosis and type 2 diabetes mellitus.	DHR-GOVT	In process Survey done
Dr. Ashwini K. Shetty Dr. Geetha S.	Experience of faculty and postgraduates on informed consent process from tertiary medical teaching institutions in South India – a multicenter study with St John’s Medical College, Bangalore.	RGUHS- GOVT	Study completed planning to publish
Dr. Shivakumara C.S Assistant Professor & I/c HoD	The effects of Vitamin D3 gummies supplementation of on blood glucose and markers of inflammation in obese adults	VGST Govt.of Karnataka	In process

**SDUAHER FUNDED PROJECTS 2023-24  
APPROVED BY CEC**

<b>Principal Investigator Name &amp; Department</b>	<b>Project Title</b>
Dr. Sathish Babu P Post- Doctoral Fellow Dept. of Cell Biology and Molecular Genetics, FAH&BS, SDUAHER	Evaluation of herbal drugs loaded lipid Nano formulations for the suppression of MMP9 and p53 expression in Human oral cancer cells.
Dr. Ruth Sneha C Associate Professor Dept. of Psychiatry, SDUMC	Is there a link between Interleukin -6, Vitamin D, and depression? A cross -sectional study among nursing students at a tertiary care center in Kolar.
Dr. Jagadamba. Professor, Dept. of Physiology,	Pulse pressure as a predictor of cardiac autonomic imbalance in orthostatic intolerance subjects.
Dr. Mohan Reddy M Professor &HOD Dept. of Psychiatry, SDUMC	Occupational stress and burnout among doctors in tertiary care rural medical college and Hospital Karnataka: A cross - sectional study.

**SDUAHER FUNDED PROJECTS 2024-25  
APPROVED BY CEC**

<b>Principal Investigator Name &amp; Department</b>	<b>Project Title</b>
Erythropoietin versus Desidustat in anemia due to chronic kidney disease with dialysis" Randomised, open label, active - control study	Dr. Sarala N Professor and HOD Dept. of Pharmacology
Antiapoptotic and Insulin -Secretagogue Actions of Citrus Reticulata Blanco Peel against Oxidative Stress Induced Streptozotocin in RINm5F Cells	Dr. Shivakumar CS Assistant Professor Dept. of CND
Indian Sarsaparilla (Hemidesmus Indicus L.) Root Extract Attenuates the Protein Aggregation and Formation of Amyloid Cross-B Structure in Methylglyoxal Induced Glycation.	Dr. Satish A Assistant Professor Dept. of CND
Apoptosis and Ferroptosis effect of Endophytic Fungal Filtrates on Oral Squamous Cell Carcinoma cell lines	Ms. P Haritha Ph. D Scholar Dept. of CBMG
The Role of Shugoshin 1 in Breast Cancer	Ms. Indumathi A N Ph. D Scholar Dept. of CBMG

## 2023 Commendation Award

Name	Title of the Award	Date
Dr. Arvind N Professor, Dept. of Microbiology	Achievement & health emergency program	1.10.2023
Dr. Inchara N Associate Professor, Dept. of Ophthalmology	Best ocular surface free paper award	28.10. 2023
Dr. Sangeetha T Professor & HoD Dept. of Ophthalmology	Best glaucoma free paper award	28.10.2023
Dr. Srinivas SV Professor, Dept. of Medicine	Modules of integration in health camp	23.11. 2023
Dr. Samyudhatha UC Assistant Professor Dept. of Community Medicine	Engaging school children's suitable life styles: opportunities and challenges	23.11 2023
Dr. Arvind N Professor, Dept. of Microbiology	Global NEGLECTED TROPICAL DISEASES Programme on Mycetoma: Training of health workers at national and district levels on skin -NTDs	16.12. 2023
Ms. Prithvi Ph. D Scholar Dept. of Speech Pathology and Audiology	Assessment of Noise exposure and prevalence of hearing loss among dairy workers	14.12. 2023
Dr. Manjunath B Assistant Professor Dept. of Cell Biology and Molecular genetics	Award, for National Environmental Science Academy in Alaknanda Community Centre New Delhi	14.12. 2023

## 2024 Commendation Award

Name	Title of the Award	Date
Dr. Madhavi Reddy Associate Professor Dept. of Clinical Nutrition & Dietetics	Paper Presentation Titled: Food Science Valourization of Jackfruit Seed Based Instant So up Mix-Sustaina Food Based Approach to Meet the Challenges of Malnutrition	5th and 6th. 02 2024.
Dr. Samudyatha. U.C Assistant Professor Dept. of Community Medicine	Best Paper in Health System Strengthening Faculty category, 51st National IAPSM conference KMC Mangalore, Karnataka	8.02.2024.
Dr. Samudyatha. U.C Assistant Professor Dept. of Community Medicine	Best Field Practice Award, 51st National IAPSM conference KMC Mangalore, Karnataka	9.02.2024
Dr. Samudyatha. U.C Assistant Professor Dept. of Community Medicine	STAR COMMED Award for Best Research Work, 51 st National IAPSM conference KMC Mangalore, Karnataka	10.02.2024
Dr. Kalyani R Professor, Dept. of pathology	Distinguished Woman Researcher in Pathology from Centre for Women Development, Venus International Foundation at Chennai	02-03-2024

## MOU's

Title of the collaborative activity	Name of the collaborating agency with contact details
New Born Screening	All India Institute for Speech and Hearing, Mysore
Establishment and capacity building for rapid radiation triage and dose estimation using gene expression biomarker	Sri Ramachandra Institute for Higher Education and Research, Chennai
Sri Devaraj Urs College of Nursing, Tamaka, Kolar and FAHBS	Sri Devaraj Urs College of Nursing, Tamaka, Kolar and FAHBS
Digital platform for Diagnostics & artificial intelligence to develop efficient diagnostic kits to enable early diagnosis of diseases	Bigtec Pvt. Ltd
Innovation hub	Infin 8 Foundation
Investigation into the benefits of Probiotic based floor cleaners in clinical and domestic setting	Hindustan Unilever Pvt. Ltd

## Publications from 1st April 2023 to 31st March 2024

## 2023 Publication

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2. T S Rajashekar, Savana Waikhom, Suresh Kumar K, Endela Meghana Reddy A Clinicoepidemiological Study of Cutaneous and Systemic Comorbidities of Seborrheic Dermatitis in Adolescent and Adult Females. Cureus, 2023.
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4. Paidimuddala Yashwanth, Vishnuvardhan V, Ravi M. A Comparative Study of Fasting Gastric Volume in Diabetic and Non-diabetic Patients Undergoing Elective Surgeries Using Ultrasonography: A Prospective Observational Study. Cureus. 2023.
5. Endela Meghana Reddy, T S Rajashekar, Suresh Kumar K A. Comparative Study of Intralesional Acyclovir vs Immunotherapy for Treatment of Viral Warts. Cureus. 2023.
6. Vidya Shree C, Ravi Madhusudhana A.comparative study of intravenous dexmedetomidine and clonidine as pre-emptive analgesia to intrathecal bupivacaine in subarachnoid block - A randomized double blind study. Indian journal of clinical anaesthesia. 2023.
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8.	B Monisha, Sujatha M P, Sreeramulu P N., T Sumanth. A Comparative Study of Placebo Versus OpioidFree Analgesic Mixture for Maste ctomies Performed Under General Anesthesia Along With Erector Spinae Plane Block. Cureus. 2023.
9.	T R Pavithra., T S Rajashekar, Suresh Kumar K., Harish Prasanna R. A Comparative Study of Topical Procapil With Plate let-Rich Plasma Therapy Versus Topical Redensyl, Saw Palmetto, and Biotin With Platelet -Rich Plasma Therapy in the Treatment of Androgenetic Alopecia. Cureus, 2023.
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12.	Arooba Khan., Bejoi Mathew, Sabina Koirala., Saleha Dar., Uzzam Ahmed Khawaja . A Comprehensive Literature Review on Managing Systemic Lupus Erythematosus: Addressing Cardiovascular Disease Risk in Females and Its Autoimmune Disease Associations. Cureus, 2023.
13.	K Yamini, Sangeetha T, H Mohan Kumar, Kanthamani K, Athish K K, Raheel Mohamad. A cross-sectional study to evaluate ocular manifestations in chronic kidney disease patients in a tertiary care centre Indian. Journal of Clinical and Experimental Ophthalmology, 2023.
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47.	Nandhini Kannan., Venkateswarlu Raavi., Venkatachalam Perumal . Candidate Gene Expression in Regional Population and Its Relevance for Radiation Triage. Cytogenetic and Genome Research, 2023.
48.	Nisarg P Mangukiya., Bejoi Mathew., Vishal Venugopal., Mihirkumar P. Parmar Chanarin-Dorfman Syndrome (CDS): A Rare Lipid Metabolism Disorder. Cureus, 2023.
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50.	Yamini K, Usha B. R. Clinical assessment of corneal complications of manual small incision cataract surgery at tertiary care centre. Indian Journal of Clinical and Experimental Ophthalmology, 2023.

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55.	H S Arun., Somisetty Venkata Sai Tarun Kumar., Hari Prasad S., Subhashis Das. Comparing the Efficacy of Intra-articular Platelet Rich Plasma and Corticosteroid Injections in the Management of Frozen Shoulder : A Randomized Controlled Trial. Cureus, 2023.
56.	Lalrinzuali., S M Azeem Mohiyuddin., Sagayaraj A., Kouser Mohammadi., Indranil Paul Comparison Between Clinical Outcome of Intralesional Human Placental Extract Alone and Topical Application of Placental Extract Gel After Fibrotomy in Oral Submucous Fibrosis . Cureus, 2023.
57.	H S Arun., Nandini Sanjay., Ajay Kurahatti., Arun Kumaar S P. Comparison of Clinical, Magnetic Resonance Imaging (MRI) and Arthroscopic Findings in Assessment of Cartilage Defects and Internal Derangement of Knee. Cureus, 2023.
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295.	Dipak Raj, Ashwini NS, Srinivas reddy. Proximal tibia morphometry in south Indians: Tailoring Knee Prosthesis for Precision. Innovations, 2024.
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299.	Das, R, Kalyani, SR Sheela, K Kamala, Liquid-based Cytology as a Superior Tool Compared to Conventional Pap Smear in Detecting Cervical Cancer in Suspected Cases: A Comparative Study Advances in Human Biology. 2024.
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## Centre for Clinical Skills and Simulations

### Vision:

To achieve excellence in imparting simulation-based education and in conducting simulation based educational research in training and assessment of healthcare professionals.

### Introduction:

The Centre for Clinical Skills and Simulation (CCSS), SDUAHER is unique in that it provides learning which is close to realistic clinical experience. As theoretical knowledge is immediately supplemented by practice, the learning experience is more likely to be complete. CCSS provides skills training not only for students and faculty of SDUAHER but also for Police personnel, Firefighters, Ambulance drivers, and even the public.

The Centre for Clinical Skills and Simulation (CCSS), SDUAHER, Kolar provides medical undergraduate and post-graduate students resources to practice and improve skills as per the specified NMC competency-based undergraduate medical curriculum. The students are taught skills using manikins and trainers with different levels of complexity and fidelity in the skills lab, thus providing an opportunity for students to observe, learn and practice skills in a safe environment. The CCSS activities cover teaching and preparing various skills such as clinical, procedural, and communication skills including teamwork.

### Teaching Faculty



**Sitting (L to R):-** Dr. K. Rajesh (Secretary CCSS), Dr. M.S Vinutha Shankar (Director UCHPE), Dr.B.Vengamma (Vice-Chancellor), Dr. C.D Dayananda, Dr. K.N.V. Prasad (Director CCSS), Dr. V.R Sudha Reddy,

**Standing (L to R):-** Dr. A. Anitha, Dr. Prakash Dave, Dr. M Ravi, Dr.P. Rathnamma Dr. T.N Suresh, Dr. K. Dinesh, Dr. H.S Arun, Dr. C.J Zeanath, Mr. Harish Singh.L

## Teaching Faculty Details

Name	Designation
Dr. K.N.V. Prasad Professor, Dept. of Paediatric SDUMC	Director
Dr. Rajesh .K Assistant Prof., Dept. of Emergency Medicine	Member secretary
Dr. Vinutha Shankar .M.S Prof. & Head, Dept. of Physiology, SDUMC.	Member
Dr. Rathnamma P Asso Prof & Head, Dept. of OBGSDUMC.	Member
Dr.Sudha Reddy. V.R Prof. & Head, Dept. of Paediatric SDUMC.	Member
Dr. Arun.H.S Prof. & Head, Dept. of Orthopedics, SDUMC.	Member
Dr. Dinesh.K Professor, Dept. of Anesthesiology, SDUMC.	Member
Dr. Ravi.M Prof. & Head Dept. of Anesthesiology, SDUMC.	Member
Dr. Suresh.T.N Professor, Dept. of Pathology SDUMC.	Member
Dr. Prakash Dave Professor, Dept. of Surgery, SDUMC.	Member
Dr. Anitha.A Assoc Professor, Dept. of Medicine, SDUMC.	Member
Dr. Zeanath.C.J C.N.O., RLJH&RC	Member

## Details of programmes conducted:

Learner category		Number of activities	Beneficiaries
UG's	FoM	323	7771
	FAHBS	-	-
PG's	FoM	8	98
	FAHBS	-	-
INTERNS	FoM	4	56
	FAHBS	5	72
TEACHING FACULTY		3	46
STAFF NURSE	RLJH & RC	3	91
SUPPORTING STAFF	Drivers	1	14
NURSING	GNM	2	98
	BSc	3	95
COMMUNITY OUTREACH	Degree & PUC students Press reporters	3	604
SKILL LAB (AHA Certified BLS & ACLS Provider Course)	PG'S	3	98
	INTERNS	3	184
	FACULTY	1	24
Total activities and beneficiaries		362	9251

**Future plans**

- To start VR and AR (Virtual reality/Augmented reality) based simulated virtual learning (SVL)Lab
- To start cadaveric clinical skill lab
- To procure high fidelity mannequins and VR/AR based skills training gadgets

**R. L. Jalappa Bioethics Centre**

In view of incremental importance and academic developments in the fields of Bioethics, SDUAHER has established the R. L.Jalappa Bioethics Centre , was established with the Objectives of Promotion awareness and understanding of Bioethics in the fields of medical care, public health and research among the faculty members through structured training sessions. Sensitization and Training of UG & PG students in the field of Bioethics Conduct of academic programmes on Bioethics.

**Vision**

To achieve highest standards of ethical behaviour and professional conduct in the fields of professional education, research and practice in health care.

**Mission**

To inculcate the basic ethical, professional and human values among health care professionals from the beginning of their training to enable them to uphold the honor and dignity of the health care profession.

To keep abreast with the latest developments in life sciences and its applications with respect to human rights and dignity.

**Objectives**

Promote awareness and understanding of Bioethics in the fields of medical care, public health and research among the faculty members through structured training sessions.

- To sensitize and train UG & PG students on Bioethics and Human rights.
- To conduct academic programmes on Bioethics.
- To promote and undertake research activities on Bioethics.
- To collaborate activities with institutions of repute in the field of Bioethics for enhancement of knowledge and skill as well as capacity building.
- Provide a platform for student groups to discuss issues related to Bioethics.
- To provide efficient guidance towards choosing the right action when dealing with patients in vexed and not so perfect conditions in patient care in the teaching hospital of SDUAHER, Kolar.

## University Centre For Health Professions Education

### **Vision:**

To promote quality health care delivery through excellence in health professions education by being a hub for faculty mentoring for capacity building and academic resource centre.

### **Introduction:**

University Centre for Health Professions Education (UCHPE) was established in April 2020 with a mandate from the Academy to function as a Teaching Learning Centre and conduct Faculty training programs. The Centre aims at providing E Courses in Basic Educational technology topics for faculty & residents & certificate courses in Health Professions Education.

### **Thrust areas:**

Technology in MPE Performance Based Assessment

### **Teaching Faculty Details:**

Name of the faculty	Designation
Dr. B.Vengamma , Vice Chancellor ,SDUAHER	Chairman
Dr. Vinutha Shankar M S, Vice-Principal, & Professor, Dept. of Physiology, SDUMC	Director
Dr. N Sarala , Professor, Dept. of Pharmacology	Member
Dr. K N V Prasad , Professor Dept. of Paediatrics ,	Member
Dr.Subhashis Das , Professor , Dept. of Pathology, SDUMC	Member
Dr.Ashwini K Shetty , Professor , Dept. of Physiology, SDUMC	Member
Dr Pragna Rao , Biochemistry, SDUMC	Visiting Faculty
Dr.Usha G.Shenoy , Assistant Professor Allied Health Sciences, SDUAHER	Member
Mr. Naveen Kumar I , Assistant Professor , Dept. of Physiotherapy	Member
Mr. Lokeshwar S , Assistant Professor , Dept.of Speech Pathology Audiology	Member

**Details of programmes : Workshops conducted in 2023**

Program	Date(s)	Nature and theme of the program	State National/ International Level
Workshop	11.04.2023 & 12.04.2023	2 day Workshop on “E learning Series (ELS). “ELS 1-Technology enabled learning: Interactive tools to engage students” Organized by: Dr. Vinutha Shankar M S , Mr.Lokheshwar & Mr. Naveen Kumar I Faculty: 91	Institutional level
	09-05- 2023	Workshop on “Conflict Management And Conflict Resolution Strategies” Organized by: Dr. Vinutha Shankar M S Dr.Sarala faculty :32	Institutional level
	22.06.2023	Workshop on “Change Management in Health Professions Education ” Dr. Vinutha Shankar Dr.K N V Prasad Dr. Ashwini K Shetty faculty :32	Institutional level
	31.07.2023	Workshop on “Leadership Mastery: Empowering Academic Excellence” Dr. Vinutha Shankar Dr.K N V Prasad Dr. Sarala N Dr. Ashwini K Shetty faculty : 33	Institutional level
	07-11- 2023	Workshop on OSPE/OSCE for faculty Dr. Vinutha Shankar Mr.Lokeshwar S Faculty:42	Institutional level
	22.12.2023	Workshop on “Course Designing” Dr. Vinutha Shankar M S , Mr.Lokheshwar & Mr. Naveen Kumar I Faculty: 25	Institutional level

**Webinars conducted in 2023**

Program	Date(s)	Nature and theme of the program	State National/International Level
Webinar	11.11.2023	National Education Day Organized by: Dr. Vinutha Shankar M S , Mr.Lokheshwar & Mr. Naveen Kumar I	International level

**Workshops conducted in 2024**

Program	Date	Nature and theme of the program	State National/International Level
Workshop	18-01-2024	Workshop “Rubrics in Assessment for faculty in Health Professions Education” Organized by: Dr Vinutha Shankar M S, Dr KNV Prasad and Dr Ashwini K Shetty Faculty: 27	Institutional level
	22.02.2024	Workshop on “ Blue printing to enhance validity of Assessment ” was conducted: For Faculty of Dept. of Physiotherapy & Faculty of NAAC Criterion 2, SDUAHER Organized by: Dr Vinutha Shankar M S, Dr KNV Prasad and Dr Ashwini K Shetty Faculty :20	Institutional level

**Webinars in 2024**

Date	Nature and theme of the program	State National/International Level
21.02.2024	Webinar on “ Educational Scholarship” a talk delivered by the Guest Speaker: Dr. Subhashis Das , Professor and HoD Department of IHBT ,Director, CDLS , SDUAHER, Kolar Organized by: Dr Vinutha Shankar M S, Mr.Lokheshwar S Faculty:203	International level
22.03.2024	Webinar on “ Reflective Writing” a talk delivered by the guest speaker Dr Munira A. Hirkani , Professor Additional, Department of Physiology, Associate Director GSMC FAIMER, Co-Convener GSMC KEMH, NMC Nodal Center, Seth GSMC & KEMH Organized by: Dr Vinutha Shankar M S, & Dr Ashwini K Shetty Participants :170	International level

**Details of programmes attended by faculty :**

Program	Date(s)	Nature and theme of the program	Name of the Faculty attended
Conference	28th to 30th September 2023	The following Faculty were Delegates & Resource person in the In-conference workshop 6th Medical Education Conference (MEDUCON 2023), hosted at JIPMER, Puducherry for the topic - "EPAS for competency based assessment"	Dr.Vinutha Shankar M.S Director, UCHPE and Prof. & HoD of Physiology SDUAHER
			Dr.KNV Prasad Director, IQAC, Prof. Dept. of Paediatrics, SDUAHER
			Dr. Sarala N, Director of Academics, Prof. Dept. of Pharmacology, SDUAHER
			Mr.Naveen Kumar I, Asst. Professor , Dept. of Physiotherapy, SDUAHER
Workshop	17th November 2023	The faculty participated as Resource faculty in workshop on "Leadership Skills for Health Professional Educators" at Adichunchanagiri Institute of Medical Sciences, B.G.Nagara, Mandya District, Karnataka	Dr.Vinutha Shankar M.S Director, UCHPE and Prof. & HoD of Physiology SDUAHER
			Dr.KNV Prasad Director, IQAC, Prof. Dept. of Paediatrics, SDUAHER
			Dr. Sarala N, Director of Academics, Prof. Dept. of Pharmacology, SDUAHER
			Dr. Ashwini K Shetty, Prof. Dept. of Physiology, SDUMC, Kolar
			Mr.Naveen Kumar I, Asst. Professor , Dept. of Physiotherapy, SDUAHER

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

Oral / Poster presentation (specify)	Subject	Event	Name of the faculty concerned
Poster	"Needs Assessment for Inclusion of Artificial Intelligence in Undergraduate Medical Curriculum"	In the Medical Education Conference (MEDUCON 2023), hosted at JIPMER, Puducherry from 28th to 30th September	Dr. Ashwini K Shetty, Professor, Dept. of Physiology, SDUMC, Kolar

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

**Faculty:**

<b>Details of the Honor/Award/Fellowship</b>	<b>Awarded by</b>	<b>Awarded to</b>	<b>State National/International Level</b>
Invited as Resource person at symposium 27th to 30th August 2023 AMEE CONFERENCE Glasgow , Scotland	Engaging and Regaining Health Professional Educators in LMIC: initiative s from Brazil, Africa & India.	Dr.Vinutha Shankar M.S Vice Principal & Prof. & HoD, & Director of UCHPE	International



## Internal Quality Assurance Cell (IQAC)

### Vision:

To ensure quality culture through institutionalizing and internalizing of all the initiatives undertaken with internal and external support

### Introduction:

In order to ensure that Sri Devaraj Urs Academy of Higher Education and Research (SDUAHER) uphold the concept of quality culture it has established Internal Quality Assurance Cell (IQAC) as part of the post NAAC accreditation initiative. The primary objective of this cell is to frame quality initiatives, implementation, monitoring and sustenance as well as to internalize and institutionalize quality as a culture in the institution. The IQAC is constituted with Administrators, Deans, Principal, Directors, Administrative heads of units and nominees from society, alumni and industry as members with vice Chancellor as the chairman of the cell as per the guidelines of NAAC.

The functioning of the IQAC is under the supervision of IQAC coordinator and shall be responsible for dissemination of information on various quality parameters of higher education, documentation of the various programmes / activities leading to quality improvement, preparation of the Annual Quality Assurance Report (AQAR) to be submitted to NAAC based on the quality parameters and timely, efficient execution of the decisions of IQAC committee.

The IQAC meets every quarterly under the chairmanship of Hon'ble Vice chancellor for deliberating on quality developmental issues related to academics, research and administration and escalating suggestions to the departments and the Academy.

### Thrust areas:

- To review the proceedings of various committees, boards and departments to identify the quality issues in teaching, learning, evaluation and research and to facilitate its discussion in relevant bodies for quality enhancement.
- To facilitate actions based on the feedback obtained from students, parents and other stakeholders to improve quality of teaching, learning, evaluation and student support.
- To develop attainable benchmarks for the academics, research and administrative activities and to conduct quality enhancement activities through workshops, seminars and discussions periodically for all stakeholders.

### The Core Team:

<b>Director of IQAC/ Coordinator</b>	<b>Dr. K N V Prasad</b> Professor of Pediatrics, SDUMC.
Deputy Coordinators	<ul style="list-style-type: none"> <li>• <b>Dr. Hemalatha A,</b> Deputy Coordinator IQAC – NAAC Criteria II &amp; IV</li> <li>• <b>Dr. Ramesh Kumar J,</b> Deputy Coordinator IQAC – NAAC criteria V &amp; VII</li> <li>• <b>Dr. Raghu M N,</b> Deputy Coordinator IQAC Assoc. Professor, Dept. of Pharmacology – NAAC Criteria -III, ARIIA, NABH</li> </ul>
	<b>Mr. Natesh Gowda K - FDA</b> <b>Mr. Srinivasappa M - Attender</b>

**Programmes conducted:**

Date(s)	Nature and theme of the program (e.g. CME on Air Quality Management)	No. Participants
19-06-2023	The Quarterly Meeting of the Internal Quality Assurance Cell (IQAC) of Sri Devaraj Urs Academy of Higher Education and Research.	23
21-09-2023	The Quarterly Meeting of the Internal Quality Assurance Cell (IQAC) of Sri Devaraj Urs Academy of Higher Education and Research.	26
14-12-2023	The Quarterly Meeting of the Internal Quality Assurance Cell (IQAC) of Sri Devaraj Urs Academy of Higher Education and Research.	25
20-03-2024	The Quarterly Meeting of the Internal Quality Assurance Cell (IQAC) of Sri Devaraj Urs Academy of Higher Education and Research.	24
01-10-2023	Swachhata Pakhwada - Swachhata Hi Seva	40
02-07-2023	Observation of Vanamahostava week	45
05-06-2023	World environment day	50
22-04-2023	World Earth Day	30
22-04-2024	World Earth Day	100

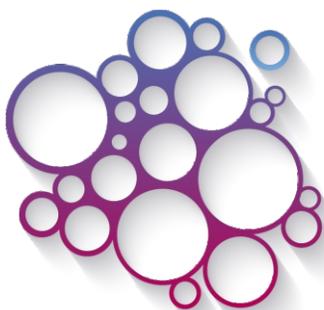
Quality initiatives in academics and its monitoring, sustenance are carried out by the IQAC with support from the offices of the Deans of faculties of studies and Director Academics. The Core Activities of the Academy include high quality training in graduate, post graduate and Ph.D. programmes in medical and allied disciplines. Innovative approach in teaching learning and evaluation processes as well as Faculty development Programme. Comprehensive Health care services coupled with extension activities and collaboration with institutions of excellence and industries for research. IQAC confirms that, all these activities are quality ingrained and work towards achieving the same.

**IQAC Quarterly Meeting Photos:**



## Academic and Administrative Events

### Academic and Administrative Events



HOSPITAL DAY CELEBRATIONS



TEACHERS DAY CELEBRATIONS



### DOCTOR'S DAY CELEBRATIONS



### ACADEMY MEETINGS



**INDEPENDENCE DAY CELEBRATION**



**REPUBLIC DAY CELEBRATION**



NSS AND YRC ACTIVITIES



**WOMEN EMPOWERMENT CELL: Activities**



CULTURAL ACTIVITIES



SPORTS ACTIVITIES



## 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, Software	-	40%
Accessories & Peripheral	-	15%
Vehicles	-	15%
Library Books\Journals & Magazines	-	40%
E-Journals & Data Base	-	100%
Electrical Vehicle / Solar power equipment	-	40%
Solar Hot water system	-	60%

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:** Yes, Rs.2,54,237 (KSTEPS)

**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 is exempted from Income Tax vide Income Tax Act of 1961. Hence, no provision for taxation is made in the Accounts.

Sd/-  
Finance Officer

Sd/-  
Registrar

**Notes on Accounts forming part of Income and Expenditure Account  
and Balance Sheet as on 31.03.2024**

1. The Annual Accounts for the year 2023–24 have 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 2023-24 has been prepared on cash basis.

Sd/-  
Finance Officer

Sd/-  
Registrar

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**  
 COMPRISING OF SRI DEVARAJ URS MEDICAL COLLEGE  
 DECLARED UNDER SECTION 3 OF UGC ACT, 1956 MH RD 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 563 103, KARNATAKA, INDIA.

**STATEMENT OF INCOME AND EXPENDITURE FOR THE YEAR ENDED 31ST MARCH 2024**

EXPENDITURE		SCH. REF	AMOUNT (IN RS.)	INCOME		SCH. REF	AMOUNT (IN RS.)
To	ADVERTISEMNT	A	40,74,600	BY	ADMISSION FEE	A	5,42,300
"	AUDIT FEES	B	17,90,979	"	EXAMINATION FEE	B	1,19,75,550
"	CAMP EXPENSES	C	5,19,225	"	INTEREST INCOME	C	12,61,57,501
"	CELEBRATION & EVENTS	D	92,73,282	"	OTHER FEES	D	55,27,650
"	COMMUNICATION EXPENSES	E	65,59,859	"	OTHER INCOME	E	1,01,32,979
"	COMPUTER EXPENSES	F	49,30,118	"	RENT	F	2,78,59,548
"	DONATION & SCHOLARSHIP	G	58,50,000	"	RESERACH GRANT	G	8,90,595
"	ELECTRICITY & GENERATOR	H	5,82,85,274	"	TUITION FEE	H	2,12,39,77,688
"	EXAMINATION EXPENSES	I	86,07,435	"	HOSPITAL COLLECTIONS	I	19,68,82,703
"	INSURANCE	J	11,47,173	"	HOSTEL COLLECTIONS	J	11,10,25,853
"	INSPECTION FEE/EXPENSES	K	1,50,78,287				
"	LEGAL & PROFESSIONAL CHARGES	L	2,74,60,822				
"	OTHER EXPENSES	M	81,84,822				
"	PRINTING & STATIONARY	N	1,58,16,023				
"	RATES & TAXES	O	53,78,262				
"	REPAIRS & MAINTENANCE	P	18,21,03,043				
"	RESEARCH ACTIVITIES	Q	1,73,25,467				
"	SALARY & WAGES	R	90,21,02,835				
"	STIPEND TO STUDENTS	S	18,81,52,103				
"	STUDENTS CONCESSION	T	13,87,550				
"	TRAVELLING EXPENSES	U	19,55,548				
"	VEHICLE MAINTENANCE	V	1,06,93,885				
"	HOSPITAL MAINTENANCE	W	12,07,96,779				
"	HOSTEL EXPENSES	X	6,24,72,673				
"	DEPRECIATION	4	21,78,34,344				
"	<b>EXCESS OF INCOME OVER EXPENDITURE</b>		73,31,91,979				
	<b>TOTAL</b>		<b>2,61,49,72,367</b>			<b>TOTAL</b>	<b>2,61,49,72,367</b>

Schedules A to V, 4 & Notes on Accounts shall form part of this Statement of Income & Expenditure

PLACE: KOLAR  
 DATE: 18.09.2024

RAJARAMAN V  
 CHIEF FINANCE OFFICER

DR. MUNINARAYANA C  
 REGISTRAR

AS PER OUR REPORT OF EVEN DATE  
 For NARAYANA SETTY RVM & CO  
 CHARTERED ACCOUNTANTS



*S.A. Narayana*  
 S.A. NARAYANA SETTY  
 PARTNER

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

COMPRISING OF 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 563 103, KARNATAKA, INDIA.

**BALANCE SHEET AS AT 31ST MARCH 2024**

FUNDS & LIABILITIES	SCH. REF	AMOUNT (IN RS.)	ASSETS & PROPERTIES	SCH. REF	AMOUNT (IN RS.)
GENERAL FUND	1	5,35,67,15,697	FIXED ASSETS:	4	2,37,22,35,663
CURRENT LIABILITIES	2	8,66,18,496	CURRENT ASSETS	5	1,56,23,38,621
SUNDRY CREDITORS			CASH & BANK BALANCES:	6	91,87,53,530
OTHER LIABILITIES	3	29,07,54,725	(AS PER SCHEDULE - 6)		
			<u>BRANCH / DIVISION</u>		
			RLJCS-(SDUMC)		58,651
			RLJH&RC-(SDUMC)		2,40,65,95,121
			SDUCON-(SDUMC)		2,21,806
			SDUET-(SDUMC)		81,05,05,199
DUETPHARMA-(RLJH&RC)		1,49,72,820	SDUETHOSTEL-(SDUMC)		(9,95,05,503)
SDUET-(RLJH&RC)		(8,51,06,446)	SDUET-(SDUETHOSTELS)		(1,58,178)
SDUMC-(RLJH & RC)		2,40,65,95,121	SDUMC-(SDUETHOSTELS)		9,95,05,503
<b>TOTAL</b>		<b>8,07,05,50,413</b>	<b>TOTAL</b>		<b>8,07,05,50,413</b>

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

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



*S.A. Narayana*  
S.A. NARAYANA SETTY  
PARTNER

*Dr. Muninarayana C*

DR. MUNINARAYANA C  
REGISTRAR

*Rajaraman V*

RAJARAMAN V  
CHIEF FINANCE OFFICER

PLACE: KOLAR  
DATE: 18.09.2024

## FACULTY OF ALLIED HEALTH & BASIC SCIENCE

Sl. No.	PROGRAMME SPECIALIZATION
1	B.Sc. Medical laboratory Technology
2	B.Sc. Renal Dialysis Technology
3	B.Sc. Medical Imaging Technology
4	B.Sc. Ophthalmic Technology
5	B.Sc. Operation Theater Technology
6	B.Sc. Cardiac Care Technology
7	B.Sc. Cardiac Perfusion Technology
8	B.Sc. Respiratory Care Technology
9	B.Sc. Emergency Medicine Technology
10	BPT Bachelor of Physiotherapy
11	B.Sc.-M.Sc. Clinical Nutrition and Dietetics
12	B.Sc. Radiotherapy Technology
13	Bachelor in Audiology and Speech Language Pathology
14	B.Sc. Blood Banking Technology
15	B.Sc. Clinical Psychology
16	M.Sc. Molecular Biology and Human Genetics
17	M.Lib.I.Sc. Library and Information Sciences
18	M.Sc. Medical Laboratory Technology Clinical Biochemistry
19	M.Sc. Medical Laboratory Technology Clinical microbiology and Immunology
20	M.Sc. Medical Laboratory Technology Hematology and Blood Transfusion
21	MPH Master of Public Health
22	Master of Optometry
23	M.Sc. Yoga
24	Master of Physiotherapy
25	Ph.D. Doctor of Philosophy (Faculty Allied Health and Basic Sciences)



# SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION AND RESEARCH

**A DEEMED TO BE UNIVERSITY**

Declared under Section 3 of UGC Act, 1956, Comprising Sri Devaraj Urs Medical College  
Tamaka, Kolar-563 103, Karnataka, INDIA



**Sri R L Jalappa**

Beloved Founder Chairman,  
SDUET - SDUAHER

**A VISIONARY LEADER**

Crusader of Backward Community  
Champion of Co-operative Socialism



**Celebrating Birth Centenary Year 2024**