



RAMAIAH
UNIVERSITY
OF APPLIED SCIENCES



Annual Report

2023-24

CONTENTS

01

GENERAL

22

ACADEMICS

39

RESEARCH

44

**DIRECTORATES
& CENTRES**

77

ANNEXURES

UNIVERSITY VISION, MISSION AND OBJECTIVES

VISION

RUAS aspires to be the premier university of choice in Asia for student-centric professional education that lays emphasis on applied research while maintaining the highest academic and ethical standards.

MISSION

Our purpose is the creation and dissemination of knowledge. We are committed to creativity, innovation, and excellence in our teaching and research. We inspire critical thinking, personal development and a passion for lifelong learning. We value integrity, quality, and teamwork in all our endeavours. And we serve the technical, scientific, and economic needs of our society.

Every member of the RUAS family is united in achieving the following objectives

OBJECTIVES

- ★ To disseminate knowledge and skills through teaching, training, instruction, seminars, workshops and symposia in a variety of subjects in order to equip students and scholars to meet the needs of industries, businesses, and society.
- ★ To generate knowledge through research in Engineering and Technology, Art and Design, Management and Commerce, Health and Allied Sciences, Physical and Life Sciences, Arts, Humanities and Social Sciences to resolve the challenges of the day.
- ★ To promote health and wellbeing of everyone around through education that promotes empathy and care
- ★ To provide technical and scientific solutions to the real life problems faced by industry, business and society in Engineering and Technology, Art and Design, Management and Commerce, Health and Allied Sciences, Physical and Life Sciences, Arts, Humanities and Social Sciences.
- ★ To instill the spirit of entrepreneurship in our youth by incubating and nurturing technology product ideas and supporting technology-backed businesses.
- ★ To identify and nurture leadership skills in students, and to help in the development of the future leaders of society
- ★ To collaborate with universities, industries, businesses, research establishments, NGOs, international organisations, and governmental organisations in India and abroad to enrich the experiences of faculties and students through research and developmental programmes.

LEGACY



M S Ramaiah University of Applied Sciences (MSRUAS) stands as a Pre-eminent Private Institution in Bangalore, Karnataka, founded in December 2013 under the Karnataka University Act No. 15 of 2013. The establishment of MSRUAS unified various educational institutions from the esteemed Ramaiah Group, adapting them to embrace the present dynamics.

MSRUAS was the first University to adopt Outcome Based Education (OBE) due to a rich learning experience garnered out of associating with Coventry University, United Kingdom. MSRUAS developed an innovative OBE based curriculum to support and inspire graduates to become critical thinkers and equipped with the skill to solve societal challenges. The curriculum was developed with the active involvement of academia and industry to make graduates future ready and address societal requirements. The curriculum encourages students to pursue their passion and explore studies outside their major stream through the breadth of subjects, fostering a broader skill set and complementing their degrees. Teachers are considered the cornerstone and a strong training module to support them to perform better was the credence. MSRUAS started with seven Faculties and seven Directorates to provide students interdisciplinary education and holistic development. Through these years, MSRUAS has evolved as a prestigious University that facilitates growth around academia, industry, and society, dedicated to nurturing the leaders of tomorrow. Presently, MSRUAS takes great pride in offering a diverse array of 90-plus programs spanning across 13 faculties, each meticulously designed to foster academic excellence and holistic development. With a legacy of excellence spanning decades, this distinguished institution consistently molds the students in technology / healthcare / management / social sciences and leaves an enduring impact on the lives it touches.

MSRUAS was established in 2013, agglomerating the M. S. Ramaiah Dental College and Hospital, M. S. Ramaiah College of Pharmacy, M. S. Ramaiah Institute of Hotel Management, M. S. Ramaiah School of Advanced Studies and the M. S. Ramaiah Advanced learning center. In a remarkable stride towards academic progress and holistic education, MSRUAS has embarked on an exciting journey of expansion. Ever since, MSRUAS has expanded to include the Faculty of Engineering and Technology, Faculty of Art and Design, Faculty of Management and Commerce and the Faculty of Mathematical and Physical Sciences in 2014 (now called as Faculty of Natural Sciences). The Faculty of Life and Allied Health Sciences was formed in 2018. The School of Social Sciences and the School of Law came to existence in 2020. The year 2022 witnessed the joining of Ramaiah Medical College, Ramaiah College of Physiotherapy and Ramaiah Institute of Nursing Education and Research. This visionary endeavor entails the inclusion of multiple faculties, a pivotal step aimed at enriching the educational experience for students and fostering interdisciplinary collaboration. As we broaden our academic horizons, we embrace diversity in thought and expertise, fostering an environment where innovation thrives at the intersections of various disciplines. The University envisaged outcomes are broadly categorised into four categories – Physical and Learning resources, Students and Delegates, Faculty and Staff, with Research and Development. The advance testing laboratory, clinical research center and international center for public health innovation facilitate learning by providing hands-on experience and opportunities to engage in groundbreaking projects across various disciplines. Supported and funded by Government Bodies like ISRO, ICMR, DRDO, DST, DBT etc.,

LEGACY



MSRUAS encourages students and staff to develop solutions and promote collaboration through sponsored research programmes. Several students have publications ranging from Scopus to PubMed-indexed journals, inculcating innovation and problem-solving skill sets. The MSRUAS advanced learning center has trained 16,000+ delegates offering an array of lab workshops, simulation lab, mannequins and surgical based training, which has enabled healthcare professionals to refine their skills and upgrade their knowledge as the frontiers of medicine.

The acquisition of knowledge follows an unbroken continuum, marked by a clear inception yet devoid of an ultimate culmination. To fully embrace this seamless amalgamation of knowledge, MSRUAS has adopted an all-encompassing perspective, a task achieved through a synergy of Allopathy, Ayurveda, Psychology, and an array of knowledge domains such as Engineering, Management, and Philosophy.

MSRUAS holds multiple accolades with Ramaiah Medical College being NIRF ranked 46, Faculty of Dental Sciences ranked 16, Faculty of Pharmacy ranked 68, as per NIRF ranking in the year 2024 and Ramaiah Memorial Hospital ranked as the 3rd best multispecialty hospital in Bangalore. With more than 50 MOUs and partnerships with prestigious institutions such as HCG, NH, NDRF, BEL and International Universities such as the University of Illinois Chicago, MSU St George's University Chicago and Mount Sinai, Newyork the University's stature has experienced a remarkable elevation. These synergistic partnerships have not only expanded its horizons but have also fostered a rich exchange of knowledge, resources, and expertise. Through these collaborative efforts, the University has transcended traditional boundaries and emerged as a hub of innovation and excellence.

The outreach initiatives undertaken by the University hold profound significance and wield a far-reaching impact. By extending its educational, research, and community-focused efforts beyond its campus borders, MSRUAS has become a catalyst for positive change. MSRUAS has made a significant impact in Kaiwara, Chikkaballapur District, one of the five adopted villages under Unnat Bharat Abhiyan. For instance, Ramaiah Medical College and Faculty of Dental Sciences has set in place NCD and fluorosis project and an outreach center to cater to oral health care needs. Other Faculties and Schools have embarked upon numerous such outreach programs. Through such endeavors, MSRUAS is an agent of transformation, leaving a lasting imprint on individuals, communities, and society at large.

With decades of pioneering achievements, MSRUAS has not only established itself as a cornerstone of academic brilliance but has also etched its name in the annals of innovation and societal impact. This stellar legacy serves as an inspiration to future generations, urging them to push boundaries, embrace challenges, and contribute meaningfully to the world. With graduates obtaining placements with as high as 52 lakhs per annum and reaching top positions. The number of graduates is 1901 in the 8th Convocation with an increase of 748% since its first convocation. The research accomplishments have also been remarkable with 39 sponsored research grants and funding of INR 1399.99 lakhs, The no of patents being filed is 53 and published is 79. The Scopus H Index for MSRUAS is 57 and 759 publications in scopus indexed journals and a total of 1145 publications. The best publication has been in one of the top journals with an impact factor of 69.5 and a ground breaking research fund of 2.9 crores. The University was also accredited by NAAC with A+ grade.



OUR FOUNDER CHAIRMAN

Dr. Mathikere Sampangappa Ramaiah, an exceptional visionary in education, philanthropy, and industry, was born on April 20, 1922. Born to Sri. Sampangappa and Smt. Narsamma in Mathikere village, on the outskirts of Bangalore City and he hailed from a modest background.

Despite the constraints of limited resources, he persevered in his pursuit of education, continuing until his middle school years. He subsequently engaged in temporary work with Mysore Railways, later transitioning to the realm of construction material supply contracts. Embarking on more ambitious endeavors, he undertook significant projects focused on irrigation and power generation, spanning the regions of Maharashtra, Bihar, and Karnataka. Of notable mention within Karnataka are the Ghataprabha Left Bank Canal and the Talakalale Reservoir, integral components of the expansive Sharavathi Hydro Electric Project.

Dr. M.S. Ramaiah firmly believed in education's transformative power. In 1962, he established M. S. Ramaiah Engineering College, now acclaimed as the M.S. Ramaiah Institute of Technology. Subsequently, in 1979, he founded M. S. Ramaiah Medical College, accompanied by the M. S. Ramaiah Medical College Hospital and M. S. Ramaiah Memorial Hospital in 1997. These pioneering institutions led the way for Dental, Pharmacy, Law, Nursing, Arts & Science colleges, collectively forming M. S. Ramaiah University of Applied Sciences, nurturing around 20,000 students.

An ardent devotee, Dr. M. S. Ramaiah's role as Dharmadhikari of the Yogi Narayana Yateendra Trust in Kaiwara, left an indelible imprint. His charitable efforts encompassed free mass marriages, annadaana for pilgrims, temple restoration, rural student support, and more. Dr. Mathikere Sampangappa Ramaiah passed away at the age of 75 on December 25, 1997, in Bengaluru. Driven by a relentless pursuit of excellence, he established institutions that became beacons of knowledge, nurturing countless intellects. His vision brought together diverse disciplines, fostering a holistic approach to education and healthcare. A pioneer whose impact ripples through generations, Dr. M S Ramaiah's legacy continues to illuminate the path of progress, reminding us that with determination and a clear vision, we can shape a better future for all.

Dr. M. S. Ramaiah's foresight led to the inception of this institute, where education, research, innovation and patientcare intertwine seamlessly. He established an institution that thrives on values of creativity, inclusivity, and solidarity via his exceptional leadership. His profound impact is felt in the smiles of the patients as they recover, students' achievements that defy expectations, and the staff's never-ending efforts to uphold his goal. We are reminded of Dr. M. S Ramaiah's humility, tenacity, and infinite empathy as we reflect on his enduring impact. He personified the idea that genuine achievement is judged by the positive impact we have on others. Today, we stand united, grateful for the solid foundation he laid and unwavering in our commitment to carry on his flame.



MESSAGE FROM THE CHANCELLOR

It gives me immense pleasure to welcome you all to the M S Ramaiah University of Applied Sciences, Bengaluru.

The 21st century is the century of opportunities to pursue innovation, research and critical thinking. Higher education institutions are evolving into a robust ecosystem to provide such opportunities. The purpose of higher education is to inspire and enable individuals to develop their capabilities to the highest possible levels throughout life; to Increase knowledge and understanding for their own sake, and to foster their application to the benefit of the economy and society; to serve the needs of an adaptable and sustainable, knowledge-based economy and society and in shaping a democratic, civilised, inclusive society.

To this end, higher education institutions should enable a compelling blend of theory and practice to achieve the purpose of higher education. The Ramaiah University of Applied Sciences aspires to be the premier university of choice in Asia for student-centric professional education that emphasises applied learning and the research ecosystem.

The Ramaiah University of Applied Sciences provides an opportunity to evolve such partnerships for an effective ecosystem to nurture a culture of trust amongst students, teachers, administrators, employers, and society. There exists trust between student and teacher, teacher and students, parents and students, parents and teachers, parents and university administrators and students and university with employers and overall, with a sense of service and commitment to society.

Education and learning must build a culture of trust in oneself and service for others, with others and the community at large. Creating a culture of trust and service is an ongoing process. One must earn trust through interaction and active collaboration. Hence, there is a need to harness partnerships among all actors in higher education and the society in which these institutions exist. I hope you will carry the culture of 'trust' and 'service' along with your education and research.

The Ramaiah University of Applied Sciences is well-positioned to harness the holistic and multidisciplinary ecosystem across the Ramaiah Group of Institutions, enabling collaboration across its institutions and beyond. The University strongly believes in empowering faculty through continuous professional development. The University is proud to offer Outcome Based Education (OBE) for excellence in teaching and learning, emphasising human values anchored on the philosophy of 'inclusive excellence'. The OBE approach is instrumental in facilitating applied research and making our students' industry ready. The University has contributed and benefitted immensely in teaching, research and innovation by proactively engaging with international institutions and agencies since its inception.

My message to all of you is - Irrespective of your pursuits, pursue your passion even though the path may sometimes seem circuitous.

Dr. M. R. JAYARAM



MESSAGE FROM THE VICE CHANCELLOR

M S Ramaiah University of Applied Sciences (MSRUAS), established in 2013 by an Act of the Government of Karnataka and recognized by the UGC under Section 2(f), is a distinguished offshoot of the Gokula Education Foundation [GEF(M)]. The university comprises 13 faculties and caters to the academic aspirations of students across diverse domains, including Health and Life Sciences, Engineering and Technology, Natural Sciences and Design, Management and Commerce, Social Sciences, and Legal Studies. All programs offered by the university are duly approved by the UGC, KSHEC, and other relevant regulatory bodies.

MSRUAS is committed to nurturing talent aligned with global needs while instilling strong values and ethics in its students. The university aims to equip learners to become future-ready entrepreneurs by fostering analytical and critical thinking, innovation, and research and development skills. Reflecting these efforts, MSRUAAS has achieved NAAC accreditation with an A+ grade (CGPA 3.33 on a 4.0 scale). Further, it has earned a Diamond ranking among sustainable institutions in the Indian Green Rankings 2024.

During the academic year under review, the university achieved remarkable milestones., over 65 sponsored research projects were undertaken, Faculty and researchers contributed to 2,000 publications, while 33 patents were filed and 24 patents published, the university approved seed funding of 1.3 crores to support research initiatives.

MSRUAS has also excelled in fostering industry collaboration, with 280 companies visiting the campus for recruitment and achieving a placement rate of 85%. A significant number of students were also admitted to prestigious higher education institutions in India and abroad to pursue advanced studies.

I take immense pride in the extraordinary progress achieved by M S Ramaiah University of Applied Sciences within a relatively short span of a decade. This success is a testament to the visionary leadership of Dr. M.R. Jayaram, our Honorable Chancellor and Chairman of Gokula Education Foundation (M), and the unwavering support of the Board of Governors, the Board of Management, and the Academic Council. I also extend my heartfelt appreciation to the faculty and staff for their dedicated efforts in upholding the highest standards of excellence in higher education.

Jaihind
Regards

Prof. KULDEEP KUMAR RAINA

CITATION PRESENTED TO DR. M.R. JAYARAM FOR AWARD OF THE HONORARY DEGREE OF “DOCTOR OF LETTERS” (D.LIT.)



Hon'ble Chancellor Sir,

I am honoured to present Shri. Mathikere Ramaiah Jayaram (M.R. Jayaram), Chairman of the Gokula Education Foundation (GEF) the eldest son of late Dr. M.S. Ramaiah, a great visionary leader, philanthropist, entrepreneur, industrialist and educationist. Born in 1947, Shri Jayaram is a Commerce graduate of Bangalore University and joined his legendary father in managing the Ramaiah group of educational institutions.

In 1972, at the age of twenty-five, the young Jayaram took over the onerous responsibility as the Chairman of the Governing Council of the M.S. Ramaiah Institute of Technology (MSRIT). His acumen and managerial capabilities brought laurels to the institute which has since become a premier institution in engineering education.

Shri. Jayaram was elected as the youngest Member of the Karnataka Legislative Assembly in 1972., after serving for four years, Shri. Jayaram resigned from Legislative Assembly. Thereafter, gave up active electoral politics, and wholly dedicated him-self to the cause of education and social service.

In 1979, M.S. Ramaiah Medical College was established and Shri Jayaram assumed the responsibility as Chairman of Governing Council of both Engineering and Medical Colleges and led both Institutions with sagacious leadership to strengthen the postgraduate education and research, besides carving out a niche in undergraduate education. Shri. Jayaram has the distinction of transforming these institutions emphasizing quality, affordability and accessibility in higher education. As a testimony to Shri. Jayaram's leadership, Gokula Education Foundation, today oversees 18 colleges/schools on its 85 acres "Gnana Gangotri Campus" wherein more than 11,000 students from India and abroad pursue School and higher education.

Shri. Jayaram's focus is on transformation of M.S. Ramaiah aHospital, a pioneer hospital in Bangalore as a Super Speciality Hospital. His vision also led to the establishment of the M.S. Ramaiah School of Advanced Studies which was since transformed into the renowned Ramaiah University of Applied Science to which Shri. Jayaram is the Chancellor of the University.

Besides being an educationist, Shri. Jayaram is a business leader and an industrialist of repute. Recently he consolidated all his business and brought them under 'Valdel Corporation'. Shri. Jayaram is also given to spiritual disposition. Shri Jayaram's contribution in the field of Social Service is greatly lauded. He is the Dharmadhikari (Head) of the Kaiwara Kshetra, a centre for spiritual resurgence located 60 km away from Bengaluru, supporting rejuvenation of ancient temple providing healthcare, education, mass marriages and scholarships for deserving students.

Shri. Jayaram is also the Managing Trustee of M.S. Ramaiah Charities Trust, which pursues a number of well-defined social objectives. The Trust awards annual scholarships to the financially backward meritorious candidates for pursuing higher education. Shri. Jayaram is the President of Education Promotion Society for India, an apex professional body representing over 7000 higher education Institutions. He is the secretary of Karnataka Professional Colleges Foundation and Chairman of Medical, Engineering and Dental Colleges of Karnataka (COMEDK)

Shri. Jayaram is the recipient of Honorary Doctorate by Coventry University UK, and Doctor of Humane Letters by University of Illinois, Chicago.

Hon'ble Chancellor Sir,

In recognition of his outstanding Social, Educational, Philanthropic and Charitable services, the Bengaluru City University is privileged to confer upon Shri. Mathikere Ramaiah Jayaram the Honorary Degree of "Doctor of Letters (D.Lit.)."

Bengaluru
29.06.2024

Prof. Lingaraja Gandhi
Vice-Chancellor

ACCREDITATION AND RANKING



UNIVERSITY
CATEGORY
NIRF 2024



RAMAIAH MEDICAL
COLLEGE
NIRF 2024



FACULTY OF
DENTAL SCIENCES
NIRF 2024



FACULTY OF
PHARMACY
NIRF 2024

WELCOME ABOARD



Dr. Dheepa Srinivasan is Dean, Research & Innovation Center, Ramaiah University of Applied Sciences, Bangalore. Dheepa has an M.Sc (Engg.) and a PhD, in Metallurgical Engineering, from the Indian Institute of Science, Bengaluru and a B.Sc. and M.Sc. in Physics from Madras University. Dheepa has more than 25 years of total work experience in the area of gas turbine materials, leading the research and development of high temperature materials and manufacturing technologies for gas turbines. She is the inventor of several new technologies having over 35 patents, and has developed more than 50 technologies. Process applications that are now running in several gas turbines and steam turbines. She is a pioneer in the area of metal additive manufacturing and has developed several applications for metal laser additive manufacturing as a unique technology enabler for gas turbine components as well as for structural applications in the healthcare sector for implants. Dheepa is the recipient of several international engineering excellence awards for her continued innovation in enabling translational research into accelerated technology development. She is the recipient of INAE, Woman Engineer of the year award (2020), Ministry of Steel, Govt. of India, Certificate of Excellence (2017), elected as Fellow, INAE (2021), Fellow Indian Institute of Metals (2024) and was featured in the INAE's book on 75 Woman engineers of India, as part of the celebrations of 75 years of India's independence (2023). She is a Distinguished Alumnus of the Indian Institute of Science (2023) and was recently elected Fellow, American Society of Metals (ASM International) (2024), with the distinction of being the first woman fellow from India.



Dr. A. Mumtaj comes with a doctoral degree in Applied Research from the famed Gandhigram Rural Institute — Deemed University located in Dindigal, Tamil Nadu in the year 2007. An accomplished academican with broad expertise in planning, execution, documentation to evaluation in education, research and consultation. Dr. A. Mumtaj comes with 24 years of rich work expertise in varied fields of education. She has rich academic background with M.Sc. Home Science Extension, M.A. English, M.Phil. Research and Development, M.Ed. Research in Education and Ph.D. funded by DST, New Delhi under 'Young Scientist Scheme'. She is also certified in Counseling Psychology. She has also worked as a Young Scientist at Science and Society Division, Department of Science and Technology, Government of India and Young Professional at Council for Advancement of People's Action and Rural Technology (CAPART), Government of India. Her Publications include Research, Education, Experiential Learning and Child Development. Besides her Research Papers, awards and Project Evaluations, she has published a book on "Impact of Micronutrient Malnutrition on Child Development – A Diagnostic Study". She received two 'Gold Medals' for Best Extension Worker (1999–2001) and 'Outstanding Performance in Culture and Arts (1999–2000). Twice awarded for meritorious performance at the National Inter-University 'Youth Parliament Competitions' held during 1999 and 2000. She also holds NCC 'B' and 'C' certificates along with the 'Best Outgoing NCC Cadet of the college (1998). Dr A Mumtaj, in the immediate past worked as a Senior Academic Consultant at the Premier Quality Assurance Agency of Government of India, ie National Assessment and Accreditation Council (NAAC), Bengaluru, from 2019 to 2023 for more than four and a half years. She has been at the helm of affairs and keenly involved in the quality framework of Data Validation and Verification (DVV), Open Distance Learning (ODL), Standard Operating Procedures (SOPs), Participation in Training and Orienting DVV Partners, coordination in Manual Preparations, Bench Marking and a slew of other academic activities of the quality assurance agency as a full-time academic consultant. A clear vision, meticulous data management, interacting with cream of the Indian Academia at various forums, adhering to procedures with an eye for detail, have enabled her accomplish goals with dynamism and a sense of purpose during her tenure at NAAC. She was very keenly involved in solving issues/problems raised by Higher Educational Institutions (HEIs) to NAAC by utilizing the Issue Management System (IMS) platform. It's a virtual homecoming for Dr A Mumtaj at MSRUAS, since previously she worked as a

WELCOME ABOARD

Research Officer at Ramaiah College of Law, Bengaluru and was majorly involved in its successful accreditation of NAAC's newly launched RAF methodology in the year 2018–19.



Dr. R.V. Ranganath obtained B.E.,(Civil Engineering) degree from National Institute of Engineering, Mysore University and M.Tech, Ph.D., both from IIT Delhi. Presently, he is working as Dean-Academics, M. S. Ramaiah University of Applied Sciences, Bangalore. His research interests include Fly ash/pond ash Concrete, Self-Compacting Concrete (SCC), Geopolymer Concrete using Fly Ash, Slag and C & D wastes. The essences of his research have been documented in about 60 research publications in various journals and conferences. He is associated with 7 Ph.D. thesis. He has been active in Professional organizations like Indian Concrete Institute and ACCE and has taken initiatives in organizing several Seminars, Conferences and exhibitions. He was the Honorary Secretary and Chairman for ICI- Karnataka Centre during 2004-2006 and 2010-12. He is a recipient of AICTE Career Award for Young Teachers in 1998 and “ICI-FOSROC Award for Outstanding Concrete Technologist in 2011 at National level. He has served BMS College of Engineering, Bangalore in various capacity namely as HOD (Civil) for six years, Dean (Academics) for four years and also as Principal in BMS Institute of Technology, Yelahanka, Bengaluru. He is a member of few committees of NBA namely, Evaluators training, Preparation of SAR and Preparation for Washington Accord Review. He has participated as representative of NBA to assist WART (Washington Accord Review Team) during the review of Accreditation process by NBA, India held during 2019. He is also involved in evaluation of programmes as PEV on several occasions. Currently, he is actively involved in implementation of Outcomes Based Education (OBE) in Engineering Institutions through awareness programmes and Evaluators training programmes as resource person for National Board for Accreditation in India.



Major General Jyotula Venkat Prasad is the founding Director of Ramaiah Centre for National Security Studies since 1st July 2023. He is a distinguished Indian Army Officer, and recipient of the Vishisht Seva Medal. His 38 years' service record includes combat roles, counterterrorism operations, natural disaster management, and United Nations Missions. He is an accomplished academic and thought leader in Defence and Strategic Studies. He has a Master of Science Degree in Defence and Strategic Studies from Anna University , a Master of Management Studies Degree from Osmania University, and a Master of Philosophy Degree in Defence and Strategic Studies. - Peace & Conflict Resolution under the aegis of United Nations at the Savitribai Phule University.

AT A GLANCE



YEAR IN REVIEW

JUL
2023

- It was indeed a great honor for the MSRUAS community to witness Professor O P Kharbanda, Pro Vice Chancellor, Health Science achieve a rare distinction at the Apex Medical Academy. He was awarded the position of Council member of the prestigious National Academy of Medical Sciences in New Delhi.
- National Technology Day was observed on the 7th with Dr. M. Girish Chandra, Principal Research Scientist, TCS Research delivering the keynote address and Dr A. Sivathanu Pillai as Guest of Honor.
- The first Haplo-identical bone marrow transplant using stem cells from a half-matched brother was conducted for an 11-year-old Thalassemia patient under the SAST/ABAK scheme in Karnataka.
- Ramaiah Medical College & Hospital in collaboration with the Rotary Club of Bangalore Junction organized a function to handover "AAVYA - Cancer Detection Mobile Van" on the 24th.

AUG
2023

- Faculty of Dental Sciences was ranked the 11th in the All-India Rank and the 3rd among all private colleges in the MDRA survey.
- Faculty of Management and Commerce was awarded the 3rd rank in TOI B- School Survey (Top Emerging BBA Institute).
- SAMYOG 2023- Alumni meet was organized on 8th with alumni from all over attending the event.
- Master Trainers series was held on the 4th on "Pedagogical approach and outcome-based education and NEP".
- Twelve students and Mr. Rajeev Prasad were qualified to participate in the Citizen Youth Parliament, the programme conceptualized to nurture and shape the future leaders of the Nation.
- Faculty of Art and Design had Mr. Jagadeesha, Specialist in PLM delivering a guest lecture on 'Importance of Polymer Materials in Product Design and Development'.
- The National Sports Day was held on the 29th.
- A very prestigious project from DMSRDE-DRDO, Kanpur was sanctioned to Department of Mechanical Engineering under the 'Development of Advanced Personal Protection Prototypes- DAP3'.
- The Department of Urology hosted Dr. Badrinath Konety, alumnus of Ramaiah Medical College, internationally renowned Uro-oncologist and robotic surgeon and ex Dean of Rush University, Chicago on the 1st. Dr. Konety demonstrated 3 robotic surgeries.
- Doctor Centric approaches to medical negligence & malpractice was organized by Centre for Environmental Law Education, Research & Advocacy (CEERA), National Law School of India University (NLSIU) in association with Ramaiah Medical College and Hospital, Bengaluru in collaboration with Department of Justice, Ministry of Law & Justice, Govt. of India on the 12th.

SEP
2023

- Dr. Sridatta Chatterjee, Project Lead at ARTPARK, IISC, Bangalore addressed RUAS community on Applied Psychology for Human Robot Interaction Design.
- Important events to mark- Democracy Day, World Peace Day, Hindi Diwas, World Pharmacists Day and Engineers Day were organized including pre-conference workshop on 'Clinical Efficiency and Excellence'.
- An undergraduate student conference at National level was organized by Department of Oral Medicine and Radiology (OMDR) in collaboration with Indian Academy of OMDR on the 27th.
- MSRUAS in collaboration with Kannada University, Hampi organized a two-day workshop on 'Science Communication and Journalism' on the 30th.
- 'New Paradigms of Governance' was organized by SSS in collaboration with Indian Institute of Public Administration- Karnataka Regional branch on the 22nd.
- Senior Bureaucrats convened to dwell upon governance and administration. 'Think Health No Drugs: Creating a Substance Free Future' and 'Applied Psychology for Human- Robot Interaction Design' were other seminars conducted by SSS.
- An international hackathon was organized on the 13th fostering collaborative spirit and out of the box thinking.
- The Department of Pharmacology was recognized as one of the performing Adverse Drug Reaction Monitoring Centre's, RMC by the National Coordinating Centre, Ghaziabad.

YEAR IN REVIEW

OCT
2023

- The Faculty of Management and Commerce organized a 'Management Development Programme' for industry owners in collaboration with Right Edge Learning.
- On the eve of National cGMP day, the department of Pharmaceutics, Faculty of Pharmacy organized a guest lecture by Dr D Venkateshwara Rao, Vice President Quality, Micro labs Ltd. on the importance of adhering to cGMP guidelines.
- MSRUAS Innovation Day was celebrated on the 16th which marked the birth anniversary of Bharath Ratna Dr APJ Abdul Kalam.
- The CNSS and CSE in collaboration with Proaxis Solutions organized a seminar on the topic 'Cyber Security in Industry 4.0'.
- The 63rd annual conference themed "Enhancing Health Care through Digital Innovations" was held at RMC from 5th to 8th with more than 1000 delegates participating in the scientific sessions. The conference was inaugurated by Shri Tawar Chand Gehlot, Honorable Governor of Karnataka with Dr Jitendra Singh, Minister of State for Personnel, Public Grievances and Pensions of India and SP Singh Baghel Minister of State for Health and Family Welfare.
- Professor OP Kharbanda PVC-HS was awarded prestigious Emeritus Professor of NAMS and Dr. Nanda Kumar Associate Dean was awarded the NAMS Fellowship.
- A round table discussion was held on the 16th titled 'From Bill to Law: Transforming Criminal Justice' by SSS.

NOV
2023

- A national symposium on 'Multi-Disciplinary Trends in Food Technology and Nutrition Safety" was organized on the 3rd by the Department of Food Technology, FLAHS.
- A start up fusion contest platform to unleash entrepreneurial potential was organized by FMC.
- A National level poster presentation on AI, IoT and CV in STEM applications was organized by the Department of CSE.
- A three-day workshop on 'Role of AI in Art and Design' was organized by FAD with Mr. Suraj Stephen Dsouza as Chief Resource person.
- Department of Biotechnology, FLAHS organized the 'BBC Cure Cancer Symposium 2023" on Cancer of therapeutics Landscape' on the 28th.
- There was an increase in H- Index from 51 to 57 from September 2023 with 1.62 citations, and 3.41 average impact factor.
- Ramaiah Tech Fest was organized on the 24th as a testament to the spirit of exploration and advancement in the world of technology.

DEC
2023

- National Mathematics Day was observed on the 22nd.
- SSS and FMC jointly collaborated with Centre for Society Change and Policy, Indian Institute of Science and India Japan Laboratory, Keio University and MSRUAS as knowledge partner. The event was held on 1st and 2nd with Honorable Vice Chancellor, Professor KK Raina chairing a session on 'Societal Transformation'.
- The 37th Pierre Fauchard Academy, annual conference, convocation and awards ceremony was held on the 9th with Dr. Rajiv Chugh as Guest of Honor.
- MOU with CSIR and RUAS was signed on the 10th.
- Dr. Nagangouda, Director of the National Training Centre for Solar Technology visited our campus on the 14th and delivered a session on 'Energy Conservation'.
- Dr Nathan Dautenhen from Rice University visited RUAS on the 22nd, on the National Mathematics Day- a day to mark the 125th birth anniversary of Srinivasa Ramanujan.
- 8th Convocation was held on 29th, Prof. J.N. Reddy O'Donnell Foundation IV Endowed Chair, University Distinguished Professor, and Regents' Professor, Texas A&M University graced the occasion as Chief Guest. Total graduating students were 1901 and 83 medalists.

YEAR IN REVIEW

JAN
2024

- Professor JN Reddy, Distinguished Professor, Texas A&M University, USA delivered a three-day short course on 'Theory and Analysis of Laminated Composite and Functionally Graded Structures' jointly organized by RIT and RUAS.
- A National level seminar on 'Fiscal Federalism: Challenges before the 16th Finance Commission' was organized by the School of Social Sciences which was graced by Shree Siddaramaiah, Honorable Chief Minister, GoK.
- The United Service Institution of India, New Delhi, The Path Finder Foundation, Sri Lanka, Centre for Security Studies, Taipei and Centre for National Security, MSRUAS signed an MoU with National Institute of Advanced Studies on the 29th for collaborative research, capacity building and awareness raising on security subjects.

FEB
2024

- Department of Automotive and Aeronautical Engineering organized an expert talk on 'Indian Space Program- The Changing landscape' by Dr. D. V. Venkatagiri, Founder and CEO of Explore the Space on the 1st.
- FMC and IIC jointly organized a MDP on 'Digital Transformation and Industry Co Creation'.
- Ms. Ella Davis from UCA (University for Creative Arts), UK gave an expert talk on 'Fashion Career Guidance'. Additionally, Mr. Santosh Kumar Naik, Image consultant, Fashion and Lifestyle Influencer and Public Speaker from AS Dream Studio conducted a workshop on Fashion Choreography.
- World Pulse Day was observed with Dr. Manjunath, an expert in nutrition, speaking on crucial roles of pulses and millets in human nutrition.
- The Department of CSE, Cynergy Coding Club conducted a session titled "How to start your career as a Programmer". The session was conducted by Mr. Sumanth Kachru, Founder and CEO of DigiQC, Mr Rajkumar, CEO, Cognisite Technology and Mr. Hamsavardhan, Founder PRESET.
- Mr. Kovid Mittal, Entrepreneur and Actor delivered a session on 'Achieving Problem Solution Fit and Product Market Fit'.
- Mr. Junaid SAA, Stanford Life Design Educator for Universities conducted a two-day workshop on 'Life Design (Designing your life) on 22nd and 23rd.
- Honourable Sikyong Penpa Sering addressed students on India- Tibet relations: Cultural and geographical insights.

MAR
2024

- Mr. Vasudeva Murthy, Managing Partner at Focal Concepts and visiting Professor at IIM Bangalore and Institute for Product Leadership presented a webinar on 'Essentials of Prompt Engineering using Chat GPT' on the 25th.
- Mr. K. Padmanabhan from Intel conducted a hands-on workshop on 'Digital System Design using Intel FPGAs'.
- Dr. Syeda Sadia Fathima from Aga Khan University, Pakistan delivered a webinar on 'AI in Dental Education'.
- The Department of Electrical Engineering organized an exhibition on 'Control of Actuators in Automobile, Aerospace and Robotic Applications' jointly with the Department of Aerospace and Mechanical Engineering.
- Dr. Kishore Brahma, Principal Consultant, Umlaut Pvt. Ltd. delivered a talk on 'Relevance of Fatigue and Damage Tolerance in Aircraft Structural Design'.
- Industry experts from GE Digital, Dell Technologies, Leadership Consultant, VEE Technologies, Cloudeagle and TextileGenesis were part of the MDP on 'Excellence in action: Shaping Quality and Supply Chain Efficiency in the Digital Era'.
- Professor Joseph Samuel, Professor, Raman Research Institute and ICTS-TIFR delivered a talk on 'Space, Time and Disorder' on the 14th.
- Workshop on 'Luminescence and its Applications', sponsored by DST-SERB CRG Grant was conducted by experts from JNCASR, IISC, and Ca Foscari University of Venice, Italy.
- Remarkable research conducted by Dr. Deepesh Nagarajan in collaboration with Professor Baker (UW, Seattle) has been published in Nature with 69.5 Impact Factor.
- A State level training workshop on 'Cyber Safe Girl- Beti Bachao Cyber Crime Se' was organized on the 23rd to mark International Women's Day with Dr. Shalini Rajneesh, Additional Chief Secretary and Development Commissioner, GoK as chief guest.

YEAR IN REVIEW

APR
2024

- "ANSYS Mechanical, CFD and Multiphysics" – FDP was conducted by Department of AAE with technical experts from Entuple technologies.
- Annual Portfolio Event "Miraki" was organised by Dept of Fashion Design.
- Annual design Fest- 'ANOKHI 2024' was organized by FAD with Mr. Melvin Xavier, Associate Director-3D Centre of Excellence, Avataar. The Guest of Honor for the event was Professor Ramesh Narayan Rao, Principal, Acharya School of Design.
- Department of Data Science and Analytics, SSS organized a seminar on 'Numerical Modelling of the Dynamics of Vector Borne Disease Transmission due to Climate Change over highly endemic region of India- A Time Series Analysis'. The speaker was Dr Ruchi Singha Parihar, Post Doc Fellow, IBS, Pusan National University, Busan, South Korea.
- Intra-operative radiotherapy (IORT) -WOMED 50, (first of its kind in Asia and second in the world), the first patient was treated using IORT at Ramaiah Memorial Hospital on 24th.
- A highly equipped state of the art technology Mobile Dental Clinic "Danta Suraksha" was inaugurated on the 30th by Honorable Chancellor.

MAY
2024

- Dr Sangamesh Badiger, Head and Vice President, Medicinal Chemistry, Aurigene Pharmaceutical Services delivered a guest lecture on 'Recent Advances in Fragment Based Drug Discovery and Career Opportunities after Post graduation in Chemistry on the 15th.
- A National Workshop on 'Water security for Bengaluru – Issues and Concerns' was organized on the 18th by School of Law and Bhageerath. The programme was graced by Shri Tushar Girinath, IAS, Chief Commissioner, BBMP, Mr. Suresh Hebliker, Founder Chairman, ECO-Watch and Environmentalist.
- An expert talk on 'Flight Worthiness- A Critical Role of Aerospace Testing' by Mr. Harsha RM, Lead Systems Engineer at Boeing India was organized on the 20th.
- Asia Pacific Aged Care Hub International Policy Forum was held on the 16th in the presence of Professor Vincent Bulone, Vice Chancellor Research Office, Flinders University and Shri D Randeep (IAS), Health Commissioner, H&FW, GoK.
- In collaboration with Mount Sinai International (NYC) and Cardiological society of India a CME was conducted on the 18th.

JUNE
2024

- An expert talk was delivered by Dr. Padmanabhan Krishnan, Professor at School of Mechanical Engineering, VIT, Vellore on the topic 'Design and Product Development with Advanced Composite Materials' on the 6th.
- Dr UK Ananth Padmanabhan, Director and CEO, TenxHealth Technology Pvt Ltd was the Resource person for the Health Care IT – hands on workshop on 'Low code / No code Programming' on the 25th.
- Dr Karnav Patel, Entrepreneur and Founder- SALVO was the Resource person for the session on 'Lean Start-up and Minimum Viable Product/ Business" on the 25th.
- Our Hon'ble Chancellor was awarded Honorius Causa D.Litt. by Bangalore City University on the 29th.
- MSRUAS was recognized by SWAYAM NPTEL as a valuable local chapter with a rating of A, based on performance in offering online NPTEL certification courses for the period Jan-April 2024.
- SAE Aerothan was organized on 22nd with participation from industry leaders in aerospace and defence, setting the stage for an extraordinary day of innovation, learning, and networking. The Chief Guest was Dr. Kallappa Pattada, Executive Director at Boeing India. The organizing committee, comprised of industry leaders from prestigious organizations such as Boeing, Moog, Infosys, Aerotrix, MathWorks and Hexagon.

FACULTY ACCOMPLISHMENTS



Dr. Deepesh Nagarajan, one of our younger faculty from the Department of Biotechnology has worked with a larger team centered in the University of Washington that designed parametric proteins whose tertiary structures repeated along a linear axis. He stated that if one had to design a protein adopting any shape: a square, a circle, or even a cage, one can contract or expand the structure very easily simply by removing or adding a few helices". Dr. Deepesh has published his work on a simple helical antimicrobial peptide that could combat carbapenem-resistant infections in mice. He also designed a simple heme-binding-hairpin scaffold. His research work on proteins titled 'Blueprinting extendable nanomaterials with standardized protein blocks' is published in Nature which has an impact factor of 69.5.



Dr. Prathishta Bhattacharya's work on Geropsychology comes with the projected estimation of where India is heading in the next couple of years with a larger share of Indian states showing an increasing number of older populations. In conjugation, this makes us question how we can better equip ourselves to support and help our aging population thrive over the coming years. Along with this she has also has experience in field-based experimental research in positive psychology at IIT Kharagpur, working closely on several positive psychological constructs understanding their nuances and application with non-clinical samples. This led to the drafting of research proposal on exploring the impact of positive aging interventions on older inmates of old-age home facilities in India which has bagged Rs. 2.9 crores.

MERITORIOUS STUDENTS



Mr. Yash Agarwal
CGPA - 9.86

Studying at M. S. Ramaiah University of Applied Sciences has been an immensely rewarding experience for me. With a CGPA of 9.869 and receiving a gold medal for academic excellence, I have been deeply supported by the dedicated faculty of the Computer Science and Engineering department. Their unwavering commitment to student success and the numerous opportunities provided, such as participation in hackathons and competitions like the Smart India Hackathon, have been instrumental in my growth. The chance to intern at Atkins in my final year further enriched my career prospects and practical knowledge. I am profoundly grateful to the college for fostering an environment that nurtures talent and offers real-world exposure, significantly contributing to my academic and professional achievements.



Mr. Tushar Patil
CGPA- 9.8

My experience at M. S. Ramaiah University of Applied Sciences has been nothing short of amazing. I'm extremely happy for the opportunity to study at this prestigious university, where I earned a CGPA of 9.8 and a Gold Medal. The university's excellent instructors, cutting-edge facilities, and innovative curriculum have helped shape me into a confident and skilled Software Engineer. My experience at RUAS has been really rewarding, from meeting industry experts during my internships and utilizing cutting-edge resources. I'm grateful for the friendly environment and emphasis on practical learning, which has enabled me to manage the complexities of my profession with ease. As I look back, I know that my success is partly due to the university's unwavering dedication to developing talent and providing a world-class education. I am proud to be an alumnus of M. S. Ramaiah University of Applied Sciences, and I will always treasure the memories and teachings I learned during my time here.



Ms. C. R. Lakshmi Devi
CGPA - 9.88

My time at M. S. Ramaiah University of Applied Sciences was an incredibly enriching experience. The atmosphere here is truly conducive to learning and exploring new things. The teachers and staff are not only knowledgeable but also very friendly and approachable, always ready to help and guide students. I've had the pleasure of studying alongside wonderful classmates, which made the experience even more enjoyable. Overall, my journey at RUAS has been nothing short of pleasant, and I'm grateful for all the memories and knowledge I've gained here.

GLOBAL CONNECT



A team from University at Albany with whom MSRUAS has MoU visited the campus on the 29th July 2024 and 30th July 2024. Mr. John Justino, Director – Center for Global Health / Clinical Associate Professor, Health Policy, Management & Behavior, and Dr Sanghamitra Savadatti , Assistant Professor from School of Public Health, SUNY, New York were the delegates. The purpose was to explore potential opportunities for partnership activities and exchange knowledge, expertise, internship, and best practices between the schools, with a focus on programmes in public health.



Asia Pacific Aged Care Hub International Policy Forum was held on 16th May in the presence of Professor Vincent Bulone, Vice Chancellor Research Office, Flinders University. The Asia Pacific Aged Care Hub (APACH), an initiative supported by the Australian Government, Department of Foreign Affairs and Trade (DFAT) Australia Awards Fellowships Program for capacity building in aged care organized a two day International Policy Forum promoting collaboration and innovation in aged care across the region on the 16th & 17th May 2024.



MSRUAS has entered in strategic partnership with Babson College USA, widely considered as the world's topmost college for entrepreneurship. The partnership with Babson is aimed at strengthening MSRUAS' offerings in the space of entrepreneurship education and pedagogy and will be facilitated by the Center for Entrepreneurship at MSRUAS. Ten faculty members from MSRUAS participated in the Studio for Entrepreneurship Educators in Asia, an acclaimed Babson program for entrepreneurship educators that focuses on cultivating entrepreneurial mindsets and application of action-based teaching pedagogies to do so. MSRUAS will be integrating learning modules developed by Babson into its entrepreneurship curriculum offerings across the university. MSRUAS is uniquely poised to become a pioneer in offering entrepreneurship education to a multi-disciplinary audience and will leverage the Babson partnership to secure a thought leader position in the domain of entrepreneurship education.



The Delegation from University of Illinois Urbana Champaign visited MSRUAS with an objective to explore collaboration in areas such as workforce development in AI and ML Energy, Cyber Security and emerging technologies. Additionally to explore the possibilities for joint academic programs, Faculty exchange programs, student exchange programmes and also to leverage on resources and provide solution to industry. These collaborations will benefit in providing access to world class experts and cutting edge facilities, enhance research opportunities and potential for ground breaking discoveries., development of highly skilled workforce for major thrust areas, increased internalization and global recognition and creation of sustainable model for academic industrial collaboration.

GLOBAL CONNECT



The collaboration between Gokula Education Foundation (Medical), Bengaluru and Mount Sinai International, LLC has been effective as of September 30th, 2023. In a landmark collaboration, two prestigious healthcare institutions, Ramaiah Memorial Hospital (RMH) and Mount Sinai Hospital-New York, have joined forces to elevate patient care in India. This exciting partnership signifies a commitment to excellence, promising a future where #LifeGetsBetter. This exclusive partnership was officially announced on the 12th July, 2024. This marks a new era in healthcare advancement, promising to elevate clinical excellence, patient care quality, research, innovation, and technology. Dr. Szabolcs Dorotovics, President, Mount Sinai International and Dr. David L. Reich, President Mount Sinai Hospital and Mount Sinai Queens were part of the event. The MSI will assist the client in the development of clinical programmes in certain clinical specialties. The MSI will offer long-term assistance to the hospital leadership to build specific clinical competencies and Centers of Excellence in selected specialty areas including, but not limited to, Cardiovascular Medicine, Oncology, Neurosciences, Urology, Nephrology, and other clinical specialties as may be mutually agreed. The MSI guidance will focus on new technology transfer, clinical pathways optimization, and nursing and administrative procedures and protocols. The MSI will assist and advise the client in relation to infrastructure, machinery and equipment adequacy, including improvements to hospital infrastructure, assessment, refurbishment and additional purchases of machinery and medical equipment. In addition to the above, MSI will advise the client in its efforts to achieve Joint Commission International Accreditation for the hospital.



Students from Universities of Ghent(Belgium), Groningen (Netherlands) and UIC Illinois(USA) visited Ramaiah Medical Teaching Hospital between July 2023 and June 2024 for a structured observership program in the broad and super-specialty departments with duration of internship ranging between four to eight weeks. This observership was facilitated by the International Relations Office, Ramaiah Medical Student Exchange Program.



The MOU between The NETWORK TUFH(USA), Vives University, Belgium and MSRUAS has been for three consecutive years. The MOU felicitated 30 students from RINER, FPH, FDS and FLAHS registering for Three iSTEP courses jointly offered by The NETWORK TUFH (USA), Vives University, Belgium. The Three iSTEP Courses are Communication: Talking with Partners, Patients and Communities, Social Determinants of Health and Innovative Cities and Health. The students got an the opportunity to interact with the international faculty and network with students from global universities.

GLOBAL CONNECT



Ca' Foscari
University
of Venice

Dr Kassa Belay Ibrahim an expert in Renewable Energy Technology, Nano-Structured Materials, Energy Conversion, X-ray Diffraction and Crystallography was a resource person for the hands-on training on 'Materials for Luminescence and its Applications' on the 26th and 27th March 2024.



Dr. Ruchi Singha Parihar, Post Doc Fellow, Institute for Basic Science, PUSAN University, South Korea, was the resource person for the seminar on 'Numerical Modelling of the Dynamics of Vector Borne Disease Transmission due to Climate Change Over Highly Endemic Region of India- A Time Series Analysis' held on the 29th April 2024.



TEXAS A&M UNIVERSITY

Prof. J. N. Reddy, Distinguished Professor, Texas A&M University, USA delivered a three-day short course on 'Theory and Analysis of Laminated Composite and Functionally Graded Structures' jointly organised by Ramaiah Institute of Technology and M. S. Ramaiah Univeristy of Applied Sciences from 3rd to 5th January 2024.



The Department of Urology hosted Dr Badrinath Konety, alumnus of Ramaiah Medical College, an internationally renowned Uro-oncologist and robotic surgeon and Ex Dean of Rush University, Chicago on the 1st August 2023. Dr. Konety demonstrated three robotic surgeries. He also interacted with the faculty and residents and gave valuable input regarding surgical and medical management of urological malignancies.



Dr. Nathan Dautenhen from Rice University visited RUAS on the 22nd December on the occasion of National Mathematics Day- a day to mark the 125th birth anniversary of Srinivasa Ramanujan.



Dr. Syeda Sadia Fathima, Associate Professor and the inaugural member and Chair of the Haile T Debas Teachers Academy from Aga Khan University, Pakistan was the resource person for the National webinar on 'Unlocking The potential - AI in Dental Education' on 7th March 2024.



Ms. Ella Davis from UCA (University for Creative Arts), UK gave an expert talk on 'Fashion Career Guidance'.



MSRUAS signed MoU with National Tsing Hua University, Taiwan for Taiwan Education Centre on 11th of January 2024. Professor Wang Wei Chang, Director Centre for India Studies, NTHU was the representative. The NTHU will facilitate MSRUAS in disseminating knowledge about Mandarin Chinese Language and promoting Taiwan's culture and higher education

CONSULTANCY PROJECT



**RAMAIAH
UNIVERSITY**
OF APPLIED SCIENCES

Ramaiah International Centre for Public Health Innovations (RICPHI), a constituent unit of Ramaiah University of Applied Sciences (RUAS) has been managing and implementing the capacity building component of healthcare professionals on techno-managerial skills training in the state of Meghalaya. This is a World Bank funded project that RICPHI is working in collaboration with the state government and the project management unit (PMU) of the Meghalaya Health Systems Strengthening Project (MHSSP). A management team from RUAS visited Shillong, Meghalaya on the 7th August and 8th August, 2024, to take an update on the status of the project and to meet relevant stakeholders in the system who are directly involved with the project.

Dr. Shalini C. Nooyi, Principal and Dean, Ramaiah Medical College, Dr. Sharath Kumar K.M., Professor and HOD, Faculty of Management and Commerce, Dr. B.S. Nanda Kumar, Associate Dean, Research and Innovation/ Professor, Department of Community Medicine, Ramaiah Medical College were the consultants representing MSRUAS.

KEY POINTS OF DISCUSSION:

Emergence of t-m training in the state, training needs assessment in the state, curriculum development and implementation, training delivery, documentation and reporting, ensuring sustainability, success of the project, RICPHI team's learning curve, gender inequality, flow of training and its influence, leadership training, thrust and reach of t-m training, documentation and reporting, experience of nursing tutor(s) and usability of t-m skills in day-to-day life. The discussion also included recommendations for the Ramaiah, any support from health system to promote training culture, Feedback on the overall training, Feedback on team RICPHI.

The team also paid a courtesy visit to the Raj Bhavan and met the Honorable Governor of Meghalaya, His Excellency Sri. Vijaya Shankar. Brief discussions about the Ramaiah institutions and the potential for engaging with the Meghalaya government in providing support to strengthen the public health training and allied health trainings were discussed in the presence of Dr. B.D.R. Tiwari, IAS, Commissioner and Secretary to the Governor of Meghalaya and Sri. Govinda Raju (OSD) to Governor, Meghalaya.



..... RUAS

ACADEMICS

ANNUAL REPORT

23
24

UNIVERSITY CLASSIFICATION



Science and Technology

- Faculty of Engineering and Technology(FET)
- Faculty of Art and Design(FAD)
- Faculty of Natural Sciences(FNS)



Health Sciences

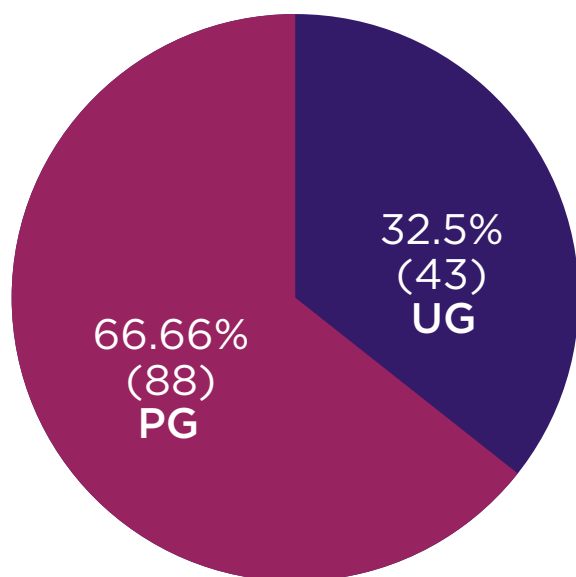
- Ramaiah Medical College(RMC)
- Ramaiah College of Physiotherapy(RCP)
- Ramaiah Institute of Nursing Education and Research(RINER)
- Faculty of Pharmacy(FPH)
- Faculty of Dental Sciences(FDS)
- Faculty of Life and Allied Health Sciences(FLAHS)



Social Sciences

- Faculty of Management and Commerce(FMC)
- Faculty of Hospitality Management and Catering Technology(FHMCT)
- School of Social Sciences(SSS)
- School of Law(SOL)

PROGRAMMES OFFERED



Ramaiah University of Applied Sciences offers diverse Undergraduate and Post Graduate programmes. The 13 Faculties are clustered as Science and Technology, Health Sciences and Social Sciences. Collectively the three clusters offer 43 UG , 88PG and PhD programs. The intake for 5 UG programmes has been increased for the AY 2024-25. Additionally, four new UG and five new PG programmes have been approved to be offered in the academic year 2024-2025(Table 1)

Fig 1: Percentage of programmes offered

Table 1 : New UG and PG programmes for the AY 2024-25

SPECIALIZATION	FACULTY	PROGRAMME TYPE
M.Sc in Psychology	SSS	PG
M.Sc in Data Science and Analytics	SSS	PG
LL.M in Alternative Dispute Resolution	SOL	PG
LL. M in Artificial Intelligence, Cyber Crime and Law	SOL	PG
B.Sc (Hons) in Computational Social Sciences	SSS	UG
B.Sc. LL. B (Hons) in Cyber Security	SOL	UG
LL. B	SOL	UG
B.Sc (in Hons) in Applied Economics	SSS	UG
M.Pharm in Pharmaceutical Regulatory Affairs	FPH	PG

Table 2 : Enhanced intake for AY 2024-25

SLNO	NAME OF THE PROGRAMME	SANCTIONED INTAKE PREVIOUS	SANCTIONED INTAKE PREVIOUS
1	B. Tech. in Computer Science & Engineering	180	240
2	B. Tech. in Information Science & Engineering	60	90
3	B. Tech. in Artificial Intelligence & Machine Learning	60	90
4	B. Sc. (Hons) in Psychology	60	120
5	B.Sc. (Hons) in Data Science & Analytics	60	120

UG PROGRAMMES OFFERED

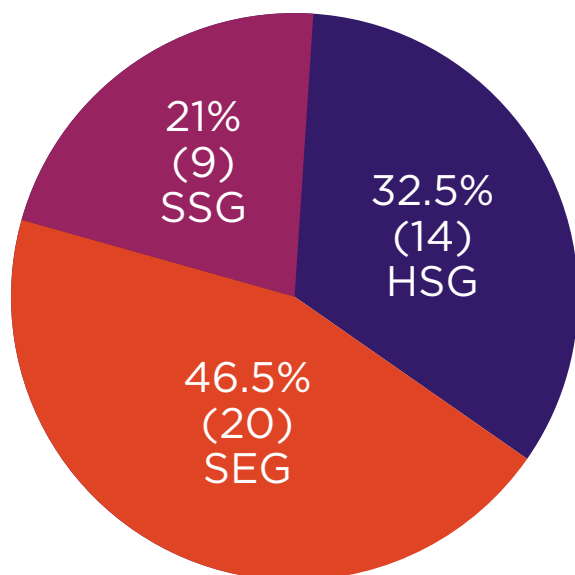


Fig 2: UG programmes offered by different groups of Faculties

A bachelor's degree, often referred to as an undergraduate (UG) degree, is a fundamental higher education qualification typically awarded after three to four years of study at a university or a college. This degree serves as the foundation for further academic or professional pursuits, equipping students with knowledge in a specific discipline. An undergraduate degree opens doors to a wide range of career opportunities and is often the minimum requirement for many professional roles. Additionally, it serves as a stepping stone for post graduate education, such as master's or doctoral programs, for those seeking further specialization. Overall, an undergraduate degree plays a key role in personal and professional development. The majority of the undergraduate programmes are offered in the Science and Engineering Group of the university.

PG PROGRAMMES OFFERED

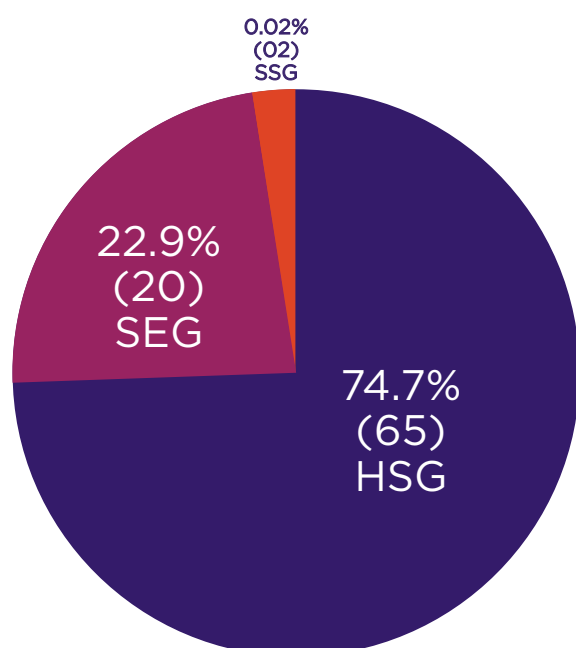


Fig 3: PG programmes offered by different groups of faculty

A postgraduate (PG) degree is an advanced academic qualification pursued after completing an undergraduate (UG) degree. Pursuing a PG degree can enhance career prospects by offering specialized expertise that sets candidates apart in competitive job markets. It is also a necessary step for those aiming for academic, research, or leadership roles. Overall, a PG degree in MSRUIAS provides scope for higher order learning skills with broader and deeper knowledge in the specific domain contributing to professional growth, and access to higher-level career opportunities. The majority of the postgraduate programmes are offered in Health Science Group of the university.

Ph.D. AT RUAS

RUAS believes that academic research is a natural progression from 'knowing' to 'applying' and offers full-time and part-time Ph.D. programs across all the faculties. Ph.D. programs lay the foundation for a rewarding career in research and academia and can be done either full-time or part-time. A total number of 48 students registered for Ph.D. for the AY 2023-24.

STUDENT ENROLMENT

According to the data for the academic year 2023-24, the University had a total of 2650 admissions for different UG and PG programmes. The University also had 48 admissions for super specialty courses offered by Ramaiah Medical College.

Table 3 : Student Registrations for AY 2023-24

UG AND PG ENROLMENT IN THREE GROUP		
	UG	PG
HEALTH SCIENCES GROUP	690	512
SCIENCE AND TECHNOLOGY GROUP	677	160
SOCIAL SCIENCE GROUP	367	244
TOTAL	1734	916

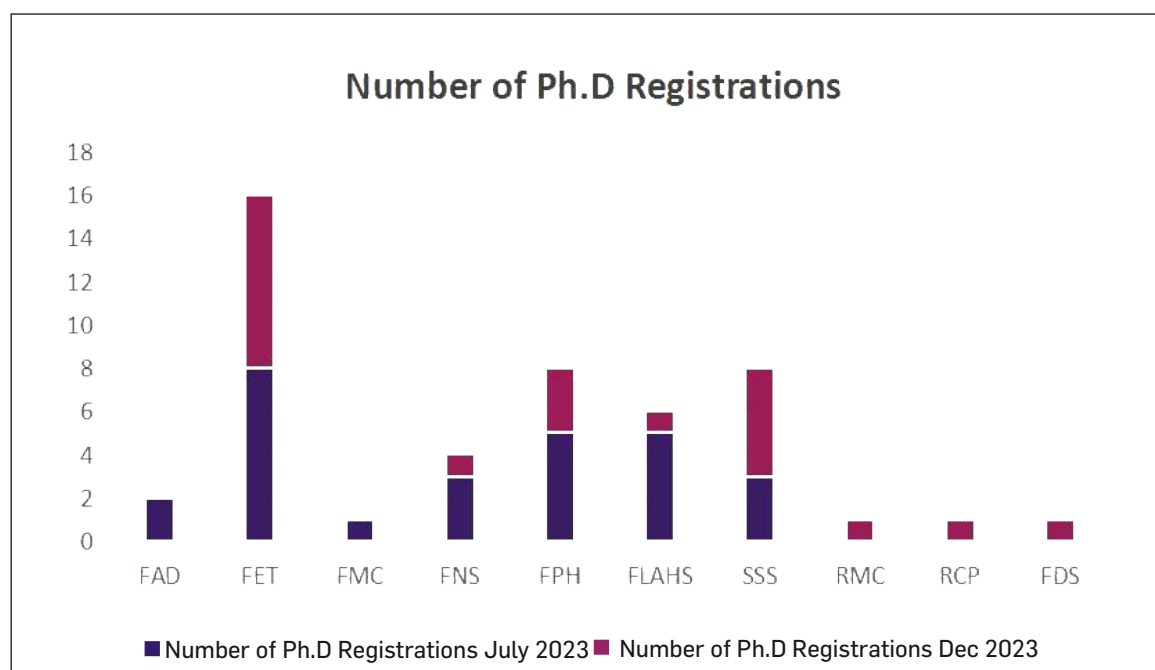


Fig 4 : Ph.D Registrations across the faculty for AY 2023-24

VOCATIONAL PROGRAMMES

DIPLOMA, ADVANCED DIPLOMA AND B. VOC PROGRAMS

FHMCT, FAD, and FET offer a range of skill-based programs, leading to Diplomas, Advanced Diplomas, and B.Voc degrees, in Culinary Operations, Product Design and Modelling, Mechatronics, and Post-Harvest Technology. These programs are designed and offered in collaboration with industry leaders to ensure that students gain hands-on experience and are equipped with the latest tools and technologies. By fostering critical skills and real-world competencies, the programs empower students to thrive in professional environments. Graduates not only contribute to industry innovation but also play a vital role in societal development through their expertise and practical knowledge.

VALUE ADDED COURSES

Additionally 19 Value Added Courses were offered in the Academic year 2023-24.

Table 4 : Value Added Programs AY 2023-24

SIno	Name of the Course	Faculty
1	Development of Business plan	FHMCT
2	Entrepreneurial Essentials	FHMCT
3	Human Resource Management(HRM)	FHMCT
4	Innovation & Entrepreneurship in the Indian Food Sector	FHMCT
5	Starting a Food Entrepreneurial Venture in India	FHMCT
6	ANSYS Mechanical, CFD & Multiphysics	FET
7	Modelling & Simulation using 3D Experience	FET
8	Food Safety Training Programme	FET
9	Technical Advancements and Innovations in Medical Imaging	FLAHS
10	Pharmaceutical Development and Manufacturing	FLAHS
11	Introduction to R, Python and SQL	FLAHS
12	Application on Biostatistics	FPH
13	Interdisciplinary Orthodontics	FDS
14	Surgical Skill on Cadavers - 2 nd Year PG	FDS
15	Surgical Skill on Cadavers - 3 rd Year PG	FDS
16	Basal Implants for Maxillofacial Rehabilitation	FDS
17	Application of Polymerase Chain Reaction & Sanger Sequencing in Pathology - Interns(Oral Pathology)	FDS
18	Advanced Pattern Making & Accesory Making Techniques for Apparel Manufacturing & Fashion	FAD

SWAYAM - NPTEL COURSES

NPTEL represents a pioneering initiative by India's premier institutions, including the IITs and IISc, aimed at making high-quality education accessible to a broader audience through online learning. The importance of NPTEL courses lies in their ability to bridge the gap between quality education and accessibility. The extensive range of subjects, from core engineering and science to interdisciplinary areas like data science, artificial intelligence, and humanities, NPTEL empowers students and professionals alike to enhance their knowledge, build new skills, and remain competitive in an ever-evolving global job market. NPTEL is more than just an educational platform; it's a movement towards inclusive, lifelong learning. As we continue to support and participate in NPTEL, we're helping to shape a future where education is both accessible and transformative for all.

Table 5 : Faculty wise registered NPTEL Courses

RUAS - NPTEL REGISTRATION ACROSS THREE YEARS			
	AY 2021-22	AY 2022-23	AY 2023-24
FHMCT	0	14	141
FLAHS	286	236	512
FMC	0	0	0
FET	2	4	2
FAD	34	19	13
SSS	3	4	1
FNS	4	15	6
TOTAL	329	292	675
Grand Total for all 3 Academic years			1296



GENDER WISE ADMISSIONS

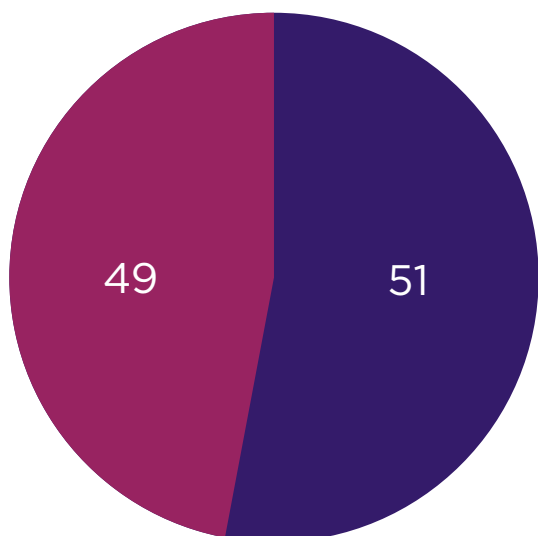


Fig 5 : Genderwise Distribution across the programmes for AY 2023-24

Gender diversity in higher education contributes to a well-rounded and equitable learning environment. Ramaiah University of Applied Sciences focuses on creating an open, welcoming, and safe education ecosystem for everyone. The University ensures a fair and unbiased admissions process that considers all applicants regardless of their gender identity. The university's admissions reflected a noteworthy representation, with approximately 46% of UG students and 56% of PG students being females (Fig 5).

STUDENT DIVERSITY

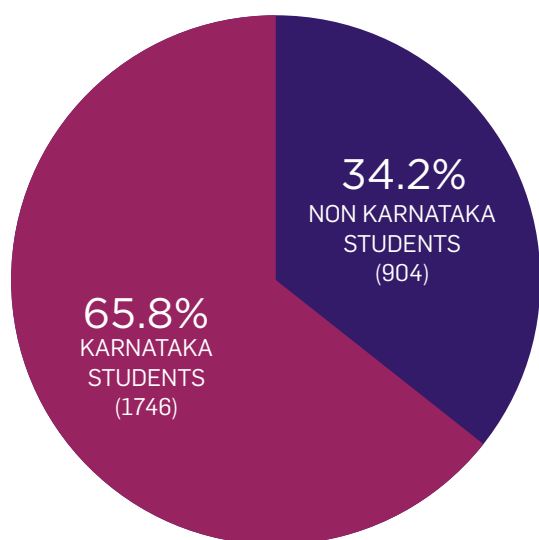


Fig 6 : Student Diversity of MSRUS for AY 2023-24

Ramaiah University of Applied Sciences is committed to embracing students from diverse geographical backgrounds. Regional diversity enriches the university experience and fosters a multicultural learning environment. Student admission from diverse regions and backgrounds enhances a cross-cultural understanding, broadens perspectives and prepares students for a globalized world. The admission process is designed to welcome students from a wide range of regions. The university witnessed admissions from 28 states and 5 union territories (Fig 6).

GRAPHICAL REPRESENTATION OF GRADUATES FROM 2016 -2024

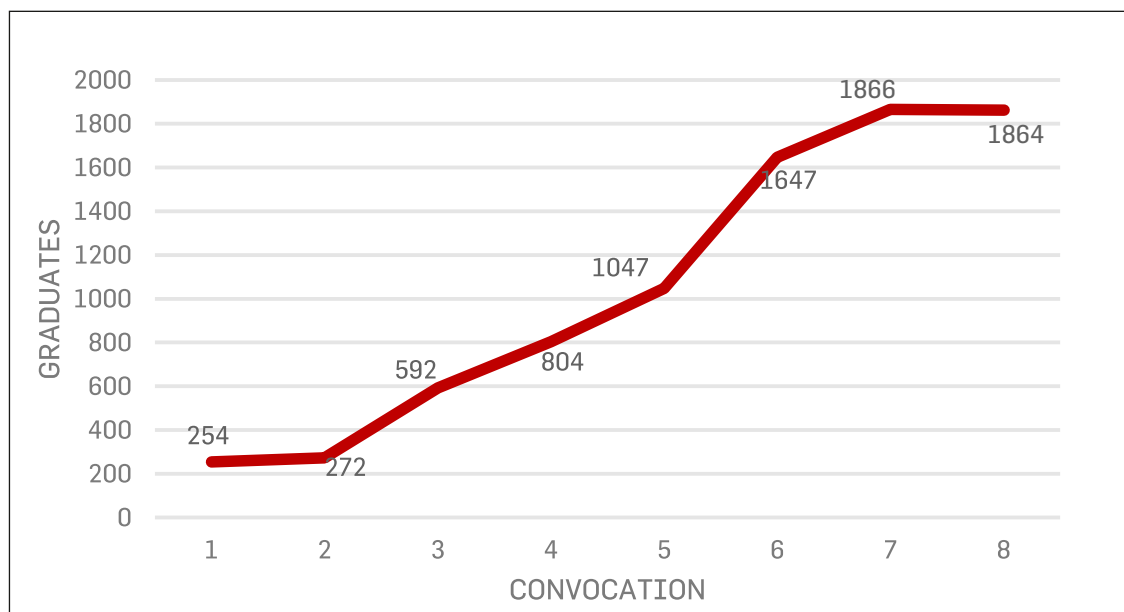


Fig 7 : Graphical Representation of graduates from 2016- till date

At the 8th convocation, a total of 1864 degrees and 37 diploma certificates for B. Voc programmes were awarded. out of 1864 degrees, 23 degrees were for PhD, one degree for MS by Research, 625 degrees for post-graduation programmes and 1215 degrees for under graduation programmes(Fig 7). These degrees cover a wide range of disciplines and specialisations offered by the University. It is heartening to report that 40% (793) female students were recipients of degrees. 83 students (37 Gold, 46 Silver) received medals for their outstanding and meritorious performance in academics and research (Table 6).

Table 6 : Details of the medals recieved by the graduates at 8th Convocation

Category	Programme	No of students
Dr. M. S. Ramaiah Gold Medal for Best Overall Academic Excellence Award	UG	23
	PG	14
Smt. Venkatamma Ramaiah Silver Medal for second Best Overall Academic Excellence Award	UG	23
	PG	14
Smt. Gowramma Ramaiah Silver Medal for Best Dissertation Award	PG	09
Total Medals		83

STUDENT ACCOLADES

Students have not only demonstrated their academic prowess but have also achieved remarkable milestones beyond the class securing commendable ranks in national examinations such as GATE (Graduate Aptitude Test in Engineering), NEET, INCET, PLAB AND USMLE showcasing new commitment to excellence. Moreover, their scholarly contributions have extended to the global stage, as evidenced by their participation in international and national conferences of repute, where they presented insightful papers. More than 50% of the students have

presented research papers at conferences. Some of the reputed conferences where papers were presented by RUAS students include the International Conference of European Congress of Endocrinology, Urological Society of India Youth Conclave, World Federation of Neurosurgery conference and Annual Conference of Urological Association of Asia, Pierrie Fauchard Academy to name a few. The majority of the students have also garnered recognition for their outstanding efforts, clinching awards for the best presentation and poster contributions in prestigious forums such as the ASICON and National Surgery Conference. Some of Students have won ICMR - STS sponsored research grants to support research aptitude in under graduate students.

SHODH **THE FIRST ANNUAL** **RUAS RESEARCH SCHOLAR SYMPOSIUM**

Shodh, the first annual RUAS research scholar symposium was held at the GG campus of RUAS on Aug 9th and 10th, 2024. Research scholars present their research in this event (completely led and organized by them). The symposium provided an extraordinary platform for interdisciplinary interactions; and also featured plenary talks by scientists from IISc and a panel discussion with experts from Industry. Several students from the Department of Biotechnology participated in this august event; and went on to win accolades and awards, making the department proud.

Nabila Rasheed (M.Sc. MCB) won the best oral presentation award in the “Innovations in Healthcare” category for her talk on her project of isolating peptide based antimicrobials from Neem, while Sukeerti Dasharathy (PhD student) described her research on the role of deubiquitinases in Breast cancer and won the best oral presentation award in the “Computational Sciences” section. Hitha Muthirakkal (BSc (BT), 5th Sem) was the only UG student participating in the symposium and was recognised with an award as well as a special mention in the “Innovations in Healthcare” category.

Ms. Sanya Lamba 2nd semester student of M.Sc. Food Nutrition & Dietetics secured the first place in the start-up fusion “Inter faculty contest of innovative ideas” and Ms. Keerthana A K 4th Semester student of M.Sc. Food Science & Technology, secured the third place in the start-up fusion “Inter faculty contest of innovative ideas”.

HIGHER EDUCATION OPPORTUNITIES IN **GLOBALLY REPUTED INSTITUTIONS**

In the academic year 2023-2024, our students received plentiful opportunities in prestigious higher education institution through our collaborations with globally reputed institutions. The following universities were prominent destinations for our students such as UMCG, Groningen, Netherlands: one student from the Health Sciences department pursued advanced studies in biomedical engineering. At Ghent University, Belgium: Four students enrolled in postgraduate programs focusing on agricultural sciences and biomedical research. At University of Illinois at Urbana-Champaign, USA: One student from the Faculty of Engineering and Technology was selected for a master's program in mechanical engineering. At UMCG, Groningen, Netherlands: Three students undertook research fellowships in public health and biostatistics, contributing to cross-border healthcare studies. Our Faculty of Art and Design (FAD) has also seen remarkable achievements, with students finding success in both academic and professional spheres. For instance, Sree Krishna, a product design graduate, shared his inspiring journey from sketches to becoming an "Industrial Design Trainee" at UCAM Pvt Ltd, thanks to the university's strong academic foundation and placement support. His story is a testament to the real-world impact of our education system, which not only encourages creativity but also prepares students to succeed in competitive industries.

INTERNSHIPS

Internships remain a critical component of our student development strategy. In 2023-2024, students engaged in a diverse range of internships that provided them with industry-relevant experience and professional skills.

Engineering and Technology Internships: Students from the Faculty of Engineering and Technology secured internships with prominent organizations such as Bosch India, Collins Aerospace, and Mercedes Benz. These internships focused on areas like AI, IoT, and mechanical engineering.

Health Sciences Internships: Several students from the Faculty of Health Sciences interned at renowned institutions like Nucleobase Life Science Laboratory and Bionome, where they contributed to significant research in biotechnology and healthcare solutions.

Business and Hospitality Internships: Students from the Faculty of Hospitality Management interned with global hotel chains such as Hyatt, Marriott, and Radisson, gaining practical insights into hospitality management and customer service.

Students from the Faculty of Art and Design have also made impressive strides through their internships. Aastha Sachdeva, a graduate, secured a pivotal internship at TVS Motors, which led to a full-time position, while Nikhil R. Anvekar's journey at UCAM Pvt Ltd transformed his perspective on industrial design, reinforcing the value of blending creativity with functionality.

These success stories reflect the broad spectrum of internship opportunities available to our students, helping them bridge the gap between academic learning and industry practices. These internships empower our students by enabling them to apply theoretical knowledge in real-world scenarios and strengthen their employability in a competitive global market.

FACULTY EMPOWERMENT

At MSRUAS, faculty members are actively involved in workshops designed to refine their skills and expand their knowledge. These workshops address a wide range of subjects, from innovative teaching techniques to advanced research methods. Faculty also attend external workshops, which help them gain new insights and build professional networks. This ongoing dedication to professional development fosters a vibrant academic atmosphere that benefits both teachers and students.

Faculty members also contribute significantly to knowledge sharing through seminars. They lead seminars on topics such as emerging technologies and industry trends, promoting a culture of innovation. Additionally, faculty members participate in external seminars, which help them gain fresh perspectives and form collaborative connections. This active engagement in staying informed and sharing knowledge enriches the academic community.

Ramaiah University of Applied Sciences is committed to faculty development through both internal and external programs. These initiatives enhance teaching practices, research skills, and leadership abilities. Internal programs facilitate the exchange of best practices among faculty, creating a cooperative environment. External programs keep faculty updated on the latest educational and industry developments. This focus on continuous learning equips educators to deliver high-quality instruction and prepare students for successful careers.

The university also organizes and takes part in guest lectures that enhance the educational experience. Faculty members often coordinate these events, inviting experts to discuss a variety of topics and deepen students' understanding. They also attend guest lectures by industry leaders and academics, which helps broaden their own knowledge and foster valuable connections. These guest lectures bridge the gap between academic theory and real-world application, promoting a well-rounded learning environment and encouraging both educators and students to engage with current industry practices. The faculty members actively participated through conducting or attending workshops, seminars, conferences and faculty development programmes (FDP) demonstrating their inclination to upskill their competencies enhance cognitive abilities and be on the track of a lifelong learner.

FACULTY AWARDS

Ramaiah University of Applied Sciences has received numerous distinguished faculty awards, underscoring its dedication to academic excellence. These honors celebrate the university's outstanding educators who integrate theoretical knowledge with practical applications, preparing graduates for success in the industry.

The awards acknowledge the faculty's creative teaching methods, significant research contributions, and advancements in their fields. Such recognition not only enhances the university's reputation but also emphasizes its commitment to developing highly skilled professionals. The university's regular receipt of faculty awards highlights its position as a leading institution for advanced learning and its crucial role in the field of applied sciences education.

The University also recognizes both internal and external faculty members who have contributed immensely in enhancing student learning through innovative pedagogical practices.

Table 7 : Details of Awards recieved by MSRUAS faculty

AWARD	NUMBERS
INTERNATIONAL	15
NATIONAL	16
STATE	8
RUAS	21

Table 8 : Details of External Faculty being awarded at Teacher's Day 2023

Slno	School/College Name	Principal /Faculty
1	ORCHIDS INTERNATIONAL SCHOOL	Mrs. Mohana
2	ST. CATHERINE HIGH SCHOOL	Mr. Lakshman
3	MOUNT CARMEL COLLEGE	Dr. Mary Regi
4	M S RAMAIAH VIDYANIKETAN	Mrs. Shanthi V
5	SIDDHANTA INTELLECTUAL SCHOOL	Ms. Uma Maheshwari
6	HIMAMSHU JYOTHI KALA PEETA COMPOSITE COLLEGE	Vasanthi N V
7	SARKARI PRADHAMIKA PAATASHAALE, GANAGANTHALLI	Sri Ashok Badiger
8	SRI ADICHUNCHANAGIRI ENGLISH SCHOOL	Ms. Swetha
9	WHITEPETALS SCHOOL	Mrs. Hemalatha
10	SRI CHAITANYA COLLEGE	Sri Mallikarjuna Rao

Table 9 : Details of Internal Faculty being awarded at Teacher's Day 2023

Slno	NAME OF THE AWARDEES	NAME OF THE FACULTY//SCHOOL	Slno	NAME OF THE AWARDEES	NAME OF THE FACULTY/SCHOOL
1	Dr. Sharath Kumar K. M.	FMC	16	Dr. Tapasi Ghosh	SSS
2	Ms. Vanishree K	FMC	17	Dr. Lalitha S Jayaram	FDS
3	Dr. M. Sivapragasam	FET	18	Dr. Shruthi N	FDS
4	Ms. Sahana P. Shankar	FET	19	Dr. Sharon Caroline Furtado	FPH
5	Ms. Supriya M. S.	FET	20	Dr. Sandhya K V	FPH
6	Dr. N. D. Gangadhar	FET	21	Dr. Anbu Jayaraman	FPH
7	Ms. Anusha Vadde	FET	22	Dr. Tushar Shaw	FLAHS
8	Dr. Varun D	FET	23	Dr. Hanumantha Raju K. N.	FLAHS
9	Dr. Malathi S.	FET	24	Dr. Prashanthi K	FLAHS
10	Dr. Kiran Kumar B. M.	FET	25	Mr. Manjunatha K	RINER
11	Dr. Dayananda B.S.	FET	26	Ms. Arul Shanti	RINER
12	Dr. Mamatha G. Hegde	FAD	27	Dr. Shaswat Verma	RCP
13	Dr. T. Niranjana prabhu	FMPS	28	Dr. Veena Kiran Nambiar	RCP
14	Dr. Ankitha Sharma	FHMCT	29	Dr. P. T. Acharya	RMC
15	Dr. Aruna L.	SOL	30	Dr. Sreevathsa M. R.	RMC
			31	Dr. Shailaja Shetty	RMC

INTERNATIONAL CONFERENCES

The scholarly contributions of faculty have reached global audience, demonstrated by their participation in esteemed international conferences where they presented insightful papers and received awards for best papers. Notable conferences include International Conference on Applications of Natural Products Nanomaterials and Nano-pharmaceuticals (ICAN3) in South Korea, the 2nd International Conference on Construction Resources for Environmentally Sustainable Technologies in Fukuoka, Japan, the International Conclave on AMR and the Future of Antibiotics, the International Conference on Radiation Biology, the International Conference on Global Trends in Sustainable Technology and its Applications in Applied Sciences, the International Conference on Frontiers in Pure and Applied Physics, the International Conference on Recent Advances in Material Science and Computational Techniques, the 'ECOS TCS' International Congress in Paris, SLENDOS organized by the Sri Lanka College of Endocrinologists and the Society of Endocrinology in Colombo, the ICMR-NIH Indo-US workshop, American Society of Haematology Meeting in San Diego, USA and the Asia Pacific Medical Education Conference 2024 jointly organised by Faculty of Medicine, Univeristy of Colombo, Srilanka and National University of Singapore.

INFRASTRUCTURE DEVELOPMENT

Ramaiah Technology Campus, located at Peenya has beautified its campus with new facilities to enrich the ambience and for providing better facilities to the students, staff and faculty members.

REDESIGNED LABORATORY

The laboratory in the department of Computer Science & Engineering has been redesigned with total lab area of 5025 sqft. to accommodate 11 sections. Each section can accommodate 25 to 30 students.

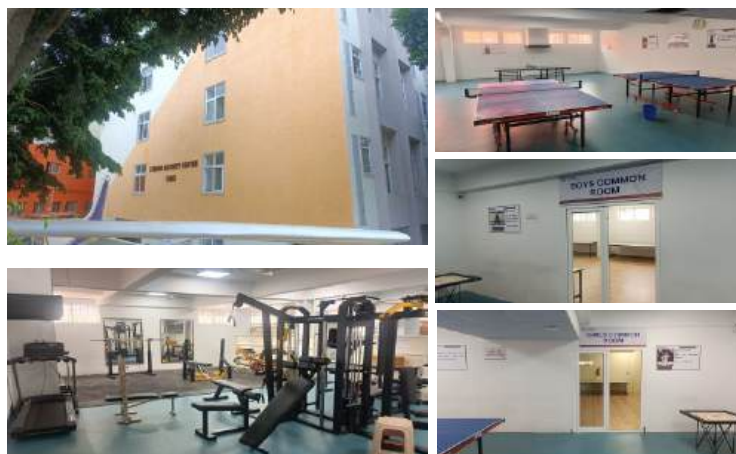
The laboratory in the department of Electronics and Communication has been redesigned with total lab area of 6595 sq ft. to accommodate 8 sections. Each section can accommodate between 20 to 55 students.

BOYS HOSTEL



A new Boys' Hostel was commissioned during 2023-24 academic year, featuring approximately 110 double-occupancy rooms to accommodate around 220 students. Each room is equipped with essential amenities, including a cot, wardrobe, study table, chairs, and Wi-Fi access for the convenience of the students. The hostel is equipped with a lift that accommodates 8 to 10 students at a time, ensuring easy mobility across floors. Four washing machines are available on the upper terrace for students to do their laundry. Additionally, an uninterruptible power supply (UPS) is connected to the hostel to provide backup power in case of outages. Drinking water with coolers is available on all floors, and a reverse osmosis (RO) water plant capable of producing 1,000 liters of treated drinking water is installed on the premises. Students are provided with breakfast, lunch, snacks, and dinner according to a scheduled timetable. The hostel ensures an ample supply of water with a 20,000-liter overhead tank on the terrace and a 25,000-liter sump. Water flow from the sump to the overhead tanks is automated to ensure continuous supply.

STUDENT ACTIVITY CENTRE



STUDENT ACTIVITY CENTRE

The Student Activity Centre has been established for student use, offering a spacious area of 5,900 sq. ft. for indoor games, gym facilities, and common rooms (separate for boys and girls) equipped with TVs. Indoor games such as table tennis, carrom, and chess are available for students to enjoy. A gym facility is provided for both boys and girls, with scheduled time slots for usage. Separate restrooms for boys and girls are located within the common rooms. Wi-Fi access is also available for students throughout the facility.

SKYWALK



Skywalk between Blocks (B & C) and Blocks (A & D) Respectively

Skywalk has been constructed to facilitate easy movement for students, staff, and faculty members between blocks and to provide convenient access to the lifts. The Skywalk connects Block B to Block C. It also connects Block A to Block D. All blocks are now interconnected, ensuring smooth mobility for reaching classrooms, laboratories, HoD offices, and faculty rooms. Additionally, the Skywalk is designed to support disabled students, offering ramp access and lift facilities for easier movement across the campus.

SOLAR PANEL for BOYS HOSTEL ELECTRICITY GENERATION



TATA Power Solar has installed a 35 kWp rooftop system at the RUAS Peenya campus. Project Capacity: 35 kWp (On-Grid System). Number of PV Modules: 66, each with a capacity of 535 Wp. Solar Inverter: 30 kWp (GOOD WE), with 4 strings (configured as 16 x 2 and 17 x 2). The solar panels are mounted on the rooftop of the Boys' Hostel. On a sunny day, the system generates approximately 140 units of electricity, which is used to power the hostel, reducing the reliance on electricity from BESCOM.

SEWAGE TREATMENT PLANT



The capacity of the Sewage Treatment Plant (STP) at the RT Campus has been increased with the installation of a 150 KLD plant, bringing the total treatment capacity to 200 KLD. On an average working day, approximately 100,000 liters of water is treated, with around 40,000 liters of treated water being used daily for gardening and flushing in the Girls' Hostel block. The Karnataka Pollution Control Board has granted approval for the operation of the STP, with consent valid until September 26, 2028

PLAY GROUND



A playground spanning approximately 1,400 sq. ft. has been created for outdoor sports such as cricket, football, throwball, and volleyball. Lighting has been installed to allow students to play volleyball in the playground after sunset. The entire campus area surrounding the playground is illuminated with auto-timer LED lights, ensuring easy mobility for students, especially hostel residents, and convenient access to the playground during the evening.

AIRCRAFT



LIBRARY

Library facility in RT campus has been expanded by increasing the area size of the CV Ramachandra Library to 10,600 Sqft.



CENTRE FOR ADVANCED COMPUTING

Centre for Advanced Computing is established with a sole purpose of enhancing the competencies thereby increasing the scope for career opportunities. The lab is equipped to meet the requirements for training.



MOBILE DENTAL CLINIC - "DANTA SURAKSHA"

Bringing advanced dental care directly to communities, "Dantasuraksha" offers state-of-the-art services through a mobile unit equipped with two modern dental chairs. With an investment of 82 lakhs, it serves both the needy population and functions as a commercial model, making dental care accessible for all. Offering Level 1 (Screening and preventive procedures and Level 2 services (Basic curative procedures), including preventive and basic curative care, it ensures comprehensive treatment during camps. As a proud initiative of the Faculty of Dental Sciences, Ramaiah University of Applied Sciences, Dantasuraksha is more than a service—it's a movement to extend oral health and establish a strong, caring brand.



DIGITAL DENTISTRY

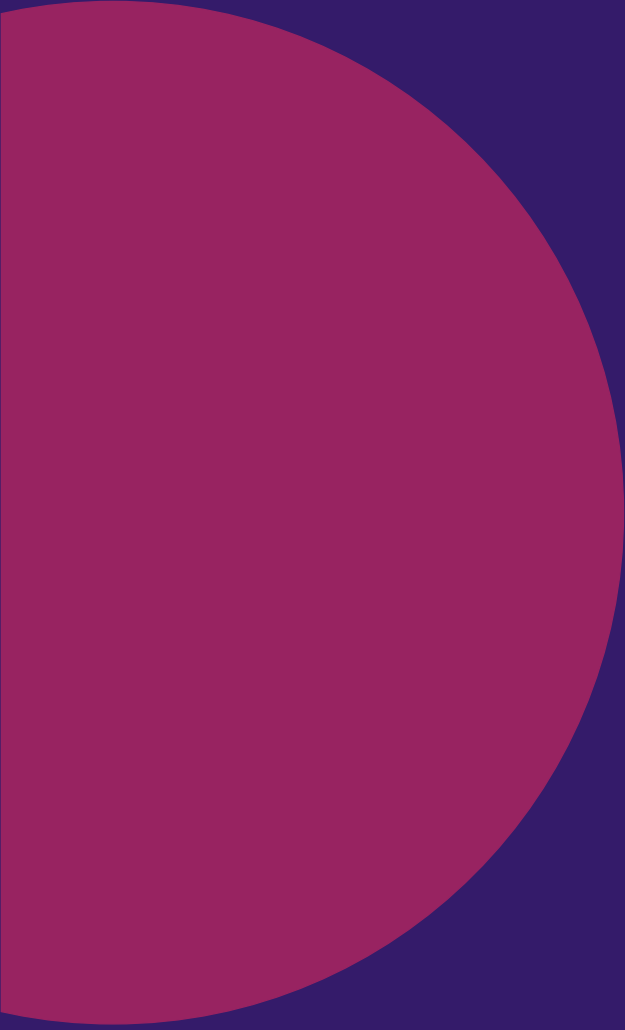


The Digital Dentistry Unit in the Department of Orthodontics and Dentofacial Orthopaedics, Faculty of Dental Sciences, Ramaiah University of Applied Sciences, is a state of the art facility providing quality patient care by utilising innovative cutting edge technology for a budget of Rs. 40 Lakhs. The unit was inaugurated on 9th December 2023 by the Chancellor of RUAS Dr M.R. Jayaram, Dr. OP Kharbanda (Pro VC, HS, RUAS), chief guests and other dignitaries of RUAS. Digital dentistry has revolutionized patient care through the use of digital tools and techniques, providing improved accuracy and precision, enhancing patient experience, increasing efficiency and productivity, improving communication and collaboration between dental professionals, thereby resulting in better treatment outcomes, whilst also improving clinical outcomes, increasing efficiency in laboratory workflows, being cost-effective, integrating with other healthcare technologies, and enabling diagnosis and treatment of dental conditions more accurately and efficiently through advancements in technologies. These technologies can be used in a variety of dental fields, including restorative dentistry, orthodontics, implant dentistry, and cosmetic dentistry and consists of computer-aided design/computer-aided manufacturing (CAD/CAM), three-dimensional (3D) printing, artificial intelligence (AI), augmented reality (AR), and teledentistry.

CANCER DETECTION VAN



Ramaiah Medical College & Hospital in collaboration with the Rotary Club of Bangalore Junction organised a function to Handover "AAVYA - Cancer Detection Mobile Van" on Monday, July 24th, 2023, at Ramaiah Medical College, Bangalore. AAVYA (meaning the first rays or the gift of god) Cancer Detection Mobile Van's initiative was started when Rotary Club and Ramaiah Medical College collaborated eight months back. The main intention of this initiative was to address the under privileged and to make health care, especially the oncological and geriatric health care, available to all sections of the society. This comprehensive mobile unit consist of ECG, X-ray facility, Mammography unit, Colposcopy unit and Laryngoscopy unit.



..... RUAS

RESEARCH

ANNUAL REPORT

23
24

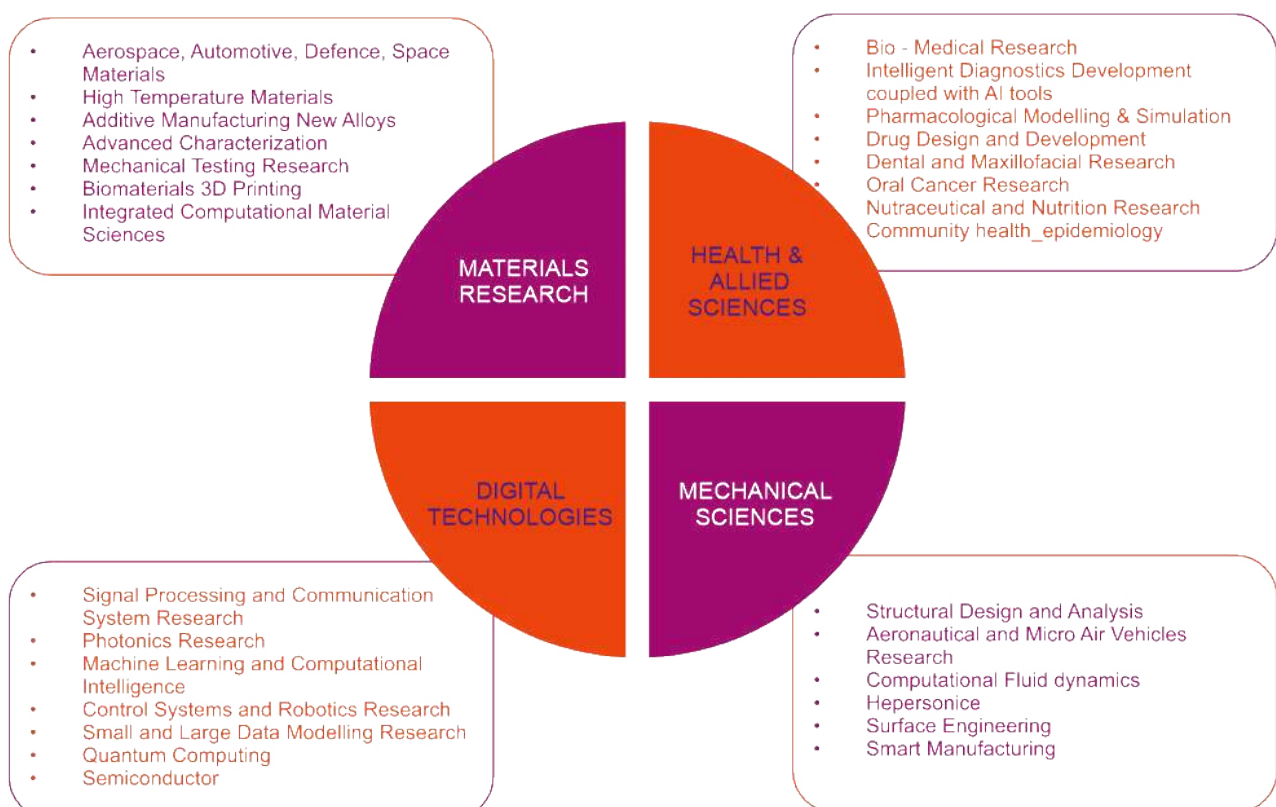
EXECUTIVE SUMMARY – RESEARCH AND INNOVATION

The Annual Report for the academic year 2023-2024 of the Office of Research and Innovation (ORI) outlines the various research initiatives and outcomes at Ramaiah University of Applied Sciences (RUAS), with emphasis on the strategic road map to boosting research outputs, faculty development, and PhD programs. The Office of Research and Innovation serves as a nodal center to facilitate and implement the research strategies across 13 faculties and 80 departments, covering engineering and medical sciences, in managing and disseminating intra-mural and extra-mural grants, securing patents, and fostering a vibrant community of PhD research scholars. RUAS's state-of-the-art infrastructure, equipped with essential facilities and capital equipment, provides a solid foundation for researchers to secure external funding and explore cutting-edge research areas, with impactful publications.

RESEARCH THRUST AREAS

RUAS aspires to be Asia's premier university, renowned for its focus on applied research in a creative and innovative environment. Towards this RUAS has identified key multidisciplinary thrust areas in engineering, basic sciences, health, and social sciences. These areas are aligned with national and global Sustainable Development Goals (SDGs) to ensure that research activities are relevant and impactful to society. Our strategic expertise is focused on four key thrust areas as shown in Figure 1.

- **Biomedical Research:** With a focus on biotechnology and healthcare innovations.
- **Digital Technologies:** Covering advancements in AI/ML, Big Data, Deep Tech, Robotics, Antennae, and Satellite Communication.
- **Materials Research:** Including structural materials for aerospace and functional materials for healthcare.
- **Translational Research:** Leveraging the medical college, teaching hospital, and clinical expertise in dentistry, physiotherapy, and pharmacy.

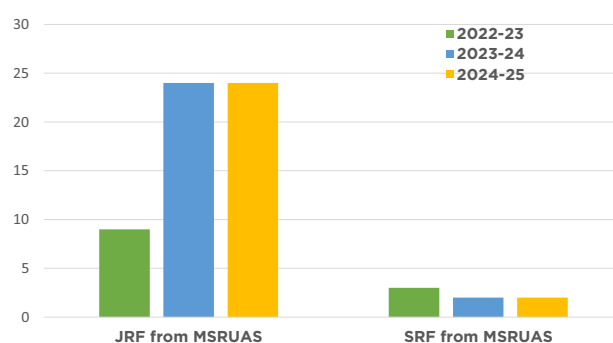
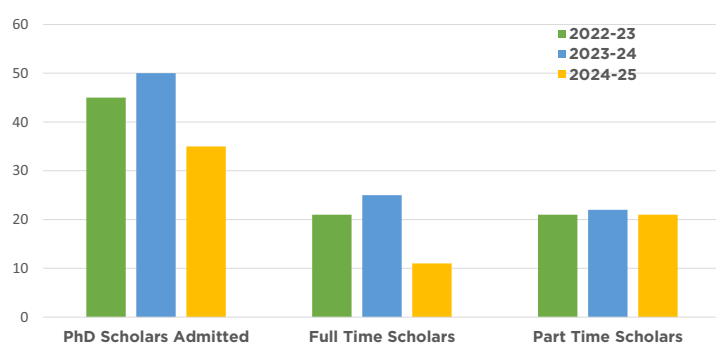


PHD SCHOLARS: ACADEMIC YEAR 2023-2024 (JULY 2023- JUNE 2024)

A vibrant research eco-system is fostered in RUAS via the doctoral program. The PhD program at RUAS caters to diverse research topics aligned with the thrust areas and industry relevant topics. The total number of PhD scholars in 2023-2024 was 50, out of which there were 23 Full time scholars and 27 Part time scholars (Table 1). The ratio of Women to Men scholars is roughly 50:50. of the part time scholars, 25% were external registrants, from Industries such as Bosch Ltd, Dell Technologies, Syngeneic International Limited etc., and 75% were Internal faculty members from RUAS, who were encouraged to pursue doctoral education to upskill their academic credentials. There was an equal distribution between Engineering and Medical Sciences, with the maximum number of Full-time scholars in the faculty of allied and health sciences and pharmacy, followed by engineering, chemistry and dental sciences. The scholar intake remained at a steady state from the previous academic year (2022-2023), as shown in Figure 2. RUAS offers scholarships for meritorious scholars. 23 scholars received junior research fellowships (JRF) while 01 scholar received senior research fellowship (SRF), and 03 scholars are receiving prestigious external fellowships from DBT funded projects. 24 PhDs were awarded in the 2023 calendar year. They have been working on cutting edge research topic ranging from fundamental research on new material formulation for wound healing applications, new therapeutics for cancer, financial well-being management, conducting polymers, industry-academia model for enhanced careers for hotel industries, to name a few. Two of the graduates were awarded post-doctoral fellowships in Japan, Hiroshima University, and in the Dresden laboratory, in Germany. The scholars were also actively involved in innovative contributions to publications and patents. The eco system for scholars has also been empowered further by inducting 57 more eligible approved supervisors. Several measures were taken to enable the scholars to pursue research actively by facilitating external connections for characterization and testing, publications boot camp to ensure the correct choice of journals that are impactful and the recipe to technical writing.

Table 10: Ph.D. Scholars

PhD Scholars Details	2023	2024
Full Time PhD - Research Scholars	50	35
a) Full Time Scholars (New enrolled+ existing scholars)	23	12
b) Part Time PhD (New enrolled+ existing scholars)	27	23
c) Number of Scholars receiving Scholarship from Institution	24	27
d) Number of Scholars receiving Scholarship from outside Funding agency	03	04
PhDs awarded	24	14



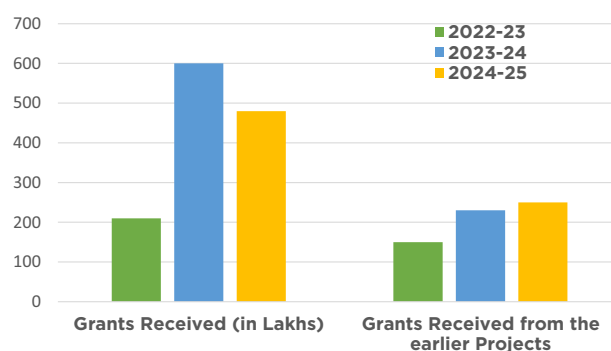
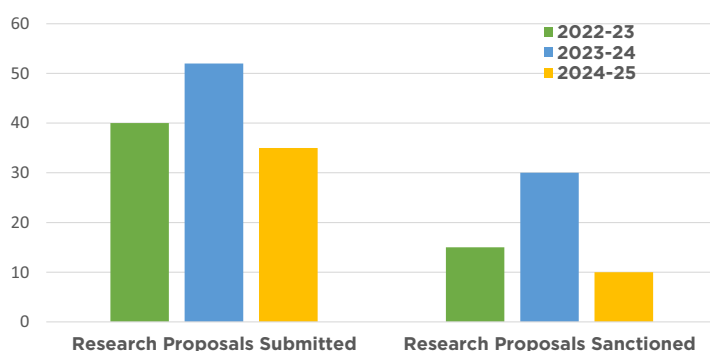
INTRA-MURAL GRANTS, SPONSORED RESEARCH, PUBLICATIONS, PATENTS

The university encourages research via seed grants to enable early-career researchers to generate preliminary data that can lead to larger extramural grants. 44 research projects worth 133 Lakhs were initiated in 2023-2024, to support various faculties in engineering, management, and health sciences. They resulted in tangible outputs of 64 publications, 03 patents and most importantly in engaging students, at the undergraduate and post-graduate level to carry out research. Nearly 275 students were engaged with 44 faculty members learning and contributing to areas such as 3D printing for novel prototypes, novel nano-bio polymer for targeted drug development, bio-polymer for food packaging, nano additives for treating contaminated water, addressing and facilitating needs of aging population with statistical analysis, systematic reviews and economic forecasts for communicable and non-communicable diseases, modeling to influence human organ donation, improved handloom apparels, stochastic modeling for architectural betterment in concrete beams, aerodynamic modeling for turbines, etc. The intra-mural grants also enabled procuring some capital equipment essential to the functional research groups, such as photocatalytic reactor, fused deposition molding 3D printer, etc. A summary of the intra-mural grant outcomes is listed in Table 11.

Table 11: Seed Grants

Out-comes of Seed Grants 2022-23	
Papers Publications	64
Patents Granted	03
Students Involved	274
External Projects Applied	17
Equipment Procured	19

Faculty members have been very active and successful in obtaining sponsored research funding from Govt. of India organizations as well as industry sponsored projects. Around 56 sponsored research projects with a sanctioned grant of 250 Lakhs were received by 29 faculty members as shown in Figure 4 and Figure 5. As compared to the previous academic year, there was nearly a doubling of the number of proposals submitted. A few of the key equipment that were purchased using sponsored grants were, magnetostriction measurement equipment (SERB_DST grant), thermal conductivity measurement equipment (DRDO grant), UV-visible spectrophotometer (VGST), VASP Software for density function theory calculations (DST), artificial limb printing 3D printer.



INTRA-MURAL GRANTS, SPONSORED RESEARCH, PUBLICATIONS, PATENTS

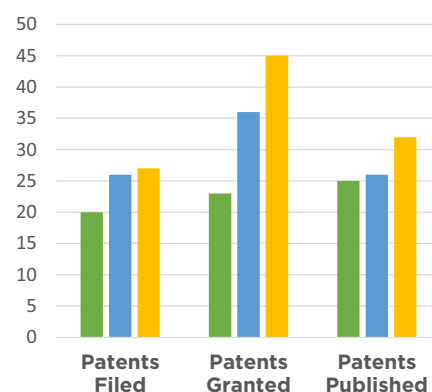
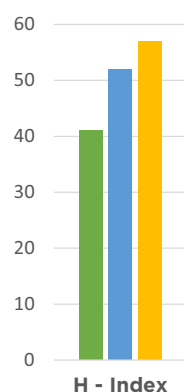
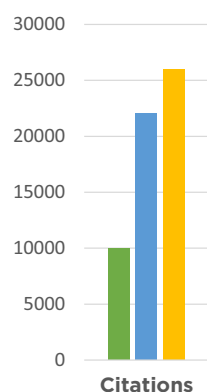
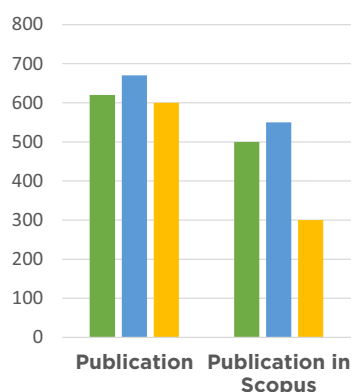
The research funding (both intra-mural and extra-mural) resulted in tangible output in terms of publications and patents as well as brought in capital equipment and software for the use of researchers. There were 679 publications in 2023 of which 554 were from Scopus indexed journals, with a citation count of 21567, h-index at 57, and an average impact factor of 3.62. Notable publications include a paper in Nature, authored by Dr. Deepesh Nagarajan with an ongoing collaboration with researchers at the Indian Institute of Science. below table lists the publication related output, in 2023, along with a comparison in the previous year (2022) and the current year, up to July 2024, in figures . The research publications were equally distributed from all the departments. The researchers were very active in filing for the novel research outcomes via intellectual property (IP), as listed in below figures, in a comparative chart. There was a total of 26 patents filed, 37 granted and 26 published, in 2023-2024. To encourage research and innovation and timely outputs, the management adopted an incentivizing model, to serve as a self-motivating factor in enabling accelerated research interests amongst the faculty. Faculty with outstanding achievements were also felicitated periodically to serve as self-sustaining motivator to others.

Table 12: Publications

Publication Details	2023	Jan March	April June	July Sept
Number of Scopus indexed publication	554	75	87	80
Number of Web of Science publication	369	62	43	41
Number of UGC - CARE	522	78	76	75
Total	679	92	111	105
Number of Other Indexed Journals	114	10	27	52
Citation	21567	26459		
h-index of the faculty/college/institution	52	57		

Table 13: Research

Research Output Summary	2023	2024
PhDs awarded	24	14
Number of Intramural Grants approved	66	44
Total Amount sanctioned for Intramural grants (Lakhs)	256.64	133.3
Sponsored research grants (numbers)	29	10
Funds sanctioned/ received (Lakhs)	601.22	798.77
Patents filed	26	27
Patents awarded (granted)	33	46
All publications*	793	352
Scopus publications*	679	80



EXTERNAL COLLABORATIONS

The faculty and students are actively engaged in collaborations at the National and International level, with Universities and Industries. Key MOUs and NDAs were signed to facilitate formal collaborations. Below Figure lists the active engagements in 2023-2024. These have led to proposals being written for external funding such as ISSR, ICSSR, ICMR, DST, BIRAC, DBT, VGST, Indo-Australian, Indo-UK, and other calls for proposals as well as led to student internships (at Industries), consultancy with faculty members.

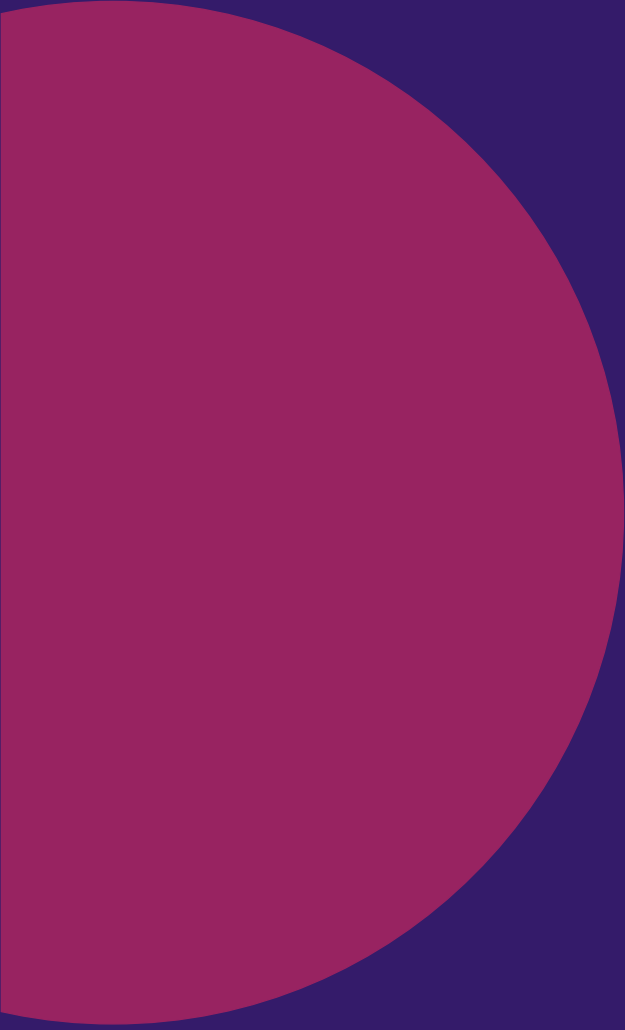


CONSULTANCY

RUAS has a dynamic consultancy ecosystem, where faculty offer technical expertise to various government and industrial agencies. These consultancies strengthen industry-academia collaborations, enhancing the translational impact of research and innovation at the university. These tend to be focused on Operations and Management, Engineering Technical Consultancy and Medical Research.

PROCESS OPTIMIZATION UPDATES

The research department at RUAS has implemented several initiatives aimed at enhancing the efficiency of research processes and improving productivity. Key measures include organizing all research and innovation-related policies into a shared folder for easy access and transparency. Office hours have been established to address frequently asked questions and provide systematic clarifications. Leaner administrative processes have been introduced, such as maintaining an Inward and Outward Register within the Office of Research and Innovation (ORI), achieving a remarkable two-hour turnaround time for signatures. Additionally, a weekly cadence has been set up to facilitate the efficient transfer of documents between the Peenya and Mathikere campuses. The PhD program is being streamlined through a plethora of efficiency measures. Regular dissemination of fellowships and grants through a newsletter titled ORCHID helps keep researchers informed about funding opportunities. Furthermore, an inventory of plant and equipment across RUAS, along with their utilization and contact details, ensures optimized resource usage. A glimpse of these measures is listed as Annexure 1.



..... RUAS
DIRECTORATES &
CENTERS

ANNUAL REPORT
23
24

IQAC ACHIEVEMENTS

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC)	A+ (3.33 CGPA)
GREEN RANKING - 2024	Diamond
Times of India B-School Survey - 2024	1st Rank
TOP EMERGING BBA INSTITUTES - PLACEMENT (under the Emerging Category)	
OUTLOOK - Top 20 Private Medical Universities	3rd Rank
M S Ramaiah Medical College, Bangalore	3rd Rank - 893.39/1000
CAREER -360 Rating 2024	AAAA (4.4/5) Graded
India's Best Young Private Universities Ranking	17th Rank - Score-354.73/650
India's Best Medical Colleges -Medical Ranking - Private	19th Rank - Score-280.03/500
India's Best Dental Colleges - Dental Ranking - Private	13th Rank - Score-266.27/500
India's Best Universities - Multidisciplinary -Ranking Private	45th Rank - Score -213.63/800
India's Best Engineering Institutes - 2024 in India	AAAA Graded
THE WEEK - HANSA RESEARCH - SURVEY -2024	
Among South Zone Private Medical Colleges - RMC	5th Rank - Score- 382
Among Private Colleges - All India - RMC	6th Rank - Score- 382
All India Medical Collges - RMC	20th Rank - Score- 382
Among Private Hotel Management Colleges (South Zone) - FHMCT	16th Rank -Score-125
All India Dental Colleges - FDS	25th Rank -Score - 346
Among All India Private Dental Colleges - FDS	16th Rank - Score -346
INDIA TODAY RANKING - 2024	
Top Emerging Management Colleges	9th Rank out of 54
Top Emerging Commerce Colleges	20th Rank out of 90
Top Dental Colleges	13th Rank out of 62
Top Hotel Management Colleges	20th Rank out of 76
Top Medical Colleges	26th Rank out of 55
Top Management Colleges	51st Rank out of 211
Top Commerce Colleges	84th Rank out of 229
OTHER WORKS - AISHE / UGC / AICTE / NPTEL	
AISHE - 2022-23	RMC - submitted; MSRUAS- submitted
AICTE Extension of Approval (EOA)	Received for the year 202425
UGC-UTSAH & POP Portal	Best Practices - Submitted
Valuable Local Chapter with a rating of "A" based on Performance in NPTEL Online Certification Courses	NPTEL - "A" Jan-Apr 2024

DIRECTORATE OF TRANSFERABLE SKILLS AND LEADERSHIP DEVELOPMENT

PREAMBLE OF THE DIRECTORATE:

Directorate of Transferable Skills and Leadership Development (DTSLD) facilitates enhancement of the Transactional, Transformational and Transcendental Leadership Skills in the University stakeholders to align with the University's Mission to serve the technical, scientific and economic needs of our society. In a constantly changing environment, it is essential to develop life skills to meet the challenges that one comes across in the workplace, family and society at large. Hence, it is important to develop life skills and ethical behavior for holistic development of an individual.

ACCOUNTABILITY OF DTSLD

- Design and deliver credit-based courses as per the program specifications of all Faculties and Schools of MSRUAS which includes ability enhancement courses, skill enhancement courses and Core Courses.
- Design and deliver Value Added Courses to students of all Faculties and Schools of MSRUAS
- Design and deliver workshops/programs to enhance the professional skills of Faculty Members and Staff of MSRUAS
- Design and deliver Induction Program to all new employees & students of MSRUAS
- Provide support to placement training programs & provide guidance through Career Catalyst Hub of MSRUAS
- Develop Project Management competency across all stakeholders of MSRUAS (in partnership with FMC)
- Sustain and develop Students Clubs for Personality Development (Debate Club and Literary Club)
- As a Nodal Agency for Unnat Bharat Abhiyan (a flagship program from GOI for Rural Development) plan and deliver all UBA activities in association with UBA Committee



HIGHLIGHTS	ACTIVITIES	NOS
1. Shift in classroom teaching style, from being a teacher-centric to a participant-centric style	Debate Club Event - Internal	3
2. Workshops for enhanced effectiveness of internal stakeholders	Debate Club Event - External	2
3. Mentoring and coaching students for prestigious competitions (Conventional Debate, Model United Nations [MUN], Essay and Poetry Writing)	Literary Club	5
4. Innovations in classroom delivery	Preplacement Training	3
5. Mentoring students for job interviews	Staff Development Program	3
	Electoral Literacy Club	2
	Career Catalyst Hub	8

DIRECTORATE OF TRAINING AND LIFELONG LEARNING (DTLL)

PREAMBLE OF THE DIRECTORATE

The Directorate of Training and Lifelong Learning (DTLL) is the competency wing of MSRUAS providing an effective platform for enormous exchange of knowledge through carefully designed reskilling and upskilling programmes for fresh graduates and practicing professionals from industry, business and academia through various B.Voc and PGD programs. It also facilitates a spectrum of tailor-made domain specific corporate training programs to industries. The Directorate facilitates delivery of all the courses through in-house expertise/subject experts/consultants and state of the art laboratories of various Faculties of the University.

Programmes coordinated by the Directorate and offered by respective faculty:

1. Bachelor of Vocational Degree (B. Voc.)
2. Post Graduate Diploma (PG Diploma)
3. Post Graduate Certificate (PG Certificate)
4. Corporate Training Programme (CTP)

HIGHLIGHTS AND ACHIEVEMENTS

- Signed MOU with Avasta Learning Pvt Ltd as industry partner to start PG Certificate/ Diploma in Business Management and E-Commerce in association with FMC in AY 2024-25
- Signed MOU with Zenith Rail Edvarsity Pvt Ltd as an industry partner to commence PG Certificate/ Diploma in Signalling and communication management for railways and metro in association with FET in AY 2024-25.
- Submitted expression of interest to NSDC to offer skill based training programmes under PMKVY 4.0 and received sanction letter to offer the same
- B Voc. students from Product Design and Modelling and Culinary Operations are undergoing internship/on job training in NTTF, Buhler and Pride Hotels from June 2024 for a duration of 3 months
- PGDFM students underwent internship in BIAL for 5 weeks



NAAC peer team visit to DTLL stall



SCA award ceremony

DIRECTORATE OF STUDENT AFFAIRS

DEEKSHARAMBH - STUDENT INDUCTION PROGRAM JULY 2023

The purpose of Deeksharambh - Student Induction Program is to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self-exploration. Directorate of Student Affairs, Ramaiah University of Applied Sciences (RUAS) organized Deeksharambh - Student Induction Program for Batch 2023 students running for a fortnight from 17th to 31st July 2023.



Prof. K.K. Raina addressing the parents & students

ANTI RAGGING FLASHMOB

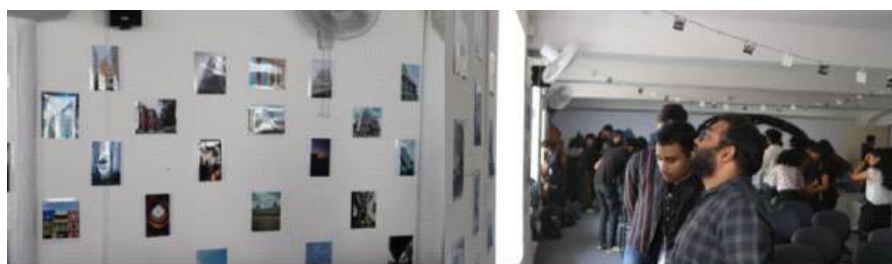
On August 23rd, the Dance Club organized an anti ragging flashmob to raise awareness among students. The event featured energetic dances and message promoting respect, creating a positive impact on campus culture.



Students performing Flash Mob to raise awareness against ragging

WORLD PHOTOGRAPHY DAY

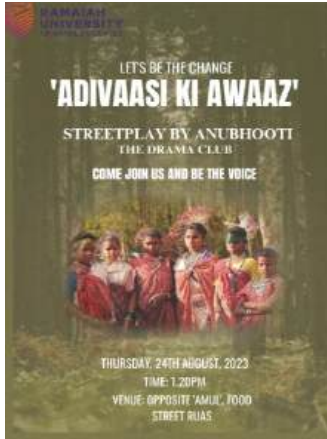
"World Photography Day" is a special event conducted by "Capture through Lens - RUAS Photography Club on 23rd and 24th August 2023. It was an exhibition cum workshop organized to promote photography. Photography is a deep-rooted art form filled with passion and visual way of exploring and representing emotions. Capturing every day beauty present in the world is a feeling experienced never before.



Participants viewing the exhibits on display

ADIVASI KI AWAZ

The Drama Club of MSRUAS - 'ANUBHOOTI' organised a Street Play on the 24th of August 2023 with the intention of spreading awareness and showing their support towards the upliftment of the tribal communities and protecting their rights, students from all departments of MSRUAS came together to put up the play and it indeed was a massive success.



Poster of the event



Street Play being enacted in GG campus



TEACHER'S DAY

On September 5, 2023, the Medical College Auditorium witnessed a lively Teachers' Day celebration with 500+ students. The event included the felicitation of RUAS faculty members and the principals from other colleges.



Dignitaries on the dais



Dr. M.R. Jayaram, Chairman GEF felicitating a guest

WORLD SUICIDE PREVENTION DAY

On the 11th of September 2023, the Department of Psychiatry of Ramaiah Medical College, observed "World Suicide Prevention Day" in collaboration with the Ramaiah University of Applied Sciences. Over 700 Students participated in the event.



Watering of sapling by the dignitaries



View of the audience

INSTALLATION OF ROTARACT CLUB

The 2nd installation of Rotaract Club of RUAS – Lakshyaa 2.0 with the theme “Advayam” was held on September 11, 2023, at Advanced Learning Centre, University House which was a momentous occasion that marked the beginning of a new era of service, leadership, and fellowship.



Welcoming Rotary Manyata office Bearer



Office Bearers of Rotaract RUAS

SYNERGYCON

Rotaract Club of RUAS cohosted Rotary District 3192 Youth Service Inter City General Forum (ICGF) – “Synergycon” Empowering the Youth Building the Nation event on September 17, 2023, at Dwaraka Auditorium, Ramaiah University of Applied Sciences.



Members of Rotary Dist. 3192



Panel Discussion

WORLD PEACE DAY

Rotary District 3192 in association with Rotary Bengaluru Manyata, Rotary Bengaluru Junction, Rotary Bengaluru West, Rotary Bengaluru Nandini layout, Rotary Bengaluru Ulsoor, Rotary Nelamangala Rotaract Club of RUAS and Rotaract Club of MSCASC organized World Peace Day Celebration “Vishwa Shanti – India's Contribution to World Peace” event on September 23, 2023, at Dr. APJ Abdul Kalam Auditorium, Ramaiah College of Arts, Science and Commerce.



Memento Presentation



Audience Attending the Event

MENSTRUAL HYGIENE AWARENESS DRIVE

NSS & Rotaract RUAS student volunteers joined hands with Bhumi to celebrate Daan Utsav week commemorating 154th Birth Anniversary of Mahatma Gandhi. On 2nd Oct 2023, Menstrual Hygiene Awareness Drive was organized at multiple girls home in and around Bengaluru.



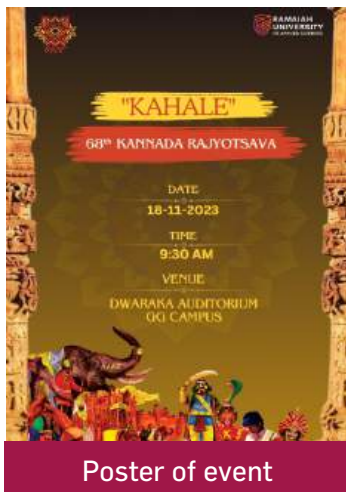
Distribution of Sanitary Napkins



Distribution of Sanitary Napkins

KAHALE 2023

The Kannada Rajyotsava festival, "KAHALE," celebrated on November 18, 2023, at Dwaraka Auditorium, marked a joyous occasion at Ramaiah University. With over 1000 students participating, the event featured cultural performances, including traditional dances and music. The highlight was the delightful North Karnataka cuisine lunch served to all attendees. The presence of university dignitaries added prestige, fostering a sense of unity and cultural pride among the university community.



Poster of event



Organizers

DINDIMA

Kannada Rajyotsava celebration, DINDIMA 2023, was celebrated on November 25th in Ramaiah Technology Campus, Peenya. This event commemorates the formation of our state and celebrates the cultural richness of Kannada and Karnataka.



Audience



Students Performance

INSTALLATION OF MSRUAS STUDENTS COUNCIL

On November 18, 2023, the installation ceremony of the Student Council was organized. Dignitaries and students gathered for this special event, highlighting the university's dedication to student leadership and collaboration. The occasion marks an important step towards enhancing the overall student experience at MSRUAS.


**RAMAIAH
UNIVERSITY**
OF APPLIED SCIENCES

Student Council 2023-24

President  P. V. Viveka Sharma	Vice-President  Nanditha B. K. Shetty GG Campus	Vice-President  Vinod Surendra Singroha RT Campus	General Secretary  Saira Ameen
Class Ambassador  Bhavana U. Naidu RT Campus	Class Ambassador  Anshaj Sharma GG Campus	Club Ambassador  Aditya V. Nandi GG Campus	Club Ambassador  Vaishnavi S. Rathod RT Campus
Cultural Ambassador  Shashank Tigari RT Campus	Cultural Ambassador  Kushboo B. GG Campus	Sports Ambassador  N. Lathiesh RT Campus	Sports Ambassador  R. Moksha Yadav GG Campus

FELICITATION OF STUDENT ACHIEVERS

On November 18, 2023, Ramaiah University hosted a felicitation ceremony to recognize outstanding academic, research, and extracurricular accomplishments of students. The event featured speeches, awards, and cultural performances, fostering a spirit of celebration and inspiration for future success. The ceremony underscored Ramaiah University's commitment to recognizing and encouraging excellence within its student community.

BLOOD DONATION CAMP

Blood bank of Ramaiah Memorial Hospital organised a blood donation camp in GG Campus on 12th Jan and 14th March 2024. Such camps are instrumental in meeting critical healthcare needs and strengthening community bonds.



Students Donating Blood

WORLD CANCER DAY

Held on 5th February 2024, this event was designed to educate and inspire, centered around the crucial theme of registering as potential stem cell donors and providing second chance at life for people suffering with blood cancer.



Session in Progress



Students taking Smear Sample

SPHOORTHY...ANNUAL ATHLETICS MEET

SPHOORTHY – 9th Annual Athletic Meet of RUAS was held on 9th and 10th February, 2024. Mr. Abhishek N. Shetty, Ekalavya Awardee & International Athlete was the Chief Guest. Along with track and field events, fun events like sack race, hit the wicket, tug of war were also held for students and staff.



Torch Run



March Past



Sprint



Long Jump

WORKSHOP on POCSO ACT 2012, POSH & GENDER EQUALITY

The event was held on 7th March 2024 to educate the community about the legal provisions for safeguarding children against sexual abuse and to empower individuals with knowledge and resources to prevent such incidents or crimes.



Audience Listening in Rapt Attention

WORKSHOP ON CYBER SAFE GIRL

A comprehensive workshop curated for faculty and students across all discipline creating awareness on how to safeguard oneself from online crime/fraud on 23rd March 2024.



Welcoming Dr. Shalini Rajneesh
I.A.S



Dr. Shalini Rajneesh I.A.S addressing
the audience

SERVICE TO SOCIETY

Mandatory Service to Society was held during Feb-March 2024. 52 teams consisting on an average of 35 students and a faculty coordinator undertook the activity. The activities ranged from visiting old-age homes, orphanages, Govt. schools to spend time with them and donate required essentials. Some teams created awareness on the harmful effects of plastics to the general public, distributed hygiene kits to municipal workers while some others undertook seed ball preparation and planting of saplings.



Distribution of snacks to children at
a hospital



RUAS students at an Old Age Home



RUAS students at a Govt. School



Donation of Hygiene Kits

AKAIRA... CULTURAL FEST

The cultural Fest of MSRUAS, AKAIRA 2024, was held over two days on 23rd and 24th March 2024. A number of on-stage and off-stage events were held. Certain events like Group Dance, Fashion Show had participants from other universities.



Dance performances during the Fest

LA SCENA CHAPTER 3

An annual inter-university dramatics festival organized by Anubhooti, the dramatics club of MSRUAS. Celebrating World Theatre Day, the event featured enthusiastic participation from 21 universities across Bengaluru was organized on 5th April 2024.



A Play in progress



Memento being given to a winner

WORLD ENVIRONMENT DAY

To raise global awareness and take action on pressing environmental issues. The Vimove Foundation, in collaboration with Ramaiah University of Applied Sciences as the Lead Academic Partner, organized an impactful series of events to commemorate this day on 1st June 2024.



Dignitaries being welcomed



Address by a dignitary

INTERNATIONAL DAY OF YOGA

The Directorate of Student Affairs in association with the NSS RUAS, MSRUAS Women Cell and Ramaiah Indic Specialty Ayurveda celebrated the rich cultural heritage of India through yoga on 21st June 2024.



Yoga Performed by participants

TECHNO CENTRE ENGINEERING (TCE)



ACTIVITIES

Submission of EOI (Expression of Interest) to

- DRDE for the project “DEVELOPMENT OF A HUMANIZED MONOCLONAL ANTIBODY WITH THERAPEUTIC AGAINST NIPAH AND EBOLA VIRUSES “
- 12 BRD INDIAN AIRFORCE for the project “EXPENDABLE LOW COST TARGET DRONES”
- 12 BRD INDIAN AIRFORCE for the project “ARTIFICIAL INTELLIGENCE BASED SPEECH TO TEXT AND TEXT TO CONTEXT GENERATOR”
- Submitted and in the final stage of getting High Value Order from 3BRD INDIAN AIRFORCE project titled “INDIGENOUS DEVELOPMENT OF ELECTRO HYDRAULIC INTENSIFIER FOR MI-17V5 HELICOPTER”
- Interaction with DRDE Gwalior for a high value project “DEVELOPMENT AND SUPPLY OF CUSTOMIZED AUTOMATED CHEMICAL TEST EQUIPMENT WITH ROBOTIC ARM”
- Presented two projects in IDEX 10 & ADITI Defence Platforms

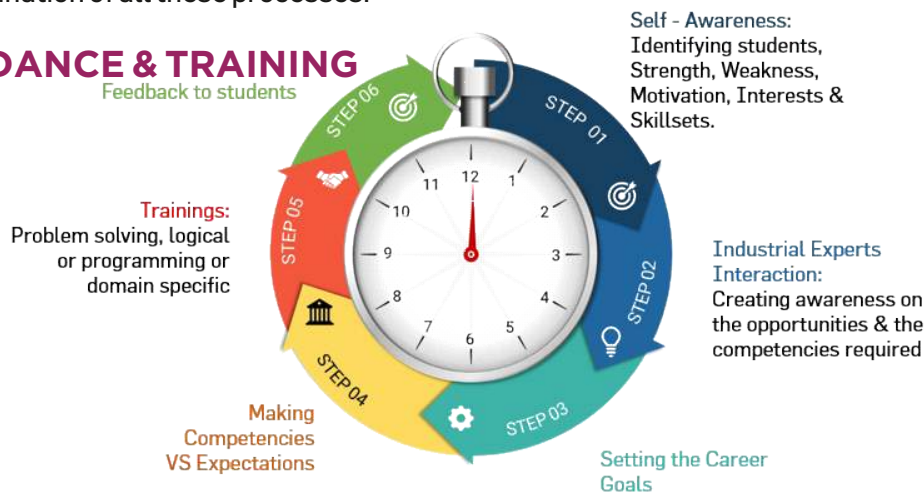
Table 13: Projects awarded to TCE

Details of projects awarded to TCE		
Customer Name / Funding Agency	Project Title	Month-Year
Lekha Wireless Solutions Private Limited	Thermal Analysis of TX-05 ASSEMBLY	Jul-23
DMSRDE - Kanpur	Process Parameter Optimization for Development of Hybrid composites”	Aug-23
MTRDC	Design & Development of Forced Cooling System for Transmitter Unit	Aug-23
BEL Navi Mumbai	Finite Element Analysis of Winch System	Oct-23
Entec	Finite Element Analysis of “THCS Unit”	Oct-23
BEL Bengaluru	Thermal & FEM Analysis of Control, VFD & Power Supply Cabinets	Dec-23
BEL Bengaluru	Thermal & Structural Analysis – ERU- Exciter Receiver Unit	May-24
MSR Teaching Hospital	Re-design and Development of Tissue Oxygen Saturation Monitoring System	Aug-23
IHQ of MoD (Army) MGS Branch/ Date of Indigenisation	Accelerometer - PHIL-ME5003-01 (Design and Development of single axis inclinometer unit for bofors artillery gun)	Jan-24

DIRECTORATE OF PLACEMENTS, TRAINING & CAREER COUNSELLING (DPTC)

The Directorate of Placements, Training & Career Counselling (DPTC) assists students in their career planning. The students are prepared for their final placement through an incessant and structured interface with the industry through internships, industrial visits, industry ready course curriculum and career counselling. Hence, final placement is a culmination of all these processes.

CAREER GUIDANCE & TRAINING



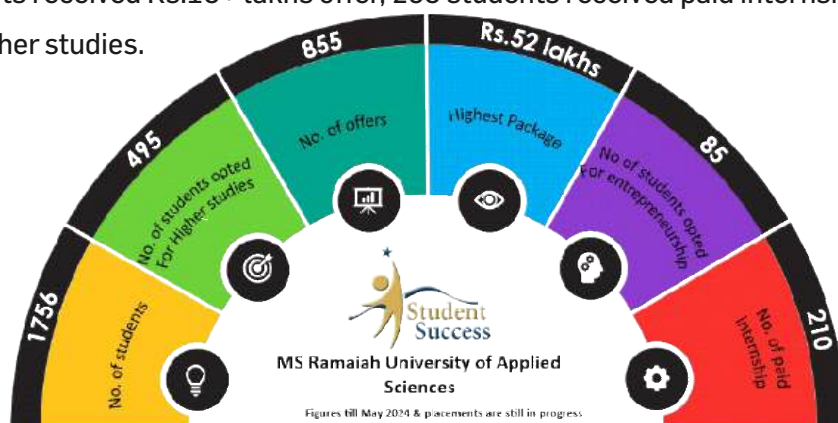
“Education is not just gathering and implementing knowledge but developing an overall personality of oneself.” Career guidance and training activities from Directorate of Training and Placements help to build a strong foundation for students at the university level. The capacity development activities serve as the cornerstone for fostering crucial abilities like critical thinking, problem-solving, technical competency, and effective communication in students. These activities bridge the gap between academia and industry by facilitating the seamless integration of theoretical knowledge and practical application, empowering students with real-world skills and competencies.

MSRUAS CAREER COUNSELING APPROACH

Our methodical career guidance approach assists us in identifying training needs of the students in a systematic manner incorporating the essence of student's aspirations and employers needs thereby satisfying all the stakeholders and serves the society at large.

PLACEMENT HIGHLIGHTS - MSRUAS

During the year 2023-24, 327 companies visited our campus, and we have placed around 73% of placement interested students with a highest package of Rs.52 lakhs per annum and an average package of Rs. 6.2 lakhs p.a. In addition, 52 students received Rs.10+ lakhs offer, 250 students received paid internship, and around 28% of the students opted for higher studies.



TRAINING PROGRAM OFFERED AT MSRUAS

Table 14: Career Development Programs

CAREER DEVELOPMENT PROGRAMS OFFERED DURING 2023-24			
Training Offered	Objective	Hours	Details
Psychometric or Competency assessment Tests	To enable students to set their career cum life goals using self assessment tool	Short duration test	All the management students
Vidyadhari	To facilitate student learning through interaction with Industry expert	Short duration session	20 sessions
Emplife.com	To facilitate global employability	Short duration session	10 sessions
Aptitude and Analytical Skill Training	To strengthen critical thinking, problem solving skills, etc.	30 hrs	Offered to over 550 pre final year students from faculty of engineering & technology, pharmacy, commerce and management, & Social Science
Personality Development Training	To Enhance communication skills be aware of social media presence and be a team player	12 - 18 hrs	Prefinal year students from Faculty of Engineering & Technology, Commerce & Management, Life and Allied Health Services, Pharmacy, Social Science, etc. impacting 800 students
Advanced Technical Training on Data Structure and Algorithm & Competitive Programming	To enhance the engineering student's competency for high package product-based dream companies in IT Sector	60 hrs	Pre final year students of Computer science, Information Science and AIML branches impacting 200 students
Farm to Table Training for Pharmacy streams	To provide industry specific training in clinical research and allied domain	40 hrs	Students during pre-final year of B. Pharmacy and M. Pharmacy impacting 45 students
Company specific training session for management streams	To provide students with skills essential for campus placement	18 hrs	Final Year Management students covering 100 students
HR Conclave	To provide students with skills essential for campus placement as required by specific companies	8 hrs	2 workshops viz for Faculty of Pharmacy and Commerce & Manage
XPMC (Experiential Master Credentials) Program	To facilitate student learning on digital tranformation	3 months	A project-based internship program on Digital Transformation in collaboration with Employability. Life UK Based Global talent incubator supported by Federation University, Australia.

GLIMPSE



THE IMPACT OF PRE-PLACEMENT TRAINING ACTIVITIES

In today's competitive job market, it's essential for students to not only acquire academic knowledge but also develop a skill set that prepares them for real-world challenges. At our university, the Directorate of Training and Placements plays a pivotal role in shaping students' futures through comprehensive pre-placement training activities. These initiatives are designed to build self-esteem, confidence, and leadership skills, while also fostering critical thinking, problem-solving abilities, and effective communication.

BRIDGING THE GAP BETWEEN ACADEMIA AND INDUSTRY

- Our pre-placement training activities serve as a cornerstone for students, integrating theoretical knowledge with practical application. This holistic approach empowers students to become independent thinkers, encouraging them to plan for their future with confidence. We have highlighted a few key training sessions conducted under our pre-placement program:
- Industry Interaction Sessions: Under the flagship program "VIDYADHUNIK 4.0," we successfully organized around 25 sessions featuring industry veterans from USA, Japan, and beyond. This initiative provided approximately 1,800 students with invaluable international exposure, enriching their understanding of global industry standards.
- Comprehensive Training Programs: We hosted 13 pre-placement training sessions covering essential skills such as aptitude, programming, soft skills, and interview preparations. With around 1,500 participants, these programs have significantly boosted students' confidence and readiness for job interviews.
- Digital Proficiency for Non-IT Students: Recognizing the importance of digital skills, we initiated basic programming training for non-IT students in the Faculty of Engineering and Technology. So far, 300 students have benefited from this training, equipping them with vital competencies for today's tech-driven landscape.
- Advanced Technical Training: We are committed to enhancing the competencies of our engineering students through advanced training in data structures and algorithms, in collaboration with Geeks for Geeks. Currently, around 250 students are undergoing this rigorous training to prepare for high-package opportunities in leading IT companies.
- Webinars with Industry Experts: In partnership with Employability. Life, we organized approximately 20 webinars featuring insights from corporate industry experts. This collaboration has benefited around 450 students, offering them a deeper understanding of industry expectations and trends.
- Internship Opportunities: We have initiated an innovative internship program in collaboration with Employability. Life, where 10 students from FMC and 10 from FET completed a successful 12-week internship, gaining practical experience and professional insights.
- Japanese Language Training: To enhance our students' global employability, we launched certified Japanese language training on September 2, 2024. This program currently has 30 participants, including faculty, reflecting our commitment to fostering linguistic skills in a globalized job market.
- HR Conclaves: Our three HR conclaves provided a platform for industry experts to interact with students, sharing valuable insights into recruitment processes and career development.

CONCLUSION

These pre-placement training activities not only enhance students' technical skills but also equip them with essential soft skills, ultimately preparing them for successful careers. By bridging the gap between academia and industry, we are bringing up a generation of professionals who are ready to face the challenges of the modern workforce. As we continue to expand our programs and initiatives, we remain dedicated to empowering our students and helping them achieve their career aspirations.

INSTITUTION INNOVATION COUNCIL (IIC)

FOCUS AND FUNCTIONS OF INSTITUTION INNOVATION COUNCIL

- To create a vibrant local innovation ecosystem. To set up Start-up supporting Mechanism in HEIs.
- Establish Function Ecosystem for Scouting Ideas and Pre-incubation of Ideas.
- Prepare institute for NIRF Innovation ranking Framework.
- Develop better Cognitive Ability for Technology Students
- To conduct various innovation and entrepreneurship-related activities prescribed by Central MIC in time bound fashion.
- Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.
- Network with peers and national entrepreneurship development organizations. Identify and reward innovations and share success stories.
- Create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and students.
- Organize Hackathons, idea competition, mini-challenges etc. with the involvement of industries

THE MAIN OBJECTIVES OF THIS CENTRE IS TO

- Encourage students and staff of MSRUAS to develop innovative and creative ideas that are useful to Society
- Help students and staff members to convert innovative ideas into technology demonstrations
- Patenting of ideas
- Help students and staff participate in national and international competitions
- Provide necessary guidance for technology and business incubation
- Seek funds for development of technology demonstrations and participate in competitions organised by industries and business organisations through CSR initiatives of the organisations

ACTIVITIES CONDUCTED FOR THE AY 2023-24

Q 1 (Sep 2022 – Nov 2022)	Q 2 (Dec 2022 – Feb 2023)	Q 3 (Mar 2023 – May 2023)	Q 4 (Jul 2023 – Aug 2024)
22 Activities	35 Activities	24 Activities	20 Activities

SOME OF THE MAJOR EVENTS CONDUCTED BY IIC RUAS RAMAIAH HACKATHON 2023

On September 13, 2023 the Internal Hackathon was organized with the primary objective of identifying and selecting teams that would represent RUAS in the prestigious Smart India Hackathon (SIH) 2023 competition. This event served as a catalyst for promoting innovation, teamwork, and problem-solving skills among our faculties and students, aligning them with the broader goal of preparing for the challenges presented in the SIH-2023. The hackathon provided a dynamic platform for participants to collaborate, brainstorm, and devise creative solutions to real-world problems. Teams engaged in intensive coding sessions, leveraging their diverse skill sets and expertise to address the challenges posed during the event. The emphasis was not only on technical proficiency but also on fostering a collaborative spirit and encouraging out-of-the-box thinking. Through the Internal Hackathon, participants honed their abilities to work under time constraints and pressure, simulating the competitive environment they would encounter in the SIH-2023.

The event not only identified teams with the potential to represent RUAS at a national level but also contributed to the overall development of participants by enhancing their problem-solving and innovation skills. By aligning with the goals of the Smart India Hackathon, RUAS demonstrated its commitment to nurturing a culture of innovation and preparing its academic community to excel in national-level competitions, fostering an environment that values creativity and collaborative problem-solving.

NATIONAL INNOVATION DAY BY INSTITUTIONS INNOVATION COUNCIL

RUAS celebrated a momentous RUAS Innovation Day 2023 on October 16th at A206, RTC, Peenya, within the esteemed premises of M S Ramaiah University of Applied Sciences in Bengaluru. The event, dedicated to commemorating the Birth Anniversary of Bharat Ratna, Dr. APJ Abdul Kalam, featured the Hon'ble Vice Chancellor of RUAS, Dr. Kuldeep Kumar Raina, PVC Research Dr. Govind R Kadambi, and Shri. Robert P, Deputy Director of the Mission Development Area at URSC, as the chief guest.

The day included engaging activities such as recognizing faculty, students, and accomplished alumni for their outstanding contributions in research, patents, competition victories, and startup initiatives. An inspiring address by successful alumnus Mr. Roopak Raj S, founder of "HUNGINEER (A Product Design Studio)," left a lasting impact.

Shri. Robert P delivered a captivating speech on "Dream to Hop on the Moon," exploring the challenges and innovations of the Chandrayaan 3 mission, fostering a passion for space exploration and scientific discovery.

The event showcased student projects and featured a spirited competition and debate with enthusiastic participation. The day concluded with a valedictory function, leaving attendees with a profound sense of accomplishment and renewed motivation. RUAS Innovation Day 2023 celebrated innovation, paid tribute to Dr. APJ Abdul Kalam's legacy, and inspired all present to pursue excellence and contribute to the world of science and innovation.

CELEBRATION OF NATIONAL LEVEL POSTER PRESENTATION

On November 6th, a nationwide Poster Presentation Competition focused on Artificial Intelligence (AI), Internet of Things (IoT), and Computer Vision (CV) in STEM Applications was held. The competition's goal was to unite creative minds in the realm of AI, IoT, and CV, providing a platform for participants to exhibit their research and demonstrate the practical application of these technologies across various STEM domains.

CELEBRATION OF RAMAIAH TECH FEST

Ramaiah Tech Fest, a vibrant celebration of technology and innovation, took place on November 24, 2023, at RTC, Peenya. This dynamic tech fest showcased a diverse array of events designed to engage and challenge participants. Among the highlights were a thrilling tech quiz that tested participants' knowledge in the latest technological trends, a captivating robo reach event that showcased the capabilities of robotics, an exciting bug bash competition challenging participants' debugging skills, and the intriguing capture through eyes event, where technology met creativity in visually capturing moments.

CELEBRATION OF RAMAIAH TECH FEST

Attendees had the opportunity to witness the convergence of creativity, technical expertise, and problem-solving skills. The tech fest not only served as a platform for learning and skill development but also as a forum for fostering a sense of community among technology enthusiasts. It brought together students, tech enthusiasts, and industry experts in a shared celebration of innovation and technological prowess. Ramaiah Tech Fest 2023 was a testament to the spirit of exploration and advancement in the world of technology.

CELEBRATION OF ENERGY CONSERVATION DAY 2023

Every year on December 14, National Energy Conservation Day is observed to showcase the nation's progress in energy conservation and efficiency. This day is a crucial platform for raising awareness about the importance of energy conservation and promoting the adoption of energy-efficient practices. On December 14 at 10:30 AM, the IIC and IEEE RUAS jointly celebrated National Energy Conservation Day in A206, RTC, Peenya. The event featured a significant guest lecture by Dr. Naganagouda, Director of the National Training Center for Solar Technology at KPCL, Karnataka, emphasizing key aspects of energy conservation. This lecture played a pivotal role in enriching the event and providing valuable insights into sustainable practices and advancements in the field of solar technology. The celebration was a testament to the commitment of both organizations to promoting awareness and fostering a culture of energy efficiency within the community.

PARTICIPATION IN THE IIC REGIONAL MEET IN BENGALURU

MSRUAS was actively engaged in the IIC Regional Meet in Bengaluru, Karnataka, on December 9, 2023, hosted at Reva University. Students from RUAS took center stage, presenting a diverse array of innovative projects during the regional event. Their contributions not only demonstrated the university's commitment to creativity and technological advancement but also added a dynamic and enriching element to the regional meet. The participation showcased the talent and ingenuity of RUAS students, making a noteworthy impact on the collaborative and inventive spirit of the event.

MS RAMAIAH TECHNOLOGY BUSINESS INCUBATION CENTER (MSRTBI)

STARTUP INCUBATION UPDATES

STARTUPS INCUBATED (MARCH 2024 - JUNE 2024)

- NAV Technologies & Services (Founder: Wg Cmdr. Sudeendra SN, CEO)
- Planetary Vimana Pvt. Ltd (Co-Founder: Parv Kumar Goyal)
- Raik Deftech (Co-Founder: Gourav Kumar Roy)
- Indo Kaihatsu Technologies Pvt. Ltd (Co-Founder: Dr. Sunil Y) (RIC21-06.08.2024-V1)

STARTUPS INCUBATED(DEC 2023 – FEB 2024)

- NANO FER PVT. LTD
- TARALAY
- VELECTRON LABS
- EMROOT TECHNOLOGIES PVT. LTD
- FPGA SENSING & FILTERING
- AIRIDERS
- HEXAPP PAINT PVT LTD
- AHAR TECH PVT LTD
- 3 ADDITIONAL STARTUPS AWAITING INCUBATION(RIC-18.03.2024-V1)

STARTUPS INCUBATED(DEC 2023 – FEB 2024)

- A3 Technologies Private Limited (IoT Electrical & Electronics System design and manufacturing)
- Chandran Sharma and Subramaniam Technology (Pre-Incubation)

STARTUP ACHIEVEMENTS:

- 3D Akruthi: 1st prize at Startup Pitch Contest, Sathya Sai Grama Muddenahalli.
- Printalytix: Reached finals at RAMAIAH Evolute(RIC19-28.11.2023).

COLLABORATIONS AND PARTNERSHIPS

- RUAS & Emvega Technologies: Joint proposal for the development of reserve batteries presented to the HPSC team. Awaiting further details on matching contributions, Spark Grant requirements, and estimated unit costs(RIC21-06.08.2024-V1).
- RUAS & Skilled Pvt. Ltd: Proposal for an AI-based chatbot for aviation maintenance submitted to the 12 BRD IAF, New Delhi(RIC20-18.03.2024-V1).
- PVK Tech-Solutions: Proposal for AR/VR product and services submitted to the 515 Army Base Workshop, Bangalore(RIC20-18.03.2024-V1).
- Dassault Systems Collaboration: RTBI's Startup Accelerator application approved; discussions and formal MOU exchange planned(RIC21-06.08.2024-V1).
- Ongoing Discussions: RTBI and Printalytix Collaboration: Revenue-sharing model proposed for 3D printing services with RTBI responsible for space, equipment, and utilities(RIC19-28.11.2023)

FINANCIAL PERFORMANCE

Revenue Generation from Rent		Proposed Phase-II Budget (2024)	
December 2023	INR 95,000	CAPEX	INR 725 Lakhs (GoK), INR 0 (HI)
January 2023	INR 80,000	OPEX	INR 300 Lakhs (GoK), INR 90 Lakhs (HI)
February 2024	INR 85,000	Infrastructure	INR 100 Lakhs (GoK), INR 0 (HI)
July 2023 – November 2023 Total	INR 425,000		
Grand Total for Reporting Period	INR 550,000 (RIC19-28.11.2023) (RIC20-18.02.2024-V1)	Total Proposed Budget	INR 1125 Lakhs (GoK), INR 90 Lakhs (HI) (RIC21-06.08.2024-V1).

ACTION PLANS AND STRATEGIC INITIATIVES

CURRENT ACTION PLAN

- Focus on generating more revenue from equipment usage and startup collaborations (RIC19-28.11.2023).
- Expansion plans supported by KITS GoK and RUAS are underway (RIC19-28.11.2023).
- Continuation and expansion of RTBI operations, with a request for funding support for infrastructure and space expansion (RIC20-18.03.2024-V1).

CENTER FOR ENTREPRENEURSHIP

SNIPPETS OF THE YEAR 2023-24

What began in 2022 as a bold vision during the US visit of Hon'ble Chancellor Dr. M.R. Jayaram and Chief Executive of Gokula Educational Foundation (M), Sri M.R. Sreenivasa Murthy, has evolved into the Center for Entrepreneurship (CFE). CFE is envisioned as a Center of Excellence and the pivotal hub for all things entrepreneurial at RUAS. CFE follows an integrated approach towards entrepreneurial education, research and practice-oriented initiatives.

Since 2023, CFE has led a unique program introducing entrepreneurial education to a multidisciplinary student body. The "Entrepreneurial Mindset and Action" course, launched across undergraduate programs, reached over 1,000 students in its first year. CFE also extends its efforts beyond campus through workshops, management development programs (MDP), faculty development programs (FDP), and partnerships.

RUAS has entered into a strategic partnership with Babson College USA, the leading institution for entrepreneurship education worldwide, to strengthen its offerings in entrepreneurship education and pedagogy. Hon'ble Chancellor Dr MR Jayaram along with Mr Aditya Srinivas Prasad, Advisor at RUAS, and President Stephen Spinelli of Babson College. Beyond educational endeavors, CFE has proactively engaged in research and ecosystem-building activities. Led by its Director, Prof. Sonali Gupta, CFE co-organized the International Confluence Conference on Startups and Innovation at IIT Madras in December 2023. RUAS also signed a Letter of Intent (LOI) with C-CAMP, the foremost bio and life sciences incubator in India. The center has expanded from a single-member operation, welcoming Dr Mueen Ahmed as faculty member and Mr Srinivasa V as Assistant Manager in April 2024.



Hon'ble Chancellor Dr MR Jayaram along with Mr Aditya Srinivas Prasad and President Stephen Spinelli of Babson College

GLIMPSES OF CFE ACTIVITIES - ACADEMIC ACTIVITIES

- Publication of research article: September 2023 - Research paper titled “Behind every Superman there is a Clark Kent: Discovering the Silent Strengths in the Entrepreneurial Journey” by Dr Sonali Gupta, was published in Prometheus: Critical Studies in Innovation, an ABDC 'B' & ABS '2' ranked journal. International Journal Publication
- Online Session co-hosted with IIT Madras: November 2023 - Insight sharing and interaction session for practitioner track registrants of “International Confluence Conference on Startups and Innovation”. Conducted online by Dr Sonali Gupta along with Prof Thillai Rajan of IIT Madras.
- Professional development workshop: at IIT Madras, December 2023 - Dr Sonali Gupta received the “Award of Excellence” for conducting a Professional Development Workshop on “Inside the Blackbox of business incubation: Crafting new Directions for research and policymaking” at IIT Madras.
- Master Session: At IIT Madras, December 2023 - At a by-invite only master session, Dr Sonali Gupta presented her research work in the field of entrepreneurship and public policy. Her research on nascent entrepreneurs is among the rare longitudinal, qualitative studies in the world that explores new venture creation from a policy perspective.
- Plenary Chair: At IIT Madras, December 2023 - The ICCSI conference Plenary session on “Action Under Uncertainty: Lessons from Expert Entrepreneurs” by Prof Saras Sarasvathy, the originator of theory of effectuation was chaired by Dr Sonali Gupta.
- Professional Development Workshop: At IIT Madras, December 2023 - Dr Sonali Gupta received the “Award of Excellence” for conducting a Professional Development Workshop on “Inside the Blackbox of business incubation: Crafting new Directions for research and policymaking” at IIT Madras.
- Master Session: At IIT Madras, December 2023 - At a by-invite only master session, Dr Sonali Gupta presented her research work in the field of entrepreneurship and public policy. Her research on nascent entrepreneurs is among the rare longitudinal, qualitative studies in the world that explores new venture creation from a policy perspective.



- Best Paper Award at “International Confluence Conference on Startups and Innovation” (ICCSI) at IIT Madras, December 2023 - Dr Sonali Gupta was honored with the Best Paper award for her research on Business Incubators, Accelerators and Innovation Ecosystems. The award was presented by Dr PTR Palanivel Thiagarajan, Hon'ble Minister of Information Technology and Digital Services of Tamil Nadu.



- International Symposium on Autoethnography and Narrative (ISAN) 2024: March 2024 - Dr Sonali Gupta, presented at the 2024 International Symposium on Autoethnography and Narrative (ISAN) held on March 1-3. ISAN is sponsored by the International Association of Autoethnography and Narrative Inquiry (IAANI). Dr Sonali's paper titled "Redefining Adventure: Navigating Gender Expectations as an Indian Woman Scuba Diver" was the only presenter from India at the symposium that had over 300 participants affiliated with more than 25 countries.
- Ecosystem Engagement - World Entrepreneurship Day was celebrated on August 21, 2023 with Madhuchandan, Founder & CEO of Organic Mandya as keynote speaker to interact with the students.



- The Startup Society – Entrepreneurship Club at RUAS - Under the aegis of CFE, the RUAS entrepreneurship club conducted several initiatives to engage and encourage students from across disciplines and infuse an entrepreneurial spirit. These include multiple editions of Startup Adda, a multidisciplinary session on "Inspire to Innovate", speaker events and Startup Fusion – the interfaculty contest of startup ideas.
- Entrepreneurship Development Program at GAIL in collaboration with IIT Madras - As an invited resource person at IIT Madras's entrepreneurship development program created exclusively for GAIL, Dr Sonali Gupta conducted a 2-day workshop on Entrepreneurship Development at GAIL (Gas Authority of India Limited). The workshop was held at GAIL headquarters in Pata, Uttar Pradesh.
- Featured as a Trailblazer By Shenomics - Dr Sonali Gupta has been featured as one of the 22 trailblazing women in Shenomics' e-book, "She Leads with an Authentic Brand", unveiled at the Conscious Woman Summit 2023. Her inclusion underscores her exceptional journey and contribution to creating a positive change in the world. Shenomics is the foremost platform for women leaders in India.

- Workshop on “YOUR IDEA, BRAND AND YOUR STORY” - To introduce students to entrepreneurial marketing skills CFE organized a workshop on “Your Idea, Brand and Your Story” on April 19, 2024. It was conducted by Tony V Francis, a media professional and Director Learning, Progressive Learning Adventures & You (PLAY). During the workshop, students discovered strategies for cultivating personal brand and effortlessly attract relevant audience on the basis of three strengths – deep knowledge, personality and visibility.



- Visit by Prof Jay Rao from Babson College - Prof Jay Rao from Babson college visited RUAS on April 24, 2024. During his visit he explored the campus, interacted with the faculty of Center for Entrepreneurship and met the RUAS leadership.



- Nikhil Gonsalves – Meet the Entrepreneur Building Indigenous Electric Bikes - CFE hosted a seminar at Ramaiah Technology Campus, Peenya, featuring Mr. Nikhil Gonsalves, the Founder and CEO of Ingo Electric. The seminar aimed to provide students with in-depth insights into entrepreneurship and the rapidly evolving electric vehicle industry.



ADVANCED LEARNING CENTRE

MS Ramaiah Advanced Learning Center established during early part of 2012 has under its banner multiple units , all set with the purpose of stimulating minds and encouraging Research and Training.

The units include, a state of art, one of its kind surgical skills lab, which is a part of the center's efforts towards supporting the education and training of students as well as qualified professionals. this cadaveric research and training unit has been developed with the intention to provide opportunity to learn in a “operation theater” like atmosphere and a 'near life' like specimen to work on. this center is open to individual surgeons , the industry for their implant validation programmes and their training workshops as well as other institutions and health centers to conduct training programmes for their students and staff . to facilitate the skill lab, the center also boasts of a technically well equipped multi media center which can accommodate around 100 people .this room is audio visually connected to not only the surgical skill lab but also to their operation theatres , enabling them to beam surgeries on to its screens. the multi media center also has videoconferencing facilities.

OBJECTIVE

“To deliver quality education & health care for the betterment of mankind”

- A state of the art facility initiated by the Gokula Education Foundation, Health sciences to provide opportunities for training & research
- The Facilities Include:
 - Cadaver surgery & research lab
 - Trauma Life support courses
 - Tissue bank
 - Multimedia Learning Center
 - Video-conferencing facility
 - Live transmission of Surgical procedures & seminars across the world
 - Basic & advanced Medical & Surgical skills training
 - Simulated learning with SimMan 3G , Lapmentor, Bronchommentor etc.

ABOUT THE CADAVER LAB:

This is a laboratory that uses human cadavers for hands-on training, education, and development of new surgical techniques. Cadaveric laboratories provide a real life like experience where medical professionals and students, alike, can advance their understanding of human anatomy and physiology in addition to enhancing their practical skills, by exploring and working on human specimens.

STATE OF THE ART TRAINING FACILITY:

The Ramaiah Advanced Learning centre (RALC) has almost 50,000sq. ft facility which can accommodate 16 stations with advanced operating rooms and latest surgical equipment and technology to simulate real working conditions. The advanced audio & visual facility enables our attendees to teleconference these events and collaborate with subject matter experts across the globe. This provides an optimal education environment for the participants and a fully immersed clinical experience. The Medical Skill labs as big as the surgical labs, provide hands on experience with variety of mannequins and simulators for Laparoscopy, Endoscopic & Arthroscopy procedures. It has simulators for Gastroenterology & Orthopaedics helping the clinicians to develop & improve their skill. The Dry Bone Lab also provides opportunities to work on Saw bone models for various fracture fixations.

ADVANCED LEARNING CENTRE

ENHANCING EDUCATION:

Theoretical knowledge can take you only so far when it comes to learning new surgical techniques or how to use certain medical devices. RALC is dedicated to providing students with the real hands-on experience they need to apply what they're learning in the courses. The end result is transforming doubts into certainties and applying this newly acquired knowledge in daily professional settings.

TRAINING OFFERED AT ALC:

- Medical Skill Training
- Surgical Skill Training
- Simulation Lab
- Partner Lab

CENTRE FOR NATIONAL SECURITY STUDIES (CNSS)

SUMMARIZED REPORT OF ACTIVITIES

- Centre for National Security Studies (CNSS), in collaboration with Department of Computer Science and Engineering – Faculty of Engineering and Technology, and Cyber Peace Foundation had conducted a Round Table Discussion on Digital Personal Data Protection Act, 2023 – Values and Challenges on 04.10.2023.
- CNSS and the Department of Computer Science and Engineering, in collaboration with Proaxis Solutions, had organised a seminar on Cybersecurity in Industry 4.0 on 18.10.2023. The seminar was conducted as a part of International Cybersecurity Awareness Month - October 2023.
- CNSS had hosted Hon'ble Sikyong Penpa Tsering, democratically elected leader of the Tibetan government-in-exile, on 8.02.2024. He addressed students and faculty members on India-Tibet Relations: Cultural and Geographical Insights.
- CNSS conducted Drone Training for officers at the Indian Army Service Corps Centre & College, Bengaluru on 12&13.02.2024.

CNSS SIGNED MOUS WITH INSTITUTIONS OF INTERNATIONAL AND NATIONAL REPUTE:

- Taiwan Centre for Security Studies, Taipei, on 21.02.2024,
- The Pathfinder Foundation, Sri Lanka, on 20.02.2024,
- The United Service Institution of India, New Delhi, on 20.02.2024,
- National Institute of Advanced Studies, Bengaluru, on 29.01.2024.

SUMMARIZED REPORT OF ACTIVITIES

- CNSS hosted Australian Consul General Hilary McGeachy on 27.03.2024. She interacted with students and faculty of RUAS on Emerging Geopolitical Situation in Indo-Pacific: Opportunities for India-Australia Cooperation.
- CNSS conducted a Round Table Conference on Strengthening India's Climate Resilience on 14.06.2024. The event was aimed at fostering dialogue and collaboration towards enhancing India's preparedness against climate changes.
- CNSS scholars have served as resource persons at several invited guest lectures including on Forensic Studies for Industry experts and on Defence Studies for Army officers.
- CNSS' Defence Technology Innovation Programme, in collaboration with Techno Centre, applied for ADITI Scheme (INR 25 Cr Grant) for CUBESAT DEPLOYER under the DISC 11 Challenge. CNSS collaborated with Valdel for AIR CREW BPJ Application (INR 1.5 Cr SPARK Grant), and with EMVGEE Technologies facilitated the application for problem statement of Reserve Batteries (INR 1.5 Cr SPARK Grant). The proposed solutions have been presented at the High Power Steering Committee meeting and are awaiting results from iDEX/DIO.
- CNSS, in collaboration with Techno Centre, has facilitated the proposal for Vehicle Management and Driver Health Monitoring System (06 X LRV) with EME Bn of Indian Armed Forces which is an I&RD Project. CNSS, in collaboration with Faculty of Engineering and Technology, has also taken up 5th Positive Indigenisation List to develop projects.

CENTRE FOR INFORMATION AND TECHNOLOGY MANAGEMENT (CITM)

PREAMBLE OF DIRECTORATE:

The Center for Information Technology and Management (CITM) at RUAS continues to play a pivotal role in shaping the future of the University's IT and management landscape. In this year's annual report, CITM reflects on the progress made in adopting innovation, knowledge sharing, and collaboration within the University. As technology continues to evolve at an unprecedented pace, CITM remained resilient, adapting to new demands with agility and foresight. Throughout the year, CITM has showcased groundbreaking solutions, and facilitated discussions that address the challenges and opportunities in the digital transformation journey. We are proud of the achievements and look forward to another year of growth and breakthroughs as we continue to influence the future of information technology and management.

HIGHLIGHTS AND ACHIEVEMENTS:

In the recent past, the CITM has contributed to the growth of the usage of ICT to achieve Improved learning efficiency, Simplified information sharing, reduce burden on teachers, increase student motivation, etc. A few achievements of CITM are:

- Digitization of Classrooms, Board Rooms, Meeting Rooms with advanced state-of-the art ICT technologies
- ICT facilities made available to students 24/7 for reference.

HIGHLIGHTS AND ACHIEVEMENTS:

- Installation of 86" / 75" / 65" interactive smart panels (48 Numbers till date) to replace projectors, computers, white boards, etc.
- Installation of Lecture Capture System (18 Numbers till date) in classrooms for improvement of teaching quality and student learning.
- 5G implementation: In-building mobile signal boosters installed in RTC and few buildings in GGC & expanding to all other buildings, which is FOC project carried out by telecom service providers.
- Implementation of Digital Signage systems at selected location in GGC and RTC.
- Planning and execution of Networking projects while establishment of "CFE", "Renovated Library at RTC", "CAC Building at RTC", "New Offices of DTSLD & CTLLL", etc.
- 50% coverage of Wi Fi connectivity in both the campuses at the first phase.
- With more than 500 CCTV cameras installed across university around 50% Surveillance coverage is achieved for the existing buildings, and planning for 100% in the next phase.
- Implementation of Centralized Library Software Automation across all Libraries and installation of RFID solution for selected Libraries at GGC and RTC to achieve a fully automated Library transaction process.
- 500 new High Configured Computers purchased to meet the requirements of Laboratories, new facilities, etc. along with 2 Powerful Servers.
- Around 400 Computers upgraded across university to enhance the performance and continued usage.
- Implementation of high-speed scanners to help the CoE in Digitizing the answer booklets for Digital Evaluation process.
- Launch of RUAS main, CNSS, and RMC newly designed Dynamic Websites with Modern Design, Improved Navigation, Mobile Optimized, Enhance Content.
- Upgradation of the existing PRI Telephone connectivity with the latest SIP technology that supports Voice over Internet at both the campuses.

CITM has contributed to the Service to Society activity of the university while adopting government schools, donation of IT resources, installation, configuration, training, etc.

A few activities of the same are given under:

Government Higher Primary School, Kendanahalli Village near Kaiwara	
Desktop Computers with Networking	5 Nos
65" 4K UHD Display Panel	2 Nos
Heavy Duty Printer	1 No,
Public Address System with 6 Speakers	1 Set
Gunnahalli Government School	
Desktop Computers with Networking	2 Nos
Anekal Thimmaiah Charitable Trust Balija Hostel	
Desktop Computers with Networking	20 Nos

DIRECTORATE ACTIVITIES

THE MAJOR ACTIVITIES OF THE MSRUAS CITM CENTRE:

- CITM Centre is responsible to fulfil the ICT needs of the University by evaluating, planning, coordinating, procurement, installation, and maintenance of ICT resources like Computers, Servers, Printers, Accessories, Software's, ERP, Networking Components, Communication Equipment, etc.
- To avoid misuse of the software assets, the CITM team will install and maintain the licensed software packages for all the faculties.
- CITM team will monitor and ensure that the users will use the resources in a responsible, ethical, and lawful manner, with limited use of personal.
- The CITM Centre to maintain Confidentiality, Integrity & Availability (CIA) of Students, faculties and University data.
- The CITM team identifies problems, if any, and implements strategic solutions in time for the smooth functioning of all the ICT systems.
- The CITM Centre will be responsible for allotment and management of storage spaces on high availability servers for the Faculty, Students and Staff of the university along with Microsoft OneDrive.
- CITM team will be responsible for creating, decommissioning, and management of email ids for all the staff and students, user management on the Microsoft cloud platform along with access to many other cloud-based applications, allotted to all the members of the university along with students.
- Periodic updates and upgrades of ICT resources like Hardware, Software, ERP, Antivirus, and Networking infrastructure
- Responsible for providing technical support by remote access, remote assistance, and site visits.
- Responsible for distribution and management of internet connectivity (5 ILLs with 4 Class A Service Providers) and usage, to the entire University with redundancy.
- To minimize risk associated with internet and email services, threats of unauthorized access, theft of information and malicious disruption of services, the CITM Centre has implemented Perimeter network security, by deploying Next Generation Firewalls (FortiGate) which are capable of handling internet traffic, intrusion detection, intrusion prevention, content filtering, application filtering, spam filtering, virus, and malware detection.
- CITM will support the university library in related works for accessing subscribed e-Journals, publications, e-contents, etc., with authorized logins.
- The Centre will be responsible for installation and maintenance of the ICT enabled classroom resources like Smart boards, LCS, Projectors, Computers, Sound systems, etc. which are made available in all classrooms of the university.
- Responsible for configuring, maintaining, and monitoring of voice and data communication in the University.
- Responsible for evaluation, planning, installation, and technical maintenance of Surveillance equipment (CCTV). Monitoring shall be done by respective building security / FMD staff.
- Responsible for consulting technology experts and adopt procedures, procurement, and use of ICT resources to be on par with the latest technology
- The CITM Centre has a dedicated team for maintenance of the University official website which is dynamically updated with the latest information
- Perform any other roles as per the ICT policy of the University which is duly approved by competent authority.

PHOTOGRAPHS



Launching of CNSS new Website by the Honourable Chief Executive Officer - 22.01.2024



Launching of RMC new Website by the Honourable Vice Chancellor - 28.06.2024



High Speed Scanner Facility at the Controller of Examination's Office (Scanning and digitization of answer booklets for digital evaluation)



New Digital Signage System at FPH



RFID Implementation at FET Library - Automation of Operation using RFID through centralized Library Software.



Donation of Computers, Printer, Display Pane, Audio System to Government Higher Primary School at Kendanahalli, near Kaiwara



Computers Donated at Anekal Thimmaiah Charitable Trust Balija Hostel



Interactive Smart Panel in Classrooms

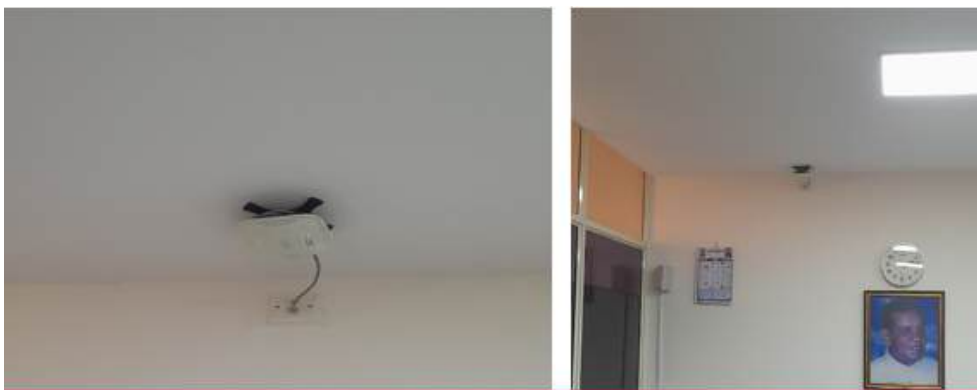


Lecture Capturing System in Classrooms

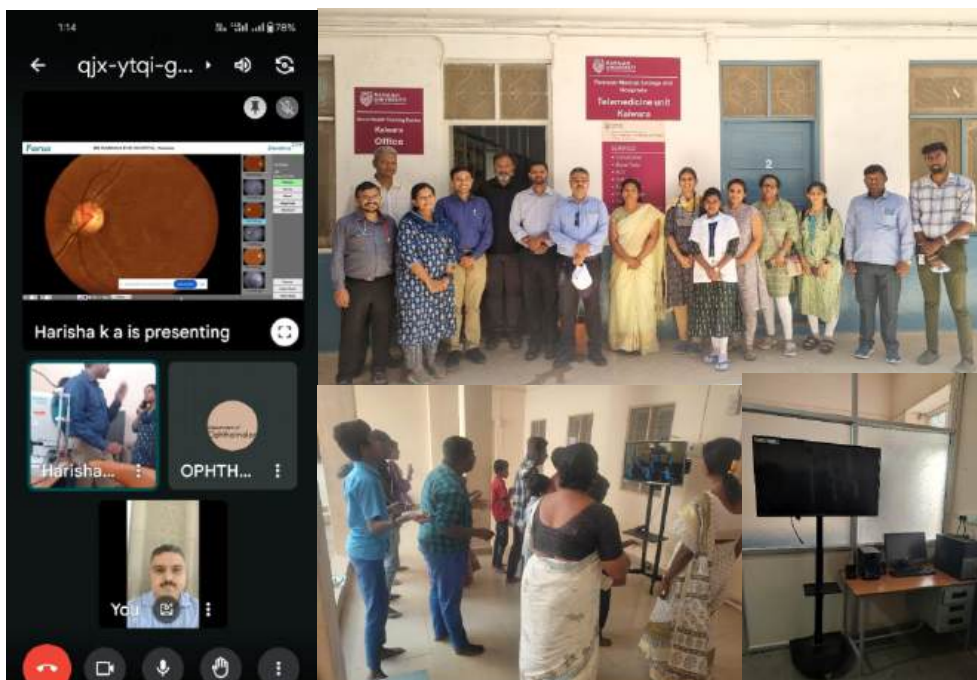
PHOTOGRAPHS



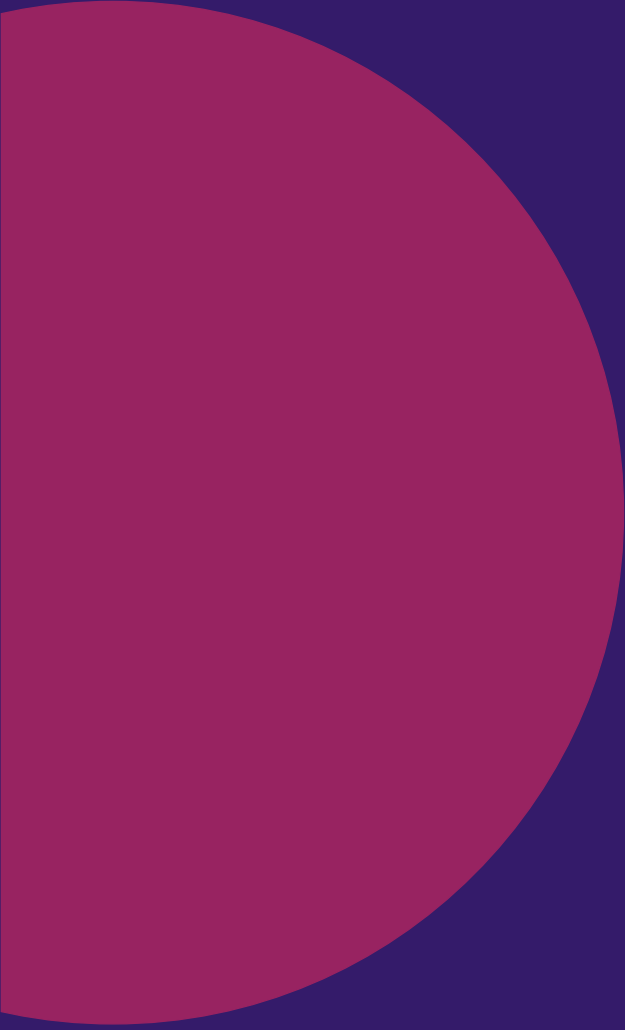
Sample footage image of Surveillance at RTC Boys Hostel and Monitoring System



Installation of Wi Fi Access Points at different locations



Supporting in setting up of Telemedicine facility at Kaiwara (RMC to Kaiwara)



..... RUAS

ANNEXURES

ANNUAL REPORT | 23
24

BOARD OF GOVERNORS

SL.NO	NAME	DESIGNATION	MEMBERSHIP
1	Dr. M. R. Jayaram	Chancellor	Chairman
2	Mr. M. R. Kodandaram	Nominated Member, Sponsoring Body	Member
3	Mrs. M. R. Prabhavathy	Nominated Member, Sponsoring Body	Member
4	Mr. M. R. Sreenivasa Murthy	Nominated Member, Sponsoring Body	Member
5	Dr. A. Sivathanu Pillai	Appointed Member by Chancellor under Academician Category	Member
6	Dr. K. R. S. Murthy	Appointed Member by Chancellor under Academician Category	Member
7	Principal Secretary, Higher Education, GoK	Appointed Member , GoK	Member
8	Principal Secretary, Medical Education, GoK	Appointed Member , GoK	Member
9	Vacant	Appointed Member , GoK	Member
10	Dr. Kuldeep Kumar Raina	Vice - Chancellor	Ex- Officio Member
11	Dr. Govind R. Kadambi	Pro Vice - Chancellor	Ex- Officio Member Non Voting Member
12	Dr. Om Prakash Kharbanda	Pro Vice - Chancellor	Ex- Officio Member Non Voting Member
13	Dr. G. S. Venkatesh	Registrar	Ex- Officio Member Non Voting Member
Special Invitees			
1	Dr. R. Natarajan	Former Director, IIT Madras/ Former Chairman AICTE , New Delhi	Special Invitees
2	Dr. P. N. Razdan	Principal Advisor Quality Assurance & Excellence Cell - GEF	Special Invitees

BOARD OF MANAGEMENT

SL.NO	DESIGNATION	NAME	MEMBERSHIP
1	Vice Chancellor	Prof. Kuldeep Kumar Raina	Chairperson
2	Nominee of Sponsoring Body	Mr. M. R. Sreenivasa Murthy, CE, GEF(M)	Member
3	Nominee of Sponsoring Body	Mr. B. N. Subramanya, Adviser, GEF(M)	Member
4	Pro Vice Chancellor-1	Dr. Om Prakash Kharbanda, PVC, HS	Member
5	Pro Vice Chancellor-2	Dr. Govind R. Kadambi, PVC-Research	Member
6	Dean - RMC	Dr. Shalini Nooyi, Dean, RMC	Member
7	Dean - FET/FAD/FMPS	Dr. Jagannath Rao Desai, Dean - FET/FAD/FMPS	Member
8	Registrar	Dr. G. S. Venkatesh, Registrar, RUAS	Member Secretary
Special Invitees			
9	Dr. P. N. Razdan	Principal Advisor Quality Assurance & Excellence Cell - GEF	
10	Mr. Venugopala Sastry	Chief Financial Officer, GEF(M)	
11	Mr. Udayakumar Shetty	Finance Head	

ACADEMIC COUNCIL MEMBERS

SL.NO	NAME	DESIGNATION
1	Prof. Kuldeep Kumar Raina	Vice Chancellor
2	Prof. Govind R. Kadambi	Pro Vice Chancellor
3	Dr. Om Prakash Kharbanda	Pro Vice Chancellor (Health Sciences)
4	Dr. G S Venkatesh	Registrar
5	Dr. Medha Y Rao	Dean Academic Affairs
6	Prof. Krishnamurthy Jayanna	Dean- FLAHS
7	Prof. Bharath S	Dean - FPH
8	Dr. Shalini Nooyi	Dean & Principal RMC
9	Dr. Savita Ravindra	Dean- College of Physiotherapy
10	Dr. Sonali Jadhav	Dean- RINER
11	Dr. Silju Mathew	Dean - FDS
12	Prof. Abby Mathew	Dean - FHMCT
13	Dr. Soma Chaki	Associate Dean- Academic Affairs
14	Mr. Venugopala Sastry	CFO
15	Dr. Anitha Ramalingam	COE
16	Mr. Ravichandra S	Chief Librarian
17	Dr S. Chandankumar	HoD - Department of Mathematics and Statistics
18	Dr. Premakumar H B	HoD - Physics
19	Dr. K M Sharath Kumar	HoD - Dept. of Management & Commerce
20	Dr. B S Dayananda	HoD - Mechanical Engineering
21	Dr. Nayana N. Patil	Professor and Head

ACADEMIC COUNCIL MEMBERS

SL.NO	NAME	DESIGNATION
22	Dr. Rinki Sharma	Professor and Head
23	Dr. M. Rajadurai	Associate Professor and Head
24	Dr. Sandhya Sankaran	Associate Professor and Head
25	Dr. T. Niranjana Prabhu	Associate Dean- Research
26	Dr. B S Nanda Kumar	Associate Dean- Research
27	Mr. Lohit H S	HoD - Industrial Design
28	Dr. S. Malathi	Professor and Head
29	Dr. M. Sivapragasam	Professor and Head
30	Dr. Hemanth T	Director-Admission
31	Dr. Gurucharan Gollerkeri	Director- School of Social Science
32	Dr. Anbalagan Heroji	Director- Training & Placement
33	Mr. Jyothi Shankar	Director-DTSLD
34	Dr. Vibha Shetty	Director-DTLL
35	Ms. Priya Arjun	Assistant Director-Students Affairs
36	Mr. Angadi Virupakshappa	Director- ICT
37	Dr. Sonali Gupta	Director- Centre for Entrepreneurship
38	Dr. Sanjay C Desai	Director- ALC
39	Major General Prasad	RPCC- Director
40	Dr. Nayanjeet Choudhury	Director- RICPHI
41	Mr. S. Parameshwar	Chief - Quality Control
42	Dr. Aruna L	HoD, SoL

ACADEMIC COUNCIL MEMBERS

EXTERNAL MEMBERS		
SL.NO	NAME	DESIGNATION
43	Dr. U Sudhir	Medical Director, Chinmaya Mission Hospital, Bangalore
44	Dr. B Srinivas Pai	Professor & HoD, SDM College of Medical Sciences & Hospital
45	Dr. V K Bansal	Head Unit- Laparoscopic Surgery Dept. of Surgical Discipline and Former Associate Dean, AIIMS, New Delhi
46	Dr. Raju K Parasher	Director/Principal, Amar Jyothi Institute of Physiotherapy, New Delhi
47	Dr. Deepak Kumar Capri	Director & Sr. Consultant Manipulative Physiotherapist, Capri Institute of Manual Therapy, Delhi,
48	Dr. Anice George	Professor & Former Dean, Manipal College of Nursing, MAHE
49	Prof. Deepak Kumar Saini	Professor, Department of Developmental Biology and Genetics, Division of Biological Sciences & Centre for Biosystems Science and Engineering Division of Interdisciplinary Research IISC, Bangalore
50	Prof. R. Rajesh Shenoy	Director, Padmashree Group of Institutions, Bangalore
51	Dr. Vidyalakshmi Rajagopal	Professor & Head, National Institute of Food Technology, Entrepreneurship and Management, Thanjavur
52	Dr B.S. Jayashree	Professor, Manipal Academy of Higher Education, Manipal College of Pharmaceutical Sciences, Manipal
53	Ms. Akshta Suri	Head Training and Development, The Leela Palace Bengaluru
54	Prof. Balaji Krishnan	Vice-Provost, Global Initiatives, Professor, Department of Marketing & Supply Chain Management in the Fogelman College of Business & Economics at The University of Memphis.
55	Prof. Kirankumar Momaya	Professor, 214, Shailesh J. Mehta School of Management, I.I.T. Bombay, Powai, Mumbai
56	Dr.B.J.Gireesha	Professor, Kuvempu University, Jnana Sahyadri-577 451,SHIMOGA.
57	Dr. Ramesh Chandra Malik	Thermoelectric Materials and Device Laboratory, Department of Physics, Indian Institute of Science.

ACADEMIC COUNCIL MEMBERS

EXTERNAL MEMBERS		
SL.NO	NAME	DESIGNATION
58	Prof. Govindraju T	Professor, Dept. of Chemistry, JNC SAR, Bangalore
59	Dr. Mamata Rao	Dean, National Institute of Design, Bengaluru
60	Dr. Yashoda Kumari	Professor and Chair Person, Knitwear Design, NIFT, Bangalore
61	Dr. N Balakrishnan	Professor, Department of Aerospace Engineering, IISC, Bangalore
62	Dr. C M Manjunatha	Head, Structural Integrity Division, CSIR-NAL
63	Dr. K. Mohanavelu	Scientist "F". DEBEL, DRDO, Bangalore
64	Mr. G.N. Velkumar	Qualcomm Pvt. Ltd., Bangalore
65	Prof. Govindarajan Ramaswamy	Professor, Department of Computer Science, Indian Institute of Sciences, Bangalore
66	Prof. Manish Thakur	Professor of Sociology B 308, IIM Calcutta, Joka, Kolkata
67	Prof. Ashok Patil	Professor of Law National Law School of India University, Bangalore
68	Dr. Ajoy Roychoudhury	HoD, Oral & Maxillofacial Surgery AIIMS, New Delhi
69	Dr. D. Gopalakrishnan	Dean, Professor & Head (Chair) – Department of Periodontology, Dr. D.Y. Patil Dental College & Hospital, Pimpri, Pune

RESEARCH AND INNOVATION COUNCIL MEMBERS

INTERNAL MEMBERS		
SL.NO	NAME	DESIGNATION
1	Prof. Kuldeep Kumar Raina	Vice Chancellor and Chairman
2	Dr. Dheepa Srinivasan	Dean, Office of Research and Innovation, Member Secretary
3	Prof. Govind R. Kadambi	Pro- Vice Chancellor(Research)
4	Prof. Om Prakash Kharbanda	Pro Vice Chancellor(Health Sciences)
5	Dr. G. S. Venkatesh	Registrar
6	Dr. Medha Rao	Dean - Academics
7	Dr. A G Prathab	COE
8	Dr. Shalini Nooyi	Professor , Principal and Dean – Ramaiah Medical College
9	Prof. S. Bharath	Dean – Faculty of Pharmacy.
10	Dr. Savita Ravindra	Professor and Head - Physiotherapy
11	Dr. Sonali Jadav	Dean - RINER
12	Dr. Silju Mathew	Dean, Faculty of Dental Sciences
13	Prof. Abby Mathew	Dean – Faculty of Hospitality Management and Catering Technology
14	Dr. K. M. Sharath Kumar	Professor and Head – FMC
15	Dr. B. S. Nanda Kumar	Associate Dean, Research
16	Dr. T Niranjana Prabhu	Associate Dean, Research
EXTERNAL MEMBERS		
17	Dr. Smita Srinivas	Founder/Director C Lab
18	Dr. T M Kotresh	Director - Defense Bioengineering and Electro Medical Laboratory (DEBEL), DRDO
19	Dr. Ajay D Pillay	Scientist E

RESEARCH AND INNOVATION MEMBERS

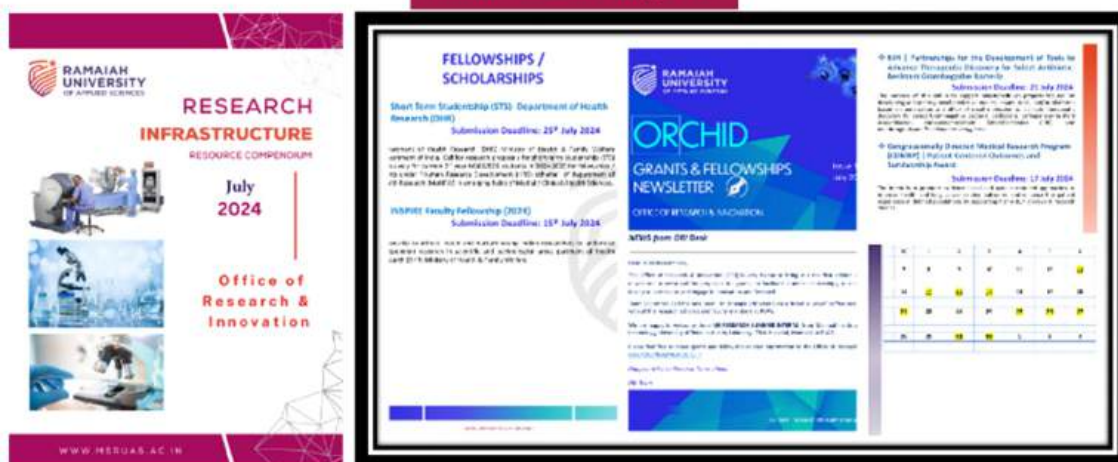
EXTERNAL MEMBERS		
SL.NO	NAME	DESIGNATION
20	Dr. Prem K. Mony	Professor, Epidemiology and Vice Dean, St. Johns Research Institute.
21	Dr. Anita Mahadevan	Prof.& Head NIMHANS
22	Dr. S. Asokan	Professor and Chairman, Department of Instrumentation and Applied Physics, IISc.
23	Dr. Bontha Babu	Scientist-G & Head, Indian Council of Medical Research, New Delhi
24	Dr. M Girish Chandra	Senior Research Scientist TCS Innovation Lab
25	Dr. Praveen Birur	Vice Principal, Head KLE Dental Science
OTHER INVITEES		
26	All HoDs/Research Coordinators/ Doctoral Coordinators	
27	Mr. Uday Shetty	Head- Finance and Accounts, RUAS.
28	Dr. Mumtaj	Director IQAC
29	Dr. C K Amudha	Asst. Registrar
30	Mr. Narasimha Reddy	RTBI
31	Dr. Kiran Kumar	IIC
32	Mr. Parikshit	Techno Centre- RUAS

FINANCE COMMITTEE

SL.NO	DESIGNATION	NAME	MEMBERSHIP
1	Chancellor or his Nominee	Mr. M. R. Sreenivasa Murthy, CE, GEF(M)	Chairperson
2	Vice Chancellor	Prof. Kuldeep Kumar Raina, VC, RUAS	Member
3	Nominee of Sponsoring Body	Mr. Venugopala Sastry, CFO, GEF(M)	Member
4	Nominee of Sponsoring Body	Mr. B. N. Subramanya, Adviser, GEF(M)	Member
5	Registrar	Dr. G. S. Venkatesh, Registrar, RUAS	Member
6	Finance Officer	Mr. Udayakumar Shetty, Finance Head, RUAS	Member Secretary

ANNEXURES

Initiatives: June - July 2024



KEY ACTIVITIES- GLIMPSES

A rhythm of activities has kept the Research Office Clock ticking speedily every week and month of the year, disseminating research areas, organizing seminars, offering courses for the scholars such as Research Methodology and Research Ethics, a workshop to un-learn and learn, casual ignition of research ideas over coffee, Research Scholars Symposium, *Shodh*, courses to upgrade knowledge, industrial exposure, and many more. It also serves as a central office to enable quick connectivity between research facilities and facilitates knowledge sharing sessions. Technology transfer initiatives have been evaluated showcasing the research capabilities, and encouraging internships and fellowships to enhance research processes. Annexure 2 shares glimpses of the various activities that enable an integrated multi-disciplinary interaction amongst the researchers.

ANNEXURE 2

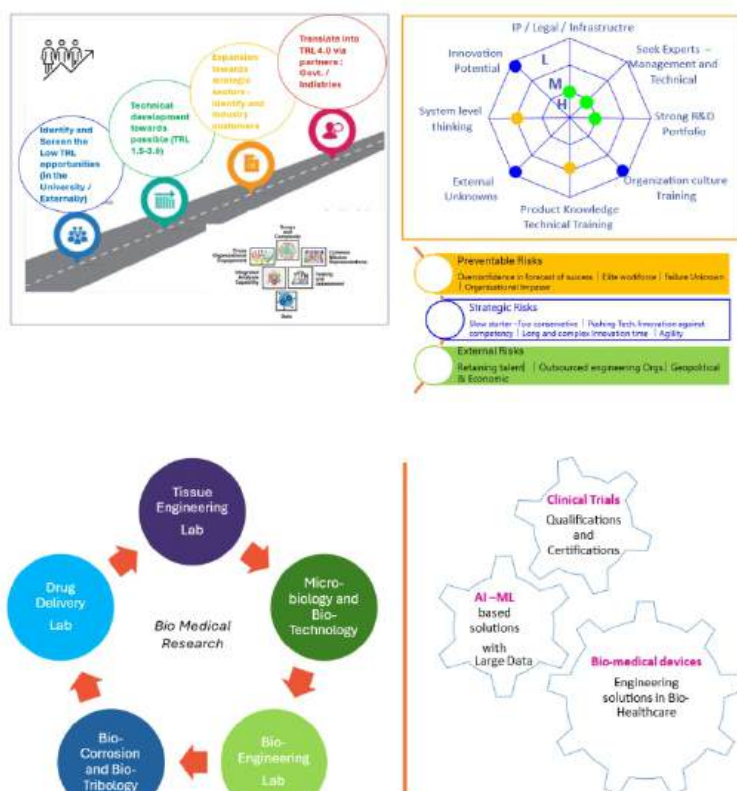




Initiatives: July - Dec 2023

RESEARCH STRATEGY AND ROAD MAP

A road map was developed for the immediate (1 year), intern (3 years), and long term (5 years), with emphasis on translational research in the Bio-medical and Bio-Sciences areas, keeping in mind the overriding need for indigenous development. This was particularly chosen keeping the strong legacy of medical and clinical capabilities that RUAS can be seen to have as a national leader. Below Figures illustrate the proposed road map to inculcate a culture of active research. Towards this goal, research infrastructure will be created, both in terms of central facilities (Central Research Laboratories), organically as well as via external grants, to equip and channel the resources (faculty and scholars) to carry out research seamlessly. The overall goal is to at least double the PhD intake, to be able to recruit post-doctoral fellows, to have the scholars and faculty participate in engaging research initiatives, and to be seen as a go-to place for carrying out research and innovation that will have a far-reaching technological impact.



ANNUAL REPORT COMMITTEE

SL.NO	NAME	FACULTY/SCHOOL/DIRECTORATE
1	Dr. Pushpanjali	Dental Sciences
2	Dr. Murugesh	Mechanical Engineering, FET
3	Dr. Kiran Kumar	Electrical Engineering, FET
4	Mr. Goutham	Fashion Design, FAD
5	Mr. Dileepa	Industrial Design, FAD
6	Dr. Priyanka K P	Physics, FNS
7	Dr. Radhika	Medical College
8	Dr. Radha	Nursing
9	Ms. Sandhya Anil Kumar	Hospitality and Catering Technology
10	Dr. Maheshwari	Pharmacy
11	Dr. Bhavya	Dental Sciences
12	Ms. Simi	Management and Commerce
13	Dr. Aileen	Life and Allied Sciences
14	Dr. Aradhana	Social Sciences
15	Ms. Tasnim Jahan	Law
16	Ms. Farhat Begum	Transferable Skills and Leadership Development
17	Mr. Shri Kishan	Student Affairs
18	Mr. Pavan S Yadav	Registrar Office

The background of the slide features a large, stylized logo for MSRUAS. It consists of a solid magenta circle on the left, partially overlapping a series of concentric, semi-transparent purple arcs that form a larger circular shape on the right. The text is positioned in the lower-left area of the slide.

WWW. MSRUAS.AC.IN

MEDICAL, ENGINEERING AND TECHNOLOGY, DENTAL SCIENCES, PHARMACY,
ART AND DESIGN, NATURAL SCIENCES, MANAGEMENT AND COMMERCE,
HOTEL MANAGEMENT, SOCIAL SCIENCES, NURSING, LAW, PHYSIOTHERAPY
LIFE AND ALLIED SCIENCES