



# **IMPACT ANALYSIS REPORT**

## **(2022-23)**

**Prepared By IQAC**



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### Impact Analysis in the Teaching – Learning process

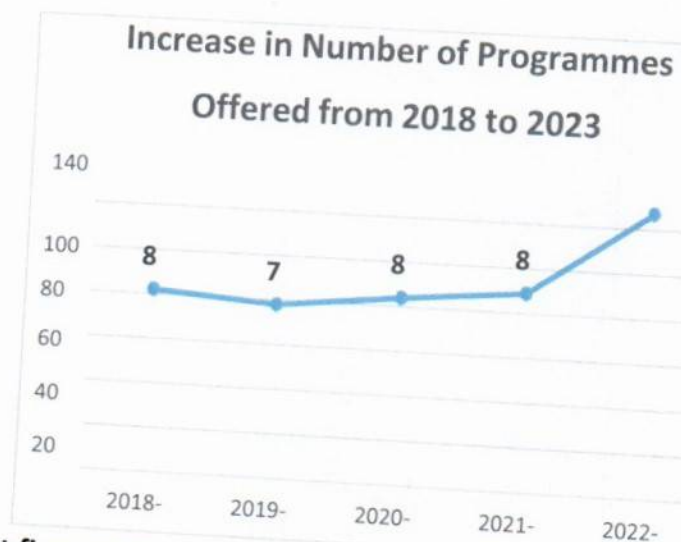
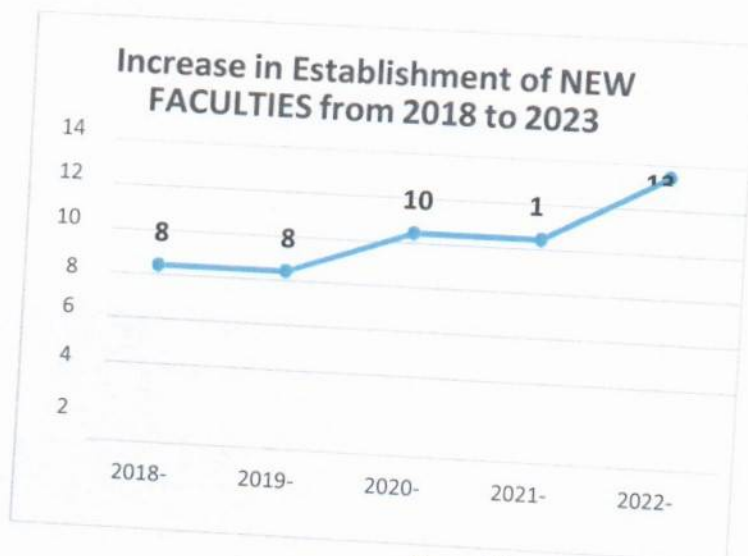
- ❖ Introduction of fellowship courses for MBBS students at Ramaiah Medical College. NMC approved the fellowships as proposed by RMC. The eligibility and topics offered are formulated
- ❖ Inclusion of Engineering Economics for Aerospace Engineering and Automotive Engineering. The PS and CS for the same has been designed and approval got from ACM, BOM.
- ❖ Centre for Professional Development and training has been started to facilitate development of various professional activities for faculty and staff. The Center is established for the conduction of Faculty development programs and workshops that benefits the teaching and non-teaching staff at RUAS.
- ❖ Establishment of Language labs. Language labs teach communication skills to all students irrespective of their professional training. Introduction of Yoga and Sports courses as value-based courses. Curriculum for both the courses and the sessions have started.
- ❖ Implementation status of NEP-conduction of FDP programs and training sessions on various components of NEP. Faculty members are trained on various components of NEP, to implement in every aspect of academics. NEP implementation undertaken for all the B. Tech. programs from 2023-24. The NEP pattern curriculum for all the courses in B. tech. programs are being designed.
- ❖ Introduction of a policy for change of branch from one program to another. A committee has been constituted to look in to and frame a policy for change of branch from one program to another.
- ❖ Introduction of Digital Valuation. The examination department implemented digital valuation in association with Logisys.
- ❖ NPTEL/ MOOC/ SWAYAM courses of various faculties. The various NPTEL/ MOOC/ SWAYAM courses are offered to the students. A faculty coordinator has been identified from each faculty to coordinate the student activities related to online courses.
- ❖ Fellowship in Onco-Pharmacy by RMC and FPH. The program duration, intake, stipend offered etc., has been defined.
- ❖ Forensic Odontology, Micro Restorative and Micro endodontic, and Special care dentistry courses are introduced. The course curriculum and other details of the courses have been defined.

  
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- ❖ Commencement of B. Voc., Post Graduate certificate, post graduate diploma programs in the university. The course curriculum and other details of the courses have been defined.



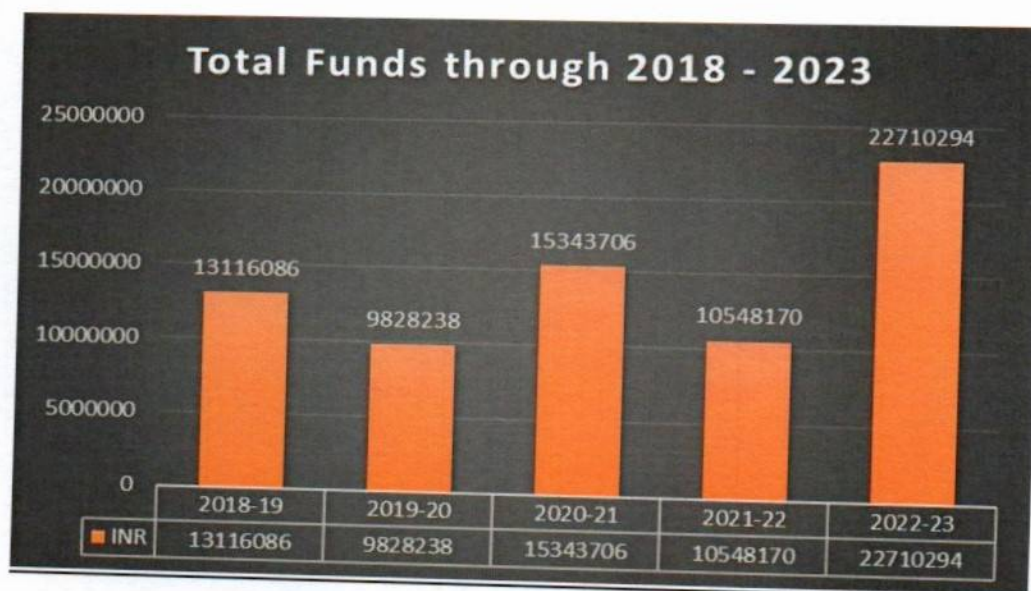
Overall overview from past five years

### Impact Analysis in Research Outcomes

- ❖ MSRUAS embraces research and Innovation eco-system through four verticals namely: Academics, Research, Training and Life Long Learning, Consultancy.
- ❖ External grants are sponsored from Karnataka State Council for Science and Technology (KSTSC), The Indian Council of Medical Research (ICMR), The Vision Group On Science and Technology (VGST), Science and Engineering Research Board (SERB), World Bank, Dept of handloom Textiles, GoK, DRDO and many other notable agencies.
- ❖ There is a gradual rise in the amount of external fund received for research

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**Overall overview from past five years**

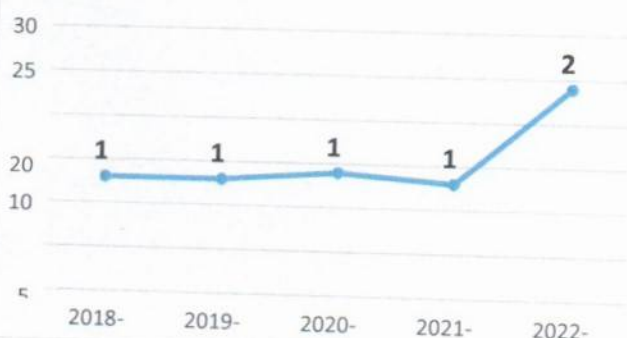
- ❖ As a comprehensive and multi - disciplinary of 13 faculties, the University have identified focused thrust areas under health Science, Engineering sciences and Social Sciences.
- ❖ Training and capacity building programs are conducted focusing on enhancing the research skills. These workshops cover topics like grant writing, BMJ publication procedures, JMP software training, fundamental statistics applications and all aimed improving research knowledge and proposal writing capabilities.

Details	Numbers
H-Index of the institute	40
No. of Research Publications Scopus Indexed Journals	550
No. of Research Publications in Web of Science	350
Total of all publications	750
No. of patents applied	25
No. of patents granted	20
Average Impact Factor	3
No. of Research projects from Government and Non-Government agencies	25
Project Funds received	200 Lakhs
Grants(funds) received from Consultancy	85 Lakhs
No. of PhD awarded	15

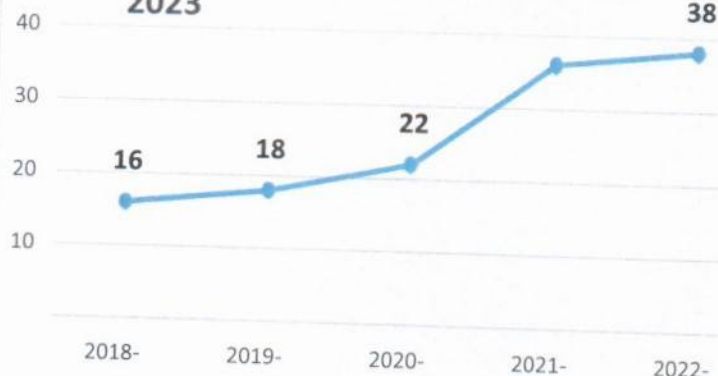
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National and International Conferences/Seminars conducted	150
MoUs	15

**Increase in No. of Research Projects from Govt. / Non Govt. agencies from 2018 to 2023**

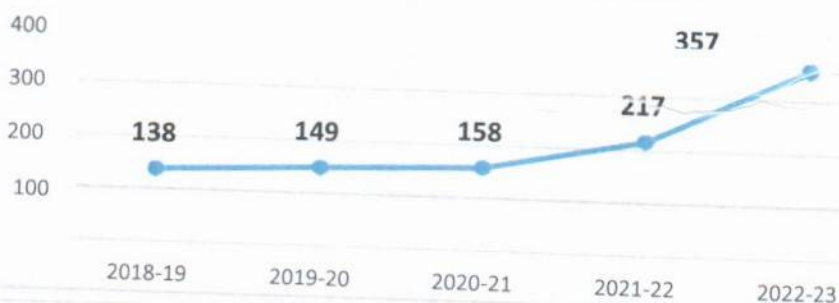


**Increase in H-Index from 2018 to 2023**

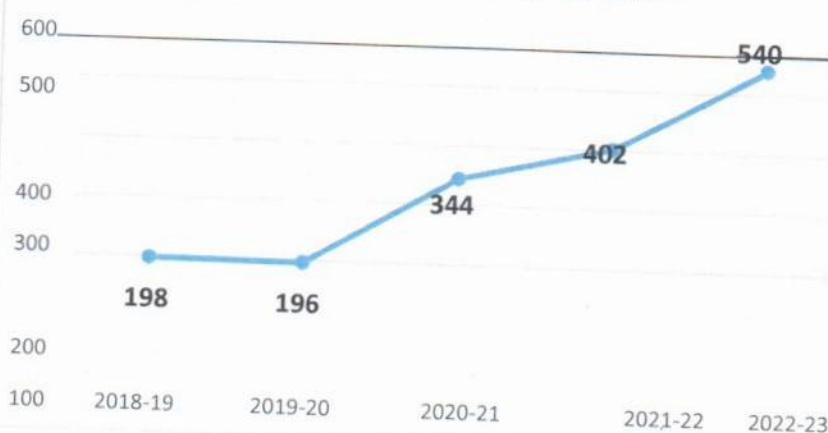


**Overall overview from past five years**

**Increase in No. of Web of Science Indexed publications from 2018 to 2023**



**Increase in No. of Scopus Indexed publications from 2018 to 2023**



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### **Impact Analysis in Infrastructure (ICT and Learning Resources)**

- ❖ To offer One-click, desktop, laptop, or mobile friendly portal to access the entire range of e-services offered by the University any-time, any-place. Promotes transparency and accountability in its services to all the stakeholders.
- ❖ Adoption of emerging digital technologies in enhancing the process of teaching and learning.
- ❖ For effective implementation and operation of the e-Governance systems, provision made for key ICT infrastructure. University Data Centre: The e-Governance modules/services shall be hosted and delivered from the University Data Centre (UDC). Adequate ICT facilities, as necessary are provided.
- ❖ Campus - wide Local Area Network (LAN): All faculties on both the campuses are provided with a robust LAN connectivity in the University campuses.
- ❖ The LAN should be provided with the high-bandwidth connectivity within the campuses and be scalable as necessary to meet the future requirements.
- ❖ High speed internet connectivity with the appropriate backup/redundant connections with proper security features should be provided across the campuses for an uninterrupted connectivity
- ❖ MSRUAS will put in place the necessary 'Cloud Infrastructure' including cloud services/ resources to enable speedy, efficient, cost-effective deployment, scaling-up and sharing of Information Technology resources to the users.
- ❖ Renovation of DIC for Faculty of Pharmacy. Creation of 1 Training room, 1 Faculty Room, 1 Discussion room, 1 Computer room.
- ❖ Construction of New Hostel block at Ramaiah Technology Campus. Creation of 236 capacity rooms. Construction of New sewage treatment plant at Ramaiah Technology Campus. Renovation of Cafeteria at Ramaiah Technology Campus.
- ❖ Created Infrastructure for Lecture Capturing System LCS and effective usage of the same. E-service, ERP Juno all modules are implemented.

  
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## Impact Analysis in Student Support Systems

- ❖ A student while pursuing his/her education in the University requires various facilities and opportunities to stimulate the emotional and aesthetic wellbeing and to kindle the intellectual and cognitive development. With this noble objective, Ramaiah University of Applied Sciences created Directorate of Student Affairs (DSA) to facilitate and assist students' diverse needs by providing innovative extra-curricular experiences that augment well-being, nurture life and academic skill development, create responsibility and cultivate leadership competence.
- ❖ MSRUAS provide services and programs to develop the professional skills and to create an exciting learning community where a student can grow and succeed.
- ❖ Inter faculty competitions for students in basketball, volleyball, football, cricket for boys, throw ball for girls and shuttle badminton for both boys and girls, chess and caroms were held.
- ❖ The mandatory Service to Society for 2nd year UG and 1st year PG students was undertaken after a gap of 2 years because of the pandemic. 42 teams consisting of an average of 35 students per team and one faculty coordinator undertook social service activities. The total number of students involved in the various activities was around 1400.
- ❖ Activities ranged from visiting old age homes, orphanages, shelter homes, women's ashram, school for special needs children to make a difference in their lives for one day at least by entertaining them, lending an ear to their tales of struggles and tragedies and to donate some basic needs like groceries, clothing etc, visiting government schools to create awareness on importance of higher education, various opportunities available in different fields, donating stationery items to the students, organizing health and dental camps, distribution of hygiene kits in rural areas, cleaning of public places and painting of parks, tree plantation, creating awareness on environmental issues like ill effects of use of plastics, waste segregation and personal hygiene to general public
- ❖ Rotafest - It was a chance for Rotaractors of all ages to make the best use of the platform and showcase their talents and create wonderful memories.
- ❖ The Director of International Services for Rotaract MSRUAS, a student belonging to the Department of Food Technology, collaborated with the Rotaract Club of Boston to orchestrate a captivating virtual cultural exchange event, Culture Connect. The program was thoughtfully designed to expose members from both clubs, as well as outside participants, to the idiosyncrasies of each other's countries or regions in terms of their culture, history, and traditions.

  
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❖ In addition to this extra-curricular activities is been carried out throughout the year:

- Deeksharambha – Induction Program
- Orientation Sessions
- Open House
- AKAIRA – Annual Fest
- TEDxRUAS
- Cyber crimes
- Workshop on Gender Equality
- Cultural programs
- Sports Activities
- NSS Events
- Service to Society
- Rotary Activities
- Alumni Speaks

### **Impact Analysis of IQAC**

- ❖ MSRUAS – IQAC has well-structured feedback mechanism for teaching and learning process from all stakeholders. Feedback collection is done through online.
- ❖ Feedback process ongoing for Curriculum Design, Exit Feedback, Course Delivery feedback and Alumni feedback from Students and Faculty Feedback for the curriculum improvements is submitted to Board of Management.
- ❖ Through the feedback process MSRUAS is able to accomplish in introducing of new value added course and skill based training.
- ❖ A proctor is allocated with 20 students. Mentor-Mentee system is ongoing using the RUAS ERP portal for Mentor-Mentee allocation, scheduling meetings, generate Minutes of Meetings and Action Taken reports.

### **Impact Analysis in Accreditation and Rankings**

- ❖ AICTE Extension of Approval for the year 2023-24 received for Engineering, Management(MBA) and Hotel Management
- ❖ Pharmacy Council of India (PCI) approval for academic year 2023-24 received.
- ❖ NMC approval for MBBS received. NBA recognition for BHM Programme

  
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- ❖ GOs of all running programmes from Higher Education Department, GoK and KSHEC received
- ❖ NIRF Ranking 2023: Dental 14th Rank, Medical 43rd Rank and Pharmacy 65th Rank
- ❖ ARIIA 2022(NIRF Innovation): RUAS Placed in 150 to 300 Band out of 1417 entries. AISHE Data upload for the year 2022-23 completed
- ❖ NBA Draft Self-Assessment-Report in progress for B. Pharm and completed two reviews from leadership team for further improvement and filling of gaps.
- ❖ QS I-Gauge awarded M S Ramaiah University of Applied Sciences with GOLD rating valid till Aug' 2024.
- ❖ Ramaiah Medical College is awarded with NAAC A++ Grade.

  
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