

## Research Insights @ RUAS

Office of Research and Innovation



October 2025  
Issue 6

| PATENTS                         |    |
|---------------------------------|----|
| JAN-OCT                         |    |
| Filed                           | 19 |
| Published                       | 3  |
| Granted                         | 12 |
| *Courtesy: OMS patents database |    |

| PUBLICATIONS              |       |
|---------------------------|-------|
| JAN-OCT                   |       |
| Total across all indexes  | 653   |
| Scopus                    | 337   |
| Google Scholar            | 515   |
| Citations                 | 40132 |
| h-index                   | 68    |
| * Researgence 2.0 reports |       |

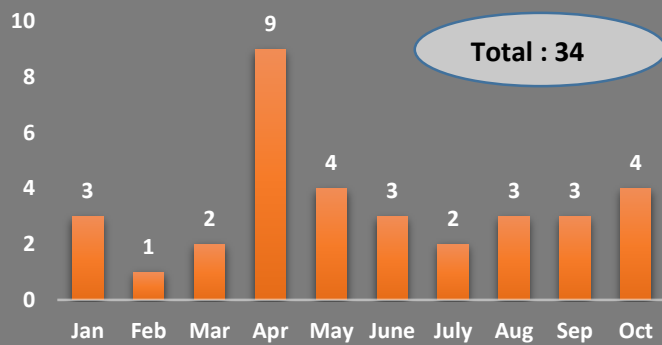
| EXTRA-MURAL GRANTS APPLIED |         |          |
|----------------------------|---------|----------|
| Faculty                    | Jan-Oct | In Lakhs |
| RINER                      | 2       | 50.0     |
| FDS                        | 10      | 750.24   |
| FLAHS                      | 14      | 670.34   |
| FNS                        | 5       | 514.41   |
| RCPT                       | 3       | 212.61   |
| ORI                        | 7       | 601.64   |
| RMC                        | 10      | 251.84   |
| ALC                        | 1       | 10.00    |
| FPH                        | 2       | 69.09    |
| FHMCT                      | 2       | 28.97    |
| SSS                        | 6       | 543.37   |
| FET                        | 11      | 819.12   |
| FMC                        | 5       | 153.34   |

**JAN-OCT 2025**

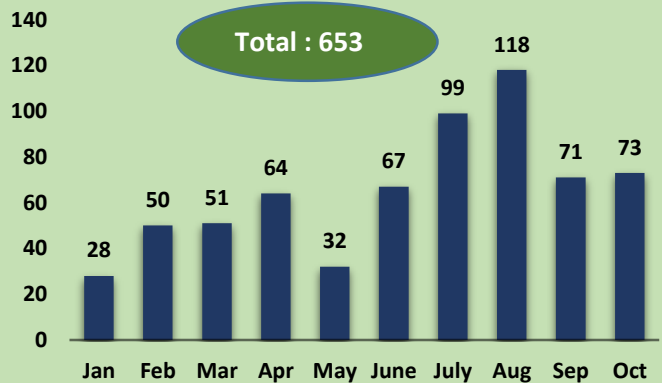


- *Total Patents*
- 📖 *Total Publications*
- 📄 *Grants Applied*

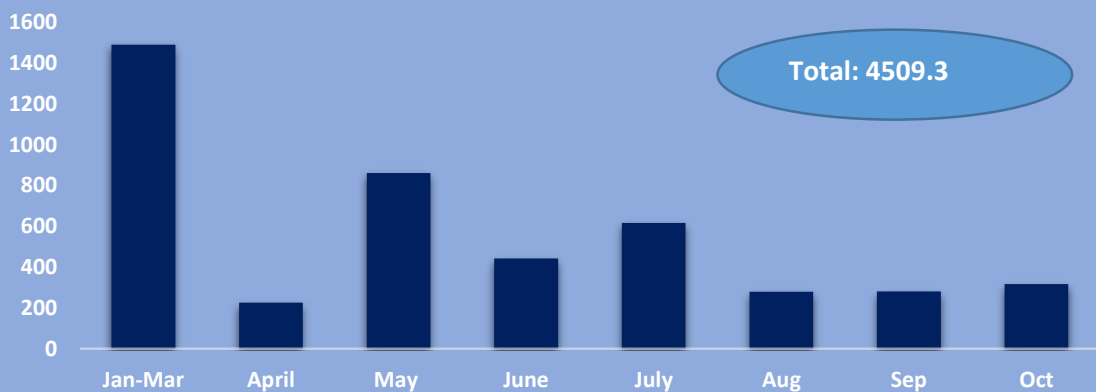
### TOTAL PATENTS - 2025



### TOTAL PUBLICATIONS - 2025



### EXTRA-MURAL GRANTS APPLIED (In Lakhs) - 2025

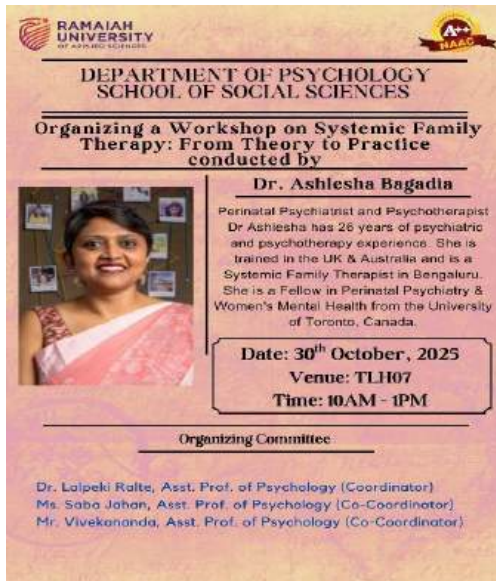


## ACADEMIC EVENTS



### Induction Programme for M.Tech & MCA Students (Batch 2025-2027)

The Faculty of Engineering and Technology (FET), RUAS, hosted the Induction Programme Ceremony for the newly admitted M.Tech and MCA students on 31st October 2025 at Hall A206, RTC Campus. The event marked the beginning of an exciting academic journey, introducing students and parents to the University's vision, academic culture, and research ecosystem. The ceremony was graced by University leadership, Deans, Heads of Departments, and distinguished speakers from industry and academia. Organised by Dr. B. Rudra Prathap (CSE) and Dr. S.P. Sreenivas Padala (Civil Engineering), the programme inspired the new cohort to embark on a journey of learning, innovation, and discovery.



### Workshop on Systemic Family Therapy: From Theory to Practice

The Department of Psychology, School of Social Sciences, organized a workshop titled "Systemic Family Therapy: From Theory to Practice" on 30th October 2025 at TLH 7. The session was conducted by Dr. Ashlesha Bagadia, a renowned *Perinatal Psychiatrist and Systemic Family Therapist* based in Bangalore. The workshop provided valuable insights into systemic approaches to therapy, bridging theoretical concepts with practical applications. It offered students and faculty an engaging platform to explore real-world perspectives in family and mental health practice.

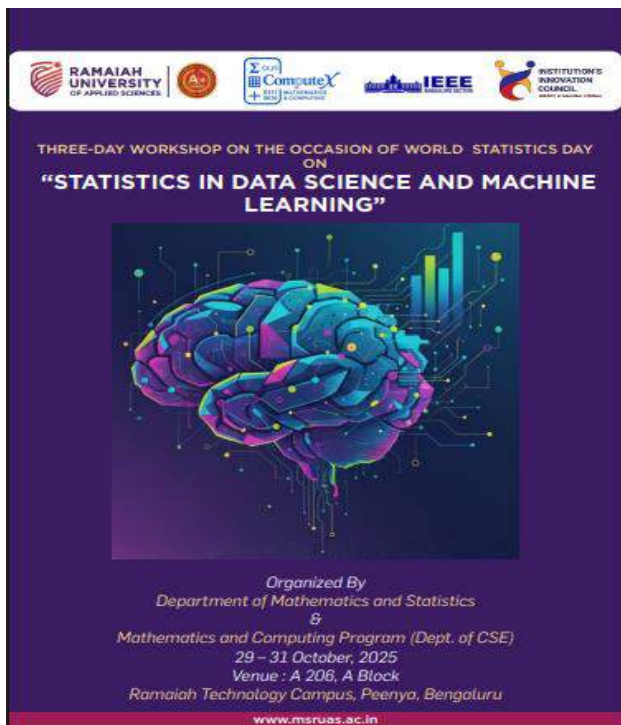


### Futuristic Leadership Summit 2025

The Faculty of Management and Commerce, RUAS, in association with the Bangalore Management Association (BMA) and powered by the LEADS Next Gen Center – RUAS, organized the Futuristic Leadership Summit 2025 on 30th October 2025 at Sri M V Auditorium, FKCCI, Bengaluru. The summit brought together industry leaders, academicians, and policymakers to discuss emerging trends in leadership, focusing on Technology-Driven Leadership and the Human Side of Future Leadership. The event served as a platform for meaningful dialogue, professional networking, and knowledge exchange on the evolving paradigms of leadership.



## ACADEMIC EVENTS

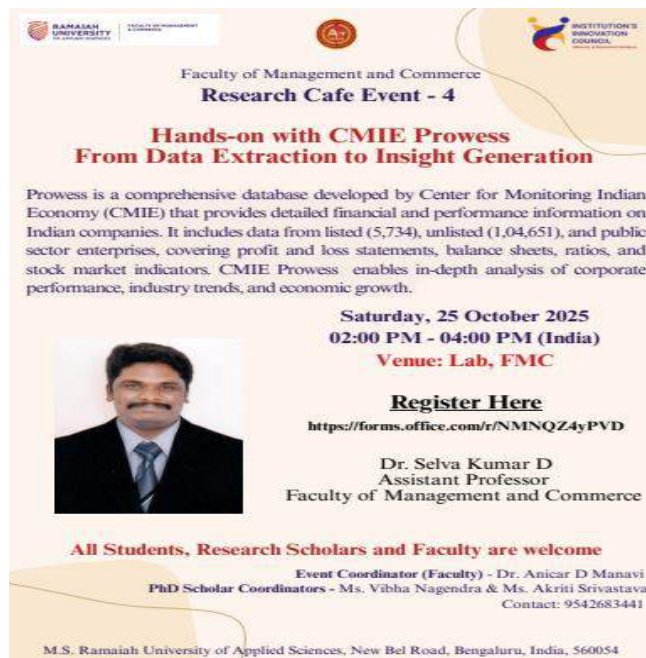


THREE-DAY WORKSHOP ON THE OCCASION OF WORLD STATISTICS DAY  
ON  
**"STATISTICS IN DATA SCIENCE AND MACHINE LEARNING"**

Organized By  
Department of Mathematics and Statistics  
&  
Mathematics and Computing Program (Dept. of CSE)  
29 – 31 October, 2025  
Venue : A 206, A Block  
Ramaiah Technology Campus, Peenya, Bengaluru  
[www.msruas.ac.in](http://www.msruas.ac.in)

### Workshop on Statistics in Data Science and Machine Learning

The Department of Mathematics and Statistics, in collaboration with the Mathematics and Computing Program (Department of CSE), organized a three-day workshop on "Statistics in Data Science and Machine Learning" from October 29–31, 2025. The workshop aimed to enhance the understanding of statistical methods and their applications in data science and machine learning among faculty members and research scholars of RUAS.



Faculty of Management and Commerce  
**Research Cafe Event - 4**

**Hands-on with CMIE Prowess**  
**From Data Extraction to Insight Generation**

Prowess is a comprehensive database developed by Center for Monitoring Indian Economy (CMIE) that provides detailed financial and performance information on Indian companies. It includes data from listed (5,734), unlisted (1,04,651), and public sector enterprises, covering profit and loss statements, balance sheets, ratios, and stock market indicators. CMIE Prowess enables in-depth analysis of corporate performance, industry trends, and economic growth.

**Saturday, 25 October 2025**  
**02:00 PM - 04:00 PM (India)**  
**Venue: Lab, FMC**

**Register Here**  
<https://forms.office.com/r/NMNQZ4yPVD>

**Dr. Selva Kumar D**  
Assistant Professor  
Faculty of Management and Commerce

**All Students, Research Scholars and Faculty are welcome**

Event Coordinator (Faculty) - Dr. Anicar D Manavi  
PhD Scholar Coordinators - Ms. Vibha Nagendra & Ms. Akriti Srivastava  
Contact: 9542683441

M.S. Ramaiah University of Applied Sciences, New Bel Road, Bengaluru, India, 560054

### Hands-on Session with CMIE Prowess by Research Café

The Faculty of Management and Commerce (FMC), RUAS, through its *Research Café initiative*, organized a hands-on session on CMIE Prowess on 25th October 2025 at the FMC Lab. The session introduced participants to the CMIE Prowess database, a comprehensive resource offering detailed financial and performance data of Indian companies. It enabled students, faculty, and research scholars to explore real-time corporate analytics, industry performance, and economic trends using authentic datasets. The workshop received active participation from across the University, fostering data-driven research and analytical skill development.

### FMC Faculty Courses Shortlisted for SWAYAM Platform

The Faculty of Management and Commerce (FMC), RUAS, proudly celebrates the achievement of Dr. Ajitha and Dr. Chandra Sen Mazumdar, whose two Massive Open Online Courses (MOOCs) have been shortlisted for the SWAYAM Platform through IIMBx.

The shortlisted courses are:

- *Python for Data Analytics, Machine Learning and Generative AI: A Comprehensive Guide*
- *Applied Research: From Hypothesis to Structural Equation Modeling*

This milestone marks a first in FMC's history and highlights the faculty's commitment to advancing digital learning and academic innovation. Congratulations to Dr. Ajitha and Dr. Chandra Sen Mazumdar on this remarkable achievement!

## ACADEMIC EVENTS

### South Zone Skill Challenge on Automation and Robotics

The Department of Mechanical Engineering, RUAS, in collaboration with Janatics Automation Pvt. Ltd., Coimbatore, organized the South Zone Skill Challenge on 24–25 October 2025 at the RTC Campus. The event brought together students, industry professionals, and academicians to showcase their expertise and creativity in automation and robotics engineering. It served as a vibrant platform for learning, collaboration, and the exchange of innovative ideas in emerging engineering technologies.


**JANATICS**

### QUALIFIER STAGE 2

#### JANATICS AUTOMATION SKILL CHALLENGE

Janatics Automation Skill Challenge is an educational initiative by Janatics for training the students in automation skills and broaden the young minds to be innovative which eventually helps them in widening their career opportunities & winning probabilities.

#### Venue

Ramaiah University of Applied Sciences, Bangalore.

### Workshop on Smart Embedded Systems

The Department of Electronics and Communication Engineering successfully conducted a 5-day hands-on workshop on “Smart Embedded Systems: Developing AI Solutions with Raspberry Pi, FPGA, IoT, and AWS Cloud Platforms” from 27th to 31st October 2025. The sessions offered practical insights into developing AI solutions using edge and cloud technologies, with active participation from students and faculty.

**Patrons**

- Dr. M.R. Jayaram – Honble Chancellor
- Prof. K.K. Raina – Vice Chancellor
- Prof. R.V. Ranganath – Provost (Engg. & Allied Sciences)
- Prof. Sarath Kumar Maharana – Dean, RTC

**Organizing Committee**

- Dr. Christy Bobby T – Hod, Prof., ECE Dept.
- Dr. B.R. Karthikeyan – Prof., ECE Dept.
- Dr. L.S. Praveen – Asst. Prof., ECE Dept.
- Mrs. Deepthi S. – Asst. Prof., ECE Dept.
- Mrs. Vasantha Valli S. – Asst. Prof., ECE Dept.
- Mr. Divya Kiran – Asst. Prof., ECE Dept.

**Registration Details**

Registration Deadline: 24 Oct 2025  
Students: 500/-  
Faculty Members: 1000/-

Scan QR or click link for the registration form

[Click The link](#)

Payment details are available in registration form

Be First  
**Limited 40 Seats!**




**Five Days Workshop on Smart Embedded Systems: Developing AI Solutions with Raspberry Pi, FPGA, IoT and AWS Cloud Platforms**

**Organized by**  
**Department of Electronics and Communication Engineering**

Date: 27-31 Oct 2025  
Time: 10:00 AM to 5:00 PM

**Venue:** A206, Ramaiah Technology Campus,  
M.S. Ramaiah University of Applied Sciences,  
Peenya Industrial Area, Bengaluru



## ACADEMIC EVENTS



**RAMAIAH UNIVERSITY OF APPLIED SCIENCES**

**THREE-DAY WORKSHOP ON THE OCCASION OF WORLD STATISTICS DAY ON "STATISTICS IN DATA SCIENCE AND MACHINE LEARNING"**

Organized By  
Department of Mathematics and Statistics  
&  
Mathematics and Computing Program (Dept. of CSE)  
29 – 31 October, 2025

Venue  
A 206, A Block  
Ramaiah Technology Campus, Peenya.

### Workshop on Statistics in Data Science and Machine Learning

The Departments of Mathematics & Statistics and Mathematics & Computing (CSE) jointly organized a 3-day workshop on "Statistics in Data Science and Machine Learning" from 29th to 31st October 2025. The event aimed to enhance participants' understanding of statistical methods and their applications in data science and machine learning.

### Pravrutti 2025 – National Level Tech Fest

M. S. Ramaiah University of Applied Sciences hosted its first-ever National Level Tech Fest, Pravrutti 2025, on 15th October 2025 at the Ramaiah Technology Campus, Peenya. The fest featured 26 events across Technology and Health Sciences, attracting 1932 participants from 75+ institutions, including IISc, IITs, and NITs. The event celebrated innovation, creativity, and collaboration among young technologists.



**RAMAIAH UNIVERSITY OF APPLIED SCIENCES**

**PRAVRUTTI NATIONAL TECH FEST RUAS**

**INSTITUTION'S INNOVATION COUNCIL**  
(Ministry of Education initiative)

**PRAVRUTTI**  
National Level Tech Fest of RUAS

Date : 15<sup>th</sup> October 2025, 9.30AM  
Venue : Ramaiah Technology Campus,  
470-P, Peenya 4th Phase, Peenya, Bengaluru-560058



**RAMAIAH UNIVERSITY OF APPLIED SCIENCES**

**Workshop "The Art of Managing Design"**

GUEST SPEAKER:  
**Ms. Vijayalakshmi N S**  
Manager – Productions, Simple Learning

Date : 15<sup>th</sup> October 2025  
Time : 9.30 AM

Venue : Class room, KATC Block,  
Faculty of Art and Design  
Ramaiah Technology Campus, No-  
470-P, 4th Phase, Peenya Industrial  
Area, Bangalore – 560058.

With over 20 years of experience in creative production, Vijayalakshmi N S is a seasoned design management and production professional known for transforming artistic vision into impactful, high-quality content. Her expertise spans 2D and 3D animation, visual effects, live action, corporate films, ad films, and educational content, blending creativity, strategy, and leadership.

Her core strengths include strategic production planning & management, artist and team leadership, creative content development, process optimisation & cost management and client & stakeholder engagement. She has previously worked at a leadership positions at well known organisations such as Byju's – Think & Learn, Crejo.fun and Synergy Images.

[WWW.MSRUAS.AC.IN](http://WWW.MSRUAS.AC.IN)

Coordinators: Ms. Archana Patil, Asst. Prof.  
archana.id.adl@msruas.ac.in

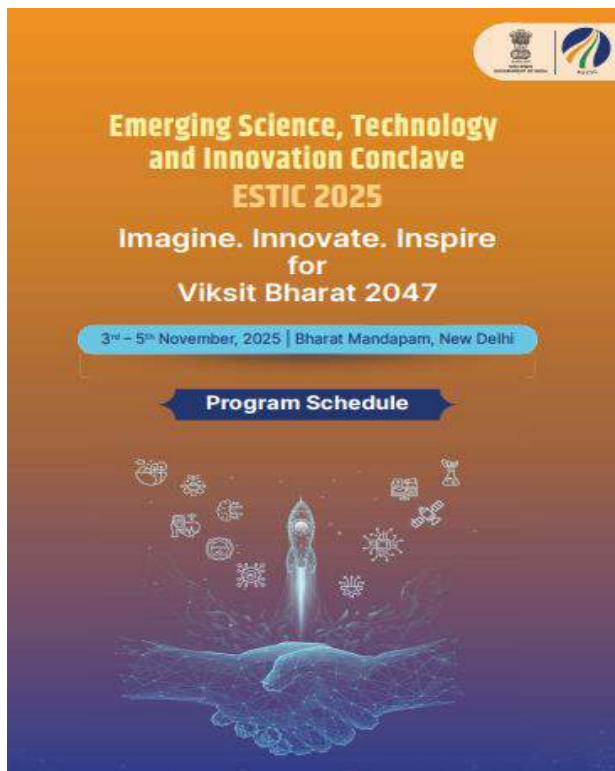
### Workshop on "The Art of Managing Design"

The Department of Industrial Design, Faculty of Art and Design, organized a workshop on 15th October 2025 at the KATC Block, Ramaiah Technology Campus, Peenya. The session focused on key strategies and practices in design management, engaging participants from diverse creative disciplines.

## ACADEMIC EVENTS/RECOGNITIONS

### RUAS at SDG Summit 2025

The Faculty of Management and Commerce, RUAS, in partnership with Vision Karnataka Foundation, organized the SDG Summit 2025 on 10th October 2025 at the FKCCI Auditorium. The event featured technical sessions, best paper presentations, and a panel discussion. Team RUAS won three Best Paper Awards, bagged by Mr. Trilok Reddy (FMC), Mr. Sandeep N. & Dr. Suresh R. (FET), and Dr. Sruthi Kalyani A. (CNSS). The summit also announced the formation of SDG Clubs across academic institutions in India.



### RUAS Faculty Selected as Young Leader in Science and Technology

Dr. Chetana Baliga, DBT Ramalingaswamy Fellow, Department of Biotechnology, FLAHS, has been nominated by DBT as a Young Leader in Science and Technology (under 45) to attend ESTIC 2025, held from 3rd–5th November 2025 in New Delhi under the aegis of the Hon'ble Prime Minister. Congratulations to Dr. Chetana for representing RUAS at this prestigious national platform!

#### Team ORI

Dr. B. S. Nanda Kumar  
Dr. T. Niranjana. Prabhu  
Dr. Anu Krishnan  
Dr. Sowmya Hegde  
Mr. Hari Prasad  
Mr. Thulasiram. M. A  
Mrs. Mahalakshmi

## PUBLICATIONS

We are delighted to announce that **Puja Krishna** (Department of Sociology, School of Social Sciences) and **Nilanjana Gupta** (Society for Health and Demographic Surveillance, West Bengal) have co-authored a Scopus-indexed paper titled *“Women’s decision-making autonomy and maternal healthcare utilisation in Empowered Action Group states: Results from the National Family Health Survey (2019–2021)”*, published on 18 October 2025 in the *Journal of Public Health*. This important study investigates how women’s decision-making autonomy—across areas such as mobility, financial spending, household acquisitions, and self-healthcare—predicts their maternal healthcare utilisation in the eight EAG states of India. The findings reveal that higher autonomy is significantly associated with increased use of full antenatal care and skilled postnatal care. We congratulate Dr. Krishna and Dr. Gupta on this commendable achievement.



Abstract

**Mr. Sandeep N**, Ph.D. scholar under **Dr. R. Suresh**, has achieved significant milestones through his research on Circular Manufacturing Systems.

•Publication: *“An Integrative Framework for Circular Manufacturing System in Indian Industry”* published in *Circular Economy and Sustainability* (Q1, IF: 5.6), Springer Nature, on 5th October 2025.

•Award: Won the Best Technical Paper Award with a ₹10,000 cash prize at the SDG Summit 2025, organized by FMC, RUAS in collaboration with Vision Karnataka Foundation.

Congratulations to Mr. Sandeep and heartfelt thanks to the University leadership for their continued encouragement and support toward research excellence.



**Dr. Kritishnu Sanyal’s** article titled *“How village communities perceive the relevance of forest ecosystem services: Insights from Himachal Pradesh, India”* has been published in *Forest Policy and Economics* (Elsevier, Q1, IF: 3.8).

The study, part of his doctoral research at IIT Mandi, analyzes community perceptions of forest ecosystem services using multivariate ordinal probit modeling and highlights drivers for sustainable forest management.

MS Ramaiah Medical College does not subscribe to this content on ScienceDirect.



**Forest Policy and Economics**  
Volume 179, October 2025, 103618



**How village communities perceive the relevance of forest ecosystem services: Insights from Himachal Pradesh, India**

Kritishnu Sanyal, Shyamasee Desgupta 

Show more 

+ Add to Mendeley  Share  Cite

<https://doi.org/10.1016/j.forpol.2025.103618>

Get rights and content 