

Research Insights @ RUAS

Office of Research and Innovation



*March 2026
Issue 11*

PATENTS - 2026	
JAN - MAR	
Filed	8
Published	-
Granted	5
*Courtesy: OMS Patents Database	

PUBLICATIONS - 2026	
JAN - MAR	
Scopus	98
Total	169
Google Scholar	130
Citations	52073
h-index	74
* Researegence 2.0 reports	

EXTRA-MURAL GRANTS APPLIED - 2026		
Faculty	Jan-Mar	In Lakhs
RINER	5	234.31
FDS	5	296.90
FLAHS	9	636.08
FNS	-	-
RCPT	-	-
ORI	-	-
RMC	2	203.00
ALC	-	-
FPH	10	833.45
FHMCT	-	-
SSS	-	-
FET	3	70.00
FMC	1	0.01

ACADEMIC EVENTS

The Department of ENT observed World Hearing Day on 3rd March 2026 at Ramaiah Medical College Hospital. The program highlighted this year's theme, *"From Communities to Classrooms, Hearing Care for all Children,"* focusing on awareness and early intervention. A Walkathon and awareness sessions were conducted with active participation from faculty, students, and the public.



RAMAIAH Medical College | A Constituent College of Ramaiah University of Applied Sciences

DEPT. OF ENT
WORLD HEARING DAY 2026
THEME- FROM COMMUNITIES TO CLASSROOMS, HEARING CARE FOR ALL CHILDREN
3rd March 2026 (Tuesday)

Morning session	
RMCH BUILDING TO RMCH	Walkathon 9:00am – 10:00am
Afternoon session	
RMCH BASEMENT	Welcome address 2:30pm – 2:35pm
RMCH BASEMENT	Inaugural ceremony 2:35pm – 2:55pm
RMCH BASEMENT	Skit by ENT Dept 2:55pm – 3:15pm
RMCH BASEMENT	Guest speaker (Giftabled): Sign language and inclusivity among the deaf community + Demonstration of Indian Sign Language 3:15pm – 3:45pm
RMCH BASEMENT	Skit by UG students 3:45pm – 3:55pm
RMCH BASEMENT	Valedictory (announcement of poster competition winners) 3:55pm – 4:15pm
RMCH BASEMENT	Vote of thanks

Concessional Audiology services at ENT OPD, RMCH on 3rd March 2026 (from 10am to 2pm)

The Office of Research & Innovation (ORI) organized the Research Incentives – Appreciation Ceremony on 5th March 2026 at the RMC Auditorium, Ramaiah Medical College. The event recognized and felicitated Research Incentive Awardees across faculties for their valuable research contributions. The ceremony was held in the presence of the Honorable Chancellor, Dr. M. R. Jayaram, and the Honorable Vice Chancellor, Prof. Kuldeep Kumar Raina, and witnessed enthusiastic participation from faculty members.



RAMAIAH UNIVERSITY OF APPLIED SCIENCES | **NAAC A** ACCREDITED

Office of Research & Innovation (ORI)

RESEARCH INCENTIVES
Appreciation Ceremony
Honouring All Research Incentive Awardees

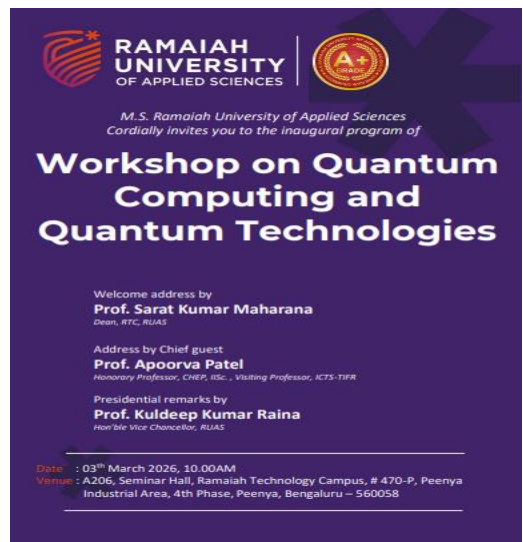
In the gracious presence of
Dr. M. R. Jayaram
Honorable Chancellor - RUAS
&
Prof. Kuldeep Kumar Raina
Honorable Vice Chancellor - RUAS

A token of appreciation for your commitment to
Research Excellence

05 March, 2026
11:00 am

Auditorium, Ramaiah Medical College

The Department of Physics, Faculty of Natural Sciences, inaugurated a Workshop on Quantum Computing and Quantum Technologies on 3rd March 2026 at RTC Seminar Hall. The workshop featured expert lectures, interactive Q&A sessions, and hands-on training using IBM Qiskit for cloud-based quantum protocol implementation. It provided valuable insights into emerging areas such as quantum communication, metrology, and computing architectures, witnessing enthusiastic participation from faculty and students.



RAMAIAH UNIVERSITY OF APPLIED SCIENCES | **A+** ACCREDITED

M.S. Ramaiah University of Applied Sciences
Cordially invites you to the inaugural program of

Workshop on Quantum Computing and Quantum Technologies

Welcome address by
Prof. Sarat Kumar Maharana
Dean, RTC, RUAS

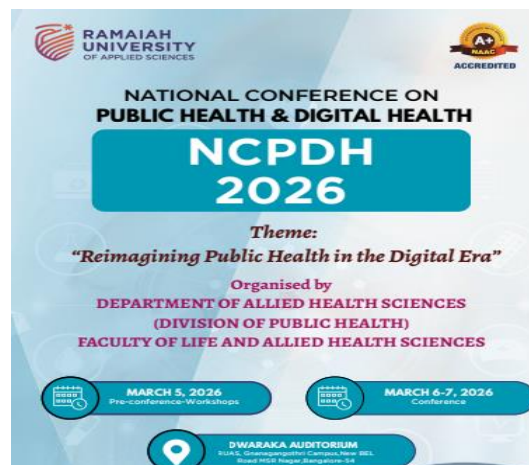
Address by Chief guest
Prof. Apoorva Patel
Honorary Professor, CRIIS, etc.; Visiting Professor, ICTS-TIFR

Presidential remarks by
Prof. Kuldeep Kumar Raina
Hon'ble Vice Chancellor, RUAS

Date : 03rd March 2026, 10.00AM
Venue : A206, Seminar Hall, Ramaiah Technology Campus, # 470-P, Peenya Industrial Area, 4th Phase, Peenya, Bengaluru – 560058

ACADEMIC EVENTS

The Division of Public Health, Department of Allied Health Sciences, RUAS, organized the National Conference on Public Health & Digital Health (NCPDH 2026) from 5–7 March 2026 in Bengaluru. Centered on the theme *“Reimagining Public Health in the Digital Era,”* the conference featured pre-conference workshops on qualitative research, GIS, and data analysis using R, along with sessions on digital health, AI in healthcare, and health policy. The event witnessed active participation from researchers, healthcare professionals, and students.



The Department of Mechanical and Manufacturing Engineering organized a Tech Talk on *“E-waste Awareness Program”* on 10th March 2026 at the RTC Campus, Peenya. The session, delivered by Dr. Shivanshi Patwal, focused on responsible e-waste management, environmental impact, and sustainable practices. The event witnessed active participation from faculty and students.



The Centre for Professional Development (CPD) launched a 10-day University-wide Staff Development Program titled *“Enhancing Professional Competence of Administrative and Technical Staff in Higher Education.”* Organized under the aegis of AIU–MSRUAS–AADC, the program commenced on 9th March 2026. It focuses on key areas such as communication, digital proficiency, administrative skills, and compliance requirements, aiming to strengthen professional capabilities and institutional effectiveness.

The Faculty of Management & Commerce, RUAS, has been awarded a sponsored research project by ICSSR titled *“Developing a Framework for National-Level Diaspora Engagement to Leverage Returnee Entrepreneurs for Strengthening Innovation-Driven Entrepreneurship and Startup Ecosystems.”* The project is led by Dr. S. Ajitha (PI) and Dr. Chandra Sen Mazumdar (Co-PI), marking a significant achievement in advancing research in entrepreneurship and innovation.

ACADEMIC EVENTS

The Faculty of Management and Commerce, RUAS, organized a two-day National Conference on “*Next-Generation GST Reforms 2.0: A Way Towards Viksit Bharat 2047*” on 13th–14th March 2026 at the RMC Council Hall. Conducted in collaboration with ICSSR, the conference brought together policymakers, academicians, and industry experts to discuss the future of GST reforms and their role in India’s economic development.



Two Days - National Conference
Next-Generation GST Reforms 2.0
(A Way Towards Viksit Bharat 2047)

Venue: RMC Council Hall
New BEL Road, RUAS, Bengaluru
Date: 13th & 14th March 2026

INAUGURATION	VALEDICTORY	Keynote Speakers	Organizing Team
 Chief Guest Smt. Kajal Singh IPS Officer-in-Charge, District Government of India	 Guest of Honour Prof. S. Sudhakar Reddy Director, Centre for Governance Studies, RUAS	 Chief Guest Dr. Parag Kumar Pandey IAS Principal Secretary to Government of India	 Chief Guest Dr. Shashi Jain Head of Institute of Management Studies, RUAS
 Chief Guest Shree Saravesh KP Chief Executive Officer ICSSR, Bengaluru	 Chief Guest CA Naveen Agarwal President Bangalore Association of Chartered Accountants	Organizing Team Patron: Prof. (Dr.) K.M. Shreshth Kumar Convener: Prof. (Dr.) Jitendra Kumar Co-Conveners: Dr. Subhadra Mukherjee, Dr. Karanam Kavitha	

INDUSTRY ASSOCIATION PARTNER:  **BCIC**
 KNOWLEDGE PARTNER:  **LEADS**
 POWERED BY:  **Business Standard**
 MEDIA PARTNER:  **Madduram.com**

The RUAS Arthabodha Economics Club organized a webinar titled “*Macroeconomics in Action—Theory, Policy, and Insights*” on 9th March 2026. The session, delivered by Shri Om Krishna, explored the application of macroeconomic theories in real-world policy and decision-making. The webinar provided valuable insights and saw active participation from faculty and students.



Join Our Webinar
"MACROECONOMICS IN ACTION - THEORY, POLICY AND INSIGHTS"


OM KRISHNA
 Economist | Author | Researcher

09 March, 2026
 START AT : 5:00 PM – 6:00 PM

For more info contact: 9945641512
 Venue: Microsoft Teams

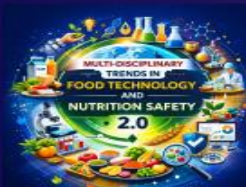
The Department of Food Technology, Faculty of Life and Allied Health Sciences, RUAS, organized a symposium on “*Multidisciplinary Trends in Food Technology and Nutrition Safety 2.0*” on 11th March 2026. The event brought together researchers and stakeholders to discuss key challenges and advancements in food technology and nutrition safety through interdisciplinary collaboration and knowledge sharing.



RAMAIAH UNIVERSITY OF APPLIED SCIENCES
 Department of Food Technology
 Faculty of Life and Allied Health Sciences
 M. S. Ramaiah University of Applied Sciences, Bangalore
 organizing
Symposium
 on
"Multi-Disciplinary Trends in Food Technology and Nutrition Safety 2.0"

THE SYMPOSIUM INCLUDES:
 Guest Talk
 Oral Presentations
 Exhibition
 Poster Presentations
 Best presentation awards

DATE: 11th March, 2026



ACADEMIC EVENTS

The Directorate of Training and Placements successfully organized the Atkins Realis pool campus drive on 7th March 2026 at the RTC Campus. The event marked a significant milestone in strengthening industry collaboration between RUAS and Atkins Realis. The drive witnessed excellent coordination and active participation from faculty, staff, and student placement coordinators, contributing to its smooth and successful execution.



The Faculty of Management & Commerce, RUAS, successfully offered two MOOCs on the SWAYAM platform in the January 2026 session, in collaboration with IIMBx. The courses, curated by Dr. S. Ajitha and Dr. Chandra Sen Mazumdar, attracted over 8,000 enrollments, demonstrating strong participation from students and professionals. The programs achieved wide national and international reach, reflecting RUAS's growing global academic visibility and impact in digital learning.




Home > Courses >

Applied Research: From Hypothesis to Structural Equation Modeling
By Dr. Chandra Sen Mazumdar, Dr. S. Ajitha, Dr. Reshma K. J. | M. S. Ramaiah University of Applied Sciences.

[Go to course](#) **Learners enrolled: 1673**




Introduction to Applied Research: From Hypothesis to Structural Equation Modeling

APPLIED RESEARCH: FROM HYPOTHESIS TO STRUCTURAL EQUATION MODELING

-Ten weeks course

Dr. Chandra Sen Mazumdar
Associate Professor
Department of Management Studies
Faculty of Management and Commerce
M. S. Ramaiah University of Applied Sciences

Dr. Reshma K. J.
Assistant Professor
School of Business Management
Christ University

Dr. S. Ajitha
Associate Professor
Department of Management Studies
Faculty of Management and Commerce
M. S. Ramaiah University of Applied Sciences

Watch on 

The Department of Electronics and Communication Engineering organized a 3-day workshop on “Integrated PCB Design and Fabrication Techniques” from 12th to 14th March 2026. The hands-on training using Altium Designer covered end-to-end PCB design and fabrication processes. The workshop provided practical learning experience and saw active participation from students.







Three-days hands-on workshop.

Integrated PCB Design and Fabrication Techniques: Hands-on Training Using Altium Designer
Organised by Department of Electronics and Communication Engineering

Venue: B 103B

Time / Date	12th March	13th March	14th March
10:00 am to 1:00 pm	High-Speed PCB and Schematic Fundamentals	Principles of Layout Design, (Floor Planning, Placement, Routing)	Fabrication Process and SI Analysis
2:00 pm to 4:30 pm	Hands on using Altium Designer	Hands on using Altium Designer	Project Development and Fabrication

Speakers:
Dr. Ugra Mohan Roy, Asst Prof
Mr. Divya Kiran, Asst Prof
Mr. Surendra Narasimha
ECAD COMMUNITY MANAGER AT ALTUM

Organising committee:
Dr. T. Christy Bobby, Prof, HoD of ECE
Dr. B. R. Karthikeyan, Prof, ECE Dept
Mrs. Deepthi S. Asst Prof, ECE Dept

Coordinators:
Mr. Ranjith Powar
Mr. Satish Kumar K. V.
Mr. Sachin R. Shenoy
Ms. Megha H



Scan QR to register

ACADEMIC EVENTS

The Office of Research and Innovation, RUAS, organized a workshop on *“Medical Innovations – Patent Mitra Awareness Creation & Experiential Learning”* on 17th March 2026. Conducted in association with ICMR, the session focused on supporting innovators in patent filing and technology transfer, strengthening the biomedical innovation ecosystem. The workshop witnessed participation from faculty and researchers across disciplines.



The Faculty of Engineering and Technology, RUAS, organized a technical workshop on *“Hands-on UAV Systems, Mission Planning and AI-Based Swarm Drones”* from 26th to 28th March 2026 at the RTC Peenya Campus. The workshop provided practical exposure to UAV design, flight control, autonomous navigation, and AI-based swarm technologies through expert sessions and hands-on training.



RUAS organized a two-day workshop titled *“Startup Journey – Idea, Innovation and Entrepreneur”* on 24th–25th March 2026. The workshop aimed to guide participants through the process of transforming ideas into successful ventures and featured events such as Ideathon and Start-Up Mela. With participation from multiple institutions and support from industry experts, the program fostered innovation, entrepreneurship, and startup ecosystem development.



FACULTY / STUDENT ACHEIVEMENTS

Dr. Latharani T R was honored with the “*Women Excellence in Engineering Education Award – 2026*” at the International Conference on Emerging Trends in Science, Technology and Management (ICETSTM–2026), held from 14–18 February 2026. She also delivered an invited talk on “*From Generative Intelligence to Autonomous Agents: The Next AI Revolution.*” This achievement highlights her significant contributions to engineering education and research.



The Department of Fashion Design, RUAS, organized an industrial visit to Lotus Silk, Nelamangala, providing students with practical exposure to textile production.



A conference paper titled “*Ardhanarishwar as a Design Framework: Integrating Cultural Symbolism into Contemporary Textile Motif Development*” was presented and published at the Second National Design Conference (NID, MP) in March 2026, highlighting the FAD department’s academic and research contributions.



**RAMAIAH
UNIVERSITY**
OF APPLIED SCIENCES

Faculty of Art and Design
Dept. of Fashion Design



One Day Workshop on
“Embroidery Machine (Memory craft 550E) and UJ Machines”

Speaker



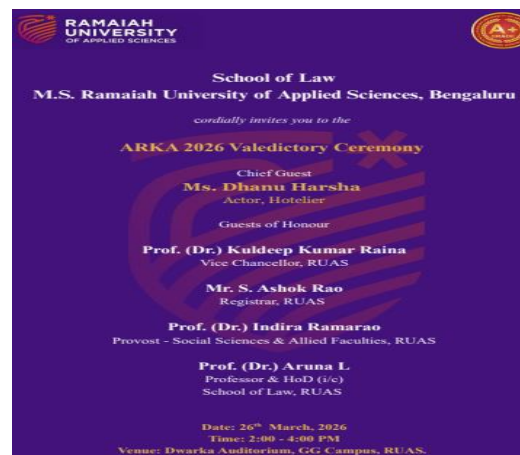
Ms. Anupama.M.Mailar
Deputy Manager
Usha International Ltd. Bangalore

- Usha International is a leader in Fast Moving Consumer Durables, including products like Fans, Sewing Machines, Home Appliances, and Power Products.
- It is a manufacturing, sales, and marketing organization with a pan-India footprint, with around 4,106 employees across 16 regional locations and an all-India retail presence with 60 company showrooms

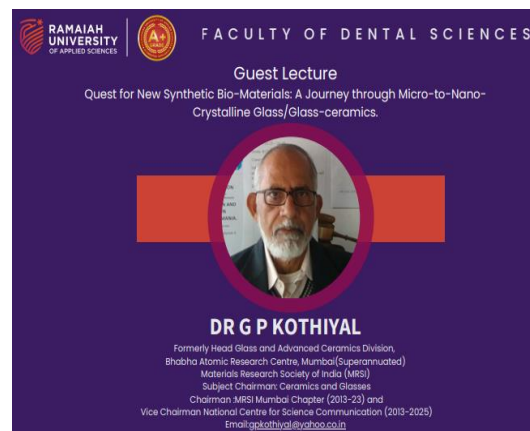
RUAS has secured the approval of a third SWAYAM course titled “*The Art of Resume Writing and Job Interviews*” by Dr. S. Ajitha for the July 2026 semester. With this addition, the University will offer three courses on the SWAYAM platform, reflecting its continued commitment to quality digital education and academic outreach.

FACULTY / STUDENT ACHEIVEMENTS

The School of Law, RUAS, organized the valedictory ceremony of ARKA 2026 (3rd Edition) on 26th March 2026 at Dwarka Auditorium. The event marked the successful conclusion of the university's flagship cultural-legal fest and was graced by distinguished guests, with active participation from faculty and students.



The Faculty of Dental Sciences, RUAS, organized a guest lecture on *"Quest for New Synthetic Biomaterials: A Journey through Micro-to-Nano-Crystalline Glass/Glass-Ceramics"* on 26th March 2026. The session was delivered by Dr. Govind P. Kothiyal, former Head of the Glass and Advanced Ceramics Division, BARC, Mumbai, and provided valuable insights into advanced biomaterials research.



A PG research project titled *"Integrating Computational Modelling and Experimental Validation to Elucidate the Neuroprotective Potential of Glimeperide Nano Formulation in Alzheimer's Disease"* by Ms. Alma Khan and team, mentored by Dr. Damodar Nayak A, received the prestigious *Padma Vibhushan Prof. Udupi Ramachandra Rao Award* at the National Science Day celebration on 26th February 2026. The recognition highlights a significant contribution to scientific research and innovation.



M.S. Ramaiah University of Applied Sciences successfully organized Job Mela 2026 on 31st March 2026, bringing together 20+ leading companies and participants from 27 institutions. The event provided a dynamic platform for students to explore career opportunities, interact with industry experts, and showcase their skills. With several candidates shortlisted for further recruitment rounds, the initiative highlighted RUAS's strong commitment to enhancing student employability and industry engagement.

FACULTY / STUDENT ACHEIVEMENTS

The Department of Mathematics and Statistics, in collaboration with the Mathematics and Computing Program (CSE), organized a three-day Faculty Development Program on “*Trending Math Pedagogy*” from 30th March to 1st April 2026. The program aimed to enhance teaching methodologies and pedagogical practices, witnessing active participation from faculty members.



The Centre of AI for Social Good (CAISG), RUAS, formalized an MoU with AQ MATiCS and Ready Mediacom Pvt. Ltd. on 30th March 2026. This collaboration marks a significant step in advancing interdisciplinary research in Artificial Intelligence, Data Science, and Quantum technologies to address real-world challenges.



RUAS launched the Mental Wellness Club “MANASSU” along with a two-day workshop on “*Wellbeing 360°: Mind, Body & Purpose*” on 16th–17th March 2026. The initiative, supported by RTBI, focused on promoting mental health awareness and holistic well-being among students. The program featured expert sessions and witnessed enthusiastic participation, making it a meaningful and impactful event.



Publications • Patents • Collaborations • Grants

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Construction Innovation
Information, Process, Management

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Article Contents
Supplementary data

RESEARCH ARTICLE | JANUARY 27 2026
A PLS-SEM based framework for enabling digital twin systems for real-time monitoring and control in construction projects
Hemanth Kumar N, S.P. Sreenivas Padala
+ Author & Article Information
Construction Innovation: Information Process Management 1–32.
<https://doi.org/10.1108/CI-06-2025-0266> Article history

Views Share Get Permissions Cite

Purpose
This study aims to identify key factors influencing digital twin implementation in construction and to validate their interrelationships using partial least squares structural equation modelling (PLS-SEM).

Mr. Hemanth Kumar N, PhD scholar, has published a research article in the Q1, Scopus and Web of Science indexed journal *Construction Innovation* (Emerald Publishing). The study presents a PLS-SEM based framework for implementing digital twin systems for real-time monitoring and control in construction projects, contributing to improved project tracking, forecasting, and resource efficiency.

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Chaos: An Interdisciplinary Journal
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An Interdisciplinary Journal of Nonlinear Science

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Volume 36, Issue 3
March 2026

Chaos
An interdisciplinary journal of nonlinear science

Check for updates
+ Author & Article Information
Chaos 36, 033113 (2026)
<https://doi.org/10.1063/5.0318657> Article history

Share Tools

A research article has been published in the Q1 journal *Chaos* (AIP Publishing) through an international collaboration with leading institutions, marking a significant contribution to interdisciplinary research.

The invention titled “Automation of Odontogenic Keratocysts and Non-Keratocysts based on Incisional Biopsy” has been successfully granted a patent (No. 582291) by the Indian Patent Office on 3rd March 2026. Filed by M. S. Ramaiah University of Applied Sciences, the innovation recognizes the contributions of inventors Divya B S, Roopa S Rao, Kishore SM, Kirti Shankar M, Spoorthi P, and Sinchana G S. This achievement highlights the institution’s commitment to advancing research and innovation in healthcare.

RUAS has received two prestigious grants from the Department of Health Research (DHR), Government of India. Under the first grant, the University has been recognized as a Technical Resource Centre (TRC) for developing evidence-based healthcare guidelines through systematic reviews and meta-analyses. The second grant, under the SARANSH 2.0 initiative, supported a national-level workshop on Systematic Reviews and Meta-Analysis, with participants from across India. These initiatives highlight RUAS’s commitment to advancing evidence-based research and strengthening healthcare outcomes.



Publications • Patents • Collaborations • Grants

Dr. S. Rajeswari has published a research article titled *"Sensor Data Simulation and Predictive Modeling for Food Spoilage Risk in Green IoT Enabled Supply Chains"* in a SCIE indexed Q1 journal. The study provides innovative solutions for reducing spoilage and enhancing sustainability in perishable food supply chains.

INTERNATIONAL JOURNAL OF ADVANCES IN SIGNAL AND IMAGE SCIENCES

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Sensor Data Simulation and Predictive Modeling for Food Spoilage Risk in Green IoT Enabled Supply Chains

Ramesh Babu M

Department of Computer Science, Sree Saraswathi Thyagaraja College, Pollachi, Tamil Nadu, India.

Rajeswari S

Associate Professor, Department of Data Sciences & Analytics, M. S. Ramaiah University of Applied Sciences, Bengaluru, India

DOI: <https://doi.org/10.29284/1x9z406>

[PDF](#)

Published
2026-02-10

Issue
[Vol. 12 No. 2s \(2026\)](#)

Section

A research proposal titled *"Atmanirbhar Robotics: Indigenous Development of Educational Robotics Kits using RISC-V for Schools and Higher Education"* has been provisionally selected under the AICTE Research Promotion Scheme (RPS): Lab to Market. Led by Dr. Mallaradhya H M along with co-investigators and an industry partner, the project highlights strong potential for translating research into real-world applications, strengthening innovation and interdisciplinary collaboration at RUAS.

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