



# RBU

RAMDEOBABA UNIVERSITY, NAGPUR  
Formerly Shri Ramdeobaba College of Engineering & Management (RCOEM) Est. 1984  
Learn | Innovate | Accomplish



Certified Google Cloud Campus

# Reflection

## NEWSLETTER

Issue : 1 Jan-March 2026

Announcing the Arrival of  
**DGX B200:**  
AI Supercomputer

AI lab powered by  **nVIDIA**



Advanced AI  
Infrastructure



Unmatched  
Computing Power



Accelerating Research,  
Innovation & Collaboration



Enabling Real-world  
AI Impact



# 2026

## IN THIS ISSUE

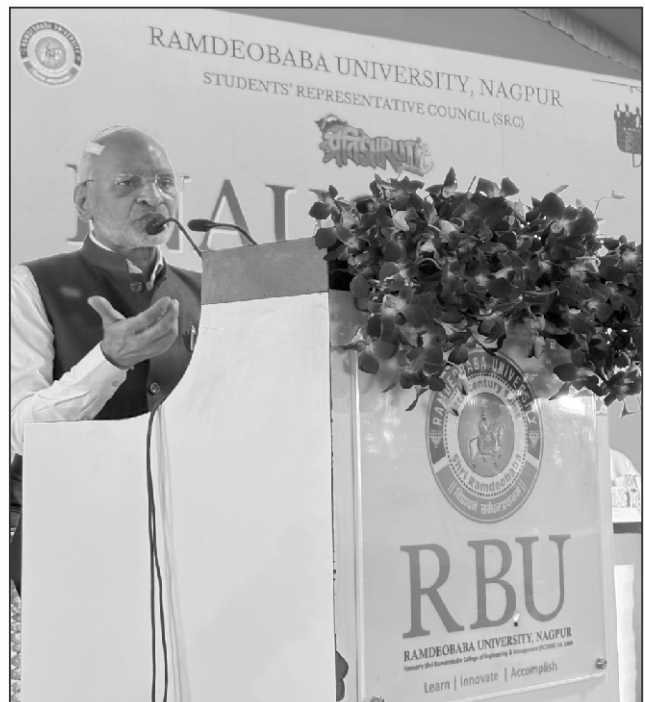
- **Honouring Excellence : Padma Shri for Shri Satyanarayan Nuwal** 1
- **RBU Nagpur Launches Fully AI-Native Campus with Global Tech Collaborations** 2
- **Career Development & Placement Cell** 3
- **RCOEM-TATA-CIIIT (Center for Invention Innovation Incubation & Training)** 4
- **Students' Representative Council (SRC)** 8
- **School of Computer Science and Engineering** 11
- **School of Electrical & Electronics Engineering** 34
- **School of Engineering Sciences** 41
- **School of Management** 47
- **School of Humanities and Sciences** 54
- **Temple Report** 70

## Honouring Excellence : Padma Shri for Shri Satyanarayan Nuwal



Ramdeobaba University proudly celebrated a moment of great pride as Shri Satyanarayan Nuwal, Chairman of Shri Ramdeobaba Sarvajanic Samiti (SRSS) and Solar Group, is conferred with the prestigious Padma Shri. The felicitation took place during the inaugural ceremony of Pratishruti 2026, the Annual Fest of Ramdeobaba University.

In recognition of his remarkable achievements and inspiring leadership, Shri Nuwal was felicitated with a Scroll of Honour, a symbolic memento of success and progress, and a unique portrait created by RBU student. Humbly dedicating the honour to his mentors, team, and well-wishers, Shri Nuwal highlighted the importance of innovation, strong values, and humility in shaping future leaders. Encouraging students to contribute to nation-building, he reminded them to stay rooted in culture while striving for global excellence. The Padma Shri recognizes his pioneering contribution to indigenous defence manufacturing and India's journey towards self-reliance, making it a proud moment for Nagpur and the entire Ramdeobaba community.



## RBU Nagpur Launches Fully AI-Native Campus with Global Tech Collaborations

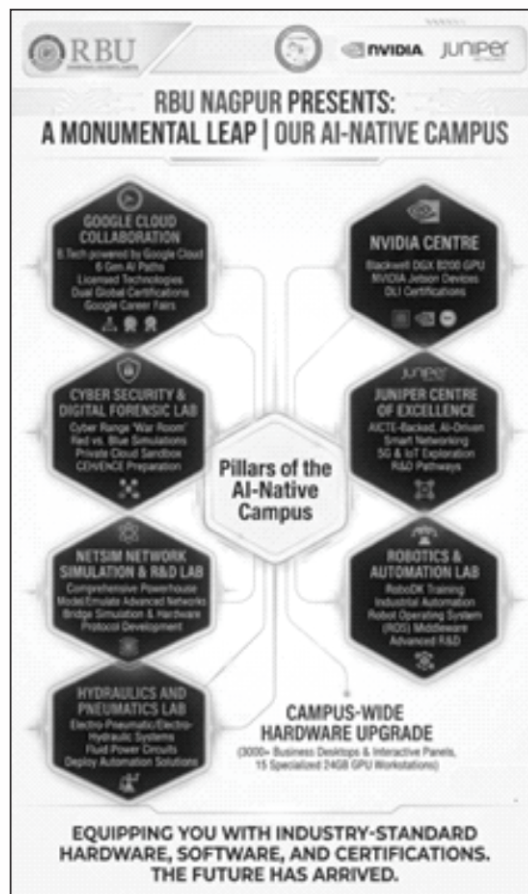
Ramdeobaba University (RBU), Nagpur, has announced its transition to a fully AI-Native Campus in collaboration with global technology leaders-Google Cloud, NVIDIA, and Juniper Networks. This initiative aims to position students at the forefront of the rapidly evolving AI landscape.

The transformation is built on seven key pillars, including the Digital Campus on Google Cloud offering specialized Generative AI learning paths and global certification opportunities. Advanced infrastructure powered by NVIDIA enables hands-on learning in autonomous systems and AI computing.

The University has also established a Cyber Security & Digital Forensic Lab featuring real-time cyber simulations, and a Juniper Centre of Excellence focused on AI-driven networking, 5G, and IoT technologies. Additional facilities such as the NetSim Network Lab, Robotics & Automation Lab, and Hydraulics & Pneumatics Lab provide practical exposure to emerging technologies and industrial applications.

Supporting this initiative is a major campus-wide upgrade with over 3,000 business desktops, interactive panels, and a dedicated R&D lab equipped with high-performance GPU workstations. This move reflects RBU Nagpur's commitment to future-ready education by integrating cutting-edge technology, industry certifications, and hands-on learning.

*At RBU Nagpur, the future of AI-driven education has already arrived.*



## Career Development & Placement Cell

### Placement Statistics - 2026 Batch (Ongoing)

<b>Highest Salaries</b>	52 LPA by Microsoft, 50 LPA by Infina Labs, 22 LPA by Nutanix, 19.75 LPA by J.P. Morgan Chase, 19 LPA by Porter, 16.3 LPA by Darwinbox, 14 LPA by ZS, 13.2 LPA by Josh Technology
<b>Highest Summer Internship Offers</b>	Summer Internship in Microsoft ( Stipend- 1.25 lakh per month) Summer Internship in J.P. Morgan Chase ( Stipend- 80k per month)
<b>Highest Stipend</b>	80k per month by Porter, 50k per month by Nutanix, 50k per month by Gourmet Jar, 50k per month by Gasyard, 50k per month by AFAHCC Labs, 45k per month by Philips, 35k per month by Schneider, 22k per month by PTC
<b>International Job Offer</b>	50 LPA by Infina Labs (U.S.)
<b>International Internship Offers</b>	Infina Labs (U.S.) ( Stipend- 4.2 lakh per month ) dxb.care, Dubai ( Stipend -53k per month )
<b>Mass Recruiters</b>	194 offers in Capgemini, 177 offers in Cognizant, 126 offers in Infosys, 32 offers in Deloitte
<b>International Research Internship</b>	Hiroshima University, Japan (7 Students)
<b>Companies Visited</b>	100+

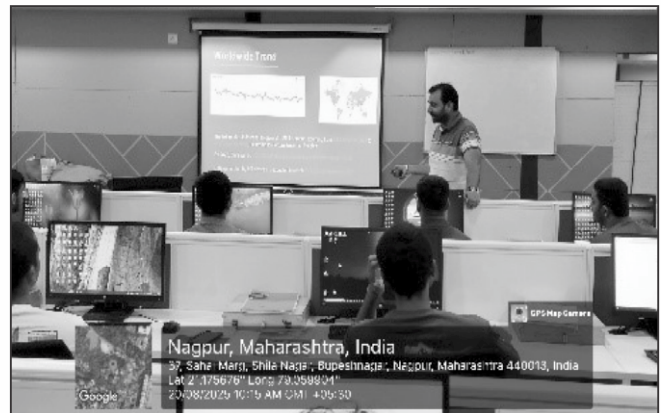
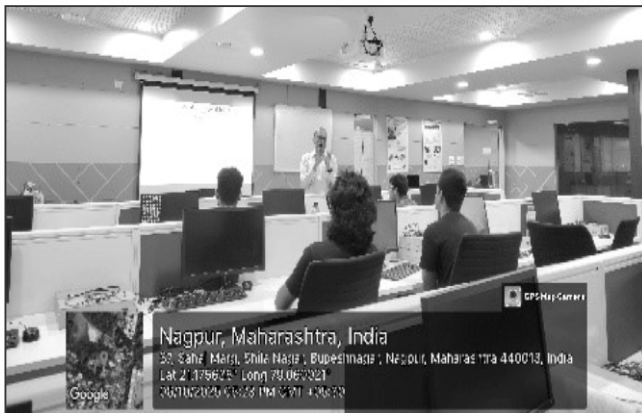
Year	Placements	Higher Education	Total Engagement
2024-25	88%	4%	92%

2024-25	100000
2025-26	420000

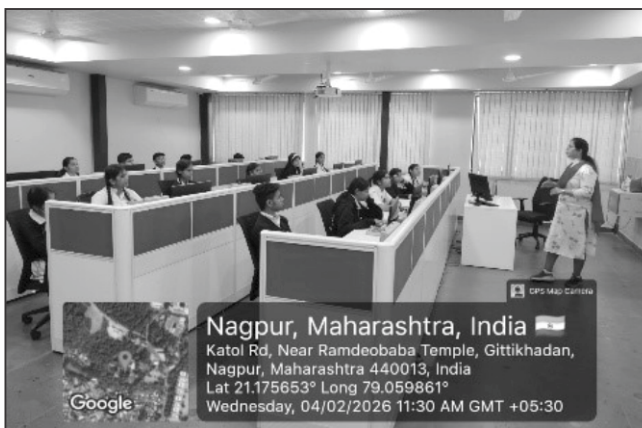
## RCOEM-TATA-CIIT (Center for Invention Innovation Incubation & Training)

### [A] Training Programs :

1] **One month internship** program on “**Internet of Things (IoT)**” was started from 20 August, 2025 for students of **Mechanical Department of Shri Ramdeobaba College of Engineering and Management, Nagpur** from 10.30 am –5.00 pm, held by RCOEM-TATA-CIIT. A total 17 students participated and internship was given by Dr. Suresh Balpande, Dr. Shubham Anjankar and Technical Assistant Mr. Umendra Mukurne.



2] **A one day training** program on “**Solid Modelling, 3D Printing and Internet of Things (IoT)**” was conducted on **4th, 5th and 10th February 2026** for 9th std. students of **Bhavan’s Vidya Mandir, Koradi, Nagpur**, from 10.30 am to 5.00 pm, held at RCOEM-TATA-CIIT. A total of **107** students participated, which was coordinated by Dr. Alok Jha and supported staff Mr. Shrikant Wankhede for Solid Modelling, 3D printing, and Dr. Bhumika Neole, Prof. Shruti Nair, Prof. Snehal Laddha and supported staff Mr. Umendra Mukurne has IoT demonstrated.



3] **A one day training** program on “**Solid Modelling, 3D Printing and Internet of Things (IoT)**” was conducted on **17th February 2026** for 9th std. students of **Bhavan’s Vidya Mandir, Civil Lines, Nagpur**, from 10.30 am to 5.30 pm, held at RCOEM-TATA-CIIT. A total of **43** students participated, which was coordinated by Dr. Alok Jha and supported staff Mr. Shrikant Wankhede for Solid Modelling, 3D printing, and Dr. Bhumika Neole and supported staff Mr. Umendra Mukurne has IoT demonstrated.



## [B] Consultancy & Project :

- Mr. Kartik Baware from Solar Defence and Aerospace Limited, Nagpur consultancy work on the laser cutting and engraving machine for Aerospace Defence work on acrylic sheet on 17/01/26 under guidance Dr. Ambrish Deshpande.
- Mr. Harshal Chaudhari (ME) & his team printed 3D parts for the project of the “Experimental Work to fabricate test specimens from ASA & ABS filaments” based on a 3D software design model, under the guidance of Dr. Y. V. Deshpande on February 04, 2026.
- Mr. Rajat Moon (ME) & his team printed 3D parts for the project of the “Fabrication of prototype model of Topology Optimized coastal armour unit” based on a 3D software design model, under the guidance of Dr. Vishal Shukla on February 05, 2026.
- Mr. Arjjit Shahu (ME) & his team printed 3D parts for the project of the “Detect Microplastics in water” based on a 3D software design model, under the guidance of Dr. Yogesh Joshi on February 06, 2026.
- Ms. Rajlaxmi Suryawanshi, Mr. Aryan Mishra (ME) & his team printed 3D parts for project of the “Assessment of biodegradability & Mech. Performance of 3D printed PLA with varying infill densities” based on a 3D software design model, under the guidance of Dr. A. Chatpalliwar & Dr. A. A. Raut on February 11, 2026.
- Dr. Abhijeet Raut has designed a “Lung Simulator Model” & Printed the 3D parts for Volantis Healthcare Solution, Nagpur.
- Mr. Himanshu Makde (ME) printed 3D parts for the project on “Hybrid Crystal Lattices” based on a 3D software design model, under the guidance of Dr. Himanshu Singh on March 06, 2026.

## [C] Lab Utilization :

- The Elective Lab (Internet of Things [IoT]) at the Machine Learning (CIIT) was utilized by Mechanical Engineering students from Jan 10, 2026 onward, including Batch A1, Batch B2, and Batch B3 by Dr. Vishal Shukla & Dr. Yenorkar Ma'am.
- The Elective Lab (Internet of Things [IoT]) at the Machine Learning (CIIT) was utilized by MCA students from Jan 09, 2026 onward, including Batch A1, Batch B2, and Batch B3 by Prof. Bindiya Turkar.
- The students of 2nd year/4th Sem Mechanical engineering Dept. for KOR at Integrated Manufacturing Lab from 17, 18, 23 & 25 March 2026 onward by Dr. G. R. Nikhade & Dr. Alok Jha.

- Mr. Abhijeet Awasthi from Biomedical Engg. Utilized the laser cutting and engraving machine for the cutting the 12 parts of acrylic sheet on 27/03/26 & 30/03/26 under guidance Dr. Sangeeta Palekar.
- Mr. Rohnit Vegad from ME (Robotics & AI) utilized laser cutting & Engraving machine for the acrylic sheet cutting on 17/03/26 under guidance Dr. T. A. Madankar.



## DJ Visit of Eminent persons to RCOEM-TATA-CIIT :



*Mr. Gurpreet Singh & Mr. Ashish Ohri*



*Prof. Puneet Tandon*



*Prof. Jitendra Katariya, Asso. Prof., Mech. Engg. of Manipal Institute of Technology, Mangalore*



*Tulsiram Gaikwad Patil College of Engineering and Management, Nagpur*



*Mr. Mukesh Joshi, Vice-President of Opus Technologies*

*Mr. Kuldeep Vij, General Manager, Mercedes Benz India*



*Mr. Rajeev Taneja,  
Operating Officer,  
Honda India  
Foundation.*

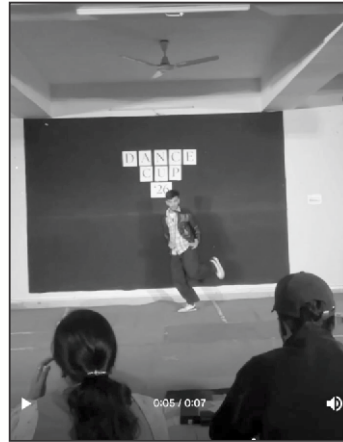


*Dr. S. Swaminathan,  
Sastra University,  
Thanjavur,  
Tamil Nadu*

## Students' Representative Council

### Branch Cup 2026

Dance Cup 2026 was successfully held on 13th January 2026 at the University's EN Auditorium, with participation from 10 branches. The event featured Solo Character Depiction and Thematic Group Fusion rounds, showcasing a mix of classical and western dance styles. Judged by Mr. Abhishek Goenka, performances were evaluated on expression, choreography, and creativity. The event promoted cultural expression, teamwork, and healthy competition, making it a memorable experience.



### Music Cup 2026

SRC successfully organized the Music Cup on 12th January 2026, open to students from all branches. The event featured three rounds-Duet, Group, and Instrumental-providing a platform to showcase musical talent and promote cultural engagement. Judged by Mr. Eshaan Casmir and Mrs. Radha Thengdi, the competition included vocal duets, group performances with instruments, and instrumental acts, all conducted within defined time limits and marked by enthusiastic participation.



## Pratishruti-2026

PRATISHRUTI 2026, the annual cultural fest of Ramdeobaba University, was organised from 25th February to 27th February 2026 with great enthusiasm and vibrant participation. The event aimed to celebrate talent, creativity, and cultural diversity among students while providing a platform for showcasing artistic and intellectual abilities.

### Day 1 : Inaugural Ceremony (25th February 2026)



The fest began with a grand inaugural ceremony in the presence of distinguished dignitaries including Mr. Sarang Dewaikar, Delivery Executive, Tieto Banking; Shri Satyanarayan Nuwal, Chairman, SRSS; and Dr. S. S. Mantha, Chancellor, RBU. The event commenced with the traditional lamp lighting, followed by inspiring addresses emphasizing holistic development.

### Day 2 : Cultural and Competitive Events (26th February 2026)

The second day featured a variety of events including dance (solo and group), singing, drama and skits, fashion show, and literary competitions and quizzes. Students from different departments showcased their creativity and talent, making the day vibrant, competitive, and engaging for the audience.



### Day 3: Final and Closing Ceremony (27th February 2026)



The third day marked the culmination of PRATISHRUTI 2026, featuring final rounds of major competitions, special guest performances, and the prize distribution ceremony. Winners were honored with trophies and certificates, and the event concluded on a high note, celebrating the success of the fest and the efforts of all participants and organizers.

### Conclusion

PRATISHRUTI 2026 was a grand success, fostering unity, creativity, and cultural exchange among students. The event not only entertained but also provided a valuable learning experience, encouraging students to explore their talents and build confidence. The fest left behind cherished memories and set a benchmark for future editions.



## RBU Literature Festival & RBUMUN 2.0

RBU Litfest 2026, organized in association with the Vidarbha Literary Foundation, was a vibrant four-day celebration of literature, creativity, and ideas held from 16th to 19th January 2026. Shri Rahul Pande, State Chief Information Commissioner, Government of Maharashtra, graced the dice as Chief Guest for the inaugural ceremony. The festival brought together eminent speakers, academicians, and students, offering a platform for meaningful discussions, workshops, and cultural exchange. With a focus on the relevance of literature in a rapidly evolving world, the event encouraged critical thinking, creativity, and a deeper appreciation for the written word.



### 17<sup>th</sup> January 2026 - RBUMUN 2.0: Inauguration & Day 1

RBUMUN 2.0 began with an inaugural ceremony graced by Chief Guest Dr. Manoj B. Chandak, Director, Academics, RBU. Over 200 delegates participated across various committees. The day ended with an engaging Socials Night.



### 18<sup>th</sup> January 2026 - Day 2 & Valedictory

The day featured committee sessions, deliberations, and concluded with a Valedictory Ceremony and prize distribution.

### 19<sup>th</sup> January 2026 – Author’s Symposium & Cultural Events



The day included an Author’s Symposium, a Fireside Chat on branding and communication, a mental health session, and concluded with an energetic Heritage Night performance.

## HAPPYHOURS

The Students’ Representative Council organized Happy Hours, an inter-sectional sports event with participation from 30 sections, promoting teamwork and healthy competition.

The event featured multiple sports along with fun activities like a Reel Making Competition and an Easter Eggs challenge. Students displayed great team spirit, and the best-performing section was awarded the title of Best Section. The event concluded on a joyful and celebratory note.



## School of Computer Science and Engineering Department of Computer Science and Engineering

### Research & Publications :

- Khushboo Khurana and Abhijeet Raipurkar published a paper titled, “MsCapsNet: Multi-Scale Capsule Network for Blood Cell Classification,” Indian Journal of Hematology and Blood Transfusion, pp 1-19, Feb 2026, <https://doi.org/10.1007/s12288-026-02318-6>, (SCIE).
- Lalit Agrawal et.al, “Designing Robust Cybersecurity Measures Using Optimization Techniques in Enterprise Information”, Journal of Discrete Mathematical Sciences and Cryptography, Vol 29, Issue 2, pp 1067-1095, (Scopus).

### Patent Granted :

- Dr. Uma Yadav, Prof. Nikita Katariya and Prof. Titiksha Bhagat were granted Design Patent titled “Tyre Pressure Alert Device”. Design No. 484625-001.
- Prof. Nikita Katariya, Dr. Uma Yadav, Prof. Titiksha Bhagat and Prof. Neha Lanke were granted Design Patent titled “Pen With Integrated Scanner.” Design No. 488681-001.
- Dr Sharvari Deshmukh and Dr. Devishree Naidu Bhagat were granted Design Patent titled “Helmet for Miners.”
- Dr Sharvari Deshmukh, Prof Samiha Khan and Prof Ashwini Agashe, were granted Design Patent titled “Asthma Monitoring Wrist Band With Integrated Antenna.”
- Dr. Khushboo Khurana, was granted Utility Patent titled “A System For Accepting Parcel Delivery”.

## Conference, Events & Seminars Organised

### Guest Lectures

- Dr. Uday Khedkar, Professor, CSE, IIT Bombay delivered a lecture on “Research in the Era of Generative AI” for the teaching faculty and students of School of CSE on 14-03-2026.
- Dr. Nitin Salodkar, a renowned technologist, researcher and industry leader, currently serving as Senior Director in the Core AI and ML Team at Freshworks delivered a guest lecture on "Agentic AI and Large Language Models" on 17/01/2026 for the students. The session aimed to provide insights into Generative AI, Large language Model and real word AI system.

### Conferences / STTP / FDP / MDP / Workshop / Seminar etc

- Prof. Dilipkumar A. Borikar attended a one-week online ATAL FDP on Emerging Trends in AI-Powered Cybersecurity organized by BCIIT Delhi during 05 -10 Jan 2026.
- Prof. Dilipkumar A. Borikar attended a one-week online ATAL FDP on Artificial Intelligence and its Applications - GMIT Bhavnagar, Gujarat during 19-24 Jan 2026.
- Atharva Tembhurnikar, Sharvari Deshmukh, Preeti Voditel, and Vedansh Gupta presented the paper titled “Patch-Based EfficientNet–BiLSTM Framework for Ternary Pneumonia Classification from Paediatric Chest X-Rays”, IEEE International Conference on Intelligent Computing, Networks and Security (IEEE IC-ICNS 2026).

- Vedansh Gupta, Preeti S. Voditel, Sharvari Deshmukh, Atharva Tembhurnikar, and Chithraja Rajan presented the paper titled “Building ReflexionGraph: A Practical AI System for Streamlined Legal Strategy in Indian Courts”, IEEE International Conference on Intelligent Computing, Networks and Security (IEEE IC-ICNS 2026).
- Ashwini Agashe, Sharvari Deshmukh, Samiha Khan, and Ayesha Khan presented the paper titled “Detection of AQI Anomalies in Indian Cities Utilizing Self-Supervised Learning (SimCLR) and Isolation Forest”, IEEE International Conference on Intelligent Computing, Networks and Security (IEEE IC-ICNS 2026).

## NVIDIA Deep Learning Workshops

### Workshop-1: One day NVIDIA Certification Course on Fundamentals of Deep Learning

A one-day workshop on “Fundamentals of Deep Learning,” was conducted on 31st January 2026 by Dr. Khushboo Khurana (CSE Department), NVIDIA DLI Instructor, offered by the NVIDIA Deep Learning Institute. The workshop provided hands-on exposure to core deep learning concepts, including model training techniques, data handling, model architectures, data augmentation, and transfer learning, while also enabling participants to utilize NVIDIA GPUs for practical implementation. Limited to a batch of 20 students, the session combined offline instruction with an assessment component required for certification. Upon successful completion, all 20 students from III Years CSE earned the industry-recognized NVIDIA DLI certificate, supporting their technical competency and career development in the field of deep learning.



*Batch of 20 students who completed the course on Fundamentals of Deep Learning offered by NVIDIA Deep Learning Institute.*

### Workshop - 2 : One day NVIDIA Certification Course on Fundamentals of Deep Learning



*Batch of 40 students who completed the course on Fundamentals of Deep Learning offered by NVIDIA Deep Learning Institute.*

Batch 2 of the one-day workshop on “Fundamentals of Deep Learning” was conducted on 14 March 2026 for a group of 40 third-year CSE students. The session was led by Dr. Khushboo Khurana from the CSE Department, an NVIDIA DLI-certified instructor. The workshop offered hands-on exposure to core deep learning concepts, with participants gaining practical experience using NVIDIA GPUs. All students successfully completed the program and earned certification from the NVIDIA Deep Learning Institute.

## ECOTHON

Ecathon, a sustainability-focused hackathon conducted under Prakriti’26, was successfully organized by REEF in collaboration with the RBU ACM Student Chapter on 28th January 2026. The hackathon aimed to provide a platform for students to apply their technical skills creatively to address critical environmental challenges such as climate change, waste management, energy efficiency, and conservation of natural resources. The event encouraged innovation, collaboration, and responsible problem-solving for social and environmental impact.

Ecothon witnessed an overwhelming response with 190 teams (~800 students). Conducted via Unstop, it followed stages of registration, problem release, submission, shortlisting, and a 5-hour on-campus finale. Around 20 teams were shortlisted based on innovation, feasibility, and impact.

The event was graced by Dr. Hemant Barapatre, CEO, Cluematrix Technologies Private Limited, as the Industry Expert and Chief Guest. The evaluation and mentoring process was supported by Dr. Devishree Naidu, Dr. Swaroop Laxmi Mudliar, and Prof. Dhanashree Kuthe Junghare, Sub-Coordinator, RBU ACM Student Chapter, who contributed their valuable guidance and insights during the evaluation process and participant interactions.



*Featuring Experts , Coordinators and ACM Members*

## TECHNOFRENZY 3.0



*Students Participating in Technofrenzy 3.0- Round 2*

Techno frenzy 3.0 was successfully organized by the RBU ACM Student Chapter under the theme “The Shadows of Hollywood!!”. The event was designed to enhance participants’ logical thinking, teamwork, communication, and technical competencies through a series of engaging and interactive activities inspired by Hollywood, Formula 1, and emerging technologies. The competition comprised three distinct rounds, each strategically structured to challenge participants across multiple dimensions while fostering healthy competition and collaborative problem-solving.

Overall, Techno frenzy 3.0 served as a valuable experiential learning platform, enabling students to demonstrate their creativity, analytical abilities, teamwork, and technical proficiency, while actively engaging with the initiatives of the RBU ACM Student Chapter.

## Events Organized by Google Developers Group (GDG) on Campus TechSprint

TechSprint, a flagship innovation hackathon was organized by GDG On Campus RBU in collaboration with Hack2Skill, on 7th January 2026. The event attracted approximately 300 registrations via the Hack2Skill platform, reflecting strong enthusiasm within the student developer community. Following an initial online screening based on innovation, feasibility, technical depth, and practical implementation, the top 90 participants advanced to an intense offline finale. During this round, students from diverse branches such as Computer Science, IT, and Electronics collaborated, brainstormed, and developed prototypes under time constraints, presenting their solutions to a judging panel. The competition was marked by high energy, creativity, and teamwork, with GDG volunteers ensuring seamless execution through effective coordination and mentoring. Evaluations focused on originality, technical execution, real-world impact, and presentation quality, culminating in the felicitation of winners with prizes and certificates. Overall, TechSprint helped in fostering innovation, enhancing problem-solving skills, and significantly strengthening the developer ecosystem at RBU.



*Participants during TechSprint Hackathon Event*

## Pixtopia

Pixtopia, a Technical Competition was organized by GDG On Campus RBU, on 23rd March 2026 for 2nd year students. The event attracted 221 registrations via Unstop, with 135 students actively participating on the day, creating a vibrant and competitive atmosphere. Designed to blend technical rigor with fun and creativity, Pixtopia featured four engaging rounds: an Aptitude round testing logical and analytical skills, a Competitive Programming round that served as the most intense segment with live leaderboard tracking and top scores exceeding 6,100 GC Points, a Guess the Character round that added a fun and interactive pop-culture element, and the grand finale GDG RBU Custom Game, an innovative in-house challenge that stood out as the highlight of the event. Participants from diverse disciplines collaborated in teams, showcasing strong technical abilities, creativity, and teamwork, while GDG volunteers ensured smooth execution and coordination throughout. The event successfully fostered community engagement, healthy competition, and networking, and concluded with prize distribution, including boAt Airdopes and other rewards, leaving participants with a memorable and enriching experience.

## Events Organized By Compusys

### Tech Talk

Compusys, the Student Society of the CSE Department organized a two-day event titled Polaris on 19th and 20th January, featuring a blend of technical and cultural activities. On 19th January, Compusys conducted an insightful Tech Talk by Mr. Naman Vidyabhanu, Founder and Director of Catalysing Dreams and Beyond Pvt. Ltd. The session was organized with the aim of providing practical insights into career growth and learning in the tech domain through interaction with the experienced speaker from the industry.



*Tech Talk Organizing Team with  
Mr. Naman Vidyabhanu,  
Founder and Director of Catalysing  
Dreams and Beyond Pvt. Ltd.*



*Glimpses of Forum Installation*

### Forum Installation

On 20th January, a Forum Installation Ceremony was held with Dr. Gauri Deshpande, Senior Scientist at TCS Research as the Chief Guest. The event marked the formal induction of the new forum members and office bearers, highlighting their roles and responsibilities. Dr. Deshpande inspired the audience with her insights on innovation, research, and leadership, encouraging students to pursue excellence in their respective fields.

### Cultural Night

On the evening of 20th January Compusys organized Polaris Cultural Night where students showcased their talents through dance and singing performances. The prestigious Mr. and Miss Eminence event, which comprised several competitive rounds conducted prior to the main celebration. The shortlisted finalists advanced to the Polaris Cultural Night, where they were given an opportunity to showcase their individual talents before the audience. This segment formed a special highlight of the evening's program. During the cultural night, the finalists presented self-prepared stage performances, including dance, music, and original poetry recitations. These performances added diversity and vibrancy to the event while

allowing participants to express their creativity and confidence. The segment was both engaging and well-received by the audience. Based on their exceptional performances and consistent excellence throughout the rounds, Vedika Hemnani was awarded the title of Miss Eminence, while Noble Wadighare was crowned Mr. Eminence. The event was followed by dinner of all faculties and students

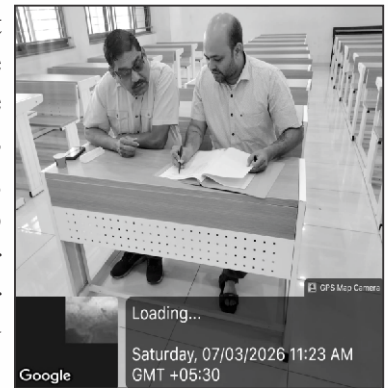


*Students participating in Polaris Cultural Night*

## Departmental Activities

### Parent Teacher Meet

Parent Teacher Meet was conducted on 07th March, 2026 at the Department of Computer Science & Engineering, for IV, VI and VIII Semester. The meeting was commenced by the HoD, Dr. P. S. Voditel, interacted with the parents and students and discussed students' achievements which includes prominent achievements of CSE students, results, placement activities, internships and elevated alumni positions during the meeting. She also suggested various solutions to student's queries for improving their performance. The parents were given the general observation about their ward's performance in the Internal Tests and their overall attendance by class in-charge. The parents suggested various ways of improvement.



## School of Computer Science and Engineering Department of Data Science

### Research & Publications

- Prof. Sruthi Nair published a paper titled, “Smart Groundwater Management: Affordable IoT Based Solutions for Rural Water Supply”, *Waterlines*, Vol 23, pp 2, 2025, ISSN:0262-8104E-ISSN:1756-3488 (Scopus)
- Prof. Sruthi Nair published a paper titled, “Hybrid Machine Learning Based Strength and Durability Predictions of Polypropylene Fiber-Reinforced Graphene Oxide Based High-Performance Concrete”, *Iranian Journal of Science and Technology - Transactions of Civil Engineering*, ISSN 22286160 (Scopus).
- Prof. Sonam Chopade published a paper titled, “Artificial Intelligence Meets Nail Diagnostics: Emerging Image-Based Sensing Platforms for Non-Invasive Disease Detection”, *Bioengineering*, Vol 33, Issue 1, ISSN 2306-5354 (Scopus).
- Dr. Supriya Gupta Bani published a paper titled, “Mining large-scale data using AI-integrated lattice and poset structures”, *Journal of Discrete Mathematical Sciences & Cryptography*, ISSN 0972-0529 (Print), ISSN 2169-0065 (Online) (Scopus).
- Dr. Chetana Thaokar published a paper titled, “Smart Scheduler Generator’ in ‘5th International Conference on Innovative Practices in Technology and Management”, organized by Amity University, Noida, Feb 2026, IEEE.
- Prof. Gaurav Divtelwar published a paper titled, “Building With LLMs: Strategies for Real-World Business Implementation”, ‘International Conference on IGI, Globals’, organized by New York, London, 2026.

### Guest Lectures Organised By Department

- On 30 January 2026, a session on “Data Warehouse on Cloud” was conducted for VI Semester Data Science students at Ramdeobaba University. The session was delivered by Dr. Swapnil Shrivastava with a total participation of 70 students. The program focused on enhancing students’ understanding of modern data warehousing concepts on cloud platforms while also addressing Technology Trends Awareness and Career Counselling, helping students align their technical skills with current industry demands and future career opportunities.
- On 10 January 2026, an Awareness Session on Community Engagement Project and Problem Statement was conducted for IV Semester (Data Science) students at Ramdeobaba University. The session was delivered by Mr. Nakul Agrawal with a total participation of 150 students. The session aimed to guide students on project development, problem identification, and community engagement while also promoting Technology Trends Awareness, helping students connect academic learning with real-world applications.

## Department-Hosted Competitions Or Fests:

### Events held under “Aakruti ’26” – The Annual Departmental Fest (20 January 2026)

#### DSPL 2026 – Cricket Tournament

The Data Science Premier League 2.0 (DSPL 2.0) was successfully organized by the Data Science Association (DASCA). The tournament brought together enthusiastic players from Data Science 3rd Year, Data Science 4th Year, and IT 3rd Year.



*Team Captains with  
Dr. A. Karandikar (HoD, Data Science)*

#### Aakruti ’26 – Inaugural & Cultural Evening



*Banner reveal and Balloon Ceremony – Aakruti ’26*

Aakruti ’26 was successfully organised by DASCA, providing students with a blend of technical learning, competitive events, entertainment, and cultural celebration. With enthusiastic participation, smooth coordination, and vibrant energy, the fest created lasting memories and strengthened student engagement across the university.



*Cultural Night, Aakruti ’26*

#### Desi Debug (Escape Room)

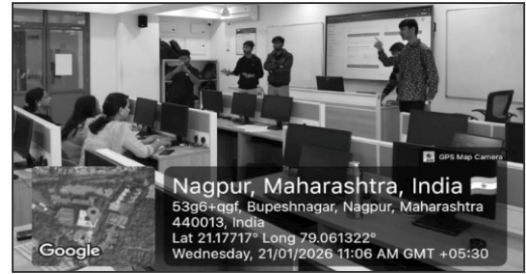


*Student instructing participants  
during Desi Debug event*

The Escape Room event was conducted from 9.00 AM onwards at DT-701, where students enthusiastically participated in solving exciting challenges. The event tested participants’ problem-solving, analytical thinking, and teamwork skills under time pressure. Students worked in groups to decode clues and complete tasks, making the session highly engaging. Vibe Coding was organized to encourage participants to build creative, innovative, and user-friendly projects under time constraints. Both the events created a fun and competitive environment, with a prize pool adding to the excitement.

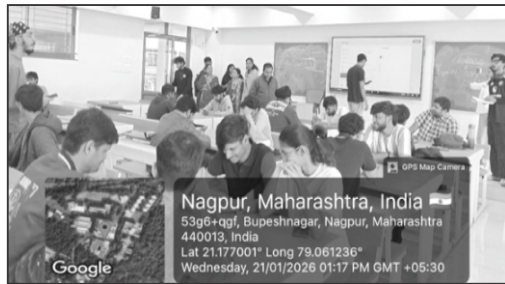
## Project Expo

The Project Expo was organised from 10:30 AM onwards at DT-609, providing a platform for students to present their innovative projects and technical ideas. Participants showcased models, research concepts, and creative solutions, reflecting their knowledge and practical implementation skills. The expo encouraged learning through interaction and discussion among students. Overall, it was an inspiring and informative event that highlighted student talent and innovation.



*Students Presenting their Projects*

## Royal Rampage



*A glimpse of the Royal Rampage event*

The Royal Rampage event was held from 12:00 PM onwards at DT-612, drawing active participation from students. The event was full of energy and excitement, creating a strong competitive spirit among participants. Students displayed enthusiasm, confidence, and determination while competing in various rounds. The event successfully added thrill and engagement to the technical segment of Aakruti.

## Radiance

The Radiance competition began from 12:00 PM onwards, consisting of the 1st and 2nd rounds at DT-701, which included a Group Discussion (GD) and Interview. Participants displayed strong presentation and speaking skills, making the event highly competitive and impactful.



*A Participant performing in the Radiance event round*



*A Participant during E-Sports event conduction*

## E-Sports

The E-sports tournament was organised from 10:00 AM to 3:00 PM at DT-509, where students participated with great excitement. Popular games like FIFA attracted a large number of participants and spectators. The tournament created a fun and energetic environment, boosting engagement and competitive spirit.



Prize Distribution Ceremony at the hands of HoD (Data Science) and HoD (AICS) – Aakruti 2026

## Student Achievements



Students of 6th Semester Participated in Advantage Vidarbha-2026 with their Community Engagement Project “EduApp” on 6th, 7th, & 8th February 2026



Students of 4th Semester Participated in Patent Industry Connect (PIC), Advantage Vidarbha 2026 for Pitching round of prototype and patents on 28th January 2026, with their Community Engagement Project “EduSync: IoT-Based Portable Dual-Biometric Hybrid Attendance System”



Students of 4th Semester Participated in Advantage Vidarbha 2026 with their Community Engagement Project “EduSync: IoT-Based Portable Dual-Biometric Hybrid Attendance System” on 6th, 7th, & 8th February 2026.



Students of 6th Semester Participated in Advantage Vidarbha-2026 with their Community Engagement Project “EduApp” on 6th, 7th, & 8th February 2026



Students of 6th Semester Participated and secured Runner-Up position in the INDIA-ISRAEL Hackathon and Symposium on “The Circular Economy Water Challenge” with their Community Engagement Project “Jal-Rakshak” organized by G H Raisoni University, Saikheda on 28th to 29th January 2026.



Students of 4th Semester Participated in ABYUDAYA 25.0 with their Community Engagement Project “Virtual Management System” on 8th February 2026.



Students of 4th Semester Participated in ABYUDAYA 25.0 in Project Competition on 8th February 2026.



Students of 4th Semester Participated in ANVESHAN'26 organized by Dept of Electrical Engineering and IEEE PELS & IES Students JT. CHAPTER, RBU with their Community Engagement Project “EduSync: IoT-Based Portable Dual-Biometric Hybrid Attendance System” on 7th March 2026.

## Departmental Activities

### Parent-Teachers' Meet

The departmental Parent-Teachers' Meet (PTM) was successfully conducted on 7th March 2026 at Ramdeobaba University, Nagpur, with the objective of fostering effective communication between parents and faculty members regarding students' academic progress and overall development. The event witnessed active participation from parents, teachers, and students, creating a collaborative platform to discuss performance, attendance, strengths, and areas of improvement. Faculty members provided detailed insights into students' academic achievements, behavioural aspects, and involvement in co-curricular activities, while parents shared valuable feedback and concerns. The interaction helped in identifying strategies to enhance students' learning outcomes and personal growth. Overall, the PTM was a constructive and engaging initiative that strengthened the partnership between parents and the institution, contributing positively to students' academic journey.



Parents interacting with HoD (Dept. of Data Science) during the PTM

## School of Computer Science and Engineering (CSE) Artificial Intelligence and Cyber Security

### Research & Publications

- Dr. Yogesh Thakare, Deshmukh, Mayuri Tushar, et al. "From Drops to Decisions: AI/ML-Driven Biofluidics for Clinical Diagnostics and Healthcare Intelligence." *Analytical Chemistry* 98.1 (Jan 2026).
- Pranali R. Dandekar, Lonkar, Bhupesh, et al. "A review of hybrid clustering and routing protocols for the hotspot problem in wireless sensor networks." *Peer-to-Peer Networking and Applications* 19.1 (Feb 2026).
- Dr. Yogesh Thakare, Kale, Pawan D., et al. "A novel quadband antenna with circular patch and modified Sierpinski gasket fractal ground structure for next-generation wireless communication system." *Journal on Wireless Communications and Networking* (Feb 2026).
- Dr. Rashmi Welekar, Ketaki Naik, Dinesh Kute, Zokir Mamadiyarov, Shweta Goyal, Vaibhav Arjunrao Parjane, Symmetric cryptographic systems enhanced with AI-aided group theory models, *Journal of Discrete Mathematical Sciences and Cryptography* (Feb 2026)
- Dr. Rashmi Welekar, Harshala Shingne, Diptee Ghusse, Charanjeet Dadiyala, Federated deep learning-driven decentralized and cost-aware cloud resource management for load balancing and SLA optimizations, *Discover Computing* (March 2026)
- Dr. Amit Pimpalkar, Somkunwar, Rachna, et al. "Investigating stock price prediction in the Indian electric vehicle sector using machine learning." *International Journal of Intelligent Systems Technologies and Applications* (March 2026)
- Charanjeet Dadiyala, Priyanshi Acharya, Saloni Vishwakarma, Sharvari Gohane, Samrudhhi Rathi, Browser Extension for Secure Session Parameter Handling and Hyperlink Modification, *ICAIQSA Conference (IEEE, March 2026)*
- Dr. Rashmi Welekar, et al. "Browser Extension for Secure Session Parameter Handling and Hyperlink Modification." *2025 International Conference on Artificial Intelligence and Quantum Computation-Based Sensor Application (ICAIQSA). IEEE, (March 2026).*
- Dr. Amit Pimpalkar Book Chapter AI-Driven Framework for Generating Informative Summaries from YouTube Videos Using GPT-3 in Book *Artificial Intelligence and Sustainable Innovation*, Talyer and Francis, Scopus, Jan 2026.
- Dr. Amit Pimpalkar Book Chapter Enhancing FAANG Stock Prediction Using LSTM, Data Normalization, and Optimization Techniques in Book *Artificial Intelligence and Sustainable Innovation*, Talyer and Francis, Scopus, Jan 2026.

## Patent Granted

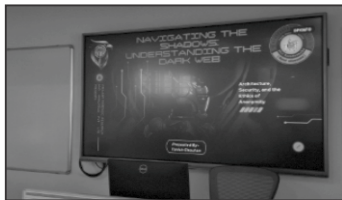
- Mobile Phone Cover with Earpods Case, Inventor: Yogesh Thakre; Co-inventors: Nikhil Gupta, Mr. Dhruv Totala, Mr. Utkarsh Pasari; Granted on 02 March 2026.
- Radar System for Obstacle Detection and Security Applications, Inventor: Chithraja Rajan; Co-inventors: Sahil Jadhav, Raunak Agrawal, Nayan Tiwari, Aashray Kusumbe; Granted in February 2026.
- Vehicle Detection Device for No Parking Area, Inventor: Chithraja Rajan; Co-inventors: Mayuri Lakhotia, Zainab Khan, Sakshi Kubitkar, Parul Nakhate, Anuja Vaidya; Granted in March 2026.
- Door Locking System, Inventor: Chithraja Rajan; Co-inventors: Monis Sheikh, Pranay Chirde, Yogendra Thakre, Deepak Jaiswal, Sneha Rao; Granted in March 2026.

## Conference, Events & Seminars Organised Workshops, seminars, guest lectures

Guest Lecture on AI Compliance and Red Teaming was an immersive industry interaction which provided key insights into the framework to develop AI guardrails for security and data leak prevention. Students understood the flow of persistent Red teaming activities and methods of initial compromise.



Guest Lecture on AI Compliance and Red Teaming was an immersive industry interaction which provided key insights into the framework to develop AI guardrails for security and data leak prevention. Students understood the flow of persistent Red teaming activities and methods of initial compromise.



Workshop on Navigating the Darkweb. Students got Hands on Experience in gathering crime intelligence on dark web and malicious services like carding, hosting a malicious website on darkweb and web scraping using Magic Bullet. Attendees have signed a legal indemnity and ethical use policy document.

Guest Lecture on Corporate Security Best Practices: OSINT in MNCs and Software Security Hardening. Students understood real life SOC situations. The difference between CTFs and industry security scenarios and how to ship secure code from the development phase itself.



## Workshop Attended

Foundations of Quantum Technologies, Attended by: Dr. Suresh Balpande, Prof. Kaushik Roy, Dr. Amit Pimpalkar, Dr. Nisarg Gandhewar, Prof. Dev Mukherjee, Prof. Abhinay Gudadhe, Prof. Sameer Temburney; Organised by Physics Department, School of Humanities and Sciences, Ramdeobaba University, Nagpur; Dates: 16th–18th March 2026.

## Involvement in student mentorship or placement programs

**Ms. Narayani Singh** (BTech (CSE: CYBER) 2024 ): Member of EC-Council Security Brigade presented shared valuable insights into day to day activities of a SOC Analyst and Security Engineer during a guest lecture at the department.

**Mr. Vedant Madhwe** (BTech (CSE Cyber) 2025): Security Analyst at KPMG presented about the systematic approach in Red Team Testing from initial approach to full compromise.



*Altronix committee, with Ms. Priti Ramakrishna, Dr. Padma Adane , Dean, School of CSE ,  
Dr. Rashmi Welekar ,Head of Department and faculty members from AICS*

The Altronix Installation Ceremony was held at Digital Tower. Guest Ms. Priti Ramakrishna delivered a keynote on Generative AI and Bhartiya GPT. New committee members were inducted, and the event highlighted innovation, leadership, teamwork, and academic excellence for the upcoming tenure.

- The Department of Artificial Intelligence and Cyber Security at Ramdeobaba University successfully organized the AIML Premier League (AIPL) 2025 on 12th October 2025 at the college football ground.
  - The event was organized by ALTRONIX, the departmental committee, to encourage team spirit, strategic thinking, sportsmanship, and collaboration among students.
  - A unique AIPL Auction was conducted in IPL-style format, creating excitement and competitive enthusiasm among participants.
  - Around 83 students participated, with 72 players selected across six teams:
  - The Mavericks
  - Wicket Wizards
  - Boundary Bashers
  - The Knock Out Kings
  - Garud : The Challengers
  - Master Batters
- Each team was given a virtual budget of ₹100 Crore for strategic player bidding, simulating a professional sports league experience.

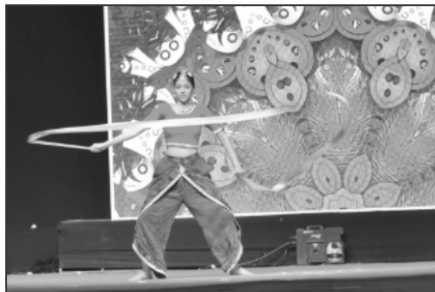
- The tournament matches were conducted in league format followed by finals.
- The final match was played between The Mavericks and Master Batters, where The Mavericks emerged as champions.
- Mr. Saket Karwa (Captain) and Mr. Dhruv Yadav (Vice-Captain) led the winning team successfully.
- Mr. Shubh Dubey received the Man of the Match award for his outstanding performance.
- The event highlighted:
  - Leadership and teamwork
  - Sportsmanship and discipline
  - Student engagement and coordination
- The tournament was conducted under the guidance of Prof. Abhishek Sahu and Prof. Pankaj Jain, whose support motivated participants throughout the event.



- Xpression '26
- The Department of Artificial Intelligence and Cyber Security successfully organised Xpression '26 on 19th and 21st January 2026 in offline mode.
- The event was conducted by ALTRONIX, the official departmental committee, with participation from around 400 students.
- The primary objective was to expose students to emerging technologies, career opportunities, creativity, leadership, and personality development.
- The event featured an inspiring technical talk by Supriya Asutkar on the growing impact of Artificial Intelligence, Machine Learning, Data Science, and Automation across industries.
- Students gained insights into:
  - Latest AI industry trends
  - Career opportunities in technology-driven fields
  - Importance of internships, projects, and continuous skill development
- The program emphasised bridging the gap between academic learning and industry expectations.
- A grand Cultural Night was organised in collaboration with DASCA (Data Science departmental committee), encouraging inter-department interaction.
- Cultural activities included:
  - Music performances
  - Dance performances
  - Ramp walk
- The event promoted:
  - Teamwork and leadership
  - Communication and stage confidence
  - Creativity and student engagement

- Faculty members appreciated the efforts of the organising committee and volunteers for the successful execution of the event.

Xpression '26 successfully blended technical learning with cultural celebration, contributing to the holistic development of students.



- **Dr. Amit Pimpalkar has been offered a position as Editorial Board Member for Scientific Reports at Nature Portfolio and SCIE Q1 Journal.**

Dr. Amit Pimpalkar is honored to have been appointed as an Editorial Board Member of Scientific Reports, a prestigious SCIE Q1 journal published by Nature Portfolio under Springer Nature Limited. This recognition reflects their continued commitment to research excellence, scientific innovation, and contribution to the global academic community. He looks forward to supporting high-quality interdisciplinary research and collaborating with researchers worldwide to advance impactful scientific discoveries.

## Parent Teacher Meet

The Parent's Meet for the IV, VI, and VIII Semesters (Session 2025–26) was successfully conducted on 7th March 2026. Parents and students, including those from the Artificial Intelligence and Cyber Security streams, were informed about the meeting through SMS. The meet was organized in a hybrid mode (both offline and online) enabling active participation and effective interaction between parents and faculty.



## School of Computer Science and Engineering Department of Computer Science and Applications

### Research & Publications

- Dr. Yoginee Pethe and et.al published a paper titled “Enhancing The Light Extraction Efficiency In Micro Light- Emitting Diodes Integrating Advanced Nanophotonic Structures”, Nano-Structures and Nano-Objects, Vol 45, ISSN 2352507X (Scopus).
- Dr. Yoginee Surendra Pethe and et al., has published a paper titled “Predictive Performance Of Nano-Alumina And Zeolite-Based High-Performance Nano-Engineered Concrete: Integrative Application Of Quantum Computing And Machine Learning With Optimization Techniques”, Quantum Machine Intelligence, Vol 7, Issue 2, ISSN 25244906 (Scopus).
- Prof. Achal Rokde has and et.al published a paper titled “Optimization For Seismic-Resilient Reinforced Concrete Frames Under Time History Loading”, Asian Journal of Civil Engineering, Vol 01, January 2026, ISSN 15630854, DOI 10.1007/s42107-025-01623-1 (Springer Nature).

### Conference, Events & Seminars Organised

#### Guest Lecture

#### Placement Preparation for MCA and BCA

A guest lecture on “Placement Preparation” was organized on 14th February to provide students with practical insights into career planning, industry expectations, and employability skills. The session was conducted by Ms. Konika Singh, a distinguished alumna, who shared valuable perspectives from her academic and professional journey.



*Ms. Konika Singh Guest Lecture Session*

The lecture focused on key aspects such as understanding industry trends, resume building, interview preparation, and the importance of communication, teamwork, and leadership skills. Through interactive discussions, activities, and a Q&A session, students gained clarity on recruitment processes and developed confidence to approach placements effectively. Overall, the session served as a valuable platform for enhancing students’ readiness for campus recruitment and professional growth.

### Interactive Activities Conducted

#### Memory & Communication Activity (Dance Propagation Game)

Ten participants were asked to stand in a line. The last participant was shown a specific set of dance moves, which he/she had to memorize and pass on to the next person through demonstration. This process continued until the moves reached the first participant in the line. Finally, the moves of the first and last participants were compared.

This activity highlighted the importance of clear communication, observation, accuracy, and information distortion - concepts highly relevant in professional environments.

## Teamwork & Leadership Activity (Craft Paper House Challenge)

Twenty participants were divided into five teams, each consisting of four members and one designated leader. The task was to construct a house using craft paper within seven minutes. The instructions were given only to the team leaders, who had to guide their respective teams.

A twist was introduced where one team member from each group was shuffled and reassigned to another team during the activity. This exercise demonstrated adaptability, leadership effectiveness, coordination under pressure, and the importance of clear instruction delivery - key skills required in corporate settings.



## Student Achievements

### IBM National Hackathon at AURO University, Surat, Gujarat.

The students of the Department of Computer Science and Applications, Ramdeobaba University, Nagpur, actively participated in the IBM National Hackathon 2026, organized at AURO University, Surat, on 23rd and 24th March 2026. The hackathon provided a national-level platform for students to showcase their technical skills, innovation, and problem-solving abilities while competing with participants from across the country.



### Participation Details



Two teams from Ramdeobaba University participated in the hackathon across distinct domains : Web Application Development and Data Analytics & Dashboard (Power BI). The event witnessed participation from approximately 80 teams nationwide, making it highly competitive and intellectually engaging.

During the hackathon, teams worked on assigned problem statements, developing innovative and practical solutions within a limited time frame through effective collaboration and task division. Notably, the Data Analytics team created an interactive Power BI dashboard using advanced DAX functions, showcasing strong analytical capabilities, data visualization skills, and practical application of tools.

### Achievement

The Data Dashboard team from Ramdeobaba University secured a position among the Top 10 teams in the competition, which is a significant achievement at a national-level hackathon with wide participation.

### Internships or Placements Statistics

Year-Wise Statistics	2025-26
Internships	104
Total No. of Students	192
Total Placed students	82
Placement Percentage	44% (Ongoing)
Highest Package (LPA)	8.2
Highest Stipend (LPM)	25000
Total Companies Visited	25+

## Participation in Advisory Boards or Commi

Dr. Rakesh Kadu, HoD, DCSA has interacted with MCA Alumni of 2024 & 2025 batches for Academic scheme and syllabus overview with them on 28-March-2026 in his cabin with respect to current industrial requirements. Few Alumni had given suggestions for the improvement in the direction of Software Engineering course being converted into a core course rather than a basket course. Also they suggested that communication is very important and communication skills to be included for better employability. Moreover it is recommended to include case studies based on client communication. The importance of prompt engineering was also stressed by them to be imparted in the curriculum. They suggested to conduct guest lectures on 'Job Roles with respect to Industry'. Dr. Rakesh Kadu, HoD had warmly appreciated the suggestions made by them and also shared the latest happenings going on in the RBU for improvising the academics as such.



*Dr. Rakesh Kadu, HoD interacting with MCA Alumni*

## Departmental Activities

### Parent Teacher Meet

A parents-teacher meeting was conducted on 7th March, 2026 for Semester-IV students. Parents of MCA(AI&ML) and BCA students attended the meet. The main objective of this meeting was to get the feedback from parents regarding the teaching learning process being followed by the Department, get useful suggestions from them, and also convey their ward's academic performance as well as college attendance. Parents appreciated the teaching quality, discipline maintained in department. They praised the learning environment and practical knowledge development satisfactory.

Also they have given suggestions for providing bus facility for student and making thumb attendance system.



*Dr. Rakesh Kadu, HoD DCSA interacting with the Parents during PTM*



*Class teachers interacting with the Parents during PTM*

## Induction Program

### CHRYSALIS 2K26

Chrysalis 2K26, conducted from 17th to 19th January 2026, was a three-day departmental fest aimed at promoting holistic student development through technical, sports, and cultural activities. The Backdrop and Creative Team ensured consistent visual presentation, creative execution, and smooth coordination across all events using innovative concepts like “Best Out of Waste” and effective technical collaboration.



### 17th January – Technical Day

The Technical Day focused on innovation and problem-solving through events like the 24-hour hackathon (Code Catalyst), coding contest (Algo Arena), and strategic gaming (BGMI). It provided a practical platform for students to enhance technical skills, teamwork, and analytical thinking.



*Technical events going on during Chrysalis*

### 18th January – Sports Day



*Students participating in sports*

The Sports Day promoted teamwork and sportsmanship through Volleyball and Tug of War events. With enthusiastic participation and smooth coordination, the event created a vibrant and energetic atmosphere, strengthening unity among students.

### 19th January – Inaugural Event

The inaugural ceremony formally commenced Chrysalis 2026 with traditional rituals, guest addresses, and recognition of student achievements. It set a motivating and disciplined tone for the entire fest.



*Technical events going on during Chrysalis*

## 19th January – Cultural Night



The Cultural Night showcased diverse performances including dance, drama, and music. With advanced stage setup and strong student participation, it served as a vibrant and memorable conclusion to the event. Chrysalis 2K26 was successfully executed, offering a balanced platform for technical growth, physical activity, and cultural expression. The event strengthened teamwork, leadership, and overall student development.

## National Election Day Oath Taking Ceremony

The MCA Department organized an oath taking ceremony on 23rd January 2026 in observance of National Election Day. Students and faculty members collectively took the voter's pledge, affirming their commitment to participate responsibly in the democratic process and to encourage ethical voting. The program created awareness regarding the importance of voting and responsible citizenship.



*National Election Day Oath Taking  
at MCA Department*



*Students giving AMCAT-2 exam  
in MCA department lab*

## AMCAT Test - 2

As per the upcoming placement season for 2027 passing batch, the CDPC coordinators along with MCA faculty members conducted the AMCAT Test-2 on 14th March, 2025. Total 154 students of MCA Semester-1, participated in the test. The day long activity was divided in two sessions. Each session was of 3 hours. Total 3 labs for these two sessions were engaged for this event, Dr. S.S. Uparkar was the activity incharge and Prof. Vidhi Pitroda as co-activity incharge.

## School of Electrical and Electronics Engineering

### Department of Electronics and Communication Engineering

#### Research & Publications

- Dr. S. B. Pokle published a paper titled, “Reinforcement Learning-Based Beam-Forming for Massive Multiple-Input Multiple-Output Systems: A Robust And Energy-Efficient Approach”, Journal of High Speed Networks, Vol 32, Issue 1, pp 1-21, Feb.26, ISSN:0926-6801, E-ISSN:1875-8940, DOI: 10.1177/09266801261419602. (Scopus).
- Ankita Harkare. et al. published a paper titled “Root Cause Analysis of Global Semiconductor Shortage: A Comprehensive Theoretical Framework”. Journal of The Institution of Engineers (India): Series C 107, pp 73–82. (2026), Electronic ISSN 2250-0553, Print ISSN 2250-0545, <https://doi.org/10.1007/s40032-025-01300-x>. (Scopus).
- Dr. Prasheel Thakre published a paper titled “AI-Assisted Detection of Early Renal Dysfunction: Advancing Precision Medicine In Kidney Care” journal KIDNEYS, Jan 2026,ISSN:2307-1257,E-ISSN:2307-1265, <https://doi.org/10.65327/kidneys.v15i1.609>. (Scopus)

- Dr. Prasheel Thakre published a conference paper titled “Comparative Analysis of 5G Technologies” in IEEE Explore digital library through International Conference on Electronics and Computing, Communication Networking Automation Technologies (ICEC2NT), Pune, India, 2025, pp.1-6, Feb 2026, Electronic ISBN:979-8-3315-2345-9, DOI:10.1109/ICEC2NT65402.2025.11379947. (Scopus)

## Patent Granted

- Dr. P. R. Selokar, was granted a patent titled, "A Smart Garbage Bin". Design No 202221053598.
- Dr. Prasanna P. Deshpande and Dr. Nishant M. Borkar were granted a Design patent titled “3d Scanning Device”. Design No. 486595-001
- Dr. Ankita Harkare and Dr. Bhumika Neole were granted patent titled “A System For Detection and Repelling The Noxious Living Beings”. Design No 202121001908.
- Dr. S. B. Pokle Filed a Patent on, “A System for Monitoring Exhaust Emissions of Vehicles” on dated 17-2-2026, Application No. 202621017799

## Conference, Events & Seminars Organised

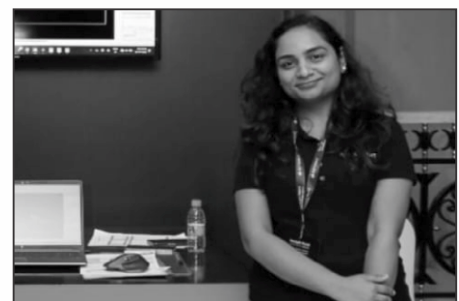
### Curriculum Enrichment Workshop

The Department of Electronics and Communication and Electronics Engineering organized a Curriculum Enrichment Workshop on 7th March 2026 to review and enhance the academic curriculum. The workshop focused on incorporating emerging technologies such as AI, 5G/6G, IoT, and cybersecurity into the syllabus. The workshop was attended by Mr. Sravan Kumar Chintkuntlawar, Director, Silicon Design Engineering, AMD, Hyderabad, Mr. Nilesh Mahajan, Vice President, Jio Platforms Limited, Mumbai, Mr. Piyush Gupta, Senior Engineering Leader, Texas Instruments, Bangalore, Mr. Shriniwas Vorgunti, from Engineering Management, Data Center and Networking at Google, Yogesh Gathoo, Director of Software Engineering at HERE Technologies, and Dr. K. M. Bhurchandi, Professor at VNIT, Nagpur, as an academic expert.

Experts from industry and academia shared valuable insights on skill development, employability, and industry expectations. Discussions emphasized project-based learning, practical exposure, and integration of industry-relevant tools and certifications. Key suggestions included strengthening foundational knowledge, introducing micro-projects, and enhancing interdisciplinary learning. The workshop also highlighted the importance of communication skills, internships, and real-world problem-solving. Proposed curriculum update aims to align education with current technological trends and future industry needs. The session concluded with a discussion on roadmap for curriculum improvement and effective implementation strategies.

### Technical Workshop on “Enabling Advanced RFIC / MMIC Design For Aerospace & Defense Systems Using EDA Tools.”

The Department of Electronics and Communication Engineering organized a technical workshop on “Enabling Advanced RFIC/MMIC Design for Aerospace & Defense Systems using EDA Tools.” The session was conducted on 5th February, 2026 and witnessed active student participation. The workshop was delivered by Ms. Shrutika Solat, Senior Solution Engineer, Keysight Technologies, Bangalore. The session provided practical insights into RFIC/MMIC design and industry-relevant EDA tools. Students gained exposure to advanced design techniques, current trends, and real-world applications. Overall, the workshop was highly informative and enhanced students’ technical understanding.



*Shrutika Solat, Senior Solutions engineer,  
Keysight Technologies Guest Speaker*

## Outreach Program

Dr. S. B. Pokle attended second BoS meeting for syllabus modifications for Department of Electronics and Telecommunications, at Sipna College of Engineering and Technology, Amravati, on 12-02-2026.

## Departmental Activities

### Parent-Teacher Meet

Parent-Teacher meeting was organised for the session 2025-26 on 14th March 2026. Parent-Teacher Meeting coordinator Dr. (Mrs) A. H. Harkare welcomed the parents and emphasized on the need of developing an enhanced communication between parents and faculty to serve as a bridge in fulfilling expectation of parents and students especially during this online mode of teaching.



*HoD addressing Parents Teachers Meet*

Head of the Department addressed the parents about the support mechanisms and activities carried out to fulfil overall development of the students. Parents were also made aware about the academic and exam rules, guidelines and detention rules. Performance of students in test and their overall attendance percentage was shown to the parents by the class teachers. Placement initiatives by the department were discussed.

### Students Industry Visit

2nd students of the ECE, Section-A, visited industry Shivam Foods Parle Ltd on 7th February, 2026. While the core curriculum focuses on electronics, this visit aimed to provide students with a cross-disciplinary look at high-speed automated manufacturing, quality control, and the large-scale industrial processing used in the food industry. Faculty members Dr. B. Neole, Dr. P. R. Selokar, Dr. A. P. Nilawar and Prof. V. S. Lande accompanied 33 students on this educational visit.



*Briefing session to students with faculty related to products and safety.*



*Felicitation of Mr. Ajay Petkar by the EC Faculty*

## EKATRA'26

EKATRA'26 was organized by the ECE Department on January 23, 2026, under the Communique Students' Society. The ceremony began with the traditional lamp lighting in the presence of Chief Guest Mr. Ashish Shrivastava, Pinnacle, Nagpur Dr. S. S. Mantha, Chancellor, Dr. R. S. Ochawar, Head of the ECE Department, Event incharge Dr. P. N. Thakre and other faculty members, and student representatives. Student achievers were felicitated, and the department's annual magazine was launched.



## EKATHON



As part of EKATRA'26, under the banner of the Communique Students' Society, successfully organized "EKATHON: Code of The Cursed" on January 22, 2026, in EC-302 for first- and second-year ECE students. Coordinated by Dr. Prasheel Thakre, Prof. V. S. Lande, and the student organizing team, the horror-themed hackathon provided an exciting platform for participants to showcase their analytical thinking, coding ability, teamwork, creativity, and real-world problem-solving skills.

## Friendly Fire

Under the banner of the Communique Students' Society, successfully organized Friendly Fire on January 11, 2026, for the first- and second-year ECE students at the university sports grounds. Conducted under the guidance of Dr. Prasheel Thakre and faculty coordinators, the event featured a vibrant mix of fun and competitive games including Lagori, Dog in the Bone, Basketball, Volleyball, and Futsal, creating an energetic atmosphere filled with enthusiasm, teamwork, and sportsmanship.



## Mr. and Ms. ECE



The Department of ECE under the aegis of the Communique Students' Society, successfully organized the Mr. and Ms. ECE event for first-year students on 22nd and 23rd January 2026 at the Football Ground. The competition saw enthusiastic participation from 70 first-year students, highlighting their interest in holistic development.

After evaluation, Ms. Surmayee Deshpande and Mr. Dev Goyal were crowned Ms. and Mr. ECE. The event added

vibrant atmosphere to EKATRA'26 while boosting confidence, healthy competition, and overall personality development.

## Cultural Night

The Communique Students' Society successfully organized Cultural Night on 23rd January 2026 at the Football Ground, bringing together nearly 600 students from the ECE and EE departments along with faculty and staff for an evening of celebration, talent, and togetherness. The evening also featured energetic dance performances by students from different years and sections, a stylish ramp walk, announcement of results of major EKATRA'26 events such as Ekathon, Friendly Fire, and Mr. and Ms. ECE, followed by dinner and joyful celebrations.



## School of Electrical & Electronics Engineering

### Department of Electronics Engineering

#### Research & Publications

- Dr. Richa Khandelwal, Neha S. Ingole, Aadarsh Nagrikar, Bhuvan Patle, Rutuja Karemore, and Gitesh Sawatkar published a paper titled “Precision-Driven AI Smartphone-Based Sensor System for Fingernail-Based Noninvasive Disease Detection”, IEEE Sensor Letters, Jan 2026, ISSN: 2475-1472 (SCOPUS).
- Dr. Richa Khandelwal, Om Kamatkar, and Zeba Fatma Khan published a paper titled “Visual to Touch Transformation (VtTT) : Piston-Powered Braille Display”, IEEE Internet of Things Journal, Jan 2026, (SCIE).
- Dr. Meghana A. Hasamnis, and Kavita Manekar has published a paper titled “Comparative Chemiluminescence Sensing of Hydrogen Peroxide Using a Miniaturized Chip Using Cobalt Catalyst Versus Electrogenenerated Emission at a Graphite Electrode”, IEEE Sensor Letters, Feb 2026, ISSN 2475-1472 (SCOPUS).
- Jitendra B. Zalke, Dinesh Ramkrushna Rotake, Arpita Parakh, Shubham C Anjankar, Shiv Govind Singh and Ranjana Singh published a paper titled “Graphite–ZnO Nanofiber-Decorated GCE for Label-Free Gene-DprE1 Sensing: Toward Rapid MDR-TB Diagnosis”, Electrocatalysis, March 2026, ISSN 1868-2529 (SCIE).
- Pravin Dwaramwar, Vijay R Sonawane, Ved Prakash Mishra, Bhausahab B Musmade, and Ravindra G. Dabhade published a paper titled “Construction of improved LIME predictive model for the multiple healthcare data sources”, Systems and Soft Computing, March 2026, ISSN 2772-9419 (SCOPUS).
- Dr. Kanchan Dhote, Arnav Agrawal, and Parul Bhanarkar has published a paper titled “Detecting AI-Generated Impersonations and Deepfake misuse of Nano Banana Outputs”, International Journal of Applied Mathematics, March 2026, ISSN: e-ISSN 1311-1728/1314-8060, (SCOPUS).

#### Research & Publications in Conference

- Dr. Anju Gupta, Dr. Dinesh Rotake, Dr. Anand Darji, presented a paper titled “System-Level Integration of a Chemiresistive IDE Sensor with Wireless Readout for Multi-Ions Heavy Metal Detection”, 6th IEEE Bangalore Humanitarian Technology Conference (BHTC) 2026, March 2026.
- Dr. Pankaj U Joshi, presented a paper titled "Prompt Engineering without Premium Tools: Evaluating ChatGPT's Free Version for Quality and Efficiency", IEEE International Conference on Intelligent Systems, Smart and Green Technologies (ICISSGT – 2026), organized by IEEE VIZAG Bay Section, February 2026.
- Prof. Poorvi K Joshi, and T.S. Thakre presented a paper titled " Software-Based Artificial Intelligence For Intelligent Decision-Making: A Modular Framework", 6th International Conference on Electric Power and Renewable Energy (EPREC-2026), organized by Department of Electrical Engineering, Indian Institute of Technology Bhilai, India, Jan 2026.
- Dr. Archana Tiwari Bharati Masram, presented a paper titled "A LoRa WAN-Enabled Smart Automation Framework for Industrial Applications: Performance and Efficiency", IEEE conference, Feb 2026.

- Prof. Snehal V. Laddha, Bhuvan Patle, Saurabh R. Raut, Devyani Thakre, and Manswi Panpatte presented a paper titled "AI-Driven Intrusion and Malware Detection in Modern Cybersecurity Systems", International Conference on Power, Environment, and Intelligent Systems (PEIS-2026), organized by National Institute of Technology Uttarakhand, India, March 2026.
- Prof. Snehal V. Laddha, Bhuvan Patle, Saurabh R. Raut, Devyani Thakre, and Manswi Panpatte presented a paper titled "Multi-scale cnn–bilstm with attention for intelligent network intrusion detection", International Conference on Power, Environment, and Intelligent Systems (PEIS-2026), organized by National Institute of Technology Uttarakhand, India, March 2026.
- Prof. Vishal Rathee, Abhishek Tripathi, N. Naga Harshitha, Mandava Lakshmi Kavitha, U Sairam Manikanta, Gayathre Priya T, Meghana G has presented a paper titled "Digital Framework for Waste Segregation and Sustainable Resource Management in Educational Institutions", International Conference on Artificial Intelligence Techniques and Smart Computing (ICAITSC 2026), organized by Periyar University Campus, Salem, Tamil Nadu, India, February 2026.
- Prof. Vishal Rathee, Abhishek Tripathi, T Manideep, Y Pardha Saradhi, A Mahendra, S Rushi Ram Sai presented a paper titled " Voice Authentication for Secure Mobile Applications Using MFCC and Machine Learning", 2026 IEEE International Conference for Convergence in Computing Technology (I3CTCON), March 2026.
- Prof. Vikas Gupta, Abhishek Tripathi, Paturu Prathap Reddy, P Harshini, Pedenenikalva Charan Tej Reddy, Ramireddy Vamsidhar Reddy, has presented a paper titled " Hybrid Multi-Feature Analysis for Image Forgery and Deepfake Detection ", in 3rd International Conference on Emerging Trends in Engineering and Medical Sciences (ICETEMS-2026), Organized by YCCE, Nagpur, Date of Conference: 6 - 7 March 2026.
- Prof. Vikas Gupta, Gullapudi Lalith Kumar, Pinnamaneni Praneeth, Chittipolu Kiran Kumar, Kancheti Chaitanya, and Abhishek Tripathi, has presented a paper titled "A Secure Blockchain-Based Architecture for Digital Certificate Generation and Validation", in 3rd International Conference on Emerging Trends in Engineering and Medical Sciences (ICETEMS-2026), Organized by YCCE, Nagpur, Date of Conference: 6 - 7 March 2026.
- Dr. Pankaj U. Joshi, Sandeep Pandey, Pravin Zode, Diyan Ali, Prasad Deshpande, Aditya Jaiswal, and Vaishnavi Mishra has presented a paper titled "Design and Verification of an AXI-Lite to AHB-Lite Bridge for SoC Integration Using SystemVerilog", 2nd IEEE Sponsored International Conference on Electrical and Electronics for Sustainable Innovations (ICEESI-2026), organized by Department of Electrical Engineering, O. P. Jindal University (OPJU), Raigarh, india, March 2026.
- Dr. Pankaj U. Joshi, Sandeep Pandey, Pravin Zode, Diyan Ali, Prasad Deshpande, Aditya Jaiswal, and Vaishnavi Mishra presented a paper titled "Design and Verification of an AXI-Lite to AHB-Lite Bridge for SoC Integration Using SystemVerilog", 2nd IEEE Sponsored International Conference on Electrical and Electronics for Sustainable Innovations (ICEESI-2026), organized by Department of Electrical Engineering, O. P. Jindal University (OPJU), Raigarh, india, Date of Conference: 27-28 March 2026.
- Prof. Shweta P. Yenorkar, M. Shastri, and N. Ninave presented a paper titled " A Biophilic Approach to Digital Fragmentation and Engagement: Mycelial Hub", International Conference on Sustainability

and Innovation in Engineering, Technology & Applied Science (ICSIETS- 2026), organized by Department of Civil Engineering, YCCE, Nagpur, India, February 2026.

- Prof. Nikhil Damle, Gauri Moharikar, and Amol Bhondekar presented a paper titled "IoT Framework for real time PPG and HEart rate monitoring using Embedded controller and Node Red", International Conference on Sustainable Smart Computing and Communication (ICSSCC2026), organized by School of Computer Science and Engineering, Dr. Vishvanath Karad MIT World Peace University Pune, March 2026.

## Patent Filed / Published / Granted

- A design patent titled "Modular Table with Inbuilt Air Purifier Unit" was granted to Prof. Snehal Laddha and Piyush Mahesh Tayde on January 21, 2026.
- A design patent titled "Vortex wet air purification device" was granted to Prof. Vishal Rathee, Dr. Suraj Butoliya, Govind Dhengare, on 29/01/2026.
- A design patent titled "Self-adjusting ceiling fan" was granted to Prof. Prachi Parag Rane, Yeshwant M. Sonkhaskar, Komal Patle, Tushar Sanodiya, on 05/02/2026.
- The utility patent titled "A System and Method for Automatically Cleaning and Sterilizing Petri Dishes" was published on February 9, 2026, by J. A. Shrawankar, Jitendra B. Zalke, and Bidipta Rana.
- The utility patent titled "A System for Detecting a Target Analyte Based on Chemiluminescence" was published on February 10, 2026, by Jitendra B. Zalke, Chirag Singhal, Vani Kaushik.
- The utility patent titled "A System for Detecting Analytes in a Biological Sample" was published on February 11, 2026, by Jitendra B. Zalke, Chirag Singhal, Vani Kaushik, Onkar Yende, Paritosh Patra.
- A design patent titled "Finger worn device for currency recognition" was granted to Prof. Prachi Parag Rane, Sejal Kediya, Shravani Dhanvada, Sakshi Melag, Vaibhavi Baware, on 23/02/2026.
- A design patent titled "Chin stand" was granted to Dr. Gouri morankar, Dr. B.M. Hardas, Komal nibrate, on 23/02/2026.
- A design patent titled "Solar-powered laptop case" was granted to Prof. Prachi Parag Rane, Fayez Erum, Tanishq Thakur, Aryan Rai, Gautam Jha, Maniraj Singh, Om Bawankule, Anuradha Agrawal, on 25/02/2026.
- A utility patent titled "A system for blood analysis" was granted to Dr. Jayu Kalambe, Dr. Sangeeta Palekar, Dr. Rajendra Patrikar on 30/03/2026.

## Faculty Highlights

- Dr. Bhalchandra Hardas's patent titled "A Garbage Bin to Segregate Mixed Household Garbage" (Application No. 20221075857) has been successfully transferred for technology commercialization. The transfer has generated revenue of ₹1 lakh, with VANI Engineering as the buyer.
- Prof. Snehal V. Laddha has delivered a talk on "Quantum Computing" during February 01, 2026, at Washington DC/Toronto Quantum Computing Meetups.
- Prof. Snehal V. Laddha has delivered a Training on IOT during February 07, 2026, at CIIT, RBU, Nagpur.

## Departmental Activities

The Parent-Teacher Meeting for the Fourth, Sixth, and Eighth semester students of Electronics and Computer Engineering/Biomedical Engineering, along with the Second semester Electronics and Computer Engineering students, was conducted on March 14, 2026, and April 4, 2026. The meeting was chaired by Dr. N. P. Narkhede, Head of the Department of Electronics Engineering. He briefed parents on various departmental initiatives aimed at the holistic development of students and highlighted recent academic and administrative changes following the implementation of Ramdeobaba University. During the session, class teacher in-charges presented students' internal assessment marks and attendance records.

Parents were informed about their wards' performance in the class tests and Mid-Semester Examination, and subject teachers discussed individual progress while suggesting measures for improvement. Queries and concerns raised by parents were addressed satisfactorily by the Head of the Department. Parents appreciated the department's continuous efforts and expressed overall satisfaction. The meeting was coordinated by Prof. Jitendra B. Zalke, who concluded the session with a vote of thanks



*Class teacher incharge interacting with parents during the PTM held on 14/03/2026*



*Class incharge interacting with parents during the PTM held on 04/04/2026*



## Department of Electrical Engineering Research & Publications

- M. B. Gaikwad, Dr S. B. Bodkhe, Dr M. V. Palandurkar and Dr S. C. Rangari, "A Comprehensive Review of Recent Developments in Torque Ripple Minimization of Switched Reluctance Motor Drives", International Journal of Engineering Trends and Technology, Vol 13, Issue 3, pp 81-94, March 2026, ISSN: 2348-8379 (Scopus)
- Dr. Shankarshan Prasad Tiwari published a paper titled "A Protection Scheme Based on SVM for Four-Bus DC Microgrid Considering Ground Faults", IEEE International Conference on Electric Power and Renewable Energy (EPREC), organized by the Indian Institute of Technology Bhilai, Chhattisgarh, India, from 2nd – 4th January, 2026.
- Dr. Shankarshan Prasad Tiwari published a paper titled "Multilevel PFC Converters for Efficient EV Battery Chargers", IEEE International Transportation Electrification Conference (ITEC-India), held from 16th - 19th September, 2025.

## Patent Granted

- Prof Ameya Sonerkar was granted patent titled, “A Real-Time Anomaly Detection System,” contributes to the field of computer science by introducing an intelligent framework capable of identifying irregularities in real-time data streams. Patent No. 202521121413.
- Prof Ameya Sonerkar and Dr. Vijaya Huchche were granted patent titled, “A System for In-Flight Electromagnetic Inductive Charging of Unmanned Aerial Vehicles via High-Voltage Transmission Lines,” Patent No. 202521073825.
- Prof Ameya Sonerkar and Dr. Vijaya Huchche were granted patent titled, “An Autonomous Aerial Drone Charging System,” Patent No. 202521121417.

## Workshops, Seminars, Guest Lectures

### Guest lecture on “Understanding Mental and Physical Health in Day to Day Life”

A guest lecture on “Understanding Mental and Physical Health in Day-to-Day Life” was organized on 13th March 2026. Conducted by Ms. Khushi Nashine and Ms. Muskaan Yadav, the session aimed to promote empathy and emotional awareness. Interactive activities and anonymous sharing of personal experiences helped create a comfortable environment and encouraged openness. Students realized the importance of understanding shared emotional struggles. First-year Electrical Engineering students actively participated. The event was organized by Dr. (Mrs.) P. V. Kapoor and Dr. S. C. Rangari.



### Guest lecture on “Career development, Placement and Higher studies opportunities for Electrical Engineer”

A guest lecture on “Career Development, Placement and Higher Studies Opportunities for Electrical Engineers” was delivered on 14th March 2026 by Mr. Omhari Shrivastava, a 2023 EE Batch Alumnus. The session was organized by Dr. Prachi Salodkar, Alumni Coordinator of the Electrical Department, RBU, Nagpur.

He interacted with second, third, and final year students, addressing their queries related to internships, projects, placements, resumes, and corporate life. The session was highly informative and motivated students to explore career and higher study opportunities more effectively.



## Department-Hosted Competitions or Fests

### URJAA-2026

The Electrical Engineering Department of Shri Ramdeobaba College of Engineering and Management, in collaboration with EESA, organized URJAA 2026 on 22nd–23rd January 2026 for Electrical Engineering students. With participation from over 100 students, the event aimed to enhance interaction, promote extracurricular activities, and strengthen departmental unity.



*Glimpse of URJA 26*

The event commenced with a banner reveal in the presence of esteemed dignitaries and faculty members, followed by engaging activities such as a handprint round, games, and a treasure hunt. A lively jamming session and cultural performances added vibrancy to the event. The celebration concluded with the finale of Mr. and Ms. Electrica. URJAA 2026 was a grand success, fostering a strong sense of belonging and enthusiasm among participants.

### VIDYUT 1.0 : Electrical Safety Awareness Initiative (*Electrical Safety: A Shared Responsibility*)



*Glimpse of VIDYUT 1.0*

Electricity is essential to modern life, yet electrical safety is often neglected. Unsafe practices like overloading sockets or using damaged wires can lead to serious hazards. To address this, Vidyut 1.0 was organized as an awareness initiative to educate students on the importance of electrical safety and encourage responsible practices.

The event was held on 7th February 2026 at Ramdeobaba University (RBU) for students across branches. It was organized by the IEEE PELS & IES Student Joint Chapter,

Department of Electrical Engineering, in collaboration with MSEDCL, Nagpur, and hosted by second-year Electrical Engineering students. The program began at 10:30 AM with a lamp-lighting ceremony inaugurated by Dr. U. B. Mujumdar, Dr. G. N. Goyal, and Dr. V. A. Huchche, along with faculty members, setting the tone for a meaningful and impactful session.

### ANVESHAN-26

Anveshan'26, a celebration of technological innovation and creativity, was organized by the IEEE PELS & IES Student Joint Chapter and EESA of the Electrical Engineering Department at Ramdeobaba University, Nagpur, on 6th and 7th March 2026. The event highlighted emerging technologies in defence, electric vehicles, and AI applications.

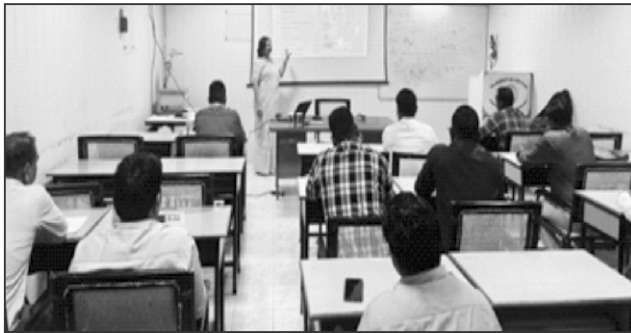


*Glimps of Anveshan 26*

Key events included a Defence Exhibition, Project Competition, and Technical Quiz. Around 30 teams from various colleges participated, showcasing projects on renewable energy, robotics, IoT, EVs, and human safety. The defence exhibition featured modern weapons and surveillance systems demonstrated by an Indian Army team. The second day included the project competition, where experts from industry and academia evaluated innovative ideas. Anveshan'26 was a grand success, reflecting strong technical skills and teamwork among students.

## Faculty invited for - Keynote speeches /Guest lectures / STTP / FDP / Others

- Dr. M. V. Palandurkar delivered a lecture on the topic “Power System Protection & Relays” as a guest faculty on 26th February 2026 in Yantra Institute of Technology and Management, Ambajhari, Nagpur, under three days training programme of defence faculty.
- Dr. P.A. Salodkar delivered a lecture on the topic “Metering and Monitoring System” as a guest faculty on 26th February 2026 in Yantra Institute of Technology and Management, Ambajhari, Nagpur, under three days training programme of defence faculty.
- Dr. S. C. Rangari delivered a lecture on the topic “Operation and Maintenance of RCB,VCB Relay, Metering and Switchgears” as a guest faculty on 26th February 2026 in Yantra Institute of Technology and Management, Ambajhari, Nagpur, under three days training programme of defence faculty.
- Dr. M. V. Palandurkar delivered a lecture on the topic “Switchgear & Protection” as a guest faculty to undergraduate engineering students under banner of the IE(I) student chapter on 17th March 2026 in Nagpur Institute of Technology, Nagpur.



## Internships or Placements Secured

Undergraduate Students VIII semester placements secured

S.No.	Name of Company	Name of Students
1	.Mahindra	Shivam Rao and Mahi Tiwari
2	TCIL	Purn, Bhushan
3	Rockwell Automation	Tanushree Waratkar
4	Dmart	Sahil Gaidhane
5	Avaada	Karan Belekar, Prena Patil, Shreyash Wasekar

## Departmental Activities

### Parent-Teacher Meet

A Parent-Teacher Meeting (PTM) was held on 7th March 2026 at the Electrical Engineering Department. The meeting aimed to review students’ academic performance and overall development. Head of the Department and Class teachers discussed Unit Test performance, attendance, and areas for improvement. Emphasis was laid on regular attendance and punctuality. Parents actively sought feedback, and the department assured necessary support to enhance students’ academic progress.



Glimpse of PTM

## School of Engineering Sciences

### Department of Mechanical Engineering

#### Research & Publications

- B. K. Patle, Drone-Enabled Practices in Modern Warehouse Management: A Comprehensive Review, *Drones* 10 (3), 189, 2026.
- B. K. Patle, UAV-Based QR Code Scanning and Inventory Synchronization System with Safe Trajectory Planning, *Symmetry* 18 (4), 548, 2026.
- B. K. Patle, Numerical Investigation of Thermomechanical Stress and Bending Responses of Elastoplastic Graded Structure, *Physica Scripta*, Volume 101, Number 4, 2026.
- Dr. Y. G. Joshi, "Influence of sensitization duration on the physical properties of chemically synthesized CdTe thin films for solar cell applications", *Material Letter*, Elsevier. (SCIE & Scopus Indexed)
- Dr. Y. G. Joshi, "Passive heat transfer augmentation for productivity enhancement of tubular solar still: An experimental study", *Environmental Progress & Sustainable Energy*, Wiley. (SCIE & Scopus Indexed)
- Dr. Y. G. Joshi, "Impression creep behavior of die-cast MRI230D magnesium alloy", *Materials Science and Technology*, SAGE Publisher, (SCIE & Scopus Indexed)
- Dr. Y. G. Joshi, "Synthesis and characterization of chemically precipitated CdSe nanostructures with emphasis on temperature dependent structural, morphological, and optical behavior." *Material Letter* Elsevier, (SCIE & Scopus Indexed)
- Dr. Y. G. Joshi, "Experimental Investigation Using R134a—Reduced Graphene Oxide—MO-Based Nanosuspension in Vapor Compression Refrigeration", *LNME Springer*. (Scopus Indexed)
- Dr. Gajanan Nikhade; Dr. Alok Jha, Dr. Yogesh Joshi; "Experimental analysis of laser cladded Ni-WC coating on SS410", *Industrial Lubrication and Tribology*, Emerald. (Scopus and SCIE)
- Dr. Vandita Thantharate Shahu published a conference paper "Harnessing the Shape Memory Effect: A short review of Nitinol Engine Applications" at AIP-PROCEEDINGS OF THE MECHANICAL ENGINEERING INTERNATIONAL CONFERENCE (MEICON 1.0), 20 February 2026
- Dr. Vandita Thantharate Shahu presented a conference paper "Design and fabrication of economical mix mode passive solar dryer", at 23rd ISME International Conference on Recent Advances in Mechanical Engineering (ICRAME), NIT Silchar, on 1/1/2026
- Dr. Ashish Urade published a paper "Comparative Study of Heat Transfer of Different Fin Geometries: Theoretical and Simulation Approach", *Lecture Notes in Mechanical Engineering*. Springer, Jan 2026.

#### Patent Granted

- Dr. P. S. Deole was granted Design Patent titled "an egg incubator" on 26/03/2026
- Mangesh Joshi was granted Utility Patent titled No. 583409 for "A System for Tea Making with Tea Bags." granted on 16th March 2026.

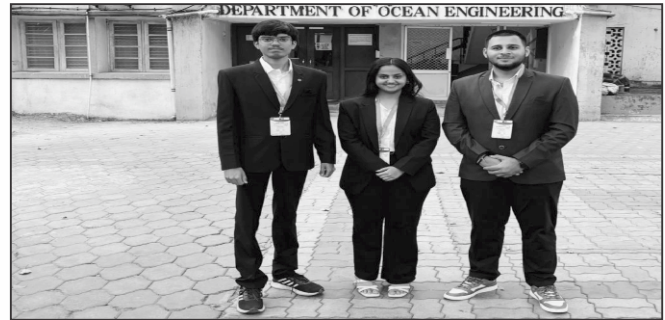
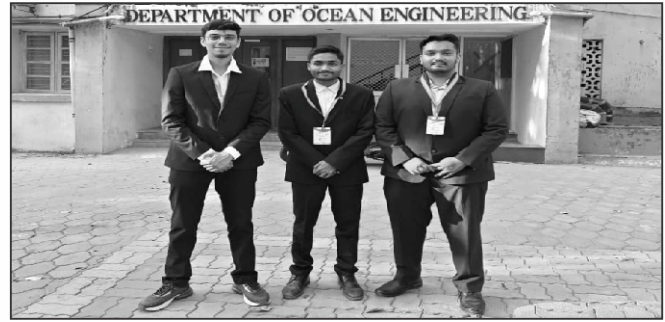
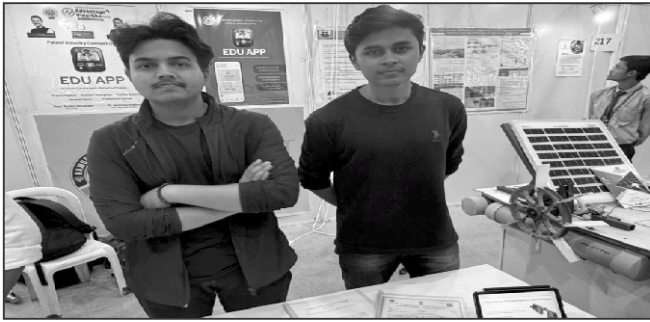
- Dr. Vandita Thantharate shahu was granted Design Patent on 25/01/2026, AN ANNULUS CYLINDRICAL DIRECT CONTACT MEMBRANE DISTILLATION SYSTEM, number : 202521065065
- Dr. Vandita Thantharate Shahu was granted Design Patent Solar assisted precision valve for irrigation device, number : 446381-001
- Dr. Ashish Urade was granted Design Patent An Automated Dual Runner System for a Centrifugal Casting Machine, 577982, in January 2026

## Seminar

- Dr. P. S. Deole organised a seminar on mental for RBU faculty on January 24, 2026. Ms. Anagha Bhave, a well known psychologist was the guest speaker.
- Dr. G. R. Nikhade was invited as a Session Chair at the International Conference on Advanced Materials & Manufacturing for Sustainability (ICAMMS-2026), VNIT, Nagpur on 14 March, 2026.
- Dr. Y. G. Joshi delivered a lecture on “Role Machine Learning in Battery Thermal Management System” in Short Term Training Programme (STTP) titled “Electric Vehicles: A Multidisciplinary Approach to Future Mobility”, scheduled from 5th to 9th January 2026 in online mode in “Sipna College of Engineering, Amravati”.
- Dr. Y. G. Joshi as a session co-ordinator at International Conference on Advanced Materials & Manufacturing for Sustainability (ICAMMS-2026), VNIT, Nagpur on 14 March, 2026.
- Dr. Y. M. Sonkhaskar participated in the Nurturing Future Leadership Program under MMTTP conducted by Indian Institute of Management, Nagpur during Feb. 23-27, 2026

## Student Achievements

- Shashvat Tapas, Shyam Sainani, Nivedita Thanvi and Kanishka Bhanke 3rd Year students received a grant of patent on 26/03/2026 for their design of “an egg incubator under the guidance of Dr. P.S. Deole.
- Mr. Shashwat Patil and Mr. Nirbhay Singh Chauhan, students of the 4th semester, under the guidance of Dr. Y. M. Sonkhaskar, presented their patent at the Patent Industry Connect event held as part of Advantage Vidarbha 2026, from 6th to 8th February 2026, at the RTMNU Campus, Nagpur
- Students of B.Tech Final Year, Mechanical Engineering, Shri Ramdeobaba College of Engineering and Management (RCOEM), Nagpur secured 1st position at the National Level Hackathon – IAHR YPN SI Chapter 2026 organized by IAHR and conducted by IIT Madras. Team MECH DES-X (Rajat D. Moon, Rohan A. Gurharikar, and Ronit U. Chavan) developed an innovative tetrapod design to withstand cyclone-scale forces while supporting marine ecology. The team won a cash prize of ₹75,000 under the guidance of Dr. Vishal V. Shukla.
- RCOEM Mechanical Engineering Team of three students Yash Mishra, Nivedita Thanvi and Aniket Bobade from Third Year NEP Batch emerged as Runner-up in the prestigious National Level Hackathon - IAHR YPN SI Chapter 2026 organized by IAHR organization and conducted by Department of Ocean Engineering of IIT Madras. The team worked under the guidance of Dr. Vishal V. Shukla, Dean School of Engineering Sciences, RBU.



## Departmental Activities

### Parent-Teacher Meeting

The Parent-Teacher Meeting (PTM) for IV Semester B.Tech. Robotics and Artificial Intelligence, and IV, VI, and VIII Semester Mechanical Engineering students was conducted on 07-03-2026 from 10:30 AM to 12:30 PM.

The meeting witnessed active participation from parents of 51 students. They interacted with the Dean, School of Engineering Sciences, Head of the Department, Mechanical Engineering, Class Teachers, Teacher Guardian, and faculty members. Faculty members interacted individually with parents and shared detailed information regarding :

- Internal test performance
- Attendance records
- Academic progress
- Student participation in projects and activities



The meeting concluded with a vote of thanks to all parents, Dean (SES), Head of the department, Mechanical, faculty members, and supporting staff for their active participation and contribution to the success of the PTM.

## Department of Civil Engineering Research & Publications

- Dr. P. P. Dahale, Shweta Sagole published a book chapter titled “Combined Piled Raft Foundation (CPRF) on the Soft Ground Improved Prefabricated Vertical Drain: Review”, GeoMandu 24, January 2026. (Scopus)
- Dr. S. P. Siddh, Qudsiya Zahera published a paper Titled “Structural Review of Sleeved and Overlapped Cold-Formed Steel Purlin Connections Under Axial And Eccentric Loading”, Thin Walled Structures, Vol 222, Issue 114483, pp 1-19, January 2026, ISSN 0263-8231 DoI <https://doi.org/10.1016/j.tws.2026.114483> (SCI, Impact Factor 6.6).
- Dr. S. P. Siddh, Mohd. Azaz published a paper titled “Hybrid Fiber-Reinforced Recycled Aggregate Concrete: A Comprehensive Review of Material Behavior, Performance Enhancement, And Statistical Optimization Frameworks”, Journal of Building Pathology and Rehabilitation, Vol. 11, Issue 123, March 2026, ISSN 2365-3159 DoI <https://doi.org/10.1007/s41024-026-00798-7>, (Scopus)
- Dr. P. D. Hiwase, Vivek Bhusari, Madhuri S. Bhagat, Abhay G. Hirekhan, and Manasi P. Deore published a paper titled “Spectroscopic Analysis In  $\text{Ca}_2(\text{BO}_3)_{0.5}(\text{PO}_4)_{0.5}\text{Cl}:\text{Ln}^{3+}$  (Ln = Tb, Dy) Green And Yellow Emitting Phosphors For Optical Applications”, The Canadian Journal of Metallurgy and Materials Science (Canadian Metallurgical Quarterly), Oct 2025, ISSN 1879-1395, DoI 10.1080/00084433.2026.2613175 (SCIE and WoS).
- Dr. A. M. Gharad, Jyoti Chouhan published a journal paper titled “Seismic Performance Evaluation of Elevated Circular Water Tanks Using Incremental Dynamic Analysis with Fluid-Structure Interaction”, Structural Engineering International, January 2026, ISS 16830350 DoI <https://doi.org/10.1080/10168664.2025.2593599>, (SCIE and WoS).
- Dr. H. P. Khungar, Sandeep Sathe, Venkatesh Wadki, Shubhangi Shekokar, and Arjita Biswas published a paper titled “Exploring The Effectiveness Of Hybrid Fiber Reinforced Geo-Polymer Concrete”, ASCE’s Journal of Structural Design and Construction Practice, Vol 31, Issue 3, March 2026, ISSN 2996-5136 DoI <https://doi.org/10.1061/JSDCCC.SCENG-20>, (Scopus and WoS).

## Patent Granted

- Dr. T. B. Gupta, Ajinkya Dharaskar and Swastik Guptas’ were granted patent titled “A Process For The Preparation Of Compost” (Application No. 202221070413), has been commercialized in February 2026 through patent technology transfer to Suwarna Pathak (A. R. Agencies), generating revenue of ₹75,000.
- Dr. S. P. Siddh and Ritu Chouhan were granted patent titled “Shear Connector”, January 2026.
- Dr. A. A. Mehta and Hitendrabhai S were granted patent titled “A Device For Preventing The Collapse Of An Excavation Boundary Of A Borehole”, January 2026.
- Dr. A. A. Mehta and Sagar Doye were granted patent titled “A Method for Preparing a Filler Material”, 16 January 2026.

## Conference, Events & Seminars Organised

- Organised One-day workshop on “Building in Bytes: The BIM Revolution in Civil Engineering” on 21st January 2026.
- An expert lecture on “BIM Application for Civil Engineering” was conducted from 27th - 29th January 2026 by Ar. Aditya Jain, Director of Bharat BIM, Nagpur.

## Faculty Highlights

Dr. Laxmi Gangwani was awarded the Doctor of Philosophy (Ph.D.) degree on 2nd March 2026 for her research titled “*Dynamic Search Space Reduction Techniques for Enhancing the Performance of Evolutionary Algorithms in the Design of Large Water Distribution Networks.*”



## Student Achievements

### Civil Engineering Students Secure Runner-Up Position at “Anveshan”:

A team of Second Year B.Tech. Civil Engineering students from Ramdeobaba University (RBU), Nagpur, demonstrated remarkable creativity and technical expertise by participating in “Anveshan’26,” an inter-college technical project competition held in February 2026. The event was organized by the Department of Electrical Engineering, RBU, in association with the IEEE PELS and IES Student Joint Chapter.

Competing against participants from various disciplines and institutions, the team delivered an impressive performance and secured the Runner-Up position, reflecting their strong conceptual understanding, innovation, and practical skills. Their achievement highlights the interdisciplinary competence and technical excellence of the students. The team comprised Vasundhara Jagtap, Ishaan Gupta, Shantanu Singh, and Rupam Tajne, and was mentored by Dr. Laxmi Gangwani.



*The Civil Engineering team presenting their award-winning model at “Anveshan’26” and receiving the Runner-Up prize.*

### Participation in IAHR YPN 2026 National Hackathon

Students from the Second Year B.Tech. Civil Engineering program at Ramdeobaba University (RBU), Nagpur, participated in the prestigious National-Level Hackathon, International Association for Hydro-Environment Engineering and Research (IAHR) Young Professionals Network (YPN) 2026, organized by the IAHR and hosted by the Department of Ocean Engineering, IIT Madras.

The two-day offline hackathon was conducted on 19th and 21st February 2026. The RBU team successfully advanced to the Grand Finale, standing among the top selected teams from across India

through a rigorous three-stage selection process.

The team presented an innovative project titled “Floating Solar PV Raft.” The team members included Vasundhara Jagtap, Ishaan Gupta, Shantanu Singh, and Rupam Tajne. The team was mentored by Dr. Laxmi Gangwani. Their project was highly appreciated by the panel of judges and attendees for its innovative approach, technical soundness, and potential impact in the field of sustainable engineering solutions.



*Congratulating the students on their commendable success at IAHR- YPN Hackathon*

- Mr. Pranay Pise, a VI Semester B.Tech Civil Engineering student, secured 2nd place in the CAD Wars Inter-Collegiate Competition held during NEEV-26 at RCOEM, Nagpur on 21st January 2026.
- Mr. Aashish Raghuwanshi, a VI Semester B.Tech Civil Engineering student, secured 1st place in the STAD PRO Inter-Collegiate Competition held during NEEV-26 at RCOEM, Nagpur on 21st January 2026.

## Centre of Excellence

### MoUs Activities :

- Carried out Geotechnical Investigation work for DCS Limited at MOIL Dongri Buzurg, Tah. Tumsar, Dist. Bhandara with GEOsystems Research & Consultants (I) Pvt. Ltd., Nagpur.
- Geotechnical Investigation work for M/S R. V. Lohia & Associates, Nagpur at Civil Lines, Nagpur with Becquerel Industries Pvt. Ltd., Nagpur.

### A. Y. 2025-26 Till Today

#### Major Consultancy Works Undertaken

- Periodical Inspection of Factory Buildings for its Structural Stability / Soundness and Rendering Stability Certificate thereof
- Geotechnical Study and Design Inputs for High Stability Vertical Shaft and Headgear surface Platform at Dongri Buzurg Mine
- Geotechnical Investigation for the proposed construction of head gear and other structures at MOIL Dongri Buzurg Mines
- Structural Proof Checking for head gear structure at Ventilation shaft of Adani Mining Limited, Gondkheri U/G Coal Mine
- FEM Model and Stability Analysis of Arch Bridge

## School of Management

### Department of Management Technology

#### Research & Publications

- Dr. Sunita Dhote, Gopi R, Manikandan S, Doss Srinath, Baskar S, Sampath R., Pethuraj, Mohamed Shakeel published a paper titled “DTLN: Deep Transformer Learning Network for Multiwavelength Strain Classification in Sports Wearables”, IEEE Sensors Journal, Vol 26, Issue 4, pp 6388 - 6397, February 2026.
- Dr. Kanak Wadhvani Dr.Prajakta Ganesh Mondkar published a paper titled “Management Practices And Organizational Culture In Knowledge-Driven Economies”, Scientific Culture Journal, Vol. 12, Issue 4, pp. 4450-4459, January 2026, DOI: 10.5281/zenodo.12426493.
- Dr.Sampada Wasade, Dr.Avani Thakkar, Dr.Jonathan Joseph, Dr. Tripti Shelke, Ashima Verghese published a paper titled “The Future of Quick commerce: International Marketing, Omnichannel Synergies And Consumer protection Law”, The Academy of Marketing Studies Journal, Vol 3, Issue 3, March 2026.

#### Conferences

- Prashant Chhajer, Vishal Mehta presented paper titled “Predicting Derivative Market Trends Using Machine Learning”, International Conference on Emerging Trends in Mechanical Engineering (ICETME – 2026) Raisoni, Nagpur, January 2026.
- Rekha Chatare presented paper titled “Operational Turbulence at 30,000 Feet IndiGo, December 2025”, 2nd IIM Nagpur Case and Research Conference 2026, organised by IIM, Nagpur, Feb 2026.
- Kimsy Gulhane published a paper titled “Structural Damage Identification Using Artificial Bee Colony Algorithm”, 2025 Control Instrumentation System Conference CISCON 2025, ISBN/ISSN Number 10.1109/CISCON66933.2025.11337583 (Scopus)
- Kimsy Gulhane published a paper titled “Genetic Algorithm-Based Optimization of Construction Cost Estimation”, 2025 Control Instrumentation System Conference, CISCON 2025 10.1109/CISCON66933.2025.11337553 (Scopus).
- Kimsy Gulhane published a paper titled “Optimization of Construction Scheduling using Dynamic Programming”, Proceedings of 5th International Conference on Soft Computing for Security Applications, ICSCSA 2025 Proceedings of 5th International Conference on Soft Computing for Security Applications, ICSCSA 2026, DOI: 10.1109/ICSCSA66339.2025.11171170 (Scopus).

#### Books and Chapters In Edited Volumes / Books Published

- Dr. Gayathri Band, Devendra Kakwani, Dr. Kanchan Naidu published a book chapter titled “AI and Effect of Digital Transformation on Banking Audits and Compliance Management”, Artificial Intelligence and Human Rights, Democracy, and the Rule of Law (Taylor & Francis Book Chapter), January 2026, DOI 10.1201/9781003668657-24.
- Dr. Gayathri Band, Gaurav Kulat, Dr. Neeta Shah, Dr. Kanchan Naidu published a book chapter “Impact Analysis of Emotional Intelligence by AI on Sales Team Performance: Case Study of ICICI Group Companies in Nagpur”, Artificial Intelligence and Human Rights, Democracy, and the Rule of Law (Taylor & Francis Book Chapter), January 2026, DOI 10.1201/9781003668657-24.

- Dr. Gayathri Band, Gaurav Kulat, Dr. Neeta Shah, Dr. Kanchan Naidu, Dr. Rupesh Pais published a book chapter titled “AI in Emotional Intelligence and Leadership: Enhancing Accountability in Business Practices”, Artificial Intelligence and Human Rights, Democracy, and the Rule of Law (Taylor & Francis Book Chapter), January 2026, DOI 10.1201/9781003668657-24.
- Dr. Yogesh Dhoke, Dr. Pulipaka Vikas, Dr. Sakalya Sarma published a book chapter titled “Investment and Portfolio Management”, Scientific International Publishing House.
- Dr. Kanchan Naidu published a book chapter titled “Artificial Intelligence and Human Rights Democracy and the Rule of Law”, AI and Effect of Digital Transformation on Banking Audits and Compliance, Tylor and Francis, E book ISBN 978100366865-7, March-2026 (Scopus).
- Dr. Kanchan Naidu published a book chapter titled “Artificial Intelligence and Human Rights Democracy and the Rule of Law--Impact Analysis of Digital Transformation on Banking Audits and Compliance”, Tylor and Francis, E book ISBN 978100366865-7, March 2026 (Scopus).
- Dr. Kanchan Naidu published a book chapter titled “Artificial Intelligence and Human Rights Democracy and the Rule of Law-AI in Emotional Intelligence & Leadership: Enhancing Accountability in Business Practices”, Tylor and Francis, E book ISBN 978100366865-7, March 2026 (Scopus).

## Workshops, Seminars, Guest Lectures

### ARTHASHASTRA - The Union Budget Analysis

School of Management has organised ARTHASHASTRA on 7th February 2026. The event helped students understand the Union Budget and its economic impact. Experts from banking, taxation, and academia discussed key areas like taxation, infrastructure, education, healthcare, MSMEs, startups, and employment. The interactive session, including a Q&A, simplified fiscal concepts and enhanced students’ financial awareness and analytical skills.



### Fueling the Future : Founder Stories



The Entrepreneurship Club of the School of Management, RBU Nagpur organized a founder interaction session, “Fueling the Future: Founder Stories,” on 11th February 2026 for MBA students. The session featured Rupali Lunani, (COO & Board Member, Aquasight), Viraj Lunani (Serval), Tej Lunani (CTO, Temple) and Isha Sharma (Co-Founder, Temple). They discussed leadership and business strategies.

## Building an Empire – Lessons in Entrepreneurship from Shivaji Maharaj

The Entrepreneurship Club, School of Management, RBU organized “Building an Empire – Lessons in Entrepreneurship from Shivaji Maharaj” on 17th February 2026 at the MBA Auditorium. Mr. Harshwardhan Karkar highlighted parallels between Shivaji Maharaj’s strategies and modern entrepreneurship, with active MBA student participation.

## Operations Management Practices in the Aerospace Industry: A Six Sigma and Kaizen Perspective

The Operations Management Club (PRO-OPS) organized a guest lecture on “Operations Management Practices in the Aerospace Industry: A Six Sigma and Kaizen Perspective” on 17th January 2026. Guest speaker Mr. Vivek Rao shared insights from programs like Apache, Chinook, and Sikorsky S-92, emphasizing zero-defect manufacturing, process control, and quality standards. He explained the use of Lean, Six Sigma, and Kaizen in reducing waste, improving efficiency, and driving continuous improvement.



## Department-Hosted Competitions or Fest

### Kshitij Club Event 2026

The flagship fest organized by the Student Development Cell to promote holistic student development by blending sports, cultural activities, creativity, and Corporate Social Responsibility (CSR).

### HR Club Activity



The NextGen HR Club organized “Workplace Drama” on January 24, 2026, where students performed skits on workplace challenges. Teams were judged on relevance, HR concepts, creativity, and coordination. The event provided practical insights into workplace dynamics and decision-making. Winning teams were 9 to 5 – The Drama Files and Workforce Warriors, promoting experiential learning and teamwork.

## Pocket to Profit: By Entrepreneurship Club” at Kshitij 2026

The Entrepreneurship Club organized “Pocket to Profit,” an experiential event focused on entrepreneurship, innovation, and value creation with minimal resources. The highlight was the ₹500 to ₹5000 Challenge, where teams used ₹500 to develop a business idea within a limited time. With participation from 10 students, Team Chatpata Corner won for their innovation, execution, and profitability.



## Economics Club Activity at Kshitij-2026



*Market-O-Poly* was organised by the Economics Club on 24th January 2026, engaging MBA and BBA students in a simulation-based learning experience. Participants worked in teams to make investment decisions, manage resources, and tackle market uncertainties. The event enhanced financial literacy, analytical skills, and teamwork, and received.

## Marketing Club-Marketing Nexus

The School of Management Marketing Club organized an innovative marketing activity titled Marketing Nexus on 23rd and 24th January 2026 as part of the pre-promotional initiatives for Kshitij 2026. The activity aimed to provide students with practical exposure to modern marketing techniques through active participation in event promotion. Students participated in a reel-based promotional competition, applying marketing concepts in a real-world context. The activity highlighted the growing importance of digital media and social networking platforms in marketing strategies. It successfully combined creativity, competition, and experiential learning, enhancing students' understanding of digital and event marketing.

## Business Analytics Club Activity

The Business Analytics Club organized the “Dashboard Designing to Decision Challenge” on 24th January 2026. Students participated, showcasing their ability to convert complex data into meaningful insights through effective dashboards. With 8 groups competing, the event enhanced analytical, visualization, and decision-making skills, offering valuable hands-on learning in data analytics and business intelligence.



## Inter Branch Sports Cup 2025–26



The MBA Department delivered an outstanding performance at the Inter Branch Sports Cup 2025–26, winning the Boys Championship and securing Runners-Up in the Girls category. With 88 participants, students excelled in badminton, athletics, and tag rugby, showcasing strong team spirit and sportsmanship. The event promoted holistic development, leadership, and inter-departmental bonding.

## Sports Events

### Highlights Volleyball Tournament

A competitive volleyball tournament for boys and girls promoted physical fitness, team coordination, and discipline. The event witnessed enthusiastic participation from MBA, MBAI, IMBA, and BBA students.

### Box Cricket Tournament

The Box Cricket Tournament added excitement through a fast-paced format. It encouraged strategic thinking, leadership, and team bonding in a fun yet competitive environment.

### Tug of War

The Tug of War competition emphasized unity, strength, and synchronized teamwork. It created a high-energy atmosphere and strengthened camaraderie among participants.

## Cultural & Creative Activities Hunarbaaz – The Talent Show

Hunarbaaz provided a vibrant platform for students to showcase talents such as singing, dancing, poetry, and instrumental music. The event promoted confidence, stage presence, and cultural appreciation.

## Reel Banao Unique 2.0

A modern digital creativity contest encouraging students to express originality through short- form video storytelling, enhancing communication and digital literacy skills.

## Scavenger Hunt

The Scavenger Hunt challenged students' problem-solving abilities, coordination, and leadership through a multi-stage, team-based competition.

## Report : Parents–Teachers Meeting (PTM)

The School of Management organized a Parents–Teachers Meeting (PTM) on 24th March 2026 for students of BBA, MBA, and MBA Integrated programs in the presence of the Dean, Academic Incharge, and program coordinators. The objective of the meeting was to strengthen communication between parents and faculty and to discuss students' academic progress, attendance, and overall development. Parents interacted with faculty members to understand



academic performance, internal assessment, attendance, and participation in curricular and co-curricular activities. The meeting provided a platform for open discussion and constructive feedback regarding student development and institutional initiatives. The PTM concluded successfully with positive feedback from parents, emphasizing the importance of continuous collaboration for the holistic development of students.

## Workshop / Seminar Organized

SOM organized a guest lecture titled “*Building Adaptive Organizations in the Age of AI.*” The session was delivered by Mr. Rohit Bansal, Group Head of Communications at Reliance Industries Limited, aiming to bridge the gap between academic learning and real-world organizational practices in the AI era. He discussed organizational agility, AI integration in corporate communication, change management, and the importance of a human-centric approach to technology adoption. The session was attended by faculty members and management professionals and lasted approximately sixty minutes. The lecture was interactive, with students actively engaging in discussions on AI's impact on the workplace. The session provided valuable industry insights and practical perspectives on managing organizations in a digitally evolving environment.



## Faculty Highlights

**Faculty invited for - Keynote speeches / Guest lectures / STTP / FDP / Others**

**Dr. Pritam Bhadade** was invited to conduct a training session on alternative financing (Crowdfunding, Angel Funding, and Venture Capital - explanation and use cases) for participants from small and medium enterprises in rural regions at the Mahatma Gandhi Institute for Rural Industrialization (MGIRI), Maganwadi, Wardha, on 24 February 2026.





**Dr. Parihar Suresh Dahake** was invited as a Guest Speaker, delivering sessions on “Data-Driven & Analytical Marketing” and “Future Trends in Marketing Management,” highlighting data-driven decision-making and evolving marketing strategies. The sessions offered practical insights, fostering analytical thinking and aligning students with industry expectations. A Management Development Program was also conducted for MBA students of the Department of Management Sciences and

Research, G. S. College of Commerce and Economics, Nagpur, in collaboration with MSME, Nagpur, on 11 February 2026.

- **Student Achievements**
- **Awards in competitions or conferences**

The Operations Club (Pro-Ops) organized two interactive games - Operations Bingo and Deal & Deadlock - to bring operational strategy and decision-making to life on 24th January 2026. Students and faculties of SoM actively participated, with 47 in Ops Bingo and 21 in Deal & Deadlock.

In Ops Bingo, participants learned key operations concepts in a fun and competitive format, applying theoretical knowledge to practical scenarios. Deal & Deadlock challenged students with real-world, application-based operational problems, emphasizing strategic decision-making, negotiation, and resource optimization. Both activities encouraged problem-solving, teamwork, and analytical thinking, showing how strong operations underpin successful business strategies.

**Winners : Deal & Deadlock :** 1st Muhammad Mirza, 2nd Prathmesh Donge, 3rd Vrinda Maheshwari & Palkin Goyal.

**Ops Bingo :** 1st Darshana Gelani & Kanchan Tolani, 2nd Janmejy Shukla, 3rd Abhishek Puri.

Overall, the events provided a hands-on learning experience, reinforcing that **operations are the backbone of every effective strategy**, making the sessions both educational and engaging for all participants.

## CSR Initiative – Swaranjali



In Kshitij 2026 Swaranjali – Sur Se Dil Tak was a soulful musical program performed by visually challenged artists from Gyan Jyoti Nivasi Anndh Vidyalaya. The event promoted inclusivity, empathy, and respect for differently-abled individuals.

## Industrial Visits

The School of Management, Ramdeobaba University organized an Industrial Visit to **Mahalaxmi Ginning and Pressing Industry, Dhapewada** on 13 February 2026 from 10:00 AM to 2:00 PM, coordinated by Dr. Yogesh Dhoke. The visit provided MBA students with practical exposure to cotton processing operations such as cleaning, ginning, and pressing. Students gained insights into industrial machinery, operational processes, and quality control practices. The visit helped bridge the gap between theoretical learning and real-world industrial applications, making it an informative and practical learning experience.



The industrial visit to PIX Transmission Ltd. (Nagalwadi Plant) on 13 February 2026 provided MBA–SAP students with valuable practical exposure to large-scale manufacturing operations. Students gained insights into automation processes, quality control systems, and supply chain management practices followed in the industry. The visit helped them understand how theoretical management concepts are applied in real industrial environments. Interaction with industry professionals further enhanced their practical knowledge and learning experience. Overall, the visit successfully bridged the gap between classroom learning and industrial practices.



The **Industrial visit to Superior Drinks Private Limited, Butibori** on 17 March 2026 provided MBA (Section-B) students with practical exposure to automated beverage manufacturing processes, quality control systems, and overall plant operations. The visit helped students understand logistics management, sustainability practices, and operational management followed in the industry. It also enabled students to relate classroom concepts

with real industrial practices. Overall, the visit effectively bridged the gap between theoretical learning and practical industrial exposure.

## School of Humanities and Sciences

### Department of Humanities

#### Research & Publications

- **Dr. Vinod Asudani** published a book titled *To My Last Love (The Epic of Love and Peace)*, publisher Lions Publications, March 2026, ISBN- 978-93-7782-291-0.
- **Pratishruti Singh** published her co-authored conference paper, titled, “AI-Driven Sentiment Analysis in News Media: Insights into Public Opinion and Journalism's Evolving Role” in IEEE Conference Proceedings of 2025, 2nd International Conference on *Artificial Intelligence and Knowledge Discovery in Concurrent Engineering (ICECONF)* in January 2026.
- **Pratishruti Singh** published research paper, titled, “The Issues of Complexity, Predictability, And Probability in The Calcutta Chromosome: A Re-Reading”, *International Journal of Informative and Futuristic Research*, Vol 12, Issue 11, July 2025
- **Dr. Deepti Jain Thakre & Ms. Aarushi Walgaonkar** published a book chapter titled “Shifting Roles in Online Classrooms: Empowering Educators and Learners in Digital Contexts” in the book: *Digital Education for a Sustainable Future*, Springer Nature, ISSN No.: 978-3-032-15432-3.
- **Dr. Deepti Jain Thakre & Ms. Aarushi Walgaonkar** published a paper titled “Ethical Framework for Responsible Artificial Intelligence in the Next Decade” in the *International Conference Journal Publication*, two day International Conference DMCMICS 2025 (Hybrid) (Scopus)

#### Conferences / STTP / FDP / MDP / Workshop / Seminar etc attended or organized by faculty

- **Aarushi Walgaonkar** presented a paper titled, “Universal Human Values as a Catalyst for Enhancing Graduate Work Readiness Journal”, the 2nd Edition of Case and Research International Conference 2026” at IIM, Nagpur on 7th-8th February 2026.(Ivey Case Study).
- **Pratishruti Singh** presented a research paper, titled, “Amitav Ghosh's Unique Techniques of Revisiting Historical and Cultural Studies: A Re-reading of his Works”, One Day International Interdisciplinary Conference on *Shifting the Lens : Revisiting Historical and Cultural Studies* organized by the Department of History, RTMNU on 4th February 2026
- **Ms. Asifa Ebrahim** presented a paper titled, “Non-human Energy Agencies as Major Protagonists in Amitav Ghosh’s works of Fiction and Non-fiction”, International Conference held on 21st - 22nd January 2026.
- **Shweta Kadam** presented a paper titled, “Universal Human Values As A Catalyst For Enhancing Graduate Work Readiness”, the 2nd Edition of Case and Research International Conference 2026 at IIM, Nagpur on 7th and 8th February 2026.
- **Shweta Kadam** presented a paper titled, “From Burnout To Resilience :Teacher's Wellbeing And Mental Health Support As Strategic Catalysts For Safe And Friendly Schools In The Asia-Pacific Region”, INSIGHT 2026: International Conference On Safe And Friendly Schools In The Asia Pacific Region” organised by Kristu Jayanti (Deemed To Be University)-Hybrid on 26th - 27th February 2026.
- **Shweta Kadam** attended an FDP organised by AICTE on online mode from 19th Jan - 23rd Jan 2026(5 Days). The title of the program was “Inculcating Universal Human Values in Technical Education”.

- **Bhavika Raut** completed a 5-day Online FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education (AICTE) from 19th January to 23rd January 2026
- **Shweta Kadam** attended an FDP organised by IIRA(Ideal Institute of Research Academy) on online mode from 27th - 31st Jan 2026(5 Days). The title of the Program was“Advancing Research Competence: From research methodology to writing, Emotional Resilience & AI in Research”.
- **Shweta Kadam** attended a workshop organised by IIRA(Ideal Institute of Research Academy) on online mode from 13th - 15th February 2026(3 Days). The title of the Program was “Advanced level data analysis using SPSS”

## Faculty Highlights

- Dr. Vinod Asudani won 1st Prize in All India Madanlal Khandelwal English Braille Essay Writing Competition, organized by All India Confederation of the Blind, New Delhi on 4th January 2026.
- Pratishruti Singh was invited as the Chief Guest at G.H.Raisoni Public School for their Aashirwad Ceremony on 3rd February 2026
- Pratishruti Singh was invited as Resource Person on 24th, 26th and 28th of February to train BBA and BCA students on the topic ‘Verbal Ability for MBA CET’
- Pratishruti Singh was invited as the Moderator for the ‘Author Meet’ programme organized by Vidarbha Literary Foundation, held on 19th February 2026. She interviewed acclaimed author and TATA custodian, Shri Harish Bhat, on his latest book ‘Doing the Right Thing’



*Pratishruti Singh was invited as the Moderator for the ‘Author Meet’ programme organized by Vidarbha Literary Foundation, held on 19th February 2026.*



*Pratishruti Singh was felicitated as a ‘Woman Achiever’ on International Women’s Day, 8th March 2026, by India Peace Centre in association with Manzil Trust and Saving Dreams Foundation, for her contribution to academics.*

## Outreach Program

As part of the Liberal Arts courses, the Department of Humanities conducted the course Nature Camp for Sem II students in coordination with Maharashtra Forest Department under the Nisarg Anubhav Programme. One batch of 40 students were taken to Pench Tiger Reserve, Sillari on 24<sup>th</sup> and 25<sup>th</sup> February 2026. The aim of the course was to sensitize students about the importance of nature and its beauty. They participated in various activities such as lecture session on Pench Tiger Reserve and Use of Artificial intelligence in wildlife conservation. They also undertook wildlife safari and were introduced to astronomy through the Dark Sky in the buffer region of the Tiger Reserve. The students were taken for a nature trail to understand the importance of wetlands, migration pattern of birds as well as magical insects of Pench and tree species.



*Students of Nature Camp bird watching on RBU Campus with Alumni experts*



*Lecture session by RFO East Pench Shri Rajurkar*



*Lecture session by Wildlife Biologist Ms. Mansi Mourya*



*Dr. Deepshikha Mehra giving safety instructions before the wildlife safari*



*Students at the Dark Sky Park*



*Students at the beginning of the Nature trail in Pench*



*Students being explained about the life cycle of an insect  
Shri Chandewar (Dy. GM Ecotourism Maha Forest Dept.) guiding the students*

## Department of Physics Research & Publications

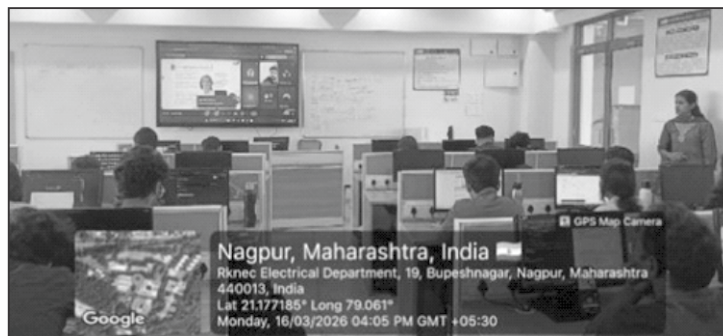
- K Pushpanjali Patra, Khushboo Birra, Shraddha C. Shirbhate, Pranay R. Kautkar, Samir M. Khule, Sanjay B. Nagdeote, Vishwajit M. Gaikwad, published a paper titled, “Design And Investigation On Structural, Dielectric And Electrical Features Of Novel Ferrite Based Particulate Composites”, *Advanced Powder Technology*, Vol. 37, pp. 105192, February 2026, <https://doi.org/10.1016/j.appt.2026.105192> (SCIE)
- K Pushpanjali Patra, P. N Ukey, and D.S. Choudhari, published a paper titled, “Influence Of Lanthanum Substitution on The Structural, Optical and Magnetic Correlation In Ni<sub>0.5</sub>Co<sub>0.5</sub>(Fe<sub>2</sub>-X<sub>lax</sub>)O<sub>4</sub> (X = 0.0-0.30) Nanoferrites”, *Applied Physics A*, Vol. 132, pp. 340, March 2026, <https://doi.org/10.1007/s00339-026-09495-1> (SCIE)
- Renuka Nafdey and S. V. Moharil, published a paper titled, “Designing a Human Safe LED using 505 nm and 495 nm Chips: Proof of Concept”, *Journal of Solid State Science and Technology*, Vol. 15, No. 1, pp. 6001, January 2026, 10.1149/2162-8777/ae2f99 (SCIE).
- Renuka Nafdey, S.V. Moharil, Ashvini R. Pusdekar, Nilesh S. Ugemuge, Priya V. Tumram, published a paper titled, “NIR emitting Na<sub>5</sub>Gd(WO<sub>4</sub>)<sub>4</sub>:Nd<sup>3+</sup> phosphor for opto-electronic applications”, *Ceramic International*, Vol. 52, Issue. 5, pp 6139-6145, February 2026, [doi.org/10.1016/j.ceramint.2025.12.371](https://doi.org/10.1016/j.ceramint.2025.12.371) (SCIE)
- Renuka Nafdey, Supriya Kshetrapal, Nilesh Ugemuge, H.S. Ahamad, Roshani Bhagat, Chhatrasal Gayner, S.V. Moharil, published a paper titled, “Investigation of NIR Emission in Nd<sup>3+</sup> Activated BiZn<sub>2</sub>VO<sub>6</sub> Phosphor”, *Materials Research Bulletin*, Vol. 200, pp. 114096, March 2026, <https://doi.org/10.1016/j.materresbull.2026.114096> (SCIE)
- Neelam Hooda, Reena Sharma, Pooja Dahiya, Akshit Hans, Shweta Malik, Ashima Hooda, Satish Khasa, published a paper titled, “Investigations Of Structural, Dielectric, Optical, Magnetic And Magnetolectric Properties of Biphasic BaTiO<sub>3</sub>-CoFe<sub>2</sub>O<sub>4</sub> Composites”, *Applied Physics A*, Vol. 132, pp. 74, January 2026, 10.1007/s00339-025-09271-7 (SCIE).
- Neelam Hooda, Reena Sharma, Parth Singh Grewal, Ashima Hooda, Satish Khasa published a paper titled, “Compositional Tailoring of Structural and Dielectric Properties of La<sub>2</sub>MMnO<sub>6</sub> (M=Ni, Cu & Zn) Double Perovskites: A Comparative Study” *Journal of sol-gel science & Technology*, Vol. 117, pp. 70, March 2026, 10.1007/s10971-026-07132-0 (SCIE).
- Yatish R Parauha, Ramnath Prajapati, AP Mishra, SJ Dhoble, published a paper titled, “Energy Transfer and Luminescence Properties of Eu<sup>3+</sup>/Tb<sup>3+</sup> activated Na<sub>6</sub>Ca(SO<sub>4</sub>)<sub>4</sub> Phosphors” *Inorganic and Nano-Metal Chemistry*, Vol. 56, pp. 101-110, January 2026, 10.1080/24701556.2025.2608361 (SCIE).
- Vibha Ojha, Kamlesh V. Chandekar, Sharvari More, Shamal Chinke, Mohd Shkir, Arjun R. Potinde, Shashank S. Kamble, published a paper titled, “Impact of PVA coated MFe<sub>2</sub>O<sub>4</sub> Nanocomposites on the Structural, Morphological, Spectroscopic, Magnetic and Anticancer Properties” *Polymer Bulletin*, Vol. 83, pp. 197, January 2026, <https://doi.org/10.1007/s00289-025-06269-2>.

## Patent Granted

- K Pushpanjali Patra, Yateek Gulabrao Bhagat, Manoj Khushal Bangadkar, Amol Sadanand Shyamkuwar, P. N. Ukey, Mohan Dashratkar, Kailash Shankar Lokhande, Ankit Moreshwar Nakade, Rajiv Manohar Meshram And Subodh Kabirdas Sakhare, were granted patent titled, “AI Based Device For Pharmacological And Toxicological Analysis”, Design No.- 472755-001.

## Conference, Workshops, Seminars, Guest Lectures

- Dr. K Pushpanjali Patra has presented an Oral presentation with title “Morphology Driven Magnetic Behavior in  $\text{Ho}_2\text{CoMnO}_6$  Double Perovskite: A Comparative Study of Nanocrystalline and Flat Nanorod Structure” at the International Conference on Exploring the Frontiers: Interdisciplinary Advances in Biological and Material Sciences, held at Shivprasad Sadanand Jaiswal College, Arjuni Morgaon, Gondia. from 3rd - 4th February, 2026.
- Dr. K Pushpanjali Patra has completed the 40 hours (3 credits equivalent) Faculty Development Programme on “QT-05: Quantum Computation” jointly organised by Electronics and ICT Academy, MNIT, Jaipur, and AP State Council for Higher Education (APSCHE) from 8th - 31st December, 2025.
- Dr. Shilpa Kulkarni and Dr. K Pushpanjali Patra has completed the 40 hours (3 credits equivalent) Faculty Development Programme on “QT-06: Quantum Communication” jointly organised by Electronics and ICT Academy, MNIT, Jaipur, and AP State Council for Higher Education (APSCHE) from 5th- 31st January, 2026.
- Dr. Shilpa Kulkarni and Dr. K Pushpanjali Patra has completed the 40 hours (3 credits equivalent) Faculty Development Programme on “QT-07: Quantum Sensing” jointly organised by Electronics and ICT Academy, MNIT, Jaipur, and AP State Council for Higher Education (APSCHE) from 6th – 28th February, 2026.
- Dr. Neelam Hooda and Dr. Yatish R Parauha has completed a 3 day online workshop on Quantum Computing and Quantum Key Distribution(QKD) by IIT Delhi from 27th February – 1st March 2026.
- Dr. Neelam Hooda and Dr. Yatish R Parauha has participated in a two - day workshop on Quantum Computing: Theory, Algorithms & Reality 2026 organized by Quantum Research Park and IISC Bengaluru on 10th - 11th March 2026.
- Dr. Kapil E. Ingle, Dr. Ashish P. Kore and Dr. Vibha Ojha completed certificate course equivalent to one Credit on Radiation Safety and Nuclear Technology, organized by IQAC and Department of Physics, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur, during 2nd - 7th March 2026.



*3-Day Online Workshop on “Foundations of Quantum Technology” was organized from 16th - 18th March 2026.*

## Department of Chemistry Research & Publications

- **Dr. C. P. Pandhurnekar** published a paper titled “Synthesis of Metal-Bis-( $\beta$ -Diketones) Complexes And Anti-Microbial Evaluation Study”, Research Journal of Chemistry, Vol 30, Issue 1, pp 20-30, Feb 2026, ISSN: 0972-0626, DoI: <https://doi.org/10.25303/301rjce020030> (Scopus) with an Impact factor of 0.238
- **Dr. C.P. Pandhurnekar** published a paper titled “Dolichandrone Falcata-Mediated Green Synthesis of Mixed-Phase  $\alpha$ - $\gamma$ -Iron Oxide Nanoparticles With Structural Characterization and Antibacterial Properties”, Chemistry Select, Vol :11, Issue: 3, pp: e04313, Feb 2026, ISSN: 2365-6549, DoI: <https://doi.org/10.1002/slct.202504313> (Scopus & SCIE) with an Impact factor of 2.0
- **Dr. C.P. Pandhurnekar** published a paper titled “Physicochemical and Computational Aspects of Duloxetine Hydrochloride in Aqueous Methionine And Alanine”, Journal of Molecular Liquids, Vol:448, Issue: 2026, pp 129391, Feb 2026, ISSN: 0167-7322 (Scopus & SCIE) with an Impact factor of 5.2
- **Dr. S.S. Butoliya** published a paper titled “Psycho-oncology: Bridging Mental Health and Cancer Care in Modern Medicine”, Archives of Psychiatric Nursing, Vol: 60, Issue:, pp: 152024, Feb 2026, ISSN: 0883-9417 (SCIE indexed) with an Impact factor of 2.2
- **Dr. Priti Mangrulkar** published a paper titled “From Lab To Pilot Scale: Assessing The Behavior and Effect of Indigenous Hole Scavenger For Photocatalytic Hydrogen Generation In Bi-Metallic System Au-Pt/TiO<sub>2</sub>”, Inorganic and Nano-Metal Chemistry, Vol: 56, Issue: 2, pp:171-80, Feb 2026, ISSN: 2470-1564 (Scopus & SCIE) with an Impact factor of 1.6.
- **Conference & Workshop**
  - **Dr. Sanjogta Meshram** attended workshop titled Material Characterization and Data Analysis organized by SIAS Research, Kerela from 20th January- 4 February 2026.
  - **Dr. Sanjogta Meshram** attended and presented research paper in conference titled “Innovations in Medicinal Plants and Natural Product Research”, (IMPNPR 2026) organized by Telangana Medicinal Plant Board, Hyderabad & RBVRR Women’s College Hyderabad from 12th -14th February 2026.

## Department of Mathematics

- K.K. Ingole has published a paper titled AI Models for Life-Cycle Assessment of Bio-Energy Technologies and Pollution Quantification in Applied chemical Engineering. with ISSN: 2578-2010, Issue Jan-26 doi: 10.59429/ace.v9i1.5855, indexed with Scopus.
- P.O. Bagde has published a paper titled AI-Supported Forecasting of Biomass Availability under Changing Environmental and Resource Conditions in Applied chemical Engineering. DOI: <https://doi.org/10.59429/ace.v9i1.5878> with ISSN:2578-2010, Issue Jan-26, indexed with Scopus.
- P. A. Saoji has published a paper titled Prevalence and Determinants of Smokeless
- Tobacco Use among Women in Urban Slums of Vidarbha, Maharashtra, India in National Journal of Community Medicine with DOI:10.55489/njcm.170320266144. Issue March-26, indexed with Scopus.

- S.Y. Solanke has published a paper titled with Deep Learning for real-time detection of Pollutants in Applied Chemical Engineering, ISSN-2578-2010. Vol 9, no 1 -, Doi: 10.59429/ace. v9i1.5879 Issue March-26, indexed with Scopus.
- P.A. Saoji has published a paper titled Predicting Cesarean Section in Indian Women: A retrospective Ananalysis using Bootstrap Modeling in International Journal of medicine and Health development with Doi: 10.4103/ijmh.ijmh\_132\_25, Issue March-26, indexed with Scopus.

## STTP / FDP / Other Training Attended by Faculty

- Prof. M.S. Patne, Prof. P.A. Saoji, Dr. R.G. Ghumde, Dr.P.O. Bagde, Dr P.V. Lepse,, Dr.N.N.Nandy, Prof.M.Kotewar, Prof. C. Khumbre, Prof.K. Ingole. Prof G. Khobragade, Prof.V. Mahajan have attended Faculty Development Program on “Mathematical Principles in Data and Machine Learning” from 16/02/26 to 28/02/26 organized by IIIT, Nagpur.
- Dr. Amrita Pande proudly represented Maharashtra State at the II Khelo India Beach Games held in Diu from 07th –10th January 2026, serving as the coach of the Maharashtra Beach Sepaktakraw team. Her leadership and technical expertise played a pivotal role in guiding the athletes through a highly competitive national platform.
- She also participated in the 8th National Conference on Physical Education & Sports Sciences organized by PEFI in Delhi as the moderator of the event, gaining valuable insights and engaging with professionals from across the country. During the conference, she was felicitated for her contribution to physical education & Team PEFI by Dr. A. K. Bansal, Dronacharya Awardee and President of PEFI, and Dr. A. K. Uppal, Chairman of PEFI.



## Sports

### All India University/ West Zone Meet :

### RCOEM Students Participation :

The Students of RCOEM excelled in the Inter-Collegiate Tournament and were selected in the RTMNU’s Team for the AIU Inter-University West Zone Championship. The Following students of RCOEM represented Nagpur University in the West Zone :

Sr No	Game	Level of Participation	Name	Branch	Year	Date	Venue
1	Basketball (M)	Participation	Parth Borkute	DS	III	3 – 6 Feb, 2026	Bhupal Nobels University, Udaipur
2	Chess (W)	Participation	Maithili Khuje	ECE	III	23 – 27 Feb, 2026	MJRP University, Jaipur
3	Chess (M)	Participation	Kshitij Mudliar	AIML	III	2 - 6 March, 2026	HSNC University Mumbai



### RBU Student Participation :

RBU Students Participated for the first time in South West Zone/Inter University & All India Inter University Competitions under the structure of Inter University Sports Board (Association of Indian University- AIU) after Ramdeobaba gets University Status. The details of the students are given in the table below :

Sr No	Game	Date	Venue	Level of Participation	Name	Branch	Year
1	Chess (W)	23 – 27 Feb, 2026	MJRP University, Jaipur	Participation	Aishita Chhabda	ECS	II
					Veethika Shrivastava	ECS	II
					Avanti Junghare	R & AI	I
					Alisha Wahane	CSE	I
2	Gymnastics (W)	23 – 27 Feb, 2026	Panjab University, Chandigarh	Participation	Jidnyasa Zade	AI & DS	II



### RTMNU Inter-Collegiate :

In a remarkable show of sportsmanship, students from RCOEM enthusiastically took part in the RTMNU's Inter-Collegiate Tournament across various events. A detailed information can be found in the table below. This strong representation not only highlights the athletic prowess of RCOEM but also emphasizes the commitment of its students to excel in diverse sporting competitions.



Sr No	Game	Date	Venue	Rank
1	Boxing (M)	5 <sup>th</sup> – 6 <sup>th</sup> Jan 2026	DSO Stadium, Mankapur	Participation

## UDGHOSH 8.0 – Annual Sports Festival :

Ramdeobaba University, Nagpur successfully inaugurated UDGHOSH - Annual Sports Festival on 27th January 2026, marking a vibrant beginning to this flagship sports celebration.

The official inauguration of UDGHOSH 8.0 was graced by Ms. Arundhati Pantawane, International Badminton Player. Vice-Chancellor Dr. Rajesh Pande Sir warmly welcomed and felicitated the distinguished guest, appreciating her achievements and inspirational journey. A meaningful discussion was held on the future prospects of badminton at Ramdeobaba University, encouraging the promotion of high-performance sports culture on campus. The overall inauguration ceremonies were conducted in the esteemed presence of Dr. Gourav Goyal Sir and Dr. A. V. Bharti Sir, whose guidance and encouragement added significance to the occasion.

Total 25 colleges have participated in the event. The department, under the collective contribution of the HOD, Dr. Amit Anurag, and other faculty members who have been working relentlessly to ensure seamless planning, coordination, and execution of this annual sports festival. The closing ceremony was held on 1st February at RTMNU Athletic Track. UDGHOSH 8.0 continues to reflect Ramdeobaba University's commitment towards promoting competitive sports, holistic development, and inter-collegiate sporting excellence.



UDGHOSH News

## Invitational Intercollegiate Tournaments :

Sr No	Game /Event	Date	Venue	Participation		Name of College/Player		Best Player
				No of Teams	No of Students	Winner	Runner-Up	
1	Cricket (M)	28 Jan - 4 Feb 2026	St. Mary's Ground	6	81	Hislop	RBU	Ashutosh Motghare (RB)
2	Football 1 (M)	28 Jan - 1 Feb 2026	SFS College Ground	10	154	Hislop	RBU	Abdullah Amir (Hisop)
3	Futsal (M)	29 Jan 2026	Futsal Turf	6	48	RBU	Hislop	Zoeb Shareef (RBU)
4	Basketball (M)	27 - 30 Jan 2026	Basketball Court, RTMNU	16	139	DNC	RBU	Sarang Umathe (DNC)
5	Chess (M)	27 Jan 2026	DT 906, RBU	5	62	Kshitij Mudliyar (RBU)	Shamit Agrawal (RBU)	-
6	Chess (W)	27 Jan 2026	DT 906, RBU	2	9	Avanti Junghare (RBU)	Aishita Chhabda (RBU)	-



**Inter Branch Sports Cup :** The Inter Branch Sports Cup was organized by the Dept. of Physical Education at RBU and Students Sports Club, which took place from 16th – 30th September 2025. The event witnessed active participation from students, making it a memorable and successful event. The students competed fiercely showcasing their talents and skills. The event not only promoted physical fitness and well-being but also emphasized the importance of sportsmanship, teamwork and healthy competition.

Sr No	Game	Date	No of teams	Rank	
				I	II
1	Cricket (W)	5 – 9 Jan 2026	7	ECE	EN BIO
2	Basketball (M)	6 – 9 Jan 2026	8	DS IT	EN BIO
3	Cricket (M)	12 - 23 Jan 2026	10	EN BIO	CSE
4	Volleyball (W)	12 – 16 Jan 2026	4	EE	EN BIO
5	Futsal (M)	16 - 19 Jan 2026	10	EN BIO	CIVIL





## Annual Athletic Meet 2025-26 Faculty Sports

Sr. No.	Events	Athlete	Department	Medal
1	100m (M)	Prof. Gaurav Khobragade	Mathematics	GOLD
		Mr. Lokesh Baghel	Boys Hostel	SILVER
		Dr. Gaurav Goyal	Electrical	BRONZE
2	50 M (W) Below 40	Prof. Vishakha Mahajan	Mathematics	GOLD
		Dr. Sharda Siddh	Civil	SILVER
3	50 M (W) Above 40	Dr. Preeti Voditel	CSE	GOLD
		Prof. Sheetal Umredkar	Electrical	SILVER
		Prof. Vijaya Huchche	Electrical	BRONZE
4	1.6 Km Walking (W) Below 40	Dr. Sharda Siddh	Civil	GOLD
		Prof. Vishakha Mahajan	Mathematics	SILVER
		Prof. Charu Kumbhare	Mathematics	BRONZE
5	1.6 Km Walking (W) Above 40	Dr. Preeti Voditel	CSE	GOLD
		Prof. Sheetal Umredkar	Electrical	SILVER
		Prof. Vijaya Huchche -	Electrical	BRONZE
6	3.2 Km Walking (M)	Dr. Suresh Balpande	Ai-Cyber	GOLD
		Mr. Lokesh Baghel	Boys Hostel	SILVER
		Prof. Yashwant Sonkhaskar -	Mechanical	BRONZE
7	Shot Put (W) Below 40	Prof. Vishakha Mahajan	Mathematics	GOLD
		Dr. Sharda Siddh	Civil	SILVER
		Prof. Charu Kumbhare	Mathematics	BRONZE
8	Shot Put (W) Above 40	Dr. Preeti Voditel	CSE	GOLD
		Prof. Sheetal Umbredkar	Electrical	SILVER
		Prof. Vijaya Huchche	Electrical	BRONZE
9	Shot Put (M) Below 40	Prof. Gaurav Khobragade	Mathematics	GOLD
		Dr. Lalit Agrawal	CSE	SILVER
10	Shot Put (M) Above 40	Mr. Lokesh Baghel	Boys Hostel	GOLD
		Prof. Suraj Butoliya	Chemistry	SILVER
		Dr. Gaurav Goyal	Electrical	BRONZE

## List of Position Holders in Inter-Branch Sports Cup Championship 25-26

Sr no	Rolling Trophies	Men/Women	I	II	III	Best player	Branch	Year
1	Badminton	Men	MBA	AI CYB	DS IT	Hridayawant Rathore	IMBA	IV
2	Badminton	Women	MBA	DS IT	ECE	Devika Kawale	MBA	I
3	Table-Tennis	Men	CIVIL	AI CYB	EN BIO	Omar Kazi	AIML	III
4	Table-Tennis	Women	AI CYB	CSE	EN BIO	Venushree Sharma	CYB SEC	III
5	Chess	Men	AI CYB	ECE	DS IT	Kshitij Mudliar	AIML	III
6	Chess	Women	EN/BIO	CIVIL	CSE	Aishita Chhabda	ECS	II
7	Basketball	Men	DS IT	EN BIO	CSE	Parth Borkute	DS	III
8	Basketball	Women	CSE	EN BIO	AI CYB	Sharvari Nene	CSE	III
9	Volleyball	Men	AI CYB	CIVIL	CSE	Brijesh Dixit	CIVIL	III
10	Volleyball	Women	EE	EN BIO	AI CYB	Mahi Tiwari	EE	IV
11	Cricket	Men	EN BIO	CSE	MBA	Atharva Babhulgaonkar	ECS	III
12	Cricket	Women	ECE	EN BIO	MBA	Anushka Pethe	ECE	IV
13	Athletics	Men	MBA	-	-	Pranav Fuke	CIVIL	II
14	Athletics	Women	EN BIO	-	-	Preeti Sathawane	EN BIO	III
15	Throwball	Women	EE	MBA	ECE	Mahi Tiwari	EE	IV
16	Futsal	Men	EN BIO	CIVIL	MBA	Mahavir Bhatt	ECS	IV
17	Tag-Rugby	Men	MBA	EE	MECH	Sai Vedant	MBA	II
18	Tug of War	Men	MECH	EN BIO	ECE	-	-	-
19	Tug of War	Women	MECH	MCA	EE	-	-	-
<b>Sr no</b>	<b>Best sportsperson of Year 2025 - 26</b>	<b>Branch</b>	<b>Year</b>					
1	Parth Borkute	DS	III					
2	Sharvari Nene	CSE	III					

Sr No	Best NSS of Year 2025 -26	Branch	Year
1	Hemakshi Yeole	DS	III
2	Shreyash Chaudhary	AIML	III

## Sports Cup Overall-Championship 2025-26

Sr No	Trophies	Men / Women	Winner
1	Fair-Play award	-	MECH
2	Sports Cup	Men	MBA
3	Sports-cup	Women	EN BIO

## Liberal Arts Courses

**Adventure Sports Camp** : Ramdeobaba University organized a two-day residential Adventure Camping program on 21st and 22nd February 2026 at IDEAS Camp, Ghorpad, for first-year (Semester II) students under the Liberal Arts Initiative. A total of 50 students (33 boys and 17 girls) participated under the guidance of Prof. Saket Kanetkar and Dr. Amrita Pande. The camp offered a unique blend of adventure, learning, and life skills, aimed at developing leadership, teamwork, and outdoor competencies. Key activities included icebreaking sessions, team formation, training in adventure gear, knot-tying, and tent pitching, along with trekking, rafting, river crossing, nature trails, and obstacle training. The overnight camping experience, where students set up their own tents, fostered confidence, self-reliance, and teamwork, making it a highly enriching experience.



## Introduction to Défense Forces and Obstacle Training

The Department of Physical Education at Ramdeobaba University organized a two-day residential camp on 21st and 22nd February 2026 at Prahargarh, Umrer Road, Nagpur, for first-year (Semester II) students under the Liberal Arts course Introduction to Defence Forces & Obstacle Training. A total of 95 students (69 boys and 26 girls) participated under the guidance of Prof. Shubham Itankar and Prof. Vinisha Nitnaware. The camp aimed at enhancing students' confidence, physical fitness, and understanding of defence training through activities such as rappelling, rock climbing, Burma Bridge, rope courses, monkey crawl, and Tarzan swing. A motivational session by Flt. Lt. Shiwalee Deshpande (Retd.) on discipline and leadership added significant value to the experience. The camp concluded with both theoretical and practical assessments, making it an enriching and impactful learning experience.



## First Aid & Disaster Management

The Department of Physical Education at Ramdeobaba University organized a one-day camp on 22nd March 2026 at IDEAS Camp, Ghorpad, for first-year (Semester II) students under the Liberal Arts course First Aid & Disaster Management. A total of 47 students (37 boys and 10 girls) participated under the guidance of Prof. Aayush Jadhav and Prof. Kanchan Gupta. The program focused on life skills, safety awareness, and experiential learning through activities such as introduction to local flora and fauna, firefighting training with mock drills and extinguisher demonstrations, and improvised rafting and river crossing. Group tasks further encouraged discipline, teamwork, and leadership, making the camp an engaging and practical learning experience.



## NSS

### HAPPYTHON :

The HAPPYTHON event, organized by the NSS Unit RBU in collaboration with the Sports Club RBU and Rotaract Club RBU was conducted successfully with enthusiastic student participation.

The program began with student registrations, followed by an energetic Zumba warm-up session led by ZIN Khushi Aswani and ZIN Shivani Khatri, and a Yoga demonstration session was conducted by the first-year students of HFW and Liberal Arts Course, emphasizing holistic well-being. This was followed by the welcome and felicitation of the guests, including **Saheb Singh Bhasin - an International Footballer**, in the presence of Dr. Sunita Dhote Ma'am, with the felicitation conducted by Dr. Sunita Dhote Ma'am and Dr. Amit Anurag sir - head, Dept of Phy Edu. An interactive session with the students highlighted the importance of fitness and a healthy lifestyle. Subsequently, students were flagged off for the 3km Marathon, 5km Walkathon, and 10 km Cycling events, which were conducted smoothly and safely. The event concluded with an award distribution ceremony at the college campus. The event successfully promoted fitness, positivity, and student engagement.



Zumba Session



Yoga Demonstration

## 76th Republic Day Celebration at RBU

Ramdeobaba University, Nagpur, celebrated the 76th Republic Day with great enthusiasm and patriotic fervour on 26th January 2026 at the university campus. Organized by the NSS Unit, the programme witnessed active participation from students, faculty, and staff. The celebration began with the arrival of dignitaries, followed by a traditional welcome, flag hoisting, and the National Anthem, setting a solemn and inspiring tone. This year's theme, "150 Years of Vande Mataram," highlighted the historical and cultural significance of the iconic national song. Dr. Rajesh Pande, Vice Chancellor, delivered the keynote address, emphasizing the role of youth in nation-building and the importance of values such as responsibility, discipline, and integrity. A vibrant cultural programme featuring performances by various student clubs added to the spirit of patriotism. The event concluded on a memorable and inspiring note.



## PRERNA 18.0 - Annual Socio - Cultural Camp

The Annual Socio-Cultural Camp of the NSS Unit, was successfully conducted from 22nd to 24th February 2026, showcasing three days of leadership, innovation, inclusivity, and community service.

- 22nd February 2026: Camp began with Chakravayuh, a team-building activity promoting leadership and resilience among NSS volunteers.
- 23rd February 2026: Inauguration ceremony with inspiring addresses by Retd. Col. Shirish Mujumdar and Principal Manoj Chandak. Key events included HACK-A-CAUSE (SDG 6 hackathon), TECH-SETU (social tech showcase), and Seva Samvad (social dialogue forum).
- 24th February 2026: Focus on inclusivity and service—JUNOON featured performances by specially-abled students, along with a Health Check-up Camp and Blood Donation Drive.
- 28th Feb – 1st March 2026: Gram Sampark outreach in Linga village engaged volunteers in rural development and community interaction.

PRERNA 18.0 concluded successfully, reinforcing values of service, innovation, and inclusive community engagement.





## SAHYOG Centre :

SAHYOG is an initiative undertaken by NSS volunteers to impart computer literacy to underprivileged children through a structured syllabus, with an examination conducted at the end of the course to assess learning outcomes.

The inauguration function of this session on 24th January 2026 witnessed the participation of 19 students, including 10 girls and 9 boys. The programme was honoured by the gracious presence of; Dr. Gourav Goyal, Director of Student Welfare at RBU; Dr. Y. M. Sonkhaskar; Dr. Amit Anurag, NSS Program officer of RBU along with all faculty members from the Department of Physical Education.



## TEMPLE REPORT

DATE	EVENT	ACTIVITY
06/01/2026	Sunderkand	Sunderkand By Shri Ramdeobaba Bhakt Kirtan Mandal
13/01/2026	Sunderkand	Sunderkand By Shri Ramdeobaba Bhakt Kirtan Mandal
20/01/2026	Duj/Magh Utsav	Bhajan Sandhya By Shri Ramdeobaba Bhakt Mandal and Flower Decoration by Local Artist
23/01/2026	Basant Panchmi	Magh Utsav Shri Viramdevji Janamutsav Jamma By Manish & Shubham Dayma From Jalna
27/01/2026	Sunderkand	Sunderkand By Shri Ramdeobaba Bhakt Kirtan Mandal
03/02/2026	Sunderkand	Sunderkand By Shri Ramdeobaba Bhakt Kirtan Mandal
10/02/2026	Sunderkand	Sunderkand By Shri Ramdeobaba Bhakt Kirtan Mandal
17/02/2026	Sunderkand	Sunderkand By Shri Ramdeobaba Bhakt Kirtan Mandal
19/02/2026	Duj	Bhajan Sandhya By Shri Ramdeobaba Bhakt Mandal And Flower Decoration By Local Artist
24/02/2026	Sunderkand	Sunderkand By Shri Ramdeobaba Bhakt Kirtan Mandal
02/03/2026	Holika Dehan	Holika Dehan After Mahaarti and Distribution Of Thandai Prasadi
03/03/2026	Sunderkand	Sunderkand By Shri Ramdeobaba Bhakt Kirtan Mandal
10/03/2026	Sunderkand	Sunderkand By Shri Ramdeobaba Bhakt Kirtan Mandal
17/03/2026	Sunderkand	Sunderkand By Shri Ramdeobaba Bhakt Kirtan Mandal
20/03/2026	Duj	Bhajan Sandhya By Shri Ramdeobaba Bhakt Mandal And Flower Decoration By Local Artist
24/03/2026	Sunderkand	Sunderkand By Shri Ramdeobaba Bhakt Kirtan Mandal
26/03/2026	Ram Navmi	Performed Pooja At Ram Darbar And Flower Decoration By Local Artist
31/03/2026	Sunderkand	Sunderkand By Shri Ramdeobaba Bhakt Kirtan Mandal





# RBU


RAMDEOBABA UNIVERSITY, NAGPUR

Formerly Shri Ramdeobaba College of Engineering & Management (RCOEM) Est. 1984

Learn | Innovate | Accomplish



Shri Ramdeobaba Temple on Campus

 **Ramdeobaba University, Nagpur, Ramdeobaba Tekadi,  
Gittikhadan, Nagpur – 440013**

 **+91 9156288990**  **www.rbunagpur.in**