

# IITRAM NEWS

A quarterly Newsletter of IITRAM, Ahmedabad

## INSTITUTE HIGHLIGHTS

### Convocation 2024

IITRAM held its 6th Convocation Ceremony on August 05, 2024, in Dr. Shyama Prasad Mukherjee Auditorium Hall, Vastral, Ahmedabad. A total of 160 graduates were conferred degrees. Of this, 129 B.Tech, 21 M.Tech and 10 doctoral graduates received degrees. 6 students, 3 each in Civil and Electrical Engineering, were awarded B.Tech degree with Honours. 5 students in Electrical Engineering and four in Mechanical Engineering were awarded B.Tech degrees with Minors. The Chief Guest of this convocation ceremony was Prof. Barjor Mehta, the President and Acting Director of CEPT University.



### Independence Day Celebration

IITRAM celebrated the 78th Independence Day on campus. The celebration was honored by the presence of the Director General, **Prof. B. N. Singh**. The day was marked by a series of events including dance, mime, singing, and poetry that highlighted the rich cultural diversity and patriotic spirit of our nation. The event was followed by Tree Plantation Drive "EK PED MAA K NAAM" organized by the Student Activity Cell in collaboration with NSS. A total of 50 saplings were planted after the flag hoisting ceremony.



### Open House for MTech and PhD

IITRAM organized Open House for M.Tech and PhD aspirants on 08.07.2024 in both online and offline

modes to appraise them of the various research opportunities offered by the institute. A special session on guidance to PG CET was also held.



### Teachers' Day Celebration

The institute celebrated Teachers' Day on 5.09.2024. A series of programs and activities were organized by the students to acknowledge and honor the contributions of the faculty members.

### Orientation Programme First Year B.Tech 2024

The Orientation Programme for the First Year B.Tech students was held on 14.08.2024. The event was attended by students along with their parents and guardians. The Deans and Heads of all Departments provided an overview of the institute, apprising the incoming students and their families about the academic structure, facilities, resources, and support services available. The session also included an introduction to the institute's vision, mission, and values, aimed at familiarizing the new students with the opportunities for holistic growth and academic excellence.



### SSIP 2.0 Sensitization Programme

SSIP Cell IITRAM organized the SSIP 2.0 Sensitization Programme for school students on 20.09.2024. Around 120 students of Pragati School located at Maninagar, Ahmedabad, participated and visited the laboratories and had interactions with faculty members of the institute.

### First Research Advisory Council meeting

First Research Advisory Council meeting of IITRAM was conducted on 09.08.2024 in Hybrid mode. The strategies for improving research output, improving PhD enrolment, improving R&D and research scholars funding, as well as enhancing translational research that would enable addressing societal and industry challenges were discussed.



### MoU signed

A Memorandum of Understanding (MoU) was signed between Indian Institute of Technology, Ropar and IITRAM on 20.08.2024 for academic and research collaboration. The MoU was signed by **Prof. B.N. Singh**, Director General of IITRAM and **Prof. Rajeev Ahuja**, Director of IIT Ropar:

A Memorandum of Understanding (MoU) was signed between CSIR-Central Road Research Institute and IITRAM on 04.09.2024 for academic and research collaborations. The MoU was signed by **Prof. M.K. Barua**, Director and Director General (Incharge) of IITRAM and **Prof. Manoranjan Parida**, Director of CSIR-CRRI.

### Vruksharopan Abhiyan, Ek Ped Ma Ke Naam

Hon. Director General of IITRAM attended an online conference on 29.07.2024 convened by Hon. Governor of Gujarat on 'Vruksharopan Abhiyan, Ek Ped Ma Ke Naam' i.e tree plantation drive and development and promotion of sports infrastructure in universities and encouraging and training players on a selected sport.



### DISTINGUISHED VISITORS AND INVITED TALKS

#### Invited Talks

Prof. Eknath Ghatge, a distinguished Mathematician from the Tata Institute of Fundamental Research (TIFR), Mumbai, delivered an invited talk on the topic "The

Iwahori mod-p Local Langlands Correspondence" on 30.08.2024.



A guest session on "Campus to Corporate" by Mr. Dhananjay Mori, AGM – HR & IR at PSP Projects Limited was held on 04.09.2024. The talk provided our students with essential insights into transitioning smoothly from campus life to the corporate world, covering key skills, workplace expectations, and professional etiquette.



An informative talk on "Development of Innovative Ecosystem in Gujarat" was delivered by Mr. Hadmat Gadhavi, Manager-Business Development, GSBTM & Dy. Coordinator of DSIR-GSBTM-TOCIC Cell on 04.09.2024.



### FACULTY NEWS

**Dr. Navneet Khanna**, Associate Professor in the Department of Mechanical and Aerospace Engineering and **Dr. Manish Sharma**, Associate Professor in the Department of Electrical and Computer Science Engineering are honored among the Top 2% researchers worldwide for the year 2023, as per a study conducted by Stanford University and Elsevier.

**Dr. Manish Sharma**, Associate Professor, Department

of Electrical and Computer Science Engineering, was selected among the Highly Ranked Scholar- Prior Five Years in the specialities of Wavelet, Wavelet Transform, Electroencephalo-graphy by Scholar GPS

**Dr. Sumit Tripathi**, Assistant Professor, Mechanical and Aerospace Engineering, selected as a "Support Grant Winner" to participate in the 26th International Congress of Theoretical and Applied Mechanics (ICTAM 2024) hosted by IUTAM and organized by KSME and KCTAM during 25-30.08.2024, in Daegu, South Korea. He presented his work in conference and interacted with experts in the fields of Theoretical and Applied Mechanics.

**Dr. I Watitula Longkumer**, Assistant Professor, Department of Humanities and Social Sciences, received a project titled "Developing an Alternative Access to Cultural Heritage: A Digital Archive of Naga Oral Heritage" from the Jaya Prakash Narayan Center of Excellence in Humanities. The project was sanctioned on 24.07.2024 and is for a duration of 2 years.

#### Workshop Organized

A week long program on "Skill Enhancement for Lab Assistants: Advanced Laboratory Techniques and Safety Practices" conducted by the Department of Mechanical and Aerospace Engineering, IITRAM was held from 15.07.2024 to 20.07.2024



#### Patents Granted

Adsorbent for Malachite Green Removal from Dye stuff Wastewater, and Method of Production Thereof. Inventors include **Dr. Mahuya Bandyopadhyay**, **Dr. Sourav Das**, Mr. Parikshit Paredi. The patent number is 547879 granted on 16.08.2024.

#### EVENTS @IITRAM

##### Health Check-up Camp

A free medical check-up event with Narayana Hospital, Ahmedabad was organized on 09.09.2024 and 10.09.2024 to offer essential health screenings and consultations for the students and staff members of the Institute. A total of 36 Staff Members and 94 Students took part in the event.

##### Awareness Program on Depression & Suicide Prevention

The Counseling Center organized an awareness program to observe the World Suicide Prevention Day on 12.09.2024. Mrs. Hima Anareddy, Student Counselor, IIT Bombay, was delivered a lecture. The program aimed at raising awareness on Anxiety, Depression and Prevention of Suicide among students and appraised

them on the various aspects of mental health and to seek professional help when necessary. The session included both theoretical instructions and practical activities.



#### STUDENT ACTIVITIES

##### Foundation Programme First Year B.Tech- Sammilan 2024

Sammilan 2024, the Foundation Programme for First Year B.Tech was held during 16.08.2024 to 19.08.2024. Various activities were organized during these days:

- The Counselling Center IITRAM organized a session to help incoming students adjust to college life, offering guidance on academics, mental health, and campus resources.
- A rocketry workshop was conducted to introduce the students to the basics of rocket science and hands-on model building. The session sparked interest in aerospace concepts and fostered teamwork through practical learning.



- An ice-breaking session was held to interact with their seniors. This session was aimed at building rapport and easing their transition into college life.
- NSS talk session was conducted to introduce them to the principles of social service and community involvement. The session aimed to inspire students to contribute positively to society through active participation in NSS activities.

Other activities included juggling, toy making, photography session, interaction with the Alumni Cell, quiz, and a musical night.

##### Cultural Fest 'Echoes'

IITRAM hosted its annual Cultural Fest "Echoes" from 13.09.2024 to 15.03.2024. The three-day extravaganza was a vibrant celebration of creativity,

talent, and cultural diversity, bringing the students together. Day 1 consisted of various exciting events such as stand-up comedy performance by Vivek Samtani. Food stalls set up by students adding a festive atmosphere. Day 2 comprised of scavenger hunt competition challenging participants to solve clues and complete tasks across the campus. The event encouraged creative thinking and collaboration, making it a memorable highlight of the fest. The winners were Yaman Patidar, Shivesh Singh, Hetvi Ghodasara, Nuzhat Hussain, Reena Paikra. Day 2 also featured exhilarating dance and music competition that showcased the diverse talents of our students alongside, the highly anticipated fashion show competition. Day 3 comprised of Art and Craft Stalls showcasing the creativity of talented students. Visitors enjoyed an array of unique items, from intricate paintings to handcrafted jewelry. The Games Stalls added a fun and competitive spirit to the cultural fest, featuring a variety of engaging activities that attracted participants of all ages. A



Short Film Making Competition was organized showcasing the creativity and talent of budding filmmakers. Participants produced captivating stories within a limited timeframe, reflecting diverse themes and innovative styles. A panel of judges evaluated the entries, providing valuable feedback to all contenders. Day 3 concluded with the awaited Musical Night. The event featured popular local artists. This memorable closing event was received with excitement and camaraderie, capping off a fantastic celebration.

### Yoga Day Celebration

International Yoga Day was celebrated on 21.06.2024 virtually to encourage our community to embrace the benefits of yoga and inspire each other to lead healthier lives.

### Know your Alumni

In its continuing series, the Alumni Cell organized Know your Alumni on 21.09.2024. Mr. Neel Panchal an undergraduate alumnus from the Department of Mechanical Engineering and the Founder and CEO at

Pratham Youth Community interacted with the current students of IITRAM and shared his inspiring journey.



### Anti-Ragging Week

The Counselling Center IITRAM observed Anti-Ragging week from 12.08.2024 to 17.08.2024 emphasizing on the importance of creating a safe and respectful environment on campus. Various informative awareness sessions and lectures, mime act, slogan, E-poster making competition and essay writing competitions were organized to educate students on campus on the importance of creating and contributing to a ragging-free campus.



### Tobacco Free youth campaign 2.0

IITRAM and Ahmedabad Municipal Corporation AMC Officer from the Health Department organized the Tobacco-Free Youth campaign on 27.09.2024. Students of IITRAM participated in the event.

### Anveshana-A National Level Hackathon

**Nimish Soneji, Keval Dafda, Dhruv Parikh, Tushar Thakor**, B.Tech. students, secured 3<sup>rd</sup> Position in Anveshana: A National Level Hackathon (36hrs), organized by Atmiya University on 10.09.2024 and 11.09.2024.

### Ph.D. Thesis Defended

**Swara Joshi**, Doctoral candidate Discipline of English under the supervision of **Dr. Meera Vasani**, successfully defended her thesis titled "Regional Culture and Literature of Mavchi, Bhil and Gond Communities: An Ecocritical Approach" on 31.07.2024.

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