

IITRAM NEWS

A quarterly Newsletter of IITRAM, Ahmedabad

INSTITUTE HIGHLIGHTS

Foundation Day Celebration

The Institute celebrated its 12th Foundation Day 2025 on 13.10.2025. The event was focussed on showcasing the institute's achievements and strengthening connections within the academic community. The day consisted of a talk on "Magic of Mathematic", guided Lab visits to CoEs and departments, and quiz competition.



LECTURES, WORKSHOPS, CONFERENCES, STTPs

An expert talk was organized by the Women's Development Cell on 06.10.2025 on the topic "Wellness 360: Understanding Body & Health." The talk was delivered by Dr. Dhruvi Hasnani a distinguished medical professional serving as Co-Founder of Rudraksha Institute of Medical Sciences, Consultant Diabetologist, and Head of Clinical Research.



A Two-Day Workshop on "CYBERWISE – Cybersecurity Workshop for Information Security Expertise" was held from 14.11.2025 to 15.11.2025 at IITRAM. The event was sponsored by CAWACH Kendra, Government of Gujarat and aimed at promoting awareness and practical understanding of cybersecurity. The workshop focussed on topics such as cyber hygiene and safe online practices, phishing and ransomware prevention, social media and data privacy etc.

Eminent experts from academia, industry, and government organizations delivered interactive sessions and live demonstrations during the workshop.



The Department of Electrical and Computer Science conducted an Expert Talk on "Time frequency domain based signal analysis and applications" on 19.11.2025. The talk was delivered by Prof. Ram Bilas Pachori, Professor (HAG) IIT Indore.

The Department of Basic Sciences organized an International Conference on "Advanced Materials for Sustainable Energy and Environmental Infrastructure (ICAM-SEEi)" during 26.11.2025 to 28.11.2025 at IITRAM, Ahmedabad. The conference was sponsored by ANRF, DST, Gujarat Council of Science and Technology, and GSBTM. The event brought together leading scientists, researchers, and scholars from across India and around the world to engage in meaningful discussions on cutting-edge advancements in sustainable energy and environmental infrastructure.



IITRAM in collaboration with GUDI conducted a 5 Days STTP on Road and Bridge Infrastructure 2.0 during 24.11.2025 to 28.11.2025. The programme was focussed on initiative to upgrade skills, enhance technical excellence, and build future-ready urban infrastructure for Gujarat.

FACULTY NEWS

Dr. Sudhakar Chaudhary, Associate Professor, Department of Basic Sciences, secured a project titled “Isogeometric approximation of Steklov Eigenvalue problems for Biharmonic and Laplace operators”. The project is funded by National Board for Higher Mathematics (NBHM), Department of Atomic Energy(GOI).

Dr. Prakash Dabhi, Associate Professor, Department of Basic Sciences, secured a project titled “Study of some spectral Properties of Banach Algebras”. The project is funded by National Board for Higher Mathematics (NBHM), Department of Atomic Energy(GOI).

OUTREACH ACTIVITIES

IITRAM participated in the Vibrant Gujarat Regional 2025 held at Ganpat University, Mehsana, from 09.10.2025 to 13.10.2025. The five-day event provided an excellent platform for showcasing innovation, fostering industry partnerships, and exploring emerging opportunities in Gujarat's dynamic economic landscape.

As part of the outreach activities, students of IITRAM participated at the Ahmedabad Book Festival 2025 held during 15.11.2025 and 16.11.2025. Over 100 students participated in the event on both days.



STUDENT ACHIEVEMENTS & ACTIVITIES

Students achievement

Pihu Saharan, Vibhor Kanjoliya, Aryaman, B.Tech students, Dr. Kumar Abhishek, and Dr. Dileep Kumar Gupta was awarded the Best Paper for the paper titled “Comparative Analysis on the Climate Impact Assessment of 3D Printing Materials” at the 4th International Conference on Sustainable Technologies and Advances in Automation, Aerospace and Robotics (STAAR-2025) held at VIT Bhopal University held during 17.12.2025 to 18.12.2025.

Ajaat Kaushikeya, Advika Verma, and Aaditya Aaryan, B.Tech students, won First Prize at IFAT India 2025. Their innovative work on sustainable water and

wastewater management earned them this achievement. These students will represent India at the Young Water Professionals' Programme from 04.05.2026 to 07.05.2026 in Munich, Germany.



Manan Shah, Doctoral Scholar, was awarded the Best Oral Presentation for the paper titled, “Lightweight Metallic Foam Sandwich Structures - Novel Fabrication Approaches and Applications in Strategic Sector” at the International Conference on Advanced Materials and Mineral Processing organized by The Indian Institute of Metals and Department of MSME, IIT Hyderabad held during 04.12.2025 to 06.12.2025.

Adidev Shah, Falgun Baria, Dhyhan Patel, and Husain Lokhandwala, B.Tech students, successfully advanced from Level I (Ideation) to Level II (Proof of Concept) in ROBOFEST-GUJARAT 5.0.



Team CODE CLASHERS, **Nal Joshi, Neil Joshi, Neel Joisher, Rushil Amerliya, Madhav Sorathiya**, B.Tech students, secured 1st place in Gun Designing (Mechanic Mayhem) and over all Second in Code and Debug at Tech TrekRelay 2025 organized by IEEE Ahmedabad University Student Chapter and IEEE Gujarat.



Vivek Talwani secured second position in Open Age category in Men's Football held in Junagadh district, Khel Mahakumbh competition.

Pranjal Mewada, B.Tech student, secured First Position (Gold), in Khel Mahakumbh 3.0 district level and third position (Bronze) in state level under the Under 40kg Open Age category.



The NSS Volunteers of IITRAM won the Heritage Treasure Hunt Championship on World Heritage Day held on 23.11.2025.



Social Events @IITRAM

Cleanliness Drive was organized on 02.10.2025 in honor of Gandhi Jayanti, promoting the values of cleanliness and social responsibility.

Pad Distribution Drive was held on 04.10.2025 at Sayajipur Gujarati School. The event aimed to promote menstrual hygiene awareness and support under-privileged students.

Sanchar Mitra Awareness session was conducted on 20.11.2025 at IITRAM for the institute's cleaning staff. 28 participants attended the session. The session was focussed on mobile security, use of the Sanchar Saathi app, and protection against telecom and online fraud.



Two Mental Health and Emotional Space events were held on 15.10.2025 and 25.11.2025. The programs covered various concepts related to mental health and emotional space, how to understand signs and symptoms related to mental well-being. A similar session titled "Thrive Together" was conducted on 30.10.2025 to encourage students to share their emotions freely.

Cultural Events @IITRAM

IITRAM Cultural Fest ECHOES 2025 was held on campus from 10.10.2025 to 12.10.2025. The 3 days extravaganza brought the campus alive with vibrant performances, artistic displays, and a wide range of competitions that showcased the diverse talents of the IITRAM community.



Viksit Bharat Saptah was celebrated with a series of activities organized to promote awareness and participation in the vision of a developed India. Included a Speech Competition on 08.10.2025, a Pledge Taking Ceremony on 09.10.2025, & an Essay Writing Competition on the theme "Viksit Bharat" on 13.10.2025.

The 150th Anniversary of the national song Vande Mataram was celebrated on 10.11.2025 with enthusiasm and patriotic spirit at the institute. The program highlighted the historical significance and enduring relevance of Vande Mataram in India's freedom movement and national identity.



IITRAM celebrated Veer Baal Diwas on 26.12.2025 to honour the courage, sacrifice, and resilience of the Sahibzade's the sons of Guru Gobind Singh Ji. The day was marked by engaging competitions such as debate, poetry, and essay writing.

Technical events @IITRAM

InfraVision 2047, students' competition, was held during 04.11.2025 to 05.11.2025. The competition comprised three activities: model making, poster presentation, and a thematic quiz.



The CAWACH Kendra, GoG supported CYBERWISE -2025, organized by the Cyber Club of IITRAM, convened leading researchers, industry experts, and academicians to explore emerging challenges and cutting-edge innovations in the field of cybersecurity during 14 & 15. 11. 2025.



The Tekstra (Coding Club) successfully organised an engaging Web Development Session as part of its Pulse 3.0 series. The session aimed to introduce students to one of the most in-demand and creative domains in the tech world Web Development.

Sports events @IITRAM

The Intra-Institute Volleyball Championship(IIVC'25) was successfully conducted from 21.11.2025 to



23.11.2025. The tournament witnessed enthusiastic participation with 10 boys' teams and 04 girls' teams, making it one of the most competitive editions so far. With an aim to promote a fit and healthy lifestyle among students, a Cycle Ride event was held on 05.10.2025. Students and faculty enthusiastically participated, cycling together around the campus in a lively and energetic atmosphere.

PH.D. THESES DEFENDED

Jitesh Mandaliya, a Doctoral Scholar, Department of Basic Sciences (Mathematics), under the supervision of Dr. Sudhakar Chaudhary defended his Ph.D. thesis titled "Numerical analysis of time-dependent problems using weighted b-spline and finite element methods" on 01.10.2025.

Mahi B. Patil, a Doctoral Scholar, Department of Civil Engineering, under the supervision of Dr. Kannan K. R Iyer & Dr. Trudeep N. Dave defended her Ph.D. thesis titled "Performance Evaluation of Unstabilized and Biostabilized Landfill Mined Soil-like Fraction (LMSF) for Fill Applications" on 17.11.2025.



Jitendra Yadav a Doctoral Scholar, Department of Mechanical and Aerospace Engineering under the supervision of Dr. PL. Ramkumar and Dr. Ajit Kumar Parwani defended his thesis titled "Experimental Analysis with ML-Based Property Prediction of Polymer Composites using Rotational Molding Process" on 27.10.2025.

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