

IITRAM NEWS

A quarterly Newsletter of IITRAM, Ahmedabad

INSTITUTE HIGHLIGHTS

Inauguration of IITRAM Residential Campus

The newly constructed Girls' Hostel, Boys' Hostel, and E-1 Type Staff Quarters was inaugurated by Shri Rushikesh Patel, Hon'ble Cabinet Minister, GoG on 14th July 2025. Shri Mukesh Kumar, IAS, Principal Secretary, Education Department, GoG, was the Guest of Honor. The residential campus is spread across 2.75 acres, and includes a Boys' Hostel with 344 rooms, a Girls' Hostel with 96 rooms, and 56 Faculty Quarters (3 BHK flats). Additionally, the complex also has 28 rooms for Guest House. The residential campus is equipped with modern facilities such as a swimming pool, reading room, entertainment room, and dedicated study areas.



Independence Day Celebration

IITRAM celebrated Independence Day on 15.08.2025 with students, faculty, and staff to honor the spirit of freedom and unity. The event began with the hoisting of the national flag, followed by the singing of the national anthem and inspiring speeches that reflected the values of courage and sacrifice. The flag hoisting was followed by cultural performances, patriotic songs, and student activities.

7th Convocation IITRAM

The 7th Convocation Ceremony for the Class of 2025 was held on 22.08.2025 at the Dr. Shyama Prasad



Mukherjee Auditorium. A total of 88 B.Tech., 2 M.Tech., and 14 Ph.D. degrees were conferred during the ceremony. The institute also proudly recognized the outstanding achievements of its students, presenting 7 medals to honor exceptional academic performances. Professor Manoj Choudhary, Vice Chancellor, Gati Shakti Vishwavidyalaya, graced the occasion as the Chief Guest.

MoU with IIT Gandhinagar

IITRAM signed a Memorandum of Understanding (MoU) on 05.07.2025 with IIT Gandhinagar to promote collaborative research in areas of mutual interest. The agreement also facilitates joint supervision of B.Tech., M.Tech. (projects and internships), and Ph.D. students, as well as student exchange opportunities between the two institutions.



MoU with NFSU

IITRAM signed a Memorandum of Understanding (MoU) on 19.09.2025 with National Forensic Sciences University to strengthen research, innovation, and student exchange. This academic partnership will open new doors for knowledge sharing, collaborative projects, and global learning experiences for students and faculty.



Industry Partnership with Harbor Project & Consulting

A Non-Disclosure Agreement (NDA) was signed on 28.07.2025 between IITRAM and Harbor Project & Consulting to foster innovation and strengthen industry-academia collaboration.



Orientation program

An orientation program for the incoming First-Year B.Tech. students was held from 14.08.2025 to 19.08.2025 to help them adjust to the new campus environment. Throughout the week, students participated in a variety of engaging activities, including a Rocketry Workshop, Painting, E-Poster Making, Toy Making, Vintage Games, and Cultural Programs. They also attended informative sessions organized by the NSS and Counselling Centre.



Industry-Academia Conclave with AEMA

An Industry-Academia Conclave was jointly organized with the Ahmedabad Engineering Manufacturers' Association (AEMA) on 31.07.2025 to strengthen and foster long-term collaboration between industry and academia.



CSR Contribution by Inductotherm (India)

Inductotherm (India) donated a 15 kW Induction Heating and Melting System, valued at approximately Rs.17 lakhs, to the IITRAM workshop as part of its CSR initiative. This advanced equipment will enhance hands-on training and research in thermal engineering and metal processing.



Health Check-up Camp

A free health check-up camp was in collaboration with Narayana Hospital, Ahmedabad was organized on 10.09.2025. The event offered essential health screenings and consultations to the students and staff members of the Institute. A total of 28 Staff Members and 111 Students participated in the event.

LECTURES, WORKSHOPS, CONFERENCES, STTPs

A Training Programme on **Urban Water Supply and Sewerage Systems 2.0** was held for practicing engineers from 10.08.2025 to 22.08.2025.



A Short-Term Training Program (STTP) "**Molecular Modelling and Molecular Dynamics Simulations for Functional Nanomaterials and Nanocomposites**" was conducted from 30.06.2025 to 12.07.2025. The program provided participants with hands-on experience and insights into advanced computational techniques in nanomaterials research.

A Two-Day National Conference was organized jointly by the **Centre of Excellence in Advanced Defence Technology and the Centre of Excellence in Aerospace and Defence** from 01.08.2025 to 02.08.2025. The event served as a platform for experts, researchers, and industry professionals to exchange ideas and discuss recent developments in defence and aerospace technologies.

A workshop on **Materials Characterization: Structure, Spectroscopy, and Microscopy** was held from 18.08.2025 to 23.08.2025. The workshop featured renowned experts from across the country, delivering lectures focused on the analysis and techniques of materials characterization. Distinguished Professor Anil Bhardwaj, Director, Physical Research Laboratory, Ahmedabad, graced the occasion as the Chief Guest.



A Capsule Course on **Industrial HVAC Design & Practices** was held on 08.09.2025. The program provided participants with practical insights, hands-on learning, and expert guidance to enhance their technical skills in the field on HVAC systems.

IITRAM, in collaboration with the National Accreditation Board for Testing and Calibration Laboratories (NABL), hosted the **Gunvatta Yatra – NABL Awareness** Program on 08.09.2025 to promote laboratory accreditation, strengthen research, and boost consultancy and collaboration opportunities. Dr. Bhumi Rajyaguru, Joint Director, NABL-QCI, Ahmedabad delivered a talk.



FACULTY NEWS

A two-day Leadership Seminar for faculty members of IITRAM was organized during 15.07.2025 to 16.07.2025. Six faculty members from various departments conducted sessions based on the insights they had gained from similar programs organized at different IITs.

Dr. Navneet Khanna, Associate Professor, Department of Mechanical and Aerospace Engineering, received the CLARIVATE India Research Excellence Award 2025 in

Engineering and Technology for his work in Smart and Sustainable Manufacturing and Life Cycle Assessment.



Dr. Navneet Khanna, Dr. Kumar Abhishek, Associate Professors, Department of Mechanical and Aerospace Engineering, Dr. Manish Sharma, Associate Professor, Department of Electrical and Computer Science Engineering, have been recognized among the World's Top 2% Scientists by Elsevier and Stanford 2025.



Dr. Navneet Khanna
Mechanical & AeroSpace
Engineering Department



Dr. Kumar Abhishek
Mechanical and Aerospace
Engineering

OUTREACH ACTIVITIES

A group of 160 students from MIT Pune visited IITRAM's laboratories and Centres of Excellence to gain exposure to advanced research facilities and ongoing projects.

Dr. Gautam Borisagar, Assistant Professor, Department of Basic Sciences, conducted a seminar on The Magical World of Mathematics at Swaminarayan Vidyamandir, Ghodasar, on 13.09.2025. The session sparked curiosity, engaged students through interactive puzzles, and promoted joyful learning in Mathematics.



STUDENT ACTIVITIES

Social events @IITRAM

Anti-Ragging Week was held from 12.08.2025 to 18.08.2025 with an objective of creating a campus environment that is safe, respectful, and inclusive for everyone. This focussed on raising awareness on the serious issue of ragging, encouraging open conversations, and standing against any form of bullying or harassment.

Dayatva successfully organised an event on Emotional Space for the first year UG students on 27.08.2025. The event provided students with a safe and supportive environment to share personal experiences or incidents that they may not feel comfortable discussing in public.

The Counselling Centre organized **Awareness Mindfulness Practices** for students on 02.09.2025. Another awareness session on Suicide Prevention was conducted on 30.09.2025. Through interactive sessions, peer discussions, and scenario-based learning, students were equipped with the tools to recognize signs of distress, support one another, and seek help when needed.

Cultural Events @IITRAM

A Garba Workshop was organized on 20.08.2025 as an engaging prelude to the festive season, celebrating the cultural traditions of Gujarat. This was followed by Garba Festival at IITRAM residential campus on 27.09.2025 & 28.09.2025. The event brought together students, faculty, and staff in a joyous atmosphere, highlighting the rich cultural heritage of Gujarat.

A Freshers' DJ Night was held at IITRAM on 30.08.2025 to welcome the new batch of students. The event brought together students from all years, creating a lively and inclusive atmosphere filled with energy and excitement.

Technical events @IITRAM

The **Smart India Hackathon (SIH) 2025** was held from 05.09.2025 to 07.09.2025. The event brought together innovative minds to solve real-world problems through technology and creativity. Students collaborated in teams, showcasing their technical expertise, problem-solving skills, and innovative thinking.

The **TechLens Club** organized photography competition on 19.08.2025. Participants showcased their photography skills by capturing unique perspectives and moments that reflected artistry and imagination. The competition provided a platform for students to express their creativity through the lens, exploring themes that

highlighted both technical precision and aesthetic appeal.



The **Tekstra (Coding Club of IITRAM)** successfully organized a Resume Reviewing Session for the first and second-year students, providing them with valuable insights into crafting impactful and professional resumes.

Sports events @IITRAM

The **National Sports Day** Celebration was held from 29.08.2025 to 31.08.2025. The celebration featured a variety of athletic and recreational activities, for the students, faculty, and staff members of the Institute.



PH.D. THESES DEFENDED

Parishi H. Dalal, Doctoral Scholar, Department of Civil Engineering, under the supervision of **Dr. Trudeep Dave** and **Dr. Kannan Iyer** defended her Ph.D. thesis titled "Development and Performance Evaluation of Controlled Low Strength Material Utilizing Pond Ash and Landfill Mined Soil Like Fraction as Filler Materials" on 15.07.2025.

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Published by: External Communications, IITRAM

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