

IITRAM NEWS

A quarterly newsletter of IITRAM, Ahmedabad

INSTITUTE HIGHLIGHTS

Independence Day Celebrations: IITRAM marked the 77th Independence Day on campus with fervent patriotism. The celebration was honored by the presence of Director General, **Prof. B. N. Singh**, followed by a Tree Plantation Drive at the hostel.



Orientation and Foundation Programme:

IITRAM conducted the Orientation Programme on 14. 08.2023 for the incoming batch of B.Tech students. These students are set to embark on their academic journey, pursuing courses in various branches of engineering at IITRAM. The event, attended by students and their parents/guardians, served as a testament to IITRAM's dedication to holistic education. The Orientation Programme provided a valuable platform for newcomers and their parents/ guardians to immerse themselves in the institution's esteemed legacy.



5th Convocation: IITRAM celebrated its 5th Convocation for the Batch of 2022 and 2023 on 22.09.2023. The distinguished Chief Guest was

Prof. Sanghamitra Bandhyopadhyay, a Padma Shri Awardee and the Director of the Indian Statistical Institute Kolkata. The event was graced by the esteemed Chairman of the Board of Governors (BOG), Prof. Sudhir K. Jain, and various BOG members. A total of 352 graduates were honored during this convocation, comprising 288 B.Tech, 50 M.Tech, and 14 doctoral graduates from the classes of 2022 and 2023. Meritorious students across all branches of Engineering were recognized with 11 Gold and 10 Silver medals at the undergraduate and postgraduate levels. Mr. Harsh Jadav from Civil Engineering and Mr. Sarv Verma from Electrical Engineering were awarded the Chairman's medal for the outstanding performance in the classes of 2022 and 2023, respectively.



Open House: IITRAM held an online open house event on 18.07.2023, for prospective students and their parents. The event highlighted the advanced research facilities and center for excellence and outstanding STEM education facilities in IITRAM.



INVITED TALKS, WORKSHOPS AND CONFERENCE ORGANIZED

The Career Development and Promotion of Innovation and Industrial Research (CDPIIR) IITRAM organized an exclusive talk on “Career Opportunities in the Department of Atomic Energy” on 06.09.2023. The expert talk, as part of the Career Talk series, was delivered by Mr. Abhimanyu Bharadwaj, Scientific Officer, Design and Manufacturing Technology Division, Raja Raman Centre for Advanced Technology, Department of Atomic Energy.

Shri Sunil Parekh, Strategic Advisor and Head of Corporate Affairs at Zydus Cadila, engaged in an insightful interaction with the faculty members on 21.07.2023. The discussions encompassed pivotal infrastructure-related subjects while inspiring and encouraging faculty members to foster collaboration with industries.



IITRAM organized a two-day workshop event Industry Academia Conclave 2023 which included panel discussion on startup ecosystem, research poster presentation start-up pitches “Pitch se Pao”, and other fun activities on September 1 & 2, 2023, IITRAM. This opportunity facilitated academia and industry experts to ignite innovation and foster collaboration.



Dr. Gautam Borisagar, Assistant Professor, Department of Basic Sciences delivered a talk on “Magic of Mathematics” at Science City organized in collaboration with American Indian association, Gandhinagar on 21.10.2023.

MEMORANDUM OF UNDERSTANDING

IITRAM signed an MOU with Innovante Water Solutions on 19.07.2023 for a period of 5 years. This collaboration marks a significant milestone in fostering a robust industrial and academic relationship. Through this joint venture, Innovante Water Solutions and IITRAM aim to collaborate for consultancy projects.



IITRAM signed an MOU with SVNIT on 22.07.2023 at IITRAM. The MOU will facilitate both universities to engage in joint research activities and exchange of students and faculty members for teaching and learning. This will also pave the way for joint conferences and symposia on subjects of mutual interest.



FACULTY NEWS

Department of Mechanical Engineering conducted a workshop on "Exploring Measurement and Control in Robotics using Arduino and IoT Devices" on 03.08.2023. A total of 35 participants from academia attended the workshop.

SIEMENS Center of Excellence in association with ASME, Gujarat Chapter conducted a one-day workshop on “Metallography and Microstructure” on 23.09.2023. The workshop was attended by 40 participants from various industries.

Dr. Ramnarayan Yadav, Assistant Professor, Department of Electrical and Computer Science Engineering, presented his research work at the TIH-NSF workshop meeting held in Baltimore, USA. This workshop brought together Principal Investigators (PIs) and Co-PIs involved in projects funded under the TIH-IoT US-India Collaborative Research Program 2022.



SPONSORED & CONSULTANCY PROJECTS

Dr. Meera Vasani, Department of Humanities and Social Sciences, secured a project titled “Dhunis: The Icon of Socio-Cultural Reformation in the Life of Panchmahal Bhils”- under Special Call for Studies of the Culture, History, and Geography of the Scheduled Tribes of India from Indian Council for Social Science Research (ICSSR)

Dr. Dileep Gupta, Department of Mechanical and Aerospace Engineering and **Dr. Meera Vasani**, Department of Humanities and Social Sciences, jointly secured a project titled “Performance Appraisal and Assessment of PM Fasal Bima Yojana's: Its Impact, Penetration, and Challenges among Marginal Farmers: A Study of select areas of Rural Area of Gujarat and Chhattisgarh” under Special Call for Studies of the Culture, History, and Geography of the Scheduled Tribes of India from Indian Council for Social Science Research (ICSSR)

PATENT GRANTED

Fabrication of implant screw required in dental

prosthesis using rotational molding mechanism. Inventors include **Nikita Gupta**, Ph.D. Student and **Dr. PL. Ramkumar**, Assistant Professor, Department of Mechanical and Aerospace Engineering. The patent number is 452908 granted on 20.09.23.

Sustainable Pavement Subbase Material Containing Landfill Mined Soil Like Fraction, and Method of Pavement Subbase Construction. Inventors include **Mahi Patil**, **A. Sandeep Reddy**, **Parishi H. Dalal**, Ph.D. students, **Dr. Trudeep N. Dave**, **Dr. Kannan K. R Iyer**, Assistant Professors, Department of Civil Engineering. The patent number is 448789 granted on 31.08.23.

Desiccant Induced Atmospheric Water Extractor. Inventors include **Shivansh Yadav**, B.Tech student, **Dr. Jai Devi Jeyaraman**, Assistant Professor, Department of Civil Engineering, **Tarun Rizwani**, B.Tech Alumnus, **Dr. Dipankar Deb**, Professor, Department of Electrical and Computer Science Engineering, The Indian Patent for Design- 385358-001 granted on 11.08.23.

IOT enabled safety belt for vehicle seat. Inventors include **Dr. Meera Vasani**, Department of Humanities and Social Sciences **Mr. Amit Devani**, **Dr. Dipankar Deb**, Professor, Department of Electrical and Computer Science Engineering and co-inventor. The Indian Patent for Design- 389459-001 granted on 03.07.23.

STUDENTS ACHIEVEMENTS

- Shubhanshi Gupta**, Ph.D. student in Mathematics, Department of Basic Sciences working under the supervision of **Dr. Gautam Borisagar** secured the CSIR NET JRF fellowship with All India Ranking 52.
- Manvi Kaushik** and **Mr. Nihal Dalwadi**, Ph.D. students, successfully completed their Ph.D. defense in the Department of Basic Sciences (Mathematics) and Department of Electrical and Computer Science Engineering respectively on 04.09.2023.
- A. Sandeep Reddy**, Ph.D. student, Department of Civil Engineering won first prize for poster presentation based on his research work at Industry Academia Conclave 2023 organized at IITRAM during Sep. 1-2, 2023.

CAMPUS DEVELOPMENT

The expansion of the academic block is scheduled for completion by the end of the year 2023. Simultaneously, progress on housing facilities for boys, girls, and faculty is underway and is expected to be finalized by March 2024.



STUDENTS ACTIVITIES

The Coding club, IITRAM conducted a web development competition on 28.08.2023. 3 groups of students from IITRAM participated.



Team Dayatva organized a sanitary pad distribution drive on 30.08.2023 to promote awareness, break taboos, and advocate for the right of every woman to receive proper menstrual care.



Intra-IITRAM Volleyball championship was held from Sept. 21-23, 2023. 12 teams from IITRAM participated in the tournament.



E-sports tournament was conducted from Sep. 13-17, 2023. 110 students from IITRAM participated in various e-sports like Clash Royale, Valorant, BGMI, CODM, Stumble Guys, Mini militia etc.



GET IN TOUCH

Alumni Relations

Dr. Kumar Abhishek
E-mail: alumni@iitram.ac.in

School Outreach Programme

Dr. Gautam Borisagar
E-mail: outreach@iitram.ac.in

External Communications

Dr. Jaidevi Jeyaraman
E-mail: extcomm@iitram.ac.in

Office

E-mail: office@iitram.ac.in

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E-mail: extcomm@iitram.ac.in

Website: www.iitram.ac.in