

IITRAM NEWS

A quarterly newsletter of IITRAM, Ahmedabad

INSTITUTE HIGHLIGHTS

10th Foundation Day

On 16.10.2023, IITRAM marked the celebration of a decade of academic excellence and innovation during its 10th Foundation Day. This represents a remarkable milestone in the institute's journey, signifying a momentous occasion that reflects the dedication, hard work, and unwavering commitment to excellence that have defined IITRAM's legacy. The Chief Guest of the event was **Prof. Rajeev Ahuja**, Professor, Uppsala University (Sweden) and Director, IIT Ropar, and the event was attended by the entire community of IITRAM, Ahmedabad.



Participation in Startup Conclave and Expo 2023

IITRAM showcased its academic and research achievements through exhibition stalls at the Startup Conclave 2023 held from 06.12.2023 to 10.12.2023, at Helipad Ground, Gandhinagar. Additionally, IITRAM's contributions were featured at the 6th Bharatiya Vigyan Sammelan and Expo, a collaborative event organized by Vijnana Bharati and the Government of Gujarat, held at Science City, Ahmedabad from 21.12.2023 to 24.12.2023.



IITRAM hosts New India Vibrant Hackathon 2023

The SSIP Cell at IITRAM hosted Regional Round of the New India Vibrant Hackathon 2023 on 04.11.2023. The event

brought together young minds from universities and schools across the country. A total of 90 teams with around 500 students participated in the event.



Internal Complaint Committee (ICC) Training Programme

Internal Complaint Committee (ICC) IITRAM conducted a training programme on 04.10.2023. The training was conducted by **Ms. Pritarani Jha** (External member of ICC IITRAM).



Sansmaran- Homecoming 2023

Alumni Relations IITRAM held its first alumni meet Sansmaran- Homecoming 2023 on 23.12.2023 at the institute campus. 24 students registered and participated in the event providing current students with an excellent opportunity to reconnect, share experiences, and foster a sense of community within the IITRAM family.



DISTINGUISHED VISITORS AND INVITED TALKS

- **Mr. Piyush Kumar Gaurav**, Scientist at ISRO, delivered a talk on “Explore the Universe of Space Science” on 27.10.2023.
- A distinguished guest lecture was held at IITRAM on “Eradicate Corruption-Build A New India” on 28.11.2023. The Guests of Honour were **Dr. I.P. Gautam**, IAS (Retd.), Former First Member, Lokpal of India, and **Prof. Rama Shanker Dubey**, Vice Chancellor, Central University Gujarat, Gandhinagar and the lecture was presided by **Prof. B. N. Singh**, Director General, IITRAM.



- Faculty members had an interaction session with **Prof. Vikram M. Gadre**, Professor, Department of Electrical Engineering at IIT Bombay and a Member of the Academic Council at IITRAM on 23.11. 2023.



- **Prof. Ujjwal Maulik** from Jadavpur University delivered an expert talk titled “Artificial Intelligence and Data Science: Current Trends and Future Challenges” on 17.11.2023.



MOU with Narendra Modi Medical College (NMMC)

IITRAM signed an MoU with **Narendra Modi Medical College (NMMC)**, Ahmedabad on 18.10.2023. The MoU aims to enhance collaboration between doctors and engineers.

MOU with Louisiana State University Shreveport (LSUS)

Louisiana State University Shreveport (LSUS) and IITRAM have formalized a MoU to facilitate inter-university collaboration. Under the MoU, LSUS and IITRAM aim to promote student exchanges, faculty collaborations, and joint research initiatives.



MOU with SDAU Rural Business Incubation Centre (SDAURBIC)

IITRAM and the NABARD assisted SDAU Rural Business Incubation Centre (SDAU RBIC) in North Gujarat signed an MoU on 07.12.2023. This MoU aims to strengthen the ecosystem for innovation and entrepreneurship operating in rural and agricultural domains.



FACULTY NEWS

- **Dr. Prasun C. Tripathi** joined as an Assistant Professor in the Department of Electrical and Computer Science Engineering at IITRAM. He holds a Ph.D. in Computer Science from IIT (ISM) Dhanbad and has worked as a Post-doctoral fellow at the University of Sheffield, UK.
- **Dr. Ravi Bhandari** joined as an Assistant Professor in the Department of Electrical and Computer Science Engineering at IITRAM. He holds a Ph.D. in Computer Science from IIT Bombay and has worked as an Assistant Professor, Department of Computer Science and Engineering, at IIIT Nagpur.

- **Dr. Gautam Borisagar** conducted a session in Science City for school students in a program organized by Gujarat Council of Science City under the aegis of Department of Science and Technology, Government of Gujarat, in collaboration with American Indian Foundation.



Invited/Conference Talks

Follow link for more details: https://iitram.ac.in/res_talks

Awards & Recognition

- **Dr. Bhingole Pramod P.**, Associate Professor, Department of Mechanical & Aerospace Engineering, received Best Paper Presentation Award at the TriboIndia-2023 Conference held during 5.10. 2023 to 7.10.2023 at National Institute of Technology Srinagar.
- **Dr. Krupa Shah**, Assistant Professor, Department of Electrical and Computer Science Engineering, received the Institute of Electrical and Electronics Engineers (IEEE) Senior Membership Award.
- **Dr. Kumar Abhishek**, Associate Professor, Department of Electrical and Computer Science Engineering, received best paper award at the 2nd International Conference on Aspects of Materials and Mechanical Engineering (ICMME-2023) jointly organized by Department of Mechanical Engineering, GLA University, Mathura (India) and UFRGS, Porto Alegre (Brazil) held on 13.10.2023 to 14.10. 2023.

Sponsored & Consultancy Projects

- **Dr. Krupa Shah**, Assistant Professor, Department of Electrical and Computer Science Engineering, secured a consultancy project with Solidpro to evaluate special machine designed by Industry at IITRAM on 17.10.2023. The Co-PI of the project is **Dr. Manjunath K.**
- **Dr. Ramnarayan Yadav**, Assistant Professor, Dept. of Electrical & Computer Science Engineering, secured a project titled "Edge-enabled Autonomous Mobile Robots with Multi Connectivity Communication for Indoor Applications" funded by SERB under 'VRITIKA' Accelerate Vigyan Training and Skill Internship on 10.11. 2023.

Patents Filed/Granted

- Method and System for Assessing Health of Three Phase Transformers Through Capacitive Behavior Analysis, Inventors include **Dr. Krupa Shah, Dr. Raghavendra**

Bhalerao, Assistant Professors, and **Rajesh Kumar Lekkireddy**, Doctoral Student, Department of Electrical and Computer Science Engineering. (Application No:202321050331), Filed date: 26.07.2023, Published date: 06.10.2023.

- Deep Learning and Image Analysis Based Spray Control Apparatus for Crop Illness Management, Inventors include **Dr. Ramnarayan Yadav**, Assistant Professor, **Victor Azad, Anuj Kumar Jha, Sintu Raj, Aditya Chouhan, Shreyank Kumar**, B.Tech. Students and **K. Yasasvitha**, Doctoral Student, Department of Electrical and Computer Science Engineering (Application number: 202321089110), Filed Date: 27.12.2023, Published date: 19.01. 2024.
- Adsorbent for Malachite Green Removal from Dye stuff Wastewater and Method of Production Thereof, Inventors include **Dr. Mahuya Bandyopadhyay** and **Dr. Sourav Das**, Associate Professors and **Parikshit Paredi**, Doctoral Student, Department of Basic Sciences, (App.No. 202321088913), Filed :26.12.2023, Published: 19.01.2024 Basic Sciences.

STUDENTS ACHIEVEMENTS

Best Paper Award

Mahavirsinh Dabhi, M.Tech. Alumnus, Urban Infrastructure, received third best paper award at the 28th International Conference on Hydraulics, Water Resources, Rivers and Coastal Engineering organized by Indian Society for Hydraulics at NIT Warangal held during 21.12.2023 to 23.12.2023.



Chirag M. Agrawal and **Prathamesh P. Ambre**, Fourth Year B.Tech. Department of Civil Engineering, won first prize at the national level students competition "Geovishleshana-



2023” organized by Indian Geotechnical Society Subcommittee (SC-9) - Student Chapter Activities and Continuing Education on 16.12.2023 at IIT Roorkee.

Gunjan Som, Doctoral Student, Department of Basic Sciences, secured 1st runner-up position in poster presentation at the International Conference held during 08.12.2023 to 09.12.2023 at Pandit Deendayal Energy University, Gandhinagar.



Madhu Pandey, Doctoral Student, Department of Basic Sciences, secured 1st prize in oral presentation at the National Conference "Interdisciplinary Approaches in Environmental Sciences (IAES-02) in The Maharaja Sayajirao University, Vadodara Gujarat on 16.10.2023.



STUDENTS ACTIVITIES

Team Dayatva and **NSS**, IITRAM in collaboration with little4change, Earth Day Network India organized a cleanliness drive in Thaltej lake on 01.10.2023.



IITRAM Sports club organized an Intra-IITRAM Kabaddi League (IIKL 2023) from 30.10.2023 to 03.11.2023. A total of 8 teams participated in the Intra IITRAM Kabaddi Tournament, in which Team Haveli Knights won against Team Syfenders.



Coding club of IITRAM conducted an AI workshop for students on “**Build a ChatGPT-like Personal Chatbot Interface**” on 29.10.2023.

Priyank, Doctoral Student, Department of Civil Engineering, won 2nd prize in the **82nd Annual Session of Indian Roads Congress** held during 02.12.2023 to 05.12.2023.



GET IN TOUCH

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