



SEPTEMBER

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NEWSLETTER

Young Faculty Recognition Award (YFRA)



Dr. Nikhil Bugalia with IIT Madras Director Prof. Kamakoti and dignitaries during the award ceremony



Dr. Nikhil Bugalia and his research scholars during the award ceremony

We extend our heartfelt congratulations to Dr. Nikhil Bugalia, the youngest faculty member of our center and BTCM Division IIT Madras, for receiving the esteemed Young Faculty Recognition Award (YFRA) from the Indian Institute of Technology, Madras during the Teacher's Day celebration in September. The Young Faculty Recognition Award (YFRA) is a prestigious award presented by IIT Madras annually to recognize outstanding young faculty members for their excellence in both teaching and research. Instituted by an alumnus, Dr. P. Balasubramanian, the award acknowledges faculty members early in their careers who have demonstrated strong research output, publications, teaching effectiveness, and involvement in professional activities.

Dr. Bugalia works on safety management for Railways and Construction sectors in India, as well as on broader areas of operations management of infrastructure projects.



Dr. Murali Jagannathan with IIT Madras Director Prof. Kamakoti and dignitaries during the award ceremony

Heartfelt congratulations to Dr. Murali Jagannathan, faculty member in the Civil Engineering Department at IIT Madras, for receiving the prestigious Excellence in Teaching Award for the year 2025 from IIT Madras during the Teacher's Day celebration yesterday. Your dedication to fostering a positive learning environment and inspiring students is truly commendable. We wish you continued success and many more achievements in the future.



Tri Services Academia Technology Symposium (TSATS)

Out of more than 400 proposals submitted to the Tri Services Academia Technology Symposium (TSATS), the proposals of Prof. Radhakrishna Pillai, Dr. Murali Jagannathan, Dr. Keerthana Kirupakaran, and Dr. Aritra Pal, along with other faculty members from IIT Madras, were shortlisted for one-on-one presentations.

Notably, Dr. Aritra Pal's proposal on "AI-powered Automated Construction Progress Monitoring System for Military Engineering Services" has been identified as a Defence R&D project. He received a memento from the Honourable Education Minister, Shri Dharmendra Pradhan, in recognition of this achievement.

TSATS is a unique platform that fosters interaction and collaboration between academicians and the tri-services (Army, Navy, and Air Force), enabling discussions and development of cutting-edge defense research technologies.

IIT Madras team had an enriching experience at the Manekshaw Centre, Delhi, engaging with officials from the three services. A special note of gratitude to Prof. Ramakrishna and Prof. HSN Murthy of the Aerospace Engineering Department, IIT Madras, for their dedicated efforts in coordinating this visit.



Collaboration & Outreach

InnoCSR Co. Ltd. of Seoul, South Korea, together with Reserve Carbon, has signed a Memorandum of Understanding (MoU) with the Indian Institute of Technology, Madras to undertake an in-depth research and development study on the GoodBricks technology. Mr. Sam Yoonsuk Lee (CEO of InnoCSR), Eunjin Moon (Global Climate Strategy Team Manager, Reserve Carbon), Dr. Piyush Chaunsali (IITM), and Dr. Surender Singh (IITM) were present during the signing ceremony. The study, funded by Korea Energy Agency (KEA), will combine both conventional and advanced testing methods to assess the suitability of GoodBricks for sustainable construction applications.

Commenting on the collaboration, Sam Yoonsuk Lee said: "Partnering with IITMadras, India's number one institute for civil engineering, is a milestone for us. Through this partnership, we aim to reaffirm the quality of Good Bricks and explore the use of various waste materials to produce them."

This MoU marks a significant step in advancing the science-backed foundation of GoodBricks and accelerating their adoption in India and beyond.



Indus Tower Limited has signed a Memorandum of Understanding (MoU) with the Indian Institute of Technology, Madras to undertake an in-depth research on Development of Glass Fibre Reinforced Polymer (GFRP) Structural Sections. In picture, Prof. Ravindra Gettu, Prof. Ashwin Mahalingam and Mr. Kaviraj Nair with dignitaries from Indus tower, Mr. Anil Gupta and Mr. Manjush Mathews.