

Thuli

Newsletter From

IITM Pravartak Technologies Foundation

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IITM Pravartak Technologies Foundation is funded by the Department of Science and Technology, Government of India, under its National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS) and hosted as a Technology Innovation Hub (TIH) by IIT Madras. The NM-ICPS is a comprehensive mission aimed at complete convergence with all stakeholders by establishing strong linkages between academia, industry, government, and international organizations.

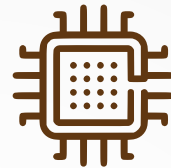
Thematic Areas



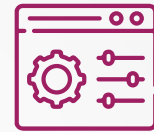
Sensors



Networking



Actuators



Control Systems

We are extremely happy to announce that our postgraduate

Samsung - IITM Pravartak awardees



Mr. Malu Deep Kamal

Dept. of Mechanical Engineering

Selected for a **prestigious fellowship** for his Ph.D. in mechanical engineering program at the Georgia Institute of Technology.



Mr. Aravind Kumar

Dept. of Mechanical Engineering

Awarded **Rolls-Royce fellowship** for his Ph.D in the University of Nottingham.



Pravartak - Asha Rural Technology Centres



25th July 2022: IITM Pravartak in collaboration with Asha Chennai and Syrma SGS Technology, launched Pravartak Asha Rural Technology Centre at Poondi & Kannigaiper, Tiruvallur district.

Sony Pravartak Finishing School Program



IITM Pravartak in collaboration with Sony India Software Center Private Limited, has launched finishing school training program, to impart industry-ready skills in the technology areas of AI/ML, Cyber Security, and Computer Graphics. 15 students are being provided financial assistance during the programme.



“The Finishing School Program initiated by IITM Pravartak Technologies Foundation is designed to bridge the knowledge and skill gap between graduates and industry requirements. We hope that many students, particularly from the non-urban area of India, will benefit from this initiative”.

*- Prof. V. Kamakoti,
Director of IIT Madras*

MoUs Signed



September 06, 2022: Vellore Institute of Technology for skill enhancement programmes and incubation.



September 23, 2022: Jaro Institute of Technology Management And Research Limited to offer programmes for professionals and students in India & abroad.



August 25, 2022: MIT Art, Design and Technology University Pune during their 7th university induction programme, for incubation and skill development



July 15, 2022: I-TRANSZ Academy and Foundation for project consultancy.



September 22, 2022: Launched IITM - Accenture Center of Excellence (CoE) at IITM Pravartak to undertake collaborative research projects in Deeptech and to jointly develop intellectual properties thought leadership in digital engineering and manufacturing, across industries.

Released Call for Proposals under Entrepreneur In Residence (EIR)



EIRs will be eligible for a grant of up to Rs. 35,000/- per month for 12 months. Periodical evaluation will be done to understand the progress of the project. Once the prototype has been developed, the EIRs can apply under another scheme such as PRAYAS or Seed Support System for further funding, till the product is brought to the market successfully

IITM Pravartak funds projects in the following areas:

1. Communication, Sensors and Networking
2. Security & Cryptography for control systems
3. Control algorithms & automated systems
4. Embedded Control Systems and Software
5. Data Science & Machine Learning for IoT
6. Industrial Internet of Things (IIoT)
7. Artificial Intelligence for IoT & IIoT



July 13, 2022: Talk at the Department of Science and Technology on Data / Information security.



August 19, 2022: Orientation event of IITM Pravartak Cadfem Ansys certification program in the field of Hybrid Electric Vehicles Engineering and 5G Simulation was held at IIT Madras Research Park.



August 12, 2022: SecurWeave Research Labs, incubated by IITM Pravartak, participated in the DST STARTUP UTSAV, event held at New Delhi.



September 09, 2022: Talk at the ANSYS Academic Innovation Conference about the IITM Pravartak Cadfem Ansys course at Le Royal Meridien, Chennai. Announcement of 5G and Hybrid Electric Vehicle Engineering certificate programs.



September 16, 2022: Talk at the ANSYS Academic Innovation Conference about the IITM Pravartak Cadfem Ansys course at Vivanta Hotels, Coimbatore.

Registration Opens For Blockchains

Fundamentals & Applications Course

This course will facilitate working professionals and students to develop blockchain-based solutions to real-world problems.



Teaching Faculty:

Dr. John Augustine,

Dept. of Computer Science & Engg.,
IIT Madras




Eligibility Criteria:

Basic programming knowledge and an appreciation for algorithm design

 **Mode of Teaching: Hybrid.**

 **Fee for Corporates & Individuals: Rs.15,000 + GST**

 **50% off for students**

 **Duration: 5 weeks on weekends (20 Lecture Hours)**



<https://www.pravartak.org.in>

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