

Thuli

IITM Pravartak Technologies Foundation

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About Us

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.

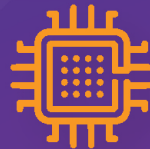
Thematic Areas



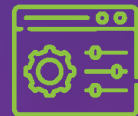
Sensors



Networking



Actuators



Control Systems



We already have complex solutions, and deployed them in mission critical programmes of national importance. Technology from our startups is getting evaluated, and selected for wide deployments. We have skilled/reskilled tens of thousands of people in various skill areas. Our technology lanscape is vast: From Digital Heritage to Mil Grade Secure Wireless Communications to VLSI to futuristic transportation to Medical Electronics to Visualisation. It is a super exciting environment!

- Mr. Mohan Satyaranjan
Chief Technical Officer

Announcements



3rd April 2024: A valedictory event was organized at the IITM Research Park to distribute certificates to candidates who successfully completed the "Executive Certification in Advanced Data Science & Applications" course. Certificates were presented by IIT Madras CODE Chairman, Prof. Devendra Jalihal, Prof. Mangala Sunder, Professor Emeritus, IIT Madras, Prof. Ganapathy Krishnamurthi, IIT Madras and Mr. Balamurali Shankar, IITM Pravartak.



5th April 2024: Prof. Timothy. A. Gonsalves announced that the first entrepreneurship team (Vaishnav, Adityan and Jerin Paul) to emerge out of a LEAP project has been formally incubated by the TBI at GEC Idukki. He further said, "It is especially gratifying that this first was achieved by students from a remote, mountainous region of Kerala.

The wholehearted encouragement and unstinting support from IITM Pravartak to LEAP and their UG fellowships over the past couple of years has enabled this milestone".



28th April 2024: Dr. M. J. Shankar Raman, CEO of IITM Pravartak Technologies Foundation, was the chief guest at the 15th graduation day celebration of Valluvar College of Science and Management (Karur) held at their campus.



1st June 2024: VyVoxel, in collaboration with IITM Pravartak Technologies Foundation, announced the commencement of Batch 2 of the AR and VR Programming course.



14th - 16th June 2024: IITM Pravartak and Jaro organized a three-day campus immersion program viz., Executive Certification In Advanced Data Science and Applications at IIT Madras Research Park and IIT Madras campus. Participants attended engaging live sessions by renowned IIT Madras professors Ganapathy Krishnamoorthy and Balaji Srinivasan. These sessions fostered in-depth discussions and greatly enhanced participants' grasp of advanced concepts.

Ethical Hacking and Penetration Testing Workshop




15th April 2024: A 5-day workshop titled "Ethical Hacking & Penetration Testing" was conducted at the IIT Madras Research Park, featuring Prof. Mohan Ram from FISST as the speaker. The workshop was attended by Tamil Nadu police officers of cybercrime expertise aiming to enhance their technical proficiency. Over the course of the event, attendees enriched their understanding of cybersecurity measures and strategies. Mr. G. Veeraragavan, COO of IITM Pravartak, awarded certificates to the Tamil Nadu police officers, celebrating in recognition of their successful completion of the 5-day workshop.

Global Hyperloop Competition



20th April 2024: In pursuance of a mission to encourage deep tech start-ups, IITM Pravartak Technologies Foundation presented its vision at the Global Hyperloop competition.

Black Money and Tax Haven: Implication on Terror Financing - Special Session



DISCOURSE ON
NATIONAL SECURITY EXPLORING STRATEGIC IMPERATIVES

Topic: Black Money and Tax Haven: Implication on Terror Financing

Speaker:
Prof. R Vaidyanathan
Former Member, National Security Advisory Board, IIM Bangalore.

Open Session:
<https://rudramdynamics.com/event/>

Organisation Partners

Date:
27th April, 2024

Time:
11:00 AM - 12:30 PM

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CHANGING THE FUTURE

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27th April 2024: IITM Pravartak, Rudram Dynamics, and Gujarat National Law University collaborated to host a Special Session titled "Black Money and Tax Haven: Implication on Terror Financing." The session featured Prof. R. Vaidyanathan, IIM Bangalore (former member of the NSA board), as a speaker.

MoUs



30th April, 2024: We are delighted to announce that IITM Pravartak Technologies Foundation, has signed a Memorandum of Understanding (MOU) with IMPCOPS, a renowned Ayurvedic medicine manufacturer based in Chennai, Tamil Nadu.



6th May, 2024: Heggunje Rajeeva Shetty Charitable Society and IITM Pravartak Technologies Foundation have joined hands to enhance educational opportunities for underprivileged children in rural areas of Karnataka. Together, they aim to establish Rural Interaction Centers, providing online learning and counselling to facilitate skill development and sustainable livelihoods.



28th May, 2024: IITM Pravartak and the Gregorian Institute of Technology have signed an MoU to collaborate on a five-semester skill-enabling program for engineering students.

Visits



26th April 2024: Delegates from CERN visited IITM Pravartak Technologies Foundation to explore collaboration opportunities in Sensors, Networking, Actuators, and Control Systems (SNACS) through our startups.



15th May, 2024: MCTE officers from MHOW visited IIT Madras and IITM Pravartak to study various developments and gain insights into the latest Telecommunications Technologies, Advanced Fiber Optic Communications, 5Gi, and 5G Testbed.



30th May 2024: Smt. V. Vidyavathi, Secretary of the Ministry of Tourism, Government of India, visited IITM Pravartak Technologies Foundation to understand IITM Pravartak's work in Cyber-Physical Systems. She was warmly welcomed by Mr. G. Veeraragavan, Chief Operating Officer of IITM Pravartak, who presented her with mementos.



31st May 2024: YourNest Venture Capital and Arctic Invent visited IITM Pravartak to interact with our incubated startups and listen to their pitch presentations. They were pleased with the pitches and are looking forward to potential collaborations for their Velocity program.



24th June 2024: The distinguished delegation from NSBM Green University, Sri Lanka, visited our ecosystem, which includes IITM, IITM Pravartak, and IITM Research Park. This visit marks a significant milestone in jointly advancing international academic collaboration and promoting the innovation and incubation ecosystem.



26th June 2024: Sri Krishna Devaraya, the 19th lineal descendant of the great Emperor Krishna Deva Raya, visited IITM Pravartak and discussed how augmented reality could be used to recreate the Vijayanagara (Hampi) temple in its original glory.

Documentary on Konkan geoglyphs



28th April 2024: A preview screening of the documentary on Konkan geoglyphs based on the project of national importance executed by IITM Pravartak Technologies Foundation, Nisargyatri Sanstha, IIT Hyderabad, Jawaharlal Nehru University was presented at Film and Television Institute of India (FTII).

Annual Technology Innovation Hub Meet



13th - 14th May 2024: The Annual Technology Innovation Hub meet (Technology Innovation in Cyber-Physical Systems) TIPS 4.0 was held at IIT Mumbai. EON Space Labs and Abhaya 3CD, our incubated companies showcased their products. Dr. M.J. Shankar Raman, CEO of IITM Pravartak, delivered a presentation on the hub's performance, highlighting key achievements, strategic initiatives, and future goals, emphasizing innovation, collaboration, and continued success.

Skill Development Program

IITM PRAVARTAK
CATALYSING INNOVATION

IIT MADRAS PRAVARTAK
TECHNOLOGIES FOUNDATION

OUT OF THE BOX THINKING

through Mathematics

OOBT

Unique Courses at 4 different Independent Levels across ages for
**Students, Teachers &
Working Professionals**

REGISTER FOR FREE

Out Of the Box Thinking Through Mathematics

28th June 2023: IITM Pravartak launched the course on 'Out of the Box Thinking' (OOBT) Mathematics, a free online course designed to benefit students and teachers by focusing on diverse approaches to problem-solving through Mathematics.



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

