Thuli

IITM Pravartak Technologies Foundation

Vol 1, Issue 1, Q4

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

The National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS) program officially completes three years in April 2023. IITM Pravartak, the NM-ICPS hub at IIT Madras, is at the forefront of deep-tech activities. Whether it is incubating tech start-ups (23 start-ups incubated and many more in the pipeline this year), running several tech skilling and reskilling programs for diverse groups of people, carrying out projects of national and strategic importance, devising programs aimed at raising the confidence levels of engineering students from tier-2/tier-3 colleges and working closely with the students of North-East, IITM Pravartak is doing all that and more.

We look forward to another productive year of our journey in nation-building.

Dr. Devendra Jalihal,
Project Director - IITM Pravartak

Events

Finishing School Programme

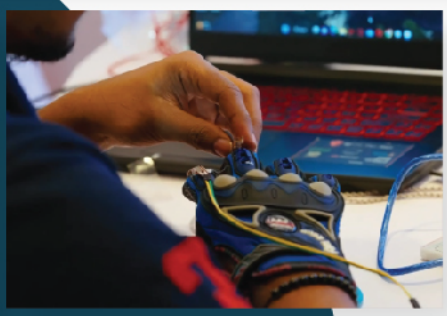
January 3, 2023: Smt. Madhavi Ravanan, DU head - Customer Engineering at Nokia , shared anecdotes from her own experience from her first job to building a successful career in the technology industry.

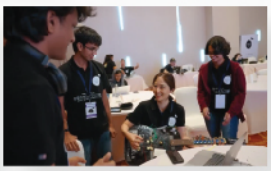
March 08, 2023: Sony Pravartak Finishing School Programme graduation day function was held at IITM Research Park.

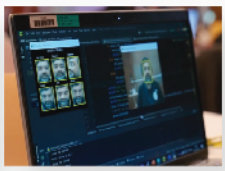
G20

January 31, 2023 - February 02, 2023: Exhibited Digital Skills Academy Programmes, Products, Startups, CSR Programs and other activities at the first G20 Education Working Group meeting held at IITM Research Park, Chennai.

Yuru Musical Instrument Hackathon







March 12, 2023: Grand Finale of Yuru Musical Instrument Hackathon.

"**IITM Pravartak** is glad to partner with Sony India Software Centre and Sony Music Entertainment (Japan) Inc. in this Yuru Musical instrument Hackathon 2023 in India. In line with our theme of establishing technology leadership in Sensors, Networking, Actuators, and Control Systems, this musical instrument hackathon will provide the participants with a unique opportunity to explore state-of-the-art sensors and electronic devices. Participants can design novel musical instruments during this hackathon using creativity and innovation."

- Prof. V. Kamakoti
Director, IIT Madras

January 28-29, 2023: IIoT based Machine Tool and Machining Process performance enhancement projects executed by IITM Pravartak was showcased at the IITM Shaastra event.

February 24, 2023: We along with our incubated companies Shakra Innovations and Vyoma Systems participated in the Semicon India Future Design Roadshow at IISc Bangalore.

March 27-29, 2023: Showcased our activities and developments in the 30th Convergence India and 8th Smart Cities India Expo at Pragati Maidan, New Delhi.

Announcements

January 05, 2023: Our incubated company Vyoma Systems Private Limited received a TANSEED 4.0 Grant from The Hon'ble Chief Minister of Tamil Nadu, Thiru M. K. Stalin.

January 13, 2023: Ms. Renuka and Ms. Sailaja from IIT Tirupati Navavishkar I-Hub Foundation visited IITM Pravartak.

January 24, 2023: Union Ministers Shri. Ashwini Vaishnaw & Shri. Dharmendra Pradhan successfully communicated using the 'BharOS', a Made-in-India mobile operating system by JandK Operations Pvt. Ltd., a company incubated at IITM Pravartak.

February 18, 2023: Dr. M. J. Shankar Raman, CEO participated in the panel discussion on Lab to Market journey of a startup organized by PALS, Chennai.

February 22, 2023: Students from Valluvar College, Karur visited IITM Pravartak.

February 24, 2023: Mindgrove Technologies Private Limited received seed funding for $ 2.32 **million** from Sequoia Capital India, Speciale Invest and Whiteboard Capital.

March 13, 2023: Students from Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya, Kanchipuram visited IITM Pravartak.

MoUs

January 12, 2023: Signed an agreement with Lloyd Group of Educational Institutions, New Delhi for Cyber Security Skills development for their students, with Certification.

February 9, 2023: Signed an MoU with Bodh Bridge Educational Services Private Limited, Chennai for branding and promoting skill development programmes.

February 22, 2023: Signed an incubation agreement with Securs Technologies Private Limited, Chennai.

March 08, 2023: Partnered with Gradskey Technologies to roll out industry skilling programs to Engineering and Science colleges across India.

March 10, 2023: Signed an agreement with Rudram Dynamics Foundation to open a Center of Excellence for National Security in Gujarat.

March 20, 2023: Signed an agreement with Tally Solutions Private Limited in the area of cyber security.

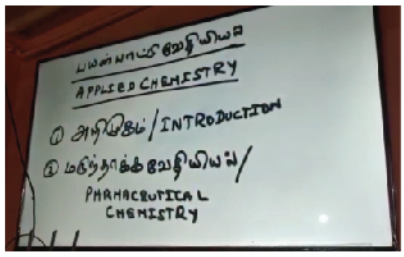
March 20, 2023: IITM Pravartak signed an MoU with WhizHack Technologies Private Limited, Delhi. The association will entail joint research to develop breakthrough products to detect, predict and mitigate attacks on cyber-physical systems. It will also build OT security solutions on the 'Made in India' Shakti Chip and will also embark upon joint cybersecurity capacity building projects of national importance.

Pravartak Asha Rural Technology Centers

February 08, 2023: Students from various Pravartak Asha Rural Technology Centers demonstrated their detailed projects to distinguished judges at IITM Research Park, in which the top three presentations and programs were awarded.

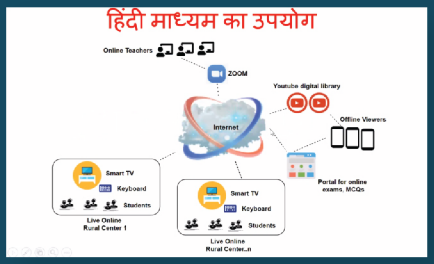
Pravartak Kalvi Shakthi Rural Interaction Centre

February 18, 2023: Pravartak Kalvi Shakthi Rural Interaction Centre camp at Puzhal, Chennai.



Vidya Shakthi Centres

March 22, 2023: IITM Pravartak and Open Mentor Trust signed an agreement with the Department of School Education, Varanasi , for imparting basic education and setting up 20 Vidya Shakthi Centres for online training to lesser privileged school children in rural areas of Uttar Pradesh.



March 25, 2023: Making Hon'ble Prime Minister Shri. Narendra Modi's vision a reality through "Vidya Shakti" in Uttar Pradesh and "Kalvi Shakti" in Tamil Nadu with 20 and 60 Centre's in these states.

IITM PRAVARTAK
CATALYSING INNOVATION

https://www.pravartak.org.in

Scan Here