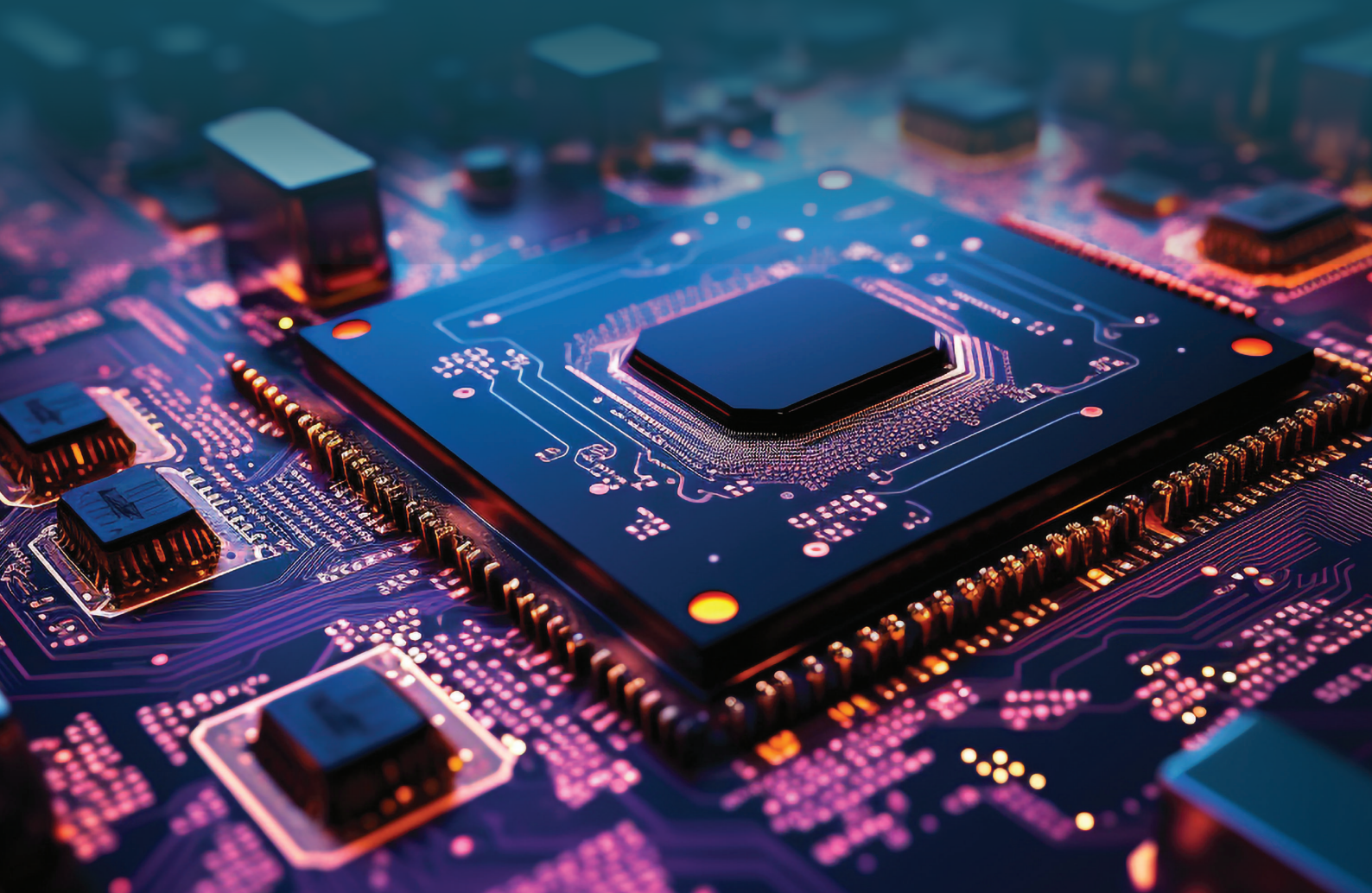


# Thuli

IITM Pravartak Technologies  
Foundation

Vol 1, Issue 1, Q4, FY 23-24



# 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.

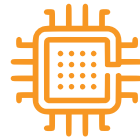
## Thematic Areas



**Sensors**



**Networking**



**Actuators**



**Control Systems**



IITM Pravartak provides a vibrant platform for entrepreneurs, skill development, and partnership building to establish research parks globally. This initiative fosters industry-academia collaborations, driving research, development, innovation, and incubation through the Research Park, setting new standards and driving innovation worldwide.

**Mr. Rajendra Mootha**

Head - New Initiatives

# Announcements



**December 23<sup>rd</sup>, 2023:** A Startup Fest was hosted by the Confederation of Nepalese Industries Young Entrepreneurs Forum (CNIYEF) at Kathmandu, Nepal.



**January 10<sup>th</sup>-11<sup>th</sup>, 2024:** Team Swayatt Drishtigochar, comprising Anshuman Fauzdar, Akshay Goyal, and Sunny Vedwal, as EIR at IITM Pravartak achieved a remarkable victory at IITD Tech Future Hackathon 2.0, securing a spot in the top 5 teams out of 10 finalists.



**January 16<sup>th</sup>-18<sup>th</sup>, 2024:** IIT Madras, IITM Pravartak, and ERDC united for an impactful Entrepreneurship & Rural Development Conclave at IITM Research Park.



**January 18<sup>th</sup>, 2024:** Vyoma Systems Private Limited, an incubated startup supported by IITM Pravartak, showcased the RISC-V Verification-as-a-Service Platform at NXP Silicon's Seeds Day in Bangalore.



**January 24<sup>th</sup>, 2024:** SecurWeave Research Labs Pvt. Ltd., an incubated startup supported by IITM Pravartak, showcased SecurWeave's next-gen solution at NXP Silicon's Seeds Day in Noida. Gopakumar Thekkedath, CTO highlighted CHES, focusing on its rootkit detection and mitigation features.



**January 24<sup>th</sup>, 2024:** Dr. M. J. Shankar Raman participated in the panel discussion titled "Taking Education Higher: Synergy in Opportunities" during the 12<sup>th</sup> edition of the ThinkEdu Conclave. The discussion was moderated by Kavareeb Bamzai, a Senior Journalist.



**January 25<sup>th</sup>, 2024:** Virtusa approached IITM Pravartak to upskill their senior executives in emerging areas such as AI/ML. IITM Pravartak with faculty members Prof. Ganapathy Krishnamurthy, Prof. Balaji Srinivasan, and Dr. Madhusudhanan, introduced a tailor-made program, which included theory sessions, hands-on exercises, and industry expert sessions over 16 weeks, and completion ceremony was conducted at IIT Madras in January 2024.



**January 26<sup>th</sup>, 2024:** The 75th Republic Day was celebrated at Mahakavi Bharathiyar Hr. Sec. School in Sevalaya, featured Mr. Nandakumar, as the special guest, with Sevalaya Founder Mr. Muralidharan welcoming attendees. The flag-hoisting was led by IITM Pravartak representative, Mr. Balamurali Shankar.

**Special Session**

**Integration of North East India: Strategies and Approaches**



**Shri. Kunal (IAS)**  
**Joint Secretary,**  
**Department of Sports,**  
**Govt. of India**

**03rd**  
**February, 2024**

Saturday  
 01:15 PM Onwards

Shri. Kunal is currently a Joint Secretary, Ministry of Youth Affairs and Sports, Government of India. He has vast experience in Policy making and has served in various capacities including Secretary/Special Secretary- Power, New & Renewable Energy, Environment, Labour, Fishery, Finance, and Vigilance. He headed district administration in Sikkim, Mizoram, and East District, Delhi, where he coordinated among various departments and agencies at the grassroots level, implementation of flagship government schemes, disaster management, law and order management, as well as overseeing Revenue Courts and appeals under different laws.

**February 3<sup>rd</sup> 2024:** Shri. Kunal (IAS) shared his thoughts at a Special Session on 'Integration of North East India: Strategies and Approaches,' jointly organized by IITM Pravartak, Rudram Dynamics & Gujarat National Law University.



**February 10<sup>th</sup>, 2024:** Dr. M. J. Shankar Raman - CEO of IITM Pravartak, attended the "Euphoria'24," the 14th Annual Day of Sunshine Senior Secondary School, Chennai, as a Chief Guest, at Kumara Rajah Muthiah Hall, Chettinad Vidyashram School, R.A. Puram.



**February 16<sup>th</sup>- 18<sup>th</sup>, 2024:** Jaro Education has teamed up with IITM Pravartak for a Skilling Program! The campus immersion titled "Generative AI & Large Language Models" was conducted from February 16th to Feb 18th, 2024, as part of the "Executive Certification In Advanced Data Science & Applications" course.



**February 19<sup>th</sup>-21<sup>th</sup> 2024:** The staff of IITM Pravartak actively participated in TEAMSPIRIT, a recently held Outbound Program at VALUE LANES, anchored by Major Vibhav Kapoor and Col Arun Dhar. This exotic Campsite is located in the picturesque Averahalli Valley, overlooking Manchenbele Lake, in Ramanagara District, Karnataka.



**February 28<sup>th</sup> 2024:** Mr. G. Veeraraghavan, COO, of IITM Pravartak, attended the 1st Edition of Startup Conclave 2024 which was organized by CII Madurai in Madurai.



**March 28<sup>th</sup>, 2024:** Prof. Timothy. A. Gonsalves announced that the first incubatee to result from a LEAP project has been formally incubated by the TBI at GEC Idukki. It is especially gratifying that this first was achieved by students from a remote, mountainous region of Kerala. Until 2 years ago, these students did not have any idea that they could create a product and start their own company. The wholehearted encouragement and unstinting support by IITM Pravartak to LEAP over the past couple of years has enabled this milestone with UG Fellowships to Vaishnav, Adityan, and Jerin Paul.



**March 31<sup>st</sup>, 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.

# India International Science Festival 2023

---



**January 17<sup>th</sup>, 2024:** IITM Pravartak presented the hyperloop project and Brain Centre Project at the India International Science Festival 2023 in Faridabad, Haryana.



**January 18<sup>th</sup>, 2024:** IITM Pravartak activities on Day 2 at the India International Science Festival 2023 in Faridabad, Haryana.

# MoUs



**December 21<sup>st</sup>, 2023:** IITM Pravartak Technologies Foundation signed an incubation agreement with Shatayuh Jeevanam Healthcare Pvt. Ltd.



**December 21<sup>st</sup>, 2023:** IITM Pravartak Technologies Foundation signed an incubation agreement with Deepspectrum Analytics Pvt. Ltd.



**December 26<sup>th</sup>, 2023:** Sri Paramakalyani College (SPKC) has partnered with IITM Pravartak to train students with job-ready skills. As part of this partnership, students will be skilled in various skills such as Banking, Cyber security, and AI/ML



**January 23<sup>rd</sup>, 2024:** IITM Pravartak signed a tripartite MoU with RailTel and IIT Madras for collaboration in communication technology and other allied works covering Capacity Building, Research, Consultancy, Cyber Security, and Railway Mobile Communication Systems.



**February 2<sup>nd</sup>, 2024:** Sony India Finishing School Programme has partnered with IITM Pravartak Technologies Foundation to skill engineering graduates with cutting-edge technologies such as AI/ML, Product Security, and Computer Graphics.



**February 5<sup>th</sup>, 2024:** IIT Madras Pravartak signed an MoU with Jharkhand University of Technology to enhance deep-tech disciplines, emphasizing innovation, and skill enhancement, fostering industry-academia collaboration, and providing incubation support for nurturing startups.



**February 19<sup>th</sup>, 2024:** IITM Pravartak and Helyxon Forged a Strategic Partnership to enhance healthcare through innovation, education, and skill development in deep-tech health disciplines.



**March 25<sup>th</sup>, 2024:** IITM Pravartak & Rotary International District signed a Memorandum of Understanding (MoU), to provide cyber security training to 9th and 11th standard school students. This will be done in multiple batches in partnership with FISST Academy.

# Visits



**January 4<sup>th</sup>, 2024:** Shri. Prasad Pawar paid a visit to IITM Pravartak, who has been digitally preserving and restoring the Ajanta Caves through his NGO. ([www.prasadpawar.com](http://www.prasadpawar.com)).



**January 8<sup>th</sup>, 2024:** Delegates of Tamil Nadu Global Investor Meet 2024 paid their visit to IITM Pravartak Technologies Foundation



**January 23<sup>rd</sup>, 2024:** Thiru. K. Senguttuvan, Chairman of Valluvar College of Science and Management visited IITM Pravartak Technologies Foundation. During the visit, discussions were held regarding job-enabling programs for students.



**January 26<sup>th</sup>, 2024:** Mr. Eric van Pelt - Head of ICT sector (Inward FDI), Netherlands Ministry of Economic Affairs, Mr. Balaji Venkatraman - Area Director, FDI, Netherlands CG, Bangalore, and Ms. Arpita Laxmisha - Project Manager, Netherlands CG, Bangalore has paid their visit to IITM Pravartak.



**March 5<sup>th</sup>, 2024:** A team from Pondicherry along Hon'ble Chief Minister Thiru. N. RANGASAMY, appraised the operations of IITM Pravartak.



**March 25<sup>th</sup>, 2024:** NSBM Green University had the honor of hosting Dr. M. J. Shankar Raman, the CEO of IITM Pravartak, on March 25th, 2024. The visit, facilitated by the NSBM Faculty of Business under the guidance of the Dean – Faculty of Business, Ms. Thilini De Silva, marked a significant moment for collaborative learning and insightful discourse. During the session, he shared his expertise, knowledge, and invaluable experiences, enriching the NSBM community with fresh insights and perspectives into the intricacies of incubation and entrepreneurship.

## Seminar



**March 26<sup>th</sup>, 2024:** The High Commission of India and the Ministry of Technology, Government of Sri Lanka co-organized the Digital Public Infrastructure seminar, in Colombo. The seminar aimed to explore the transformative potential of DPI for enabling service delivery, empowering communities by fostering inclusivity, and enriching the economy by driving innovation.



[www.iitmpravartak.org.in](http://www.iitmpravartak.org.in)

**Scan Here**

