

# Thuli

**Newsletter From  
IITM Pravartak Technologies Foundation**

Vol 1, Issue 1, Q3



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.

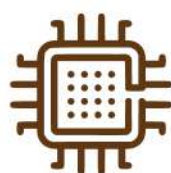
## Thematic Areas



Sensors



Networking



Actuators



Control Systems

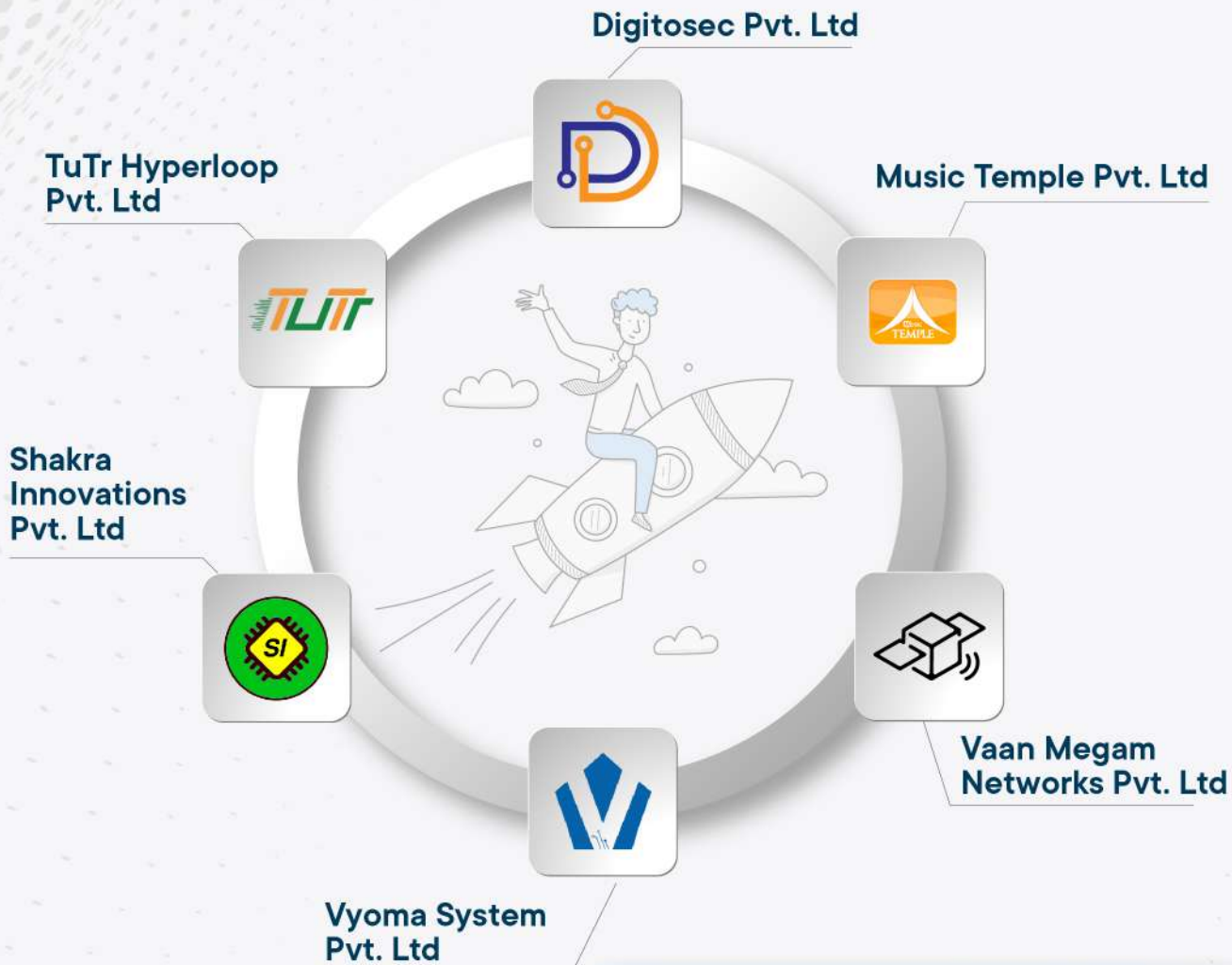


We are glad to release the third quarter Newsletter for this year, “Thuli” (in Tamil means Drop). This quarter our focus was to seed fund new companies in the thematic areas, while also graduating our first set of incubated companies. On the social front, we have expanded our RICs to 50 in Tamil Nadu and plan to reach 100 by this year. We are looking forward to another great year ahead of us.

**Dr. M. J. Shankar Raman,**  
CEO - IITM Pravartak

# Start ups

We are delighted to announce our new entrants  
to our startup ecosystem.





November 01, 2022: Visit by Dr. Sivathanu Pillai, Distinguished Scientist & Chief Controller (R&D) - DRDO, (Retd). Founder CEO & MD BrahMos Aerospace and Dr. Balaji Srinivasan - Professor, Department of Electrical Engineering - IIT Madras.



November 02, 2022: Students from the Vellore Institute of Technology visited IIT Madras, IITM Pravartak and IIT Madras Research Park.





November 15, 2022:  
Office inauguration of our  
incubated Startup Mindgrove  
Technologies Private Limited at  
the IIT Madras Research Park.



December 02, 2022: Munamasa Kato San  
& Masatoshi Takaira San from Sony  
Semiconductor Solutions Japan & Anil  
Sasidharan from Sony India Software  
Centre Pvt. Ltd. visited IITM Pravartak and  
IIT Madras.



December 14, 2022: Visit by Dr. J. B. V. Reddy, Scientist-F/ Director, Technology Mission Division (Energy & Water), FFT Division, DST.



December 18, 2022: IITM Pravartak exhibited its CSR funded activities at the "CSR-Towards Technologies for a better tomorrow" summit presided by the Honourable Finance Minister Smt. Nirmla Sitharaman.



December 28, 2022: Prof. Byrav Ramamurthy, University of Nebraska-Lincoln visited IITM Pravartak as part of the joint NSF DST collaborative project.

# Courses launched



October 01, 2022: Launched Blockchain: Fundamentals and Applications course.



October 10, 2022: Launched System Level Networking Course for freshers in collaboration with HCL Technologies.



November 15, 2022: Commenced third batch training on IITM Pravartak , ANSYS & CADFEM Hands-On Enabled Certification Program In Hybrid and Electric Vehicle Engineering & Engineering 5G - Next Gen Communication System.



October 01, 2022: Dr. Shankar Raman, Panel Chair - "Technological Solutions & Directions to Secure Cyber Space" at Amrita Cyber Conclave 2022 (ACN 2022).

## Pravartak Asha Rural Technology Centre:

October 10, 2022: Launched Pravartak Asha Rural Technology Centre at Kayathar, Thoothukudi, Tamil Nadu, in collaboration and Syrma Technology and Asha Kanini.



## Rural Interaction Centre



Launched 50 Pravartak Kalvi Shakthi Rural Interaction Centres (RICs) Covering 20 villages in Tamil Nadu in collaboration with Open Mentor Trust and ICICI Foundation.

# Winter School on Advanced Quantum Computing



Winter School on Advanced Quantum Computing, organized by IITM Pravartak in collaboration with the Association for Computing Machinery, Mphasis Center for Quantum Information, Communication & Computing and IBM Research India.

“



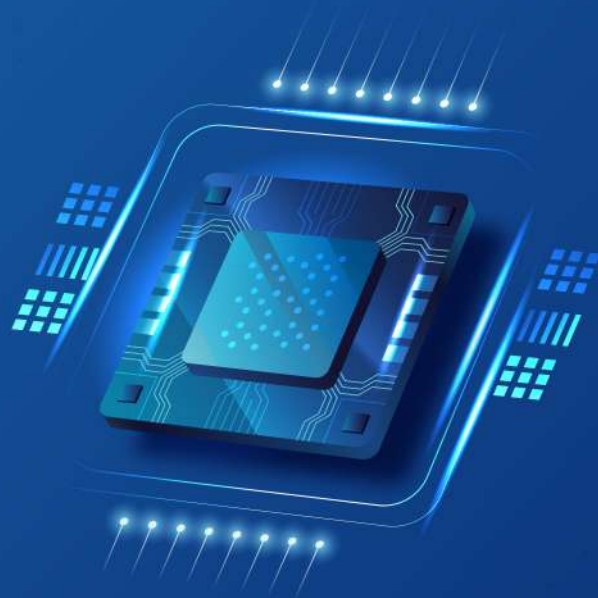
"The Winter School on Advanced Quantum Computing, jointly organized by IITM Pravartak Technologies Foundation, Association for Computing Machinery, Mphasis Center Quantum Information Communication and Computing and IBM, is a first-of-its-kind course that provides the participants with programming experience in IBM quantum computers. This advanced course will help the participants explore and expand the possibility of using quantum computers for high-performance tasks across multiple domains."

- Prof. V. Kamakoti  
Director, IIT Madras

”

# MIPI Alliance

November 04, 2022: Joined hands with MIPI Alliance as an adopter.



“

“IITM Pravartak Technologies Foundation is very excited to join MIPI Alliance as an adopter. This will help us add support for more peripherals in the SHAKTI processor core portfolio, increasing the possible use cases for RISC-V SOCs that can be built. This shall be a major addition to the existing IP infrastructure for all startups who will be part of the digital India RISC-V (DIRV) initiative.”

- Prof. V. Kamakoti  
Director of IIT Madras

”



# MoUs Signed



October 15, 2022: IITM Pravartak, DoT NCCS, IIT Madras entered into a tripartite agreement.



November 05, 2022: GRADSKY Technologies Private Limited to offer programmes to professionals and students in India and abroad.



November 29, 2022: Signed MoU agreement with ICICI Foundation for inclusive growth, and CSR arm of the ICICI group.



December 22, 2022: Cambtech Training and Placement.

# Academia and Industry Consortium Empowered through Simulation



December 1, 2022: Moments captured from the "Academia & Industry Consortium Empowered through Simulation" event held at Le Royal Meridien, Alandur, Chennai in collaboration with ANSYS, & CADFEM.



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

Scan Here

