

Thuli

Newsletter

IITM Pravartak Technologies
Foundation

Vol 2, Issue 1, Q2



IITM
PRAVARTAK
CATALYSING INNOVATION

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.

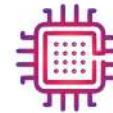
Thematic Areas



Sensors



Networking



Actuators

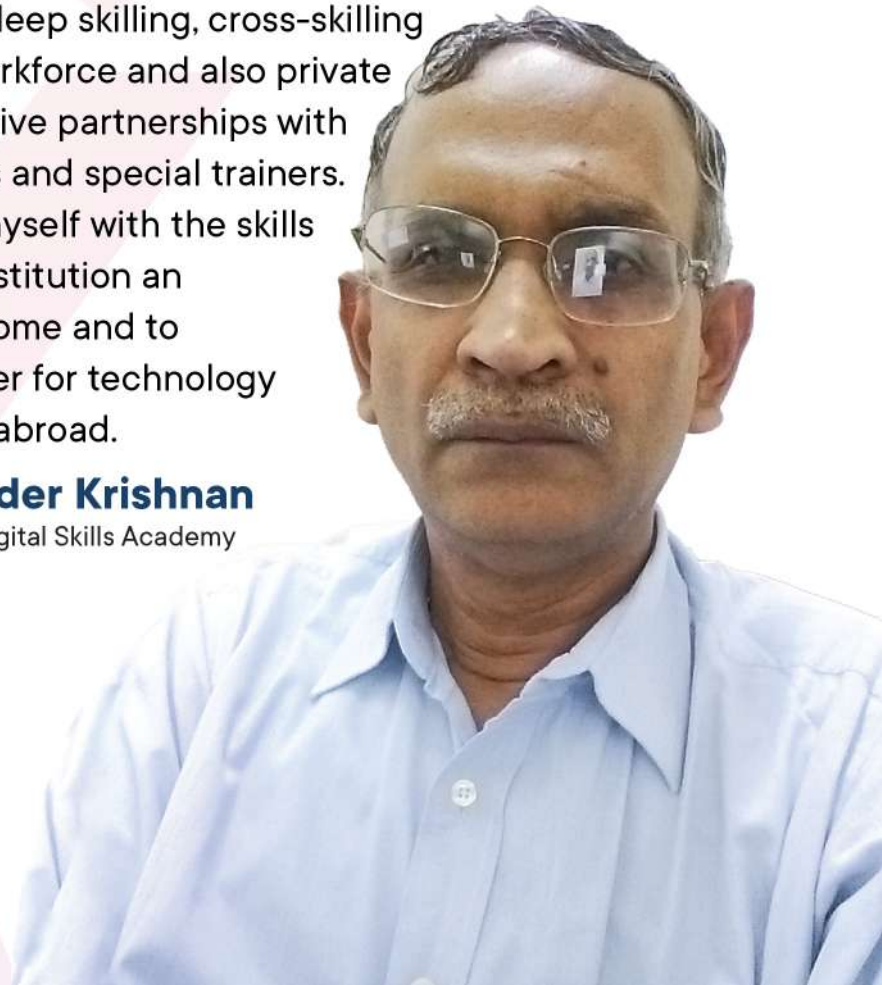


Control Systems

IITM Pravartak is a unique initiative of IIT Madras with a 360-degree perspective on research, industrial and product development of cutting-edge quality in the areas of cyber security, cyber-physical systems, cyber forensics and sensors in particular. The areas covered are vital to information and data security, for the manufacture of highly technical devices and for protecting Governments, Ministries, and organisations from cyber threats, and for providing newer and evolutionary designs. It has also accepted a huge responsibility for initiating startups by bright young minds both from IIT Madras and outside. While these activities have now gained visibility and acknowledgement already from experts in India and abroad, Pravartak also considers as its primary responsibility, training and skilling students, deep skilling, cross-skilling and upskilling of both Government workforce and also private individuals through unique and exclusive partnerships with major ed-tech groups, faculty mentors and special trainers. I am indeed very happy to associate myself with the skills programs of Pravartak and wish the Institution an ever-greater success in the years to come and to establish itself as the most sought-after for technology training and upgradation in India and abroad.

- Dr. Mangala Sunder Krishnan

Founder & Chief Advisor, Digital Skills Academy



Announcements

Panel Discussion with CEO, IITM Pravartak on "Transforming Infrastructure Management: How IoT/CPS Systems are Revolutionizing Maintenance Targeting Energy Efficiency and Net Zero Targets of Indian Railways" at Elets National Smart Railway Conclave, New Delhi.



Prof. Devendra Jallihal, Project Director trained students at Paanchajanya Centre, Pindaruch Darbhanga, Bihar using Chrome books.



IITM Pravartak along with Open Mentor Trust showcased Kalvi Shakthi and Vidya Shakthi activities during the Third Anniversary of National Education Policy 2020 at Pragati Maidan, New Delhi.



Mr. Balamurali Shankar, General Manager - Skills Development, participated in a panel discussion hosted by the Confederation of Indian Industry, about the adoption of Generative AI by industries and the impact it has on the skilling industry.

Launched Call for Proposals under the following schemes



EIR

Entrepreneur In Residence



PRAYAS

PRomotion and Acceleration of Young and Aspiring technology entrepreneurs



SSS

Seed Support System

Fellowships

Graduate Fellowships

Post Graduate Fellowships

Doctoral Fellowships

Post Doctoral Fellowships



Startups Incubated



Jompoi Private Limited for developing an IoT-enabled E-commerce platform to reduce the supply chain time.



Rudram Dynamics Private Limited for developing Aerial Robots with Stabilization and Control.

Startups Incubated!
Startups Incubated!
Startups Incubated!

MoUs Signed

IIT-Madras Pravartak inks pact with Diamondpick to train fresh engineering students

Chennai, Feb 4 (ANI) The IIT-Madras Pravartak Technologies Foundation has entered into a strategic partnership with Diamondpick, a talent solutions company, to train fresh engineering students. The pact will be based on technologies forecast by Diamondpick, which will also help to identify employment opportunities for the students in leading IT organizations, a senior IIT-Madras official said on Tuesday. In the "win-win-deal" model, talent of students will be recruited by Diamondpick and they will be trained for two to six months, depending on the technology stack.

The MoU was signed recently in the presence of Prof. V. Anandhi, Director, IIT Madras, Mr. Lakshmi Narayanan, Chairman, Governing Council, Digital Skills Academy, IIT Madras and Mr. Suresh Rajagopal, Founder and Director, Diamondpick along with Mr. Srinivas Narayanan, CEO, Diamondpick and Sandeep Subraman, CTO, Diamondpick.

Mr. Bharanidharan, General Manager, Digital Skills Academy, IIT Madras Pravartak Technologies Foundation, said, "Our vision is to provide opportunities for fresh graduates by providing industry relevant skilling with both soft techniques that will enable them to secure meaningful employment and pursue lifelong careers."

IITM Pravartak will jointly work with Diamondpick to analyse the demand of the industry in leading edge technologies and skill students with analytical and industry experts towards employment, he said.

ANI 04 Feb 2024
IIT-Madras Pravartak inks pact with Diamondpick to train fresh engg students

IIT-M, DIAMONDPICK TO TRAIN FRESHERS

Chennai: IIT Madras Pravartak Technologies Foundation has inked a pact with Diamondpick, a talent solutions company to train fresh engineering students. The pact will be based on technologies forecast by Diamondpick, which will also help identify employment opportunities for the students in leading IT organizations, said a statement issued by IIT-M. An official said the pact is a "win-win-deal" model, where talent of students will be recruited by Diamondpick and they will be trained for two to six months, depending on the technology stack.

IIT-M partners with pvt firm to train engineering grads

The pact will be based on technologies forecast by Diamondpick, which will also help identify employment opportunities for the students in leading IT organizations, said a statement issued by IIT-M. An official said the pact is a "win-win-deal" model, where talent of students will be recruited by Diamondpick and they will be trained for two to six months, depending on the technology stack.

IITM Pravartak has partnered with Diamondpick, a talent solutions company, to train fresh engineering students. The freshers would be trained in tech forecast by Diamondpick, which will also help identify employment opportunities for the students in leading IT organizations.



IITM Pravartak signed an agreement with Dr. M. G. R. Educational and Research Institute, Deemed to be University, Chennai.



IITM Pravartak signed an agreement with Sri Ramachandra Innovation Incubation Centre, a unit of Sri Ramachandra Institute of Higher Education and Research.



IITM Pravartak Technologies Foundation and Tribhuvan University entered into an agreement for collaboration to create innovation hubs for supporting and encouraging innovative technology based startups and industries in Nepal.

MoUs Signed



IITM Pravartak and Knowledge Utilization Incubation & Innovation Centre, Kathmandu University, Nepal entered into an agreement for collaboration to create innovation hubs for supporting and encouraging innovative tech-based startups & industries.



IITM Pravartak signed an MoU with Accord Superspeciality Hospital to utilize the facilities and exchange of data to facilitate researchers in order to support cooperative activities on healthcare, medical, and technology research and development.



IITM Pravartak signed MoU with Tamil Nadu Skill Development Corporation (TNSDC) MSA for offering Internship for Engineering Students who are in their final year. IITM Pravartak will work with their partners on best efforts basis to provide Internship.

Guidance Tamil Nadu intends to actively engage with IITM Pravartak's academic and innovation communities to facilitate trade, investment, talent development, ease of business, and investor interactions.



M O U S



IITM Pravartak and Auto Farm Agri India Private Limited have entered into an agreement to collaborate on the design and development of tools and automation equipment in the fields of farming, agricultural support systems, and enhancements for rural habitats.



As a collaboration between IITM Pravartak and Simplilearn, we provide digital skills programs for both students and professionals in areas such as Product Management, Full-Stack Development (FSD) - MERN and Cloud Computing.

Courses Launched



IITM Pravartak in collaboration with Talodyn Networks Private Limited (DBA Diamondpick) is selecting students for a “TechXcelerator Boot Camp” to impart industry-ready skills in tech skill areas.



IITM Pravartak in collaboration with Crion Learning Private Limited is offering Data Analyst Career Experience Program



IITM Pravartak in collaboration with GITAA Private Limited is offering Machine Learning Using Python course.

Courses launched in collaboration with **L&T Edutech**



Building Information Modeling course



Tunnelling and Deep Excavation course



Geospatial Techniques in Practice course



Heavy Lifting Techniques & Machinery course



Sustainable Design of Buildings course



Cyber-Physical Systems for Industrial Applications course



Artificial Intelligence and Edge Computing course



Integrated Engineering of Medium Voltage Substation course



Renewable Energy and Power Evacuation course



Practitioner's Approach to Power System Protection and Switchgear course



Design of Fire and Life Safety System for Buildings course



Industrial Piping Engineering course.



Power Plant Engineering An Industrial Context course.



Robotics and Digitalization in Manufacturing course.



Ventilation and Air Conditioning System Design for Buildings course

“Digital India RISC-V Symposium”

IITM Pravartak, IIT Madras and Ministry of Electronics & Information Technology, organized a ‘Digital India RISC-V Symposium’, an event that showcased the ‘Future of Electronics in India through the RISC-V pathway’. Shri. Rajeev Chandrasekhar, Hon’ble Minister of State, Ministry of Electronics & Information Technology & Skill India was the chief guest.



Visits

Ms. Atishi Singh, the Minister of Education, P.W.D, Culture and Tourism, accompanied by officials from the Education Ministry, visited IITM Pravartak.



Thiru K. LAKSHMINARAYANAN Hon'ble Minister for Public Works, accompanied by the officials from the Government of Puducherry, visited IITM Pravartak.



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

