

11th Edition
Dr. Pradeep
P. Thevannoor
Hackathon
2025

Organised by:



SSET SCMS School of
Engineering & Technology
Vidya Nagar, Karukty, Cochin - 683576

₹ 3.5 Lakh
Total Prize Money



Dr. Pradeep P. Thevannoor



IGNITING THE QUEST FOR INNOVATION

The Dr. Pradeep P. Thevannoor Innovation Awards (PPTIA) were instituted by SCMS School of Engineering and Technology, Kerala, India, in 2015 to globally identify, recognize, and celebrate innovative ideas and applications that address the challenges faced by society. As part of this Initiative, SCMS School of Engineering & Technology is organizing a Hackathon designed to engage the creative minds of students (Grades 8 to 12, and Polytechnic Colleges).

This event offers a platform for students to propose innovative solutions to specific problem statements while fostering a culture of startups and innovation.

The hackathon provides an opportunity for students to showcase their ideas with both national and international visibility.





PROBLEM STATEMENTS

1

DEFEND INDIA WITH INNOVATION

Design and develop innovative technological solutions that strengthen national safety, security, and resilience, inspired by Operation Sindhoor. Focus areas include smart border surveillance, AI-based threat detection, drone and anti-drone technologies, and real-time anomaly detection. Create working models or simulations to demonstrate the effectiveness of your proposed solution in real-world scenarios.

2

EMPOWERING INDIA'S HEALTH THROUGH SMART INNOVATION

Develop innovative technology solutions that improve the health and well-being of individuals and communities in India. Focus on creating smart wearables and devices for early illness detection, health monitoring, and emergency alerts. Build functional prototypes that showcase practical benefits in preventive and responsive healthcare.

3

SMART FARMING FOR A PROSPEROUS INDIA

Develop innovative technology solutions to increase agricultural yield and support sustainable farming practices across India. Emphasize smart irrigation systems, AI-powered crop health monitoring, and cost-effective weather or soil analysis tools. Build practical prototypes that empower farmers and improve resource efficiency for a more productive and resilient agricultural sector.



REGISTER

- Registration and Idea Submission:
 - 6th to 30th October 2025
- Grand Finale:
 - November 16th and 17th, 2025

Registration open for 8th to 12th grade students and Polytechnic students

School students registration:
([click here](#))



Polytechnic students registration:
([click here](#))



PRIZES

2nd ₹ 50 k 1st ₹ 1 Lakh 3rd ₹ 25 k

There will be first, second, and third prizes awarded separately for schools and polytechnic colleges. Additionally the winners:

- Will be provided space at incubation centers of SCMS institutions.
- Have opportunities for funding and assistance.

The deadline for registration and idea submission is October 30, 2025. Shortlisted teams will be announced in the first week of November, with the final event scheduled for the third week of November 2025 at SCMS School of Engineering and Technology, Cochin, Kerala.

For further information, please contact: 9495026093, 9526100102

Vision of SSET

- To be a premier institution moulding ethical and socially responsible engineers with emphasis on 'Service Learning'.
- To be among the top ten institutions in India by 2040, shaping technology innovators and leaders for spearheading research relating to sustainable development goals.

Mission of SSET

- Innovative education and research for shaping techno-leaders



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