

SCMS School of Engineering and Technology

Vidya Nagar, Palissery, Karukutty, Ernakulam – 683576, Kerala

12th Edition Dr. Pradeep P. Thevannoor Hackathon 2026

DETAILED GUIDELINES

OVERVIEW

The Dr. Pradeep P. Thevannoor Hackathon 2026 aims to engage the creative minds of school and polytechnic students with ingenious ideas to tackle specific societal challenges. The hackathon provides a platform for students to propose innovative solutions to the identified problem statements while fostering a culture of innovation and entrepreneurship.

MODE OF HACKATHON

- Pre-screening will be performed and shortlisted teams will be intimated.
- The Grand Finale will be held for 24 hours at SCMS School of Engineering and Technology, Karukutty, Ernakulam, Kerala, on 16th and 17th November 2026.

SCHOOL REGISTRATION

- Open to school students studying in Grades 8 to 12.
- Team registration and idea submission will be open from 5th October to 30th October 2026 through the website or the registration link provided in the brochure.

POLYTECHNIC COLLEGE REGISTRATION

- Open to students of Polytechnic Colleges.
- Team registration and idea submission will be open from 5th October to 30th October 2026 through the website or the registration link provided in the brochure.

TEAM FORMATION

- A team can consist of 1 to 4 students, with 1 mentor (optional).
- The mentor must be a teacher from the same school/college.
- It is desirable to have at least one female member as part of the team.
- All students should be from the same school/polytechnic college. Inter-school or inter-college teams are not allowed.
- An authorization letter from the school/polytechnic college, including the details of the mentor, should be submitted during idea submission.
- A team can select only one problem statement.

PROBLEM STATEMENTS

1. Smart Mobility

- AI-Based Road Safety and Accident Prevention
- Future Transport (Vehicle of 2050)
- Green Mobility (Transportation systems that minimize environmental impact)
- Smart Public Transportation

2. Disaster & Climate

- AI-Based Landslide Prediction and Early Warning
- Smart Flood Monitoring and Emergency Response
- Climate-Resilient Communities
- Portable Foldable Bridge for Landslide Rescue

3. Intelligent Technology for an Inclusive Society

- AI Solutions for Personalized Learning
- Assistive Technologies for Senior Citizens and People with Visual, Hearing, Speech or Mobility Impairments
- Smart Robots for Sustainable Farming
- AI for Preserving Culture, Heritage and Traditional Knowledge

SUBMISSION OF IDEAS

- Use the “REGISTER NOW” option on the “12th Edition Dr. Pradeep P. Thevannoor Hackathon 2026” website and enter the Team Name, School/College Name, Email ID, Mobile Number of the Team Leader, and details of all other team members.
- Download the “IDEA SUBMISSION TEMPLATE” from the website/registration form and complete the description of the proposed solution with all relevant details. The guidelines for preparing the idea template are provided in the sample template.
- Upload the PDF of the completed idea submission form and the consent/authorization letter from the school/college.

PROCESS AND TIMELINES

Stage	Date / Timeline
First Round – Idea Submission	5th October to 30th October 2026
Announcement of Shortlisted Teams	First week of November 2026
Grand Finale	16th and 17th November 2026

GENERAL INFORMATION REGARDING THE GRAND FINALE

- The duration of the Grand Finale will be 24 hours.
- If a team is selected for the Grand Finale, all members will need to be present at SCMS School of Engineering and Technology, Vidya Nagar, Palissery, Karukutty, Ernakulam, Kerala.

- SCMS School of Engineering and Technology will arrange accommodation and food for teams during the Grand Finale.

PRIZE MONEY

₹3.5 LAKH TOTAL PRIZE MONEY

- 1st Prize – ₹1 Lakh
- 2nd Prize – ₹50,000
- 3rd Prize – ₹25,000
- Prizes are awarded separately for School and Polytechnic categories.

ADDITIONAL BENEFITS FOR WINNERS

- Exclusive Tuition Fee Scholarships across all SCMS programmes:
 - 1st Prize – 30%
 - 2nd Prize – 25%
 - 3rd Prize – 20%
- Space at incubation centres of SCMS institutions.
- Opportunities for funding and assistance.

CONTACT AND WEBSITE

- Website: <https://scmsgroup.org/sset/>
- For further information: +91 94465 03448 / +91 97461 77760