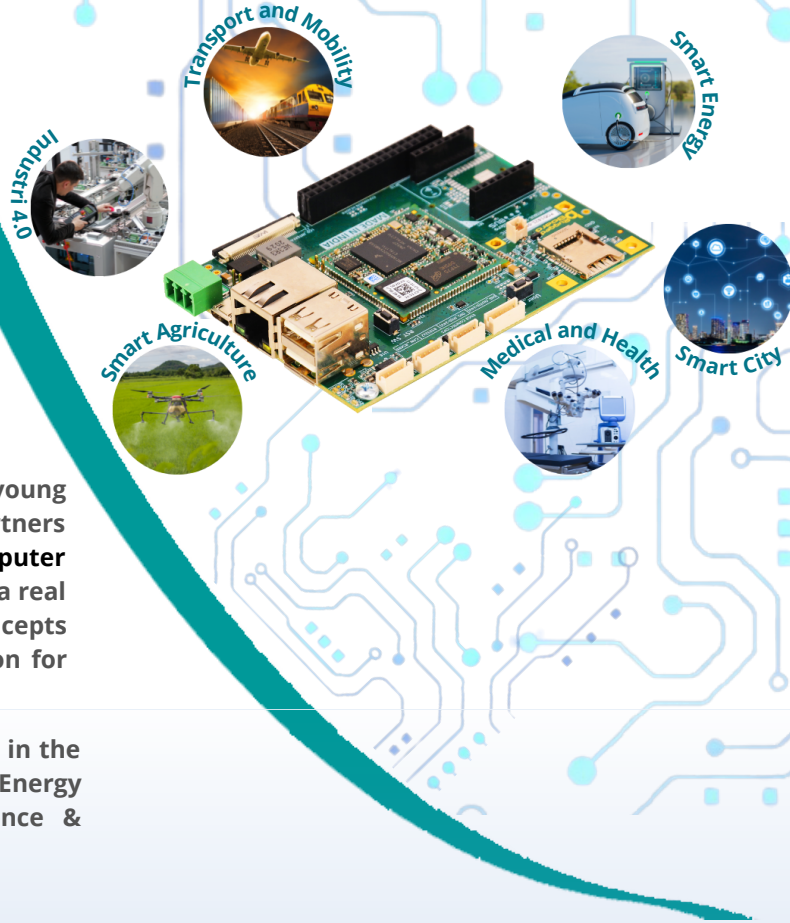# Rugged Board

Hackathon

Building Swadeshi Single Board Computer & IoT Applications

Convert your IoT IDEAS to POC with INDIA's first Industrial Open-Source Hardware and win prizes sum of 3Lacs.

To promote **MAKE IN INDIA & Aatmanirbhar Bharat** with young minds & souls of INDIA, PHYTEC with Semiconductor partners conducting **Hackathon on Swadeshi Single Board Computer Design.** Students can convert their ideas and innovations to a real time Proof of Concept using RuggedBOARD . Selected concepts will be taken to Industrial Prototyping and mass production for real business, with support of INDUSTRY Leader & Mentors.

This Hackathon is a gateway to implement innovative ideas in the field of Industrial Automation, Electric Vehicle, Smart Energy Monitoring, Medical & Healthcare, Transportation, Defence & Aerospace, Drones, Robotics & Smart Cities.

Transport and Mobility
Industri 4.0
Smart Energy
Smart Agriculture
Medical and Health
Smart City

Hackathon Highlights

Win prizes sum of 3 Lacs final six teams

- Work on Industrial Hardware.
- Free 4 weeks Industrial Training on Embedded Linux System Development
- Industrial Mentorship & Guidance
- Selected projects funded to next level of Start-ups & Entrepreneurship.
- Use same project to submit to your college in final year
- Industry connects and exposer to International Developer Communities
- End up building your own Single Board Computer using RuggedOBARD

Hackathon Roadmap

Phase-1

Registration fees for each team is 1000 rupee max 4 students in a team can participate, each team should submit their ideas on the topics mentioned, in the form of abstract. Last date for registration and submit abstract are Jan 25th. After screening and shortlisting the selected teams can go for Phase-2.

- REGISTRATION
- IDEA SUBMISSION
- SHORTLISTING

Phase-2

Free 20 days Online Training on SBC design & Embedded Linux System Development on RuggedBOARD

- TRAININGS
- PROJECT BUILDING GUIDANCE
- FEASIBILITY STUDY
- SUPPORT FOR SYSTEM LEVEL DESIGN

Phase-3

Building Proof of Concept
Project Presentation at SIT Bhubaneswar Odisha
Top 20 teams can perform in SIT Bhubaneswar

- WINNER TEAM WILL GET 1 LAKH INR
- 2 RUNNER UP TEAMS WILL GET 50K INR EACH
- 3 SECOND RUNNER UP TEAMS WILL GET 30K INR EACH