



# BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

DEPARTMENT OF ECE  
IEEE STUDENT BRANCH (SBC10169)



## National-Level Hackathon

# NEO-NEXUS 3G.0

36-Hour Non-Stop Hackathon

CODE THE CHANGE, SECURE THE WORLD, SUSTAIN THE FUTURE

DATES: Sept 6<sup>th</sup> - 7<sup>th</sup> 2025

Register Now | Limited Slots

: BITM COLLEGE  
BALLARI (KARNATAKA)





# BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

Department of ECE



## NEO-NEXUS 36.0

36-HOUR NON-STOP HACKATHON

Organized By  
IEEE Student Branch  
In Association with  
IEEE SIGHT and BITM SUSTAINA  
Technical Partners

Mathworks, CoreEL Technologies, AMD & iMatiz Technologies





# INTRODUCTION

Welcome to NeoNexus36.O—A National-Level Hackathon Beyond Time and Boundaries.

A 36-hour cosmic sprint where the lines between innovation, sustainability, and security dissolve into pure creation.

Here, you're not just writing code — You're engineering the future.

Whether you're a circuit whisperer or a code conjurer, NeoNexus36.O brings together minds who dare to build beyond the now.

In a reality challenged by global disruption and digital evolution, we don't adapt; we lead.

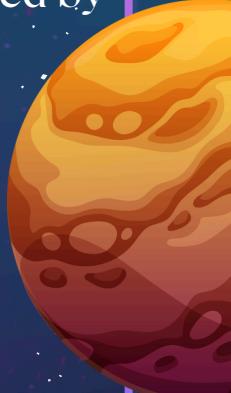
Mentored by industry pioneers, powered by purpose, and fueled by passion—NeoNexus36.O is where tomorrow takes root.

This is more than a hackathon.

This is a launch sequence.

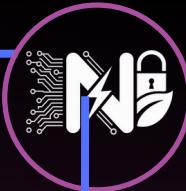
This is NeoNexus Space.

Let's build the unimaginable—together.

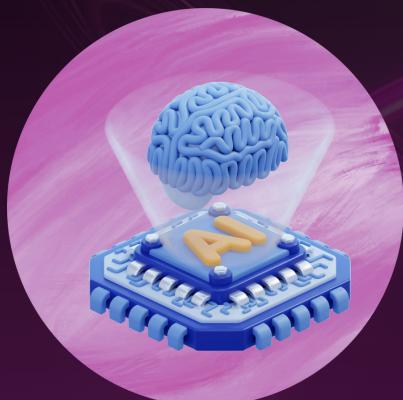


## WHY JOIN?

- Tackle real-world challenges in security, sustainability & mobility
- Choose your track: Hardware or Software
- Get mentored by industry experts
- Collaborate with innovators across domains
- Win cash prizes, swags & recognition
- Create solutions for a better, secure, sustainable future



# HACKATHON TRACK DOMAINS



## ADVANCED TECHNOLOGY

- AI & ML Innovations
- Smart Cities & IoT
- Future Computing & Robotics

## SUSTAINABLE ENVIRONMENT

- Renewable Energy & Climate Solutions
- Circular Economy & Waste Management
- Green Tech for Smart Living



## CYBERSECURITY THREATS

- AI-Driven Cyber Defense
- Blockchain & Digital Security
- Cybercrime & Threat Mitigation

## MOBILITY

- Intelligent Driving Experience
- Smart Coaching & Driver Engagement
- AI-Powered Safety & Insurance Insights





# EVENT DETAILS



## DATE

6th - 7th September  
2025



## ELIGIBILITY

OPEN TO  
STUDENTS,  
PROFESSIONALS,  
DEVELOPERS

## TEAM SIZE

3-4 MEMBERS  
PER TEAM

## VENUE

BITM COLLEGE,  
BALLARI

# HAEKATHON JOURNEY



"From Concept to Creation - Your 3-Phase Hackathon Adventure"

## ✓ PHASE 1 – LaunchPad: Ideate & Initiate

1

- 1 Form Team  
2-4 Members

- 2 Pick Domain  
Tech / Env | Cyber |  
Mobility

- 3 Choose Problem  
From released list

- 4 Submit Abstract  
Idee + Solution + Tech  
Stack

## ✓ PHASE 2 – OrbitSync: Confirm & Gear Up

2

- 1 Confirm Team  
Recheck member  
details

- 2 Pay Fee  
Submit registration  
payment

- 3 Choose Logistics  
Accommodation

- 4 Submit Docs  
College ID &  
Emergency Info

## ✓ PHASE 3 – CodeX Core: Innovate & Execute

3

- 1 Arrive On Campus  
Set up workspace

- 2 Build Solution  
36-Hour Prototype Sprint

- 3 Mentor & Evaluate  
Feedback + Judging

- 4 Showcase & Win  
Prizes | Swags | Glory





# JUDGING CRITERIA

- Innovation & Creativity Novelty of the idea
- Impact & Relevance Addresses real-world problems
- Technical Execution Feasibility & efficiency
- Presentation & Teamwork Clarity & collaboration

**PRIZES – ONE TRACK, ONE MISSION: WIN IT ALL!**



₹ 25,000



₹ 15,000



₹ 10,000

All participants will receive Certificates of Participation.



# CHIEF GUESTS



**SHIVA KUMAR B**

Project Director, Bosch Global  
Software Technologies



**DR.CHENCAPPA MUNJANDIRA**

Senior Technologist  
Hewlett Packard Enterprises  
Vice Chair IEEE Bangalore  
SIGHT Chair



# INNOVATION PANEL



**CHETAN D**

Senior Architect, Bosch Global  
Software Technologies



**KISHOREKUMAR SHARMA**

Lead, Bosch Global Software  
Technologies



**DR.RIYAZ A RAHIMAN**

Senior Application Engineer  
MathWorks Products  
CoreEL Technologies India Pvt Ltd,  
Bangalore



**BHARGAV A K**

Senior Architect, Bosch Global  
Software Technologies



# TECHNICAL PARTNERS





# REGISTRATIONS FEE DETAILS

## Poster Presentation:

- ₹200 + 18% GST – Non-IEEE
- ₹100 + 18% GST – IEEE Members

## Hackathon Finalists:

- ₹800 + 18% GST – Non-IEEE
- ₹500 + 18% GST – IEEE (All 4 team members must be IEEE members to avail the discount)



# JOIN US!

We highly appreciate and welcome your feedback and suggestions. Please feel free to contact us at any time. We are committed to going above and beyond to ensure that your experience at the Neo-nexus 36.0 is truly memorable.

## CONTACT DETAILS

### Hackathon Director



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### Student Ambassador



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### Technical Head



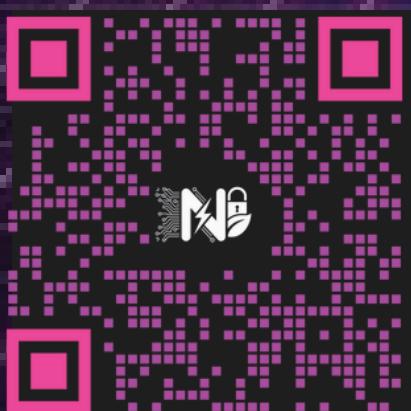
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### Student Ambassador



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SCAN FOR  
REGISTRATION



LET'S GET  
SOCIAL!

