



**Centurion**  
UNIVERSITY

Shaping Lives...  
Empowering Communities...



# XPLORA 2K26 INNOVATHON



School of Engineering and Technology

IN COLLABORATION WITH





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## About Centurion University

**Centurion University** is a state-private university in Odisha with six constituent campuses located in challenging geographies, along with a second university in Andhra Pradesh at Vizianagaram. The university is widely recognized for its unique model of skill-integrated higher education that combines academic excellence with industry-linked, hands-on and experiential learning. It emphasizes practice-oriented pedagogy and interdisciplinary research to prepare students for real-world challenges.

What distinguishes Centurion University is its strong focus on entrepreneurship through in-house manufacturing, training, and learning laboratories such as wood engineering, transformer manufacturing, apparel design, e-vehicle production, waste-to-wealth, and drone technology labs, supported by over 50 industry-sponsored labs. The university has also promoted several social and business enterprises under the Gram Tarang brand, expanding its impact across nine states.

Academically, the university operates 16 schools, offering over 50 domain courses and 150 skill courses with extensive industry integration. It maintains collaborations with leading organizations and government skill-development initiatives, making it a promising institution committed to inclusive, industry-ready, and future-focused education in India.

<b>20,000+ Students</b>	<b>24 Research Centers</b>	<b>52 Incubates</b>
<b>63 Academic Programs</b>	<b>11 Centers of Excellence</b>	<b>50+ Industry- Sponsored Labs</b>
<b>6 Campuses</b>	<b>220+ Patents</b>	<b>115+ MoUs</b>



[cutm.ac.in](http://cutm.ac.in)



# About **XPLORA INNOVATION**

XPLORA INNOVATHON is the first university-level hackathon in the history of Centurion University of Technology and Management (CUTM). It is organized by the School of Engineering and Technology (SoET) as a flagship technical event under the university's Annual Techno-Science-Management-Cultural-Literary-Skill Fest, Gajajyoti-2026.

The hackathon focuses on a broad spectrum of emerging and impactful technology domains, including intelligent data-driven systems, connected and automated technologies, smart infrastructure and urban development, sustainable engineering solutions, healthcare and agri-innovation, as well as immersive and advanced digital applications. It is designed to encourage participants to develop innovative, scalable, and socially relevant solutions addressing real-world challenges.

Through collaborative problem-solving, hands-on development, and interdisciplinary teamwork, XPLORA INNOVATHON aims to nurture creativity, technical excellence, and entrepreneurial thinking among students. As an inaugural initiative, the event reflects CUTM's commitment to experiential learning, innovation-led education, and the development of industry-ready professionals equipped for future technological advancements.

## Important Dates

Registration & Abstract Submission (Round 1):

- 28th January 2026

Announcement of Shortlisted Teams (Round 2):

- 2nd February 2026

Onsite 24-Hour Hackathon (Final Round):

- 11th – 12th February 2026

## Hackathon Themes & Topics

The hackathon focuses on a wide range of emerging and interdisciplinary technology domains, including:

### **Intelligent Systems and Data Technologies Covers:**

- Artificial Intelligence & Machine Learning / Data Science & Big Data Analytics
- Cloud Computing & Edge Computing
- Cybersecurity & Blockchain Technologies

### **Connected Devices and Automation Covers:**

- Internet of Things (IoT) & Embedded Systems
- Smart Manufacturing & Industry 4.0
- Robotics, Drones & Autonomous Systems

### **Smart Infrastructure and Urban Development Covers:**

- Smart Cities & Urban Innovation
- Civil Infrastructure & Construction Technology
- Energy Systems & Power Engineering

### **Health, Sustainability, and Agri-Tech Covers:**

- Smart Healthcare & Biomedical Engineering
- Sustainable Engineering & Green Technologies
- Climate Change & Environmental Engineering
- Agriculture Technology & Rural Innovation

### **Immersive Technologies and Advanced Applications Covers:**

- AR/VR and Gaming
- Space, Aerospace & Defence Technologies

## Team Composition & Eligibility

### Team Size:

- Minimum 2 members | Maximum 4 members

### Gender Diversity:

- At least one female member per team (preferred)

### Eligibility:

- Open to both Intra-University and Inter-University student teams

## Rules & Regulations

1. Teams must submit an abstract during registration for initial screening.
2. Shortlisted teams will participate in the onsite 24-hour hackathon.
3. All development must be carried out during the hackathon duration.
4. Teams must adhere to ethical practices and academic integrity guidelines.
5. Final decisions by the judging panel will be binding.

## Hackathon Structure

### Round 1: Abstract / Idea Submission

Teams must register and submit their abstract/idea by 28th January 2026.

#### Evaluation criteria:

1. Innovation and originality
2. Feasibility
3. Problem relevance
4. Domain alignment

Top 25 teams will be shortlisted.

### Round 2: Onsite 24-Hour Hackathon

- Shortlisted teams announced on: 2nd February 2026
- Teams will participate in an offline hackathon.
- Teams must design, develop, and present solutions within 24 hours.

## Registration & Fees

#### • Round 1 Registration Fee:

- ₹200 per team

#### • Round 2 (Shortlisted Teams):

- ₹1500 per team (Includes Food & Accommodation) before 5<sup>th</sup> February, 2026

# Registration Process

## Step 1: Team Formation

Form a team consisting of 2 to 4 members.

(It is strongly encouraged to include at least one female member in the team.)

## Step 2: Choose Domain

Select a relevant domain that best aligns with your problem statement and innovative idea.

## Step 3: Download Idea Template

Download the official Hackathon Idea PPT Template using the link provided on the official platform.

 [Click Here for the PPT Template](#)



## Step 4: Prepare Idea

Prepare your idea/abstract strictly using the official template.

Ensure that all required sections are properly filled and the content is clear, concise, and well-structured.

## Step 5: Online Registration

Complete the Round-1 Idea Submission Form by filling in all mandatory details related to your team and idea.

## Step 6: Make Payment

Complete the registration payment through the official payment link provided.

Make sure the payment is successful before proceeding to the next step.

## Step 7: Upload & Submit

Upload the payment receipt and submit the Idea PPT in PDF format only.

Submissions in any other format will not be accepted.

## Step 8: Shortlisting

Teams shortlisted for Round-2 will be informed through email and/or official communication channels.

# Scan Here to Register



# Click Here to Register

<https://forms.gle/fuHo3wQSTVpbZqpD7>

**TOTAL PRIZE POOL**

**₹60,000**

**₹60,000**



## How to Reach

### Railways:

**Centurion University of Technology and Management, Bhubaneswar** is well connected by rail through Bhubaneswar Railway Station and Khurda Road Junction, both major railway stations on the Howrah-Chennai main line, offering direct connectivity to major cities across India.

### Airport:

**Biju Patnaik International Airport, Bhubaneswar**, located about 20 km from the campus, provides regular domestic flight connectivity. The university campus is easily accessible by taxi or local transport.

**Click here to reach out CUTM, BBSR**

<https://maps.app.goo.gl/LN8iP7iTTKkWg9477>



## Organising Committee

**Dr. Sangram Keshari Swain,**

Dean, Examinations & Dean, Students' Welfare ,  
Professor, Dept. of CSE

**Dr. Sujata Chakravarty,**

Dean, School of Engineering & Technology ,  
Professor, Dept. of CSE

**Dr. Sudhansu Kumar Samal,**

Associate Dean ,School of Engineering & Technology,  
HOD, Dept. of EEE.

**Prof. Raj Kumar Mohanta,**

HOD, Dept. of CSE.

**Prof. Rakesh Kumar Ray,**

HOD, Dept. of MCA and BCA.

**Dr. Harish Chandra Mohanta,**

HOD, Dept. of ECE.

**Dr. Biranchi Prasad Mishra,**

HOD, Dept. of Aerospace Engg.

**Dr. Jyoti Prakash Giri,**

HOD, Dept. of Civil Engg.

**Dr. Sunita Routray,**

HOD, Dept. of Mech. Engg. and Mining Engg.



# Contact Us



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