



Central University of Karnataka
IEEE STUDENT BRANCH



CUK-CS AITHON 2026

29TH - 30TH JANUARY, 2026

Venue: Central University of Karnataka

REGISTRATION PORTAL IS LIVE!

**PRIZE POOL:
INR 50K +**

**Pre-Event
AI Impact Summit**

HOSTED BY DEPT OF COMPUTER SCIENCE
-CENTRAL UNIVERSITY OF KARNATAKA

REGISTER NOW!
<https://cukcs-aithon.vercel.app/>

National-Level Hackathon

**24-Hour Innovation-Driven
Competition**

**Exciting gift hampers and
much more!!**

**A unique opportunity to be mentored
by top scientists & industry experts**

**REGISTRATION DEADLINE
8TH JANUARY 2026**



THE VISION

About the Institute

Established under the Central Universities Act of 2009, the Central University of Karnataka has rapidly emerged as a premier institution dedicated to academic excellence and social transformation. Our mission is to empower young minds by bridging the gap between theoretical knowledge and practical skill-building through high-quality education, innovative research, and rigorous training.

Pillars of Excellence

- **Academic Rigor**: Our faculty members are at the forefront of their disciplines, contributing to global scholarship through high-impact publications and international collaborations.
- **Research & Innovation**: Beyond the classroom, CUK is a hub for joint ventures and workshops that address contemporary global challenges.
- **Student Success**: We take immense pride in our alumni, who consistently secure placements in world-class organizations and gain admission to prestigious global institutions for advanced studies.
- **Social Impact**: The university remains deeply committed to extension activities, ensuring that academic growth translates into meaningful societal progress.

PRE - EVENT | AI IMPACT SUMMIT 2026

The India–AI Impact Summit 2026 is the first major global AI summit to be hosted in the Global South. It represents a pivotal shift from high-level discussions to concrete, measurable action.



AI
IMPACT
SUMMIT
भारत 2026 INDIA

Building on previous international forums, the Summit aims to bridge the gap between global AI commitments and on-the-ground reality. Its core focus is to ensure AI drives inclusive growth, especially for developing nations, by addressing the widening global AI divide and promoting culturally contextual solutions.

Convened in New Delhi, the Summit will strengthen multilateral cooperation, amplify the voice of the Global South, and tackle urgent challenges such as job disruption, bias, and sustainability.

The goal is to harness AI's transformative power for all of humanity, turning principles into tangible impact.



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“THE ACADEMIC PILLAR”

Department of Computer Science (CUK)

The Department of Computer Science at the Central University of Karnataka (CUK) is a hub for innovation and technical excellence. Our curriculum is strategically designed to address the frontiers of modern technology, including Artificial Intelligence, Data Science, and Software Engineering. As a premier national institution, CUK combines rigorous academic training with robust placement support, ensuring our graduates are equipped with the specialized skills necessary to lead in the evolving global tech landscape.



The Driving Force

IEEE Student Branch (CUK)

Connecting Minds, Advancing Technology

The IEEE Student Branch at CUK is more than a student organization; it is a nexus of technical innovation and professional growth. As part of the world's largest technical professional organization, we are dedicated to advancing technology for the benefit of humanity.

- **Our Mission:** To foster technological innovation and excellence for the benefit of humanity.
- **What We Do:** We provide a platform for students to bridge the gap between curriculum and industry standards. Through technical symposiums, workshops, and distinguished lecture series, we cultivate a community of "Global Technocrats" ready to lead the future.

IEEE Computer Society (CUK Chapter)

The Architect of the Digital Era

The IEEE Computer Society is the premier source for information, inspiration, and collaboration in computer science and engineering. At CUK, this chapter serves as the catalyst for the university's coding culture.

- **Our Vision:** To be the leading provider of technical information, community services, and personalized services to the world's computing professionals.
- **The Impact:** Focusing on domains like Artificial Intelligence, Cloud Computing, and Data Science, the society empowers students to move beyond textbooks. We drive the "builder mindset," encouraging members to turn theoretical concepts into deployed solutions.

The Event Synopsis

Beyond Code:

CUKCS-AITHON 2026 is not merely a competition; it is a crucible for innovation. This 24-hour continuous hackathon challenges participants to push the boundaries of Artificial Intelligence to solve pressing real-world problems.

STEP 01: THE SPARK (REGISTRATION & SUBMISSION)

NOW OPEN –

- **Action:** Form your team (2-4 members) and select a problem statement.
- **Submission:** Craft your solution into an Abstract.
- **Deliverable:** Upload your PDF proposal via the portal before the deadline.

STEP 02: THE CHECKPOINT (DEADLINE)

**JANUARY 5, 2026
[11:59 PM IST]**

- **Milestone:** Phase 1 Submission Portal Closes.
- **Process:** Our expert panel begins the rigorous screening of prototypes based on feasibility, innovation, and impact.

STEP 03: THE VERDICT (SHORTLIST ANNOUNCEMENT)

JANUARY 10, 2026

- **Announcement:** The list of finalists advancing to the Grand Finale is released.
- **Next Step:** Shortlisted teams complete the confirmation process and fee payment (IEEE Members: ₹800 | Standard: ₹1000).

STEP 04: THE GRAND FINALE (24-HOUR HACKATHON)

JANUARY 29 – 30, 2026

- **Venue:** Central University of Karnataka.
- **The Event:**
 - **Day 1 (Jan 29):** Opening Ceremony, Hack Begins, Mentorship Rounds.
 - **Day 2 (Jan 30):** Final Pitch, Evaluation, and Award Ceremony.

Themes & Problem Statements

Participants must innovate within one of the following six core domains:-

1. Human Capital



Reimagining workforce development in the age of AI.

- **AI Career Mapping Tool:** A predictive system to guide students through evolving career landscapes.
- **Personalized Learning Pathways:** Adaptive algorithms that tailor educational content to individual learning speeds.

2. Inclusion for Social Impact



Technology that leaves no one behind.

- **AI for Accessibility:** Solutions improving digital or physical access for persons with disabilities.
- **Multilingual Translation:** Breaking language barriers to deliver services to underserved rural communities.

3. Safe and Trusted AI



Building ethical and accountable systems.

- **Bias Detection in Datasets:** Tools to identify and mitigate inherent biases in training data.

- **Model Transparency Dashboards:** Interfaces that make AI decisions explainable to users.

4. Resilience



Preparing the world for the unpredictable.

- **AI for Disaster Prediction:** Early warning systems for floods, earthquakes, or climate shifts.

- **Cyber-Resilience Monitoring:** Next-gen tools to detect and neutralize digital threats in real-time.

5. Innovation And Efficiency



Optimizing the systems that power our lives.

- **Process Automation Copilot:** Intelligent agents that streamline complex industrial or corporate workflows.
- **Energy Optimization Analytics:** AI-driven reduction of energy consumption in large-scale infrastructures.

6. Science



Accelerating the pace of discovery.

- **AI-Assisted Scientific Discovery:** Algorithms that process experimental data to find new patterns.
- **Protein/Material Prediction Model:** Deep learning models to predict molecular structures for medical or material breakthroughs.

The Hackathon Schedule

Registration Opens: Portal goes live for team registration and problem statement selection.

Submission Deadline: The final cut-off for uploading your Abstract PDF proposal.

The Verdict: Announcement of the Shortlisted Teams advancing to the Grand Finale.

PHASE 1: THE QUALIFIER (ONLINE)

15 DEC 2025

05 JAN 2026

10 JAN 2026

PHASE 2: THE GRAND FINALE (OFFLINE)

29 JAN 2026

30 JAN 2026

- **09:00 AM: Check-in & Inauguration at Central University of Karnataka**
- **12:00 PM: Hackathon Begins. (Coding Phase Starts).**
- **12:00 PM: Submission of Final Prototypes Judging & Pitching Rounds.**
- **04:00 -5:00PM: Valedictory Ceremony & Prize Distribution.**

Submission Protocol (Strict Adherence)

To ensure a fair selection process, all teams must follow these guidelines:

1. Format: Submissions are accepted in PDF format only. (No PPT/DOCX).
2. Template: You must use the official CUKCS-AITHON Template available on the portal.
3. Content:
 - o Briefly and clearly explain your problem statement and proposed solution - keep it concise and to the point .
 - o Follow the given word limit strictly.

Disqualification Alert:


- *Late submissions will not be entertained.*
- *Proposals exceeding the word limit or deviating from the chosen track will be rejected.*


LOGISTICS, FEES & REWARDS


Registration Fees (For Shortlisted Teams Only)

- The entry fee is applicable only to teams selected for Round 2. It covers venue access, meals, and mentorship.
- IEEE Member Teams: ₹800 per team
- Condition: Applicable only if ALL team members are active IEEE members.
- Standard Teams: ₹1000 per team
- Condition: Applicable for teams with non-IEEE members or mixed membership.

Incentives & Rewards

 **Prize Pool:** Total cash prize pool of ₹50,000.

 **Career Growth:** Exclusive Internship & Mentorship opportunities for top performers.

 **Perks:** Exciting gift hampers and certificates for participants.

Eligibility Criteria

- **Students:** Open to all Undergraduate (B.Tech/B.E.) and Postgraduate students.
- **Team Size:** 2 – 4 members.
- **Collaboration:** Inter-institutional teams are permitted. We encourage diverse teams from different colleges to collaborate.

Connect with Us

- **Portal:** <https://cukcs-aithon.vercel.app/>
- **Email:** ieeecuk.cs@gmail.com
- **Instagram:** @cukcs_aithon
- **LinkedIn:** <https://hosturl.link/GK3VpE>

Nodal Officer

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Central University of Karnataka reserves the right to amend the rules and regulations as deemed necessary.