



**KALINGA
UNIVERSITY**



**Faculty of Computer Science &
Information technology**

ORGANISES

KU HACKATHON **N** **2025**

 **13th & 14th February 2025**

 **24 Hours Event**

About Kalinga University

Kalinga University, Naya Raipur, has emerged as a centre of excellence of higher education in Central India. Strategically located in the Smart City of Naya Raipur, this University has started carving a niche for itself in the education domain and is rising as a shining star on the horizon of quality education.

Established in 2013, this University has been able to win the confidence of over 12,000 students. Meritorious students from all over the country and various foreign countries like Afghanistan, Angola, Bangladesh, Cameroon, Gambia, Ivory Coast, Kenya, Lesotho, Liberia, Malawi, Namibia, Nepal, Nigeria, Papua New Guinea, South Sudan, Swaziland, Tanzania, Uganda, Zambia, Zimbabwe, etc. have chosen this University for their education and career.

KU Hackathon 2025

1. KU Hackathon is based on 4 Domains

Smart Automation

Smart City

Green Technology

Block Chain Technology

2. Select any one domain from the above.

3. Based on the selected domain, prepare an innovative/novel idea in the form of a PPT.

4. Upload the PPT with the registration fee of **INR 100/-** per Member (2 Members per Team) in the Google Link: <https://forms.gle/iCM1fTwoLCvJif6Z7>

5. The last date for the registration is **10th January 2025**.

6. Teams shortlisted for the final round will be announced on **20th January 2025**.

7. Teams shortlisted for the final round will have to pay a fee of **INR 1000/-** per Member (2 Members per Team) prior to the event for food and accommodation at the campus. They shall have to give presentations in offline mode on the **13th and 14th of February, 2025**.

Description of Domains

1. Smart Automation

The idea is to focus on building a fully autonomous smart energy monitoring facility for an entire building. This will be like a smart home solution but for an entire building. This AI-based solution can use deep learning to recognise patterns of behaviour at home or in the office to better manage energy consumption & electricity usage, strengthen security, and lower operating costs.

2. Smart City

Cities across the globe, especially emerging countries, are witnessing significant urbanisation. To make the city a better place to live and to improve the quality of citizens' welfare, ideas focused on solving the challenges in water management, solid waste management, safety and security, public health and digital connectivity.

3. Green Technology

Green technology has been gaining more popularity as the need to address global warming becomes more urgent. The theme deals with finding out the best solution for problems centred on sustainability, energy use, climate change, environmental monitoring, decentralisation of climate data, and anything technology focused on how we interact with the environment.

4. Block Chain Technology

A blockchain hackathon can explore a range of fields and human needs. It can last as long as you'd like and varies depending on the challenge. Predetermined judges typically determine the winner based upon the demo or proof of concept provided.

About the Event

- It is a National Level Hackathon.
- It is a 24-hour event starting at 11:00 A.M. on the **13th of Feb** and ending at 11:00 A.M. on the **14th of Feb 2025**.

Rules and Regulations

- Team can have a maximum of 2 students excluding the mentor.
- The mentor can be a faculty from your respective university/college.
- Mentors can guide the participants during the hackathon.
- The mentor is optional.
- Mentors will not be assigned by the organising committee.
- Food and Accommodation Charges of Rs.500/- for the mentor.

Presentation

It should be available in the form of a PPT, which includes:

- Details of Team Leader and Members, including College/University Name, Branch & Semester, E-mail Address and Contact Number
- Name of Domain
- Problem Statement
- Abstract
- Objectives
- Scope
- Innovative Solution for the Problem Statement
- Prototype
- Conclusion
- Mentor Details

Important Points

- Teams shortlisted for the final round will have to pay a fee of **INR 1000/-** per Member (2 Members per Team) prior to the event for food and accommodation at the campus. They shall have to give presentations in offline mode on the **13th and 14th of Feb, 2025**.
- Accommodation and meals will be provided in the University Hostels.
- No travel allowance will be provided.

Deadlines

- Submission of PPT along with registration fee of **INR 100/-** per Member (2 Members per Team): **10th Jan 2025**
- Announcement of shortlisted teams for final round: **20th Jan 2025**

Steps for Registration

STEP 1: Participants have to make payment on the given bank details:

- Account Name: Kalinga University Faculty of Information Technology
- Bank Name: Punjab National Bank
- A/c No.: 1744100100003519 → IFSC Code No.: PUNB0174410

STEP 2: Take a screenshot of the payment & send it to csit@kalingauniversity.ac.in

STEP 3: Fill out the registration form with all the necessary information.
<https://forms.gle/iCM1fTwoLCvJif6Z7>





First Position:
INR 10,000/-

PRIZES

Second Position:
INR 7,500/-

Third Position:
INR 5,000/-



Levels Of Sponsorships

PARAMETER	TITLE SPONSOR	GOLD SPONSOR	SILVER SPONSOR
Sponsorship Amount	INR 1,00,000/-	INR 50,000/-	INR 25,000/-
Brand Promotion	Promotion as Title Sponsor on all Event Related Material/Regular Announcements about Title Sponsors, Entrance Gate branded by Title Sponsors, Slideshows through projectors, Privilege to organise an event on location (T&C apply).	Backdrop, Posters on the University's Notice Boards & other Regular Announcements throughout the Event Collaterals	Backdrop/ Regular Announcements throughout the Event.
Booth Space/ Canopy	2	2	1
Standeeds	5	3	1
Digital Media	Prominent Display	Prominent Display	Basic Display
Branding at Website	Banner Display	Banner Display	Banner Display

How to Reach

Railways: Raipur Junction railway station is situated on the Howrah-Nagpur-Mumbai line of the Indian Railways (via Bhusawal, Nagpur, Gondia, Bilaspur, Rourkela, Kharagpur) and is connected with most major cities.

Airport: Swami Vivekananda Airport is the primary airport serving the state of Chhattisgarh. The airport is located 15 km south of Raipur near Atal Nagar.

CONVENOR

Mr. Omprakash Dewangan

HOD, Faculty of CS & IT

+91-7024133429

PROGRAM COORDINATOR

Mr. Kamlesh Kumar Yadav

Assistant Professor, Faculty of CS & IT

+919770598328

COMMITTEE MEMBERS

Dr. Anupa Sinha

Assistant Professor,
Faculty of CS & IT

Mr. Gopesh Kumar Bharti

Assistant Professor,
Faculty of CS & IT

Mr. Debarghya Biswas

Assistant Professor,
Faculty of CS & IT

Ms. Chandni Sawlani

Assistant Professor,
Faculty of CS & IT

Mr. Manish Nandy

Assistant Professor,
Faculty of CS & IT

Ms. Laboni Saha

Assistant Professor,
Faculty of CS & IT

Ms. Aakansha Soy

Assistant Professor,
Faculty of CS & IT

Ms. Ashu Nayak

Assistant Professor,
Faculty of CS & IT

Ms. Roohee Khan

Assistant Professor,
Faculty of CS & IT

Campus: Kalinga University, Kotni, Near Mantralaya Naya Raipur – 492101, Chhattisgarh, India.

www.kalingauniversity.ac.in