

Lucknow University – Smart India Hackathon- 2022

LU-SIH 2022 -Software & Hardware Edition

University of Lucknow is going to have its own hackathon to have software/hardware solutions of innovative ideas from student teams for common people daily life problems. With an objective to participate in the National Event SIH-2020, University of Lucknow is going to hold an internal Hackathon.

Hackathons are becoming more popular as a technique of surfacing and prototyping unique and creative product ideas. If correctly planned, hackathons can achieve several objectives. The hackathon, often known as a hack day or hack fest, originated in the open source community. The OpenBSD Hackathon, held on June 4, 1999 in Calgary, Canada, was the first hackathon. Hackathons bring together people with technical backgrounds to create teams in order to solve an issue or come up with fresh ideas. Hackathons are sometimes held to achieve a specific purpose, but they are more typically used by companies to pursue employee-driven, out-of-the-box ideas in a low-risk setting.

Participants can use hackathons to enhance their IT abilities, meet new people, and collaborate with others in their area. Corporate hackathons encourage employees to think outside the box, create teamwork, and provide possibilities for cross-departmental collaboration.

A hackathon, is a code fest, or a social coding event that brings computer programmers and other interested people together to improve upon or build a new software program. The motive is to have the best of the ideas and its implementors can participate and win. The internal Hackathon is open for University and College Students in the form of the teams. The purpose of the internal hackathon is to select 10 best teams from the participating teams that can further participate in SIH-2020 with their ideas and Solution. The problem statements can be chosen from the existing SIH-2022 problem statements under given themes. The Event is open for such students also who are willing to work on some novel idea and willing its solutions. The problem statements along with its solutions will be presented by the team members in front of the expert jury members.

Themes:

1.	SMART AUTOMATION	2.	FITNESS & SPORTS
3.	HERITAGE & CULTURE	4.	MEDTECH/BIOTECH/ HEALTHTECH
5.	TOYS	6.	SMART VEHICLES
7.	TRANSPORTATION & LOGISTICS	8.	ROBOTICS AND DRONES
9.	CLEAN & GREEN TECHNOLOGY	10.	TOURISM
11.	RENEWABLE/ SUSTAINABLE ENERGY	12.	BLOCKCHAIN & CYBERSECURITY
13.	SMART EDUCATION	14.	DISASTER MANAGEMENT
15.	AGRICULTURE, FOODTECH & RURAL	16.	MISCELLANEOUS like Hospitality,

	DEVELOPMENT		Financial Services, Entertainment and Retail.
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Rules for participation:

1. Any Student group of the University OR affiliated college.
2. The Teams should be registered before due date of registration.
3. After selecting a problem statement the students can register by filling the registration page.

Rules for creating teams: (to be strictly followed)

- Each team must mandatorily comprise of 6 members including a team leader.
- Each team must have at least one female member.
- The winning teams of this internal hackathon will be nominated to represent the University of Lucknow for the Smart India Hackathon - 2022.
- The problem statements for the hackathon is to be taken ONLY from <https://sih.gov.in/sih2022PS> OR any novel idea related to real life situation Validity of the idea is checked by the Jury members.

Important Dates:

Last date of Registering Teams: 08/04/2022

Link for Registration:

<https://forms.gle/U9EArnJ8T3TArHob8>

Idea implementation & presentation i.e. Hackathon Date: 12/04/2022

Timing: 11.00 am -5.00 pm

Contact Persons:

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