

IEEE WIE SOCIAL HACKATHON LEAGUE 2022

WIE SHall overcome...

Registration open till 1st October, 2022



Selected teams for
Contest 3 can avail up to
INR 5000 for development
of their prototypes*

*Conditions apply

Themes



Education



Agriculture



Sustainable Development



Smart Healthcare

Win EXCITING PRIZES & AICTE ACTIVITY POINTS

Participation Criteria:

- Group of 4 (with at least one girl in the team)

Who can participate?

- Open to all branches of Engineering (BTech, MTech. BCA, MCA students)

Seriousness Fees in INR :

- Contest 1 & 2 (Non - IEEE - 200) | (IEEE - 100)
- Contest 3 (Non - IEEE - 500) | (IEEE - 250)

All contests open to all years

Contest

Contest 1 - **Problem Scoping**

Contest 2 - **Ideation**

Contest 3 - **Project Implementation & Showcase**

Register Now

<https://in.explara.com/e/wie-hackathon>

**Registration open only
for contests 1 & 2**

IEEE WIE SOCIAL HACKATHON 2022

ABOUT THE IEEE WIE SOCIAL HACKATHON

The IEEE – WIE Bangalore section is conducting this event in partnership with IEEE Bangalore Section, Power Electronics Society, SIGHT, Sensors Council, PES, Computational Intelligence, Education Society, TEMS. This project-based learning approach will help engineering students to get hands-on learning experience and will also help them earn activity points at various stages of the project. Come participate and grab this great opportunity to collaborate, brainstorm, ideate and create solutions for challenging problems with Impact to Humanity.

Hackathon problem Theme / Focus areas

- A.Smart Farming
- B.Education
- C.Sustainable Development - Urban
- D.Smarter Healthcare

Examples:

- Crop cycle predictions
- Smart water management for irrigation
- Telecommunication applications for farmers
- Access to education for specially-abled students
- Developing interactive bot for connecting citizens with govt agencies for grievance addressal.
- Improving the accuracy of estimating Greenhouse gas emissions.
- Analysing carbon footprint of goods delivery services.
- Waste management in cities.
- Creative solutions to aid the elderly.
- Identifying and proposing aids for children/adults with special needs
- Interactive applications to support personalized health care

Hackathon Phases & timelines:

Contest 1 Problem Scoping

- Teams are expected to research and identify problems in any one of the focus areas.
- Teams must conduct and compile user interviews to define the problem.
- To be conducted as league events at Individual Ous - / Student Branches.

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Contest 2 Ideation

- Teams should arrive with a proposal for a problem defined in Contest 1.
- The proposal must outline
 - How the problem would be addressed?
 - The tools required, intermediate review milestones and
 - The budget to implement the solution.
- Proposals from Contest 2 will be evaluated and shortlisted for contest 3 the implementation phase.

Contest 3 Implementation & Showcase

- Selected teams will be provided up to Rupees 5000 for implementing the proposal.
- Students will be assigned two mentors one from academia and a subject matter expert from industry.
- Teams will get an opportunity to showcase their completed projects.
- On successful completion of the requirements in each phase, students will receive AICTE activity points and Certificates as summarised in the table below.

Contest	Description	Timelines	Expected Outcome	Deliverables on Completion
1	Problem Scoping – Identify the problem in the given focus areas.	15th Aug – 31 Aug'22	<ul style="list-style-type: none"> • Poster • Problem Presentation 	Participation certificate AICTE Activity Points: 5
2	Ideation Identify the problem from CMT database	1st – 15 Oct'22	<ul style="list-style-type: none"> • Abstract • Tools that could be used • Breakup of the timeline in terms of tasks to be achieved every 2 weeks. • Budget 	Shortlisted projects will receive Prizes. Certificate AICTE Activity Points: 5
3	Implementation	16th Oct– 15 Nov'22	<ul style="list-style-type: none"> • Showcase the completed Project 	AICTE activity Points

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