Energy Champ-Thon Hackathon

A. Background:

MNIT Innovation Incubation Centre (MIIC) Jaipur, in association with **Jayshree Periwal Global School** is organizing the *Energy Champ-Thon Hackathon,* an energy efficiency Hackathon open for all schools students PAN Rajasthan, providing a platform to solve some of the pressing problems we face in our modern society about energy efficiency. Energy efficiency is a vital component in achieving net-zero emissions of carbon dioxide through decarbonization. Energy Champ-Thon Hackathon inculcates a culture of product innovation and a mindset of problem solving. The basic approach of the event is to promote *out-of-the-box* thinking in young minds of school students.

B. Theme for MIIC- RREC Energy Champ-Thon Hackathon: "Energy Efficiency"

With the growth of the economy, the demand for energy has grown substantially. Further, the high level of energy intensity in some of the sectors is a matter of concern. Energy efficiency is a national concern and we must join hands to make all efforts in making India an energy efficient economy to remain competitive in national as well as international markets.

Under the *Energy Efficiency* theme, solutions to the problems pertaining to the following sub-themes may be submitted:

1. *Industry:* Minimize energy cost/waste without affecting production and quality.
2. *Transportation:* Energy efficient methods and mechanisms for passenger and freight transportation.
3. *Domestic Appliances:* Use of energy efficient appliances/ equipment/ technologies that are less energy intensive to use the amount of electricity.
4. *Building Envelope & Lighting:* Facade system, artificial lighting for energy efficiency and sustainability.
5. *Air Conditioning:* HVAC energy conservation.
6. *Renewable Energy:* Energy produced from sources that are renewed by nature such as wind, solar, biomass and hydropower.
7. *Miscellaneous*

C. Events and details

➢ No entry fee.
➢ Age Group: Grade 9-12.
➢ Team Size: Minimum 2 and maximum 4 participants.
➢ Total Number of Teams: Maximum 40 teams (on first come first serve basis)
➢ This competition will be conducted in 4 rounds in the following order.

- **IMPORTANT DATES**
  ➢ Last date to fill the Google form and register https://forms.gle/i2LWBYFKtiUjrWv18 : 11th October 2022
  ➢ A school may send a maximum of 3 entries.
  ➢ All teams will be notified on their official mail ID.

- Round 1: MAKE A PITCH
  ➢ All 40 teams will project their ideas to the judges.
  ➢ *Date:* 13th October 2022
  ➢ *Reporting Time:* 8:30am
  ➢ *Venue:* Jayshree Periwal Global School, Sector-36, NRI Rd, behind VIT campus, V I T Campus, Jagatpura, Seesyawas, Rajasthan 303012
  ➢ *Dress Code:* School Uniform
  ➢ *Time Limit:* 5 minutes(teams will be given 3 minutes to present their ideas and 2 minutes will be a Q&A round by the judges.)
  ➢ *Team Selection:* Total of 12 teams will be shortlisted at the end of the 2nd round.

- Round 2: MENTORING ROUND
  ➢ *Date:* 17th and 18th October 2022
  ➢ *Mode:* Online (details would be shared with the shortlisted teams via mail)
  ➢ All teams will be assigned mentors who will guide them for their ideas.

- ROUND 3: FINALS
  All 12 teams will present the post mentoring redesigned ideas before the judges.
  ➢ *Date:* 19th October 2022
  ➢ *Venue:* MNIT Campus
  ➢ *Time:* Will be shared later.

D. Prizes and Benefits

➢ Prizes upto Rs. 100,000 to be won by winner, runner up and first runner up.
➢ Free Co-working space at MNIT Innovation and Incubation Centre, Jaipur.
➢ Mentoring and Prototype Support
➢ Selection in the Pre-incubation program of MIIC

E. General Info

- All ideas must be presented and submitted in English/Hindi.
- In case of software applications, the front end can be in Hindi or English.
- The content of your idea and any supporting material must be acceptable for all viewing audiences.
- MIIC will automatically disqualify any participant or team that submit an entry or supporting material that contain data, code, text, sound or images that MIIC, in its sole opinion and for any reason, believe to be malicious, illegal, vulgar, offensive, plagiarised or inappropriate for public viewing, or that presents MIIC in a negative light.
- By registering in the Energy Champ-Thon Hackathon, you represent that you, your team and the entry submitted complies with these official rules:
- The entirety of the idea is your/your team's original work.
- Your pitch or the demo submitted is solely your or your team's work.
- You/your team has obtained any and all consents, approvals or licenses required for you to submit your idea and that it will not violate any law or rights.
- Your solution need not be necessarily developed entirely during the Energy Champ-Thon duration.
- You may use open source; web of science, Scopusjournal database and other freely available systems/services such as Google Maps, Facebook connect, Twitter feeds etc or publicly available commercial libraries.
- **By participating in the Energy Champ-Thon Hackathon, you agree to all above terms and conditions.**
- Shortlisted teams will have to sign a consent agreement for abiding with the same. The entire idea need not be fully implemented at the time of initial submission.
- All teams shall be updated later about the next phase by 12th October 2022.

For the final presentation (on 13th October 2022) we are looking only for the idea and its solution.This may be presented as a working model, picture, poster, video or PPT.

F. Submissions:

- All submissions must meet the following general conditions:

- Incomplete or indecipherable entries will be deemed invalid and disqualified.

- All submission materials can be presented and/or submitted in the English/Hindi language unless otherwise specified.

- Your team is required to make a demo presentation of your pitch or application during the judging of the Competition which will be held offline on 19th October 2022 All the ideas submitted during this Energy Champ-Thon Hackathon will be made available to the jury members.

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G. Notifications

➢ All notifications we attempt to make to you/your team are subject to the following conditions: If you/your team is shortlisted for the next round, you will be asked to present your complete POC to respective mentors on a time which will be specified later in advance.

➢ All correspondence related to various rounds shall be done on your registered Email ID/ mobile number.

➢ If the notification that we send is returned undeliverable, or you are otherwise unreachable, we may disqualify your team and extend an invitation to the next highest-scoring entrant.

H. Important Note

➢ The decision of the Organizers on all matters relating to Energy Champ-ThonHackathon, including the eligibility of Participants and the selection of the winners, is final and no correspondence will be entertained in this regard.

➢ The Organizers reserve the right to amend the Conditions of Participation at any time at its absolute discretion without any further notice, including but not limited to the eligibility terms and criteria, the selection of winners, the timing of any act to be done and all Participants to this Energy Champ-Thon Hackathon shall be bound by these amendments. All changes will be posted on appropriate channels.

I. Intellectual Property

➢ The ideator/ideators/developer/developers of the application/product will have all rights and own the IP.

J. Contact Persons:

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