



IEEE IA/IE/PES
Jt. Chapter Kerala



MedHACK

2020

What is MedHack 2020?

IEEE IA/IE/PELS Jt. Chapter Kerala introduces MedHACK 2020 - a 24-hour online national hackathon for bringing out the best of solutions from Students on the problems faced in the field of the healthcare industry. This hackathon is a design sprint-like event in which students (undergraduates and graduates) of a group of four members collaborate intensively on Design Prototypes. A working product needs to be developed before the hackathon is over, deploying appropriate software or hardware. Programming language, operating system, and API used are normally specific to the event. Bringing out the best innovators among students is the primary goal. They are creative, persistent, and resourceful, viewing every problem as an opportunity. Individuals form teams of four, brainstorm together, generate at least a proof-of-concept prototype product within 24 hours. To assist the hackers throughout the event mentors will be provided who will help with refining the ideas of fellow mentees. This hackathon aims at productizing high impact innovations better than existing alternatives, relevant to the local context, simple, easily tested, and visible to others. There are three stages in the event - Abstract submission, mentorship, and presentation of the project. The main feature of this event is building up a prototype within 24 hours related to the theme of the hackathon. The winners will be provided with E-certificates and internship information.

Theme :-

“Advancing Technology for Public Health during pandemics”

Stages

Stage 1: Abstract Submission

- The group must submit the abstraction within 2 hour after commencement of inauguration.
- Teams will be monitored through each stage and evaluation of final score will also depend on performance of each stage.

Stage 2: Mentorship with Experts

- The team members can get advice from industry experts.

Stage 3: - Presentation of Project

- Teams have to present their project live in front of the jury panel.
- Teams will be allotted a 15 minutes time slot.
- 5 minutes: PowerPoint Presentation (Maximum 5 Slides)
- 5 minutes: Live Demo of Project
- 5 minutes: Discussion with the jury panel
- All Team Members must present in the Final Evaluation Round.

Submission:

Timeline:

- Hackathon Start Date: **7th August 2020 17:00 IST**
- Hacking Begins: **7h August 2020 18:00 IST**
- Expert Interaction Round: **7th July 2020 20:00 IST to 7th July 2020 20:30 IST & 8th July 9:00 to 8th July 2020 20:30 IST**
- Hacking Ends: **9th July 2020 18:00 IST**
- Final Evaluation Round Submission: **9th July 2020 18:00 IST to 9th July 2020 18:30 IST**
- Final Evaluation Round: **9th July 2020 18:00 IST to 10th July 2020 21:00 IST**
- Hackathon Ending Date: **9th July 2020 21:00 IST**
- Result Declaration: **10th July 2020(Closing Ceremony)**

- Key Points:

- Certificates will be distributed within 14 days

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