HackMSIT 2019

Overview:

IOSD MSIT brings MSIT's most awaited and fun-filled hackathon. With participation from colleges all across Delhi and developers divergent to different frameworks and languages, this Hackathon is not only about competition but about witnessing a whole new level of ideas and creativity. The word "Hack" of Hackathon describes how different technologies come together to solve a problem. Teams of up to 4 people will be working on innovative software and hardware solutions to real-world problems.

HackMSIT consist of 3 phases:

1. Phase 1 (30 March to 1 April 2019 | ONLINE): All the registered teams will be notified of the themes on **30th March 2019** and themes will be uploaded here: THEME SHEET. Teams will pick a theme and submit their idea and plan of action to solve a problem in that particular theme.

2. Phase 2 (3 to 4 April 2019 | ONLINE): Selected teams will have to submit their project's code/implementation and a video demonstration of their project.

3. Phase 3 (6 April 2019 | ON VENUE): Selected teams will be mentored for improvements in their projects and will code these changes at the venue (MSIT). After that, pitching will be done, based on which winners of the hackathon will be decided.

IMPORTANT NOTE:

I.   Teams will be required to make a new **GitHub repository** and upload their Idea and Plan of action (**single pdf file**), code and video demonstration of their project on that repository. The uploads will occur phase-wise and the teams will be notified when and where to do the same.

II.   The name of the repository should be : **(team-name)hm19**

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III.   Feel free to contact Ayush (9560287707), in case of any doubts.

PRIZES: INR 30,000 IN PRIZES

Main Prizes

1st Position   Cash prize of 5000 INR

2nd Position   Cash prize of 3500 INR

3rd Position   Cash prize of 1500 INR

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Special Prizes

Participation Certificate and Swags

Certificate and merchandises will be given to Teams selected for
phase 3 of the event.

Rules and Regulations:

Phase 1: Idea & Plan submission

Idea and Plan of action in the first phase of the competition will be selected on the basis of these pointers:

1. Innovation
2. The scope and scalability of the idea
3. Future use
4. Feasibility

Phase 2: Code submission

Code/Project's implementation in the second phase of the competition will be selected on the basis of these pointers:

1. The degree of implementationof idea into live/workable projects/prototypes.

2. Ease of code implementation, deployment, understandability among other relevant factors will be considered.
3. Level of innovation will be based on the use of the latest technology in that particular domain. Use of outdated syntax, structure, and framework will be considered as negatives of the project and the converse will be positive.
4. Scalability of the code or project's implementation, future user base, future upgradations among other relevant factors will be considered.

Phase 3: On Venue Improvement and Pitching

Winners of the competition will be selected on the basis of these pointers:

1. Improvements (notified during on venue mentoring session) achieved in the projects.
2. Overall project's (final one) usability, feasibility, innovation, scalability. 3. Pitching.

TERMS AND CONDITIONS:

If the selected team fail to meet the below-mentioned terms or any other conditions herein, the team will be disqualified.

1. Disqualification Criteria: Any person taking part or attempting to do so in the Hackathon through unfair and illegal

means (e.g., computer piracy, failure to declare prior intellectual property) will be automatically disqualified.

2. Competition operation: In the event of any attempt towards the violation of civil and criminal law, the Organizers reserve the right to reject the participant's entries and take legal action.

3. Acceptance of prizes: prizes must be accepted as described on the website and under any circumstances cannot be transferred in whole or in part to another team, replaced by another prize or redeemed for cash, subject to the discretion of the Organizers.

4. Limitation of liability - Inability to act : The Organizers shall assume no liability whatsoever for any situation in which their inability to act on results from an event or situation beyond their control, or a strike, lockout or any other labor dispute in the places of business of the Hackathon's organizations or partners.

5. Limitation of liability – Hackathon participation : By participating in the Hackathon, or attempting to do so, participants agree not to hold liable the hackathon organizers or partners for any damages that may result from entering or attempting to enter the Hackathon.

6. Publicity: By accepting the prize, winners authorize the Organizers and partners to use if required, their name, photo, likeness, and voice for publicity purposes without any form of compensation.

7. Personal information: All personal information obtained from eligible participants will be used for Hackathon administration purposes only.

8. Decisions: All persons who enter the Hackathon agree to the final decisions by the Organizers administering the Hackathon.

Frequently Asked Questions (FAQs):

1. **What is a Hackathon?**
   A Hackathon is an intense event that brings together developers along with industry experts and professionals to identify issues and create software and/or hardware solutions, usually within a weekend.

2. **Is there a register for the Hackathon?**
   No, there is no registration/participation fee for HackMSIT 2019.

3. **Do I need to have any specific qualifications to be a participant for the Hackathon?**
   If you love to code or build projects to solve real life problems, you are more than welcome to participate in the Hackathon.

4. **Who can participate?**
   This is a student hackathon and only students can participate, irrespective of school, university or college.

5. **What is the team size allowed?**
   You can participate as an individual or a team size of a maximum of 4 members.

6. **What about the refreshments and Wi-Fi?**
   Teams selected for **Phase 3** will be provided **free lunch** and internet connection on the venue for improving their projects. However, it's always a good idea to be on your own.

7. **Is there anything that I must carry?**
   All membersof the teams selected for **Phase 3** must bring a valid student ID card.

8. **What are the themes to work on?**
   Themes will be revealed in the following sheet on 30th March 2019 and registered teams will be notified about the same. THEME SHEET

9. **How do we have to submit our idea/plan/code/project demonstration video?**   You must register for the hackathon. Then you will be required to make a new GitHub repository and upload Idea and Plan of action (single **pdf file**), code and video demonstration of the project on that repository. The uploads will occur phase-wise and the teams will be notified when and where to do the same.

10. **Is idea and Plan of action to be submitted as single pdf file?**
    Yes

11. **Do we need to have the entire idea fully working?**
    The entire idea need not be fully implemented however; you should mention what objectives you will able to achieve in the final project and mention it in your Idea, Plan of Action pdf file.

12. **Will I be provided the hardware components?**
    No.

13. **Does one have to be online and available for the entire duration of the Hackathon?**
    No, one does not need to be logged in on HackerEarth or be online for the entire duration.

14. **Since there is no specific technology mentioned, are there any restrictions on using a number of pre-built libraries?**
    There is no restriction to use any language, technology stack, libraries or hardware tools. You can use any of them.

15. **When/ where will the shortlisted ideas be announced?**
    The shortlisted participants would receive emails and phone calls.

16. **What are the criteria of selection?**
    Your idea and project will be judged on the usability, feasibility, scalability, innovation, implementation and presentation. The detailed judging criterion is mentioned in the **Rules** section.

17. **Do I need to give a demo for the product that I have built?**
    Yes you will be required to submit a **video demonstration** of your project in **Phase 2** of the hackathon.

18. **If it is a team submission, does that mean all team members will have access to work at the same time?**
    Yes, all team members can log in from their account and do application submission on HackerEarth.

19. **Do we get any certificate for participation?**
    Yes, all the participants will be given an e-certificate for participation.

20. **Who will own the IP (Intellectual Property) Rights to the product that I have built?**
    The developer/developers of the project will have all rights and own the IP of the product. However, all code needs to be in the public domain (open source) so that it can be evaluated by the judges.

21. **I don't find my question listed here. What can I do?**
    You can head to our discussion section and post your query there. You can also contact Ayush (9560287707), in case of any doubts.