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Maharaja Agrasen Institute of Technology
Agrasen Chowk, Sector-22, Rohini, New Delhi

Powered By: 

 **HackwithMAIT 4.0**
22-23 November, 2023



Organised By:

Department of Computer Science and Engineering
in
Collaboration
with
Department of Computer Science and Technology

Program Chair

Prof. Namita Gupta

HoD, CSE Department

Program Co-Chair

Dr. Pooja Gupta

HoD, CST Department

Convener

Ms. Kavita Saxena

Assistant Professor
CSE Department

Mr. Anupam Kumar

Assistant Professor
CSE Department

VENUE

Department of Computer Science & Engineering
Maharaja Agrasen Institute of Technology,
PSP Area, Sector-22, Rohini,
New Delhi – 110086,
Tel. : 8448186937, Fax : +91-11-27582095
Email : mait@mait.ac.in

Registration

Registration of participants is to be done using the following link:

<https://hackwithmait4.devfolio.co>



Prizes

Sponsored Tracks

- **Blockchain** (Tezos) - Rs. 41,631.25
- **Android Dev/ Mongo DB** (Monkhood living) - Rs. 25,000
- **Cloud Computing** (Prismberry) - Rs. 25,000
- **Crypto Mining** (Afreebug) - Rs. 50,000
- **Replit** - Rs. 4,163
- **Polygon**
 - Polygon+Ethereum - Rs. 16,649.40
 - Ethereum - Rs. 12,491.735

Innovative Tracks

- 1st Prize - Rs.12,000
- 2nd Prize - Rs.8,000
- 3rd Prize - Rs.5,000

Contact Details

Ansh Goyal: +91 95828 21205

Nawed Ali: +91 72502 97869

Khundmeer Siddiq: +91 78381 45619

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Maharaja Agrasen Institute of Technology



About the Institute

Maharaja Agrasen Institute of Technology an ISO 9001:2015 certified Institute , was established in 1999 by Maharaja Agrasen Technical Education Society promoted by a group of well-known Industrialists, Businessman, Professionals and Philanthropists with an aim to promote quality education in the field of Technology and Management. Since then, MAIT has grown from strength to strength to emerge as one of the top technical institutes among the private Institutes with three NBA accredited Programmes (CSE, ECE and MAE).

About CSE/CST Department

Department of CSE & CST commits to work towards developing Engineers with a rich blend of competent, technical, managerial and social skills and contribute to nation building.Department places emphasis on all the important aspects of computers such as Computer Networks, Mobile Communication, Algorithm Design, Operating System, Advance Database Systems, Theory of Computation , Computer Graphics and many more. Department takes the initiative to improve the soft skills, analytical capabilities and verbal communication of the students so that they can face the competition in the corporate world confidently.

HackWithMAIT 1.0

The pandemic has unconditionally changed the world as one knew it. Consequentially, it has propelled institutions to employ innovative ways to foster the spirit of learning and growth.In one such incident, Maharaja Agrasen Institute of technology in association with IEEE, MAIT, successfully organized Hackwith-MAIT, a 24-hour virtual hackathon on 4-5th December, 2020. Contributing to Hack-with-MAIT’s aim to revolutionize leaning were over 297 students and submitted by them were 75 different ideas to combat the complexities we face in the fields of education, healthcare, security and surveillance, agriculture, pollution and smart cities.

HackWithMAIT 2.0

HackwithMAIT 2.0, a 24-hour virtual hackathon was organised on 26th and 27th October, 2021.Over 34 different ideas were submitted in six different tracks of Education, Healthcare, Security And Surveillance, Agriculture, Pollution, Smart Cities.

HackWithMAIT 3.0

HackwithMAIT 3.0, a 24-hour hackathon was organised on 22nd and 23rd December,2022. Over 375 students from 19 colleges participated in the hackathon . Out of 85 submitted ideas in six different tracks, 40 were shortlisted, and 10 teams pitched their ideas to judges. IEEE ComSoc Delhi chapter, Tplus, Coincent, Wolfram Language, and MADAboutSPORTS sponsored the competition.

Objective of HackWithMAIT 4.0

It aims to provide students of Higher Education Institutions a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem-solving. This is a tool to drive sustained innovation and crowd source solutions to address real life problems and social issues. Thus we can inculcate a culture of product innovation and mindset of problem solving into the aspiring student community.

Tracks

Innovative

- Communication and Networking
- Web3
- HealthCare
- FinTech
- EdTech
- Open Innovation

Sponsored

- Block Chain
- Crypto Mining
- Cloud Computing
- Android Dev / MongoDB
- Polygon + Ethereum
- Ethereum
- Replit

Hackathon Rules

- 1.HackwithMAIT 4.0 is scheduled on 22-23, November, 2023.
- 2.The responsibility of the components and the materials required for developing the prototype during the Hackathon lies solely on the participating teams.
- 3.The entire idea need not be fully implemented however, the submission should be functional so that it can be reviewed by the judges.
- 4.Entire team members should be present at the time of each qualifying round of the Hackathon.
- 5.It is mandatory for all the participants to be present at the time of inauguration and valedictory session, failing which they will be disqualified from the Hackathon.
- 6.All the participants have to reach the venue 15 min before the time.
- 7.Its mandatory for each participant to carry College ID card for the hackathon.
- 8.Teams can use libraries, frameworks, or open-source code in their projects.
- 9.The developer/developers of the solution will have all rights and own the IP of the product. However, all code needs to be in public domain (open source) so that it can be evaluated by the judges.
- 10.Each round will be an eliminator round in HackwithMAIT 4.0.
- 11.Teams can be disqualified from the competition at the organizers' discretion. Reasons might include but are not limited to breaking the Competition Rules, breaking the Code of Conduct, or other unsporting behavior.
- 12.Your code repository must be initialized at the beginning of Hackathon itself.
- 13.You can use resources such as Stack Overflow and GitHub.
- 14.In general, internet resources are allowed. However, direct plagiarism of ideas/code is not allowed.
- 15.There is no restriction on the programming languages and platforms used to develop the product.

Schedule

DAY 1	
Time	Events
10.00 AM	INAUGURATION
10.15 AM	LIGHTING OF LAMP
10.20 AM	GLIMPSES OF HackwithMAIT 4.0
10.25 AM	ADDRESS BY IEEE COMSOC
10:35 AM	TALK BY SPEAKER FROM QUINE
11.30 AM	VOTE OF THANKS
11:40 AM	ROUND 1 BEGINS

DAY 2	
Time	Events
09.30 AM	ROUND 2 BEGINS
01.00 PM	FINAL ROUND
03.30 PM	VALEDICTORY CEREMONY
03.45 PM	RESULT DECLARATION
04.00 PM	PRESENTATION BY THE WINNERS
04.20 PM	CERTIFICATE DISTRIBUTION CEREMONY
04.35 PM	VOTE OF THANKS

Co Convener

Dr. Sudha Narang (Assoc. Prof, CSE)
Mr. Ajay Tiwari (Asst. Prof, CSE)
Ms. Ruchi Goel (Asst. Prof, CSE)
Ms. Zameer Fatima (Asst. Prof, CSE)
Ms. Deepti Gupta (Asst. Prof, CSE)
Dr. Farzil Kidwai (Asst. Prof, CSE)

Student Heads

Khundmeer Siddiq (4th Year - CSE)
Nawed Ali (4th Year - CSE)
Arpit Goyal (4th Year - CSE)
Harsh Rajput (4th Year - CSE)
Ansh Goyal (3rd Year - CSE)
Manya (3rd Year - CSE)
Sarthak Mittal (3rd Year - CSE)
Apurba Koley (3rd Year - CSE)
Shreyam Jain (3rd Year - CSE)
Vivek Kaushal (3rd Year - CSE)

Student Coordinators

Saksham Singh (3rd Year - CSE)
Shreya Rathi (3rd Year - CSE)
Khushi Kataria (3rd Year - CSE)
Dipen Kalsi (3rd Year - CST)
Gaurika Gupta (3rd Year - CST)
Raghav Aggarwal (3rd Year - CST)
Aadarsh Singh Visen (3rd Year - ECE)
Devank Sachdeva (3rd Year - CSE)
Rudram Maan (3rd Year - CSE)
Devansh Ahuja (3rd Year - CSE)
Janvi Guliyan (3rd Year - CST)
Aryan Mathur (3rd Year - CST)
Himanshi Jain (2nd Year - CSE)
Kajal Kansal (2nd Year - CSE)
Tanishq sagar (2nd Year - CSE)
Yajjur Malhotra (2nd Year - CSE)
Yuvraj Dhingra (2nd Year - CSE)
Ishi Gupta (2nd Year - CSE)
Mudit Jain (2nd Year - CSE)
Saksham (2nd Year - CSE)
Aman (2nd Year - CSE)
Rohit Goel (2nd Year - CSE)
Aviral jain (2nd Year - CSE)
Gautam Kumar Jha (2nd Year - CSE)
Ujjwal Gupta (2nd Year - CSE)
Subhasish Panda (2nd Year - CSE)
Prabhnoor Singh (2nd Year - CSE)

Faculty Coordinators

Dr. Himanshu Khanna (Assoc. Prof, CST)
Dr. Navneet Yadav (Assoc. Prof, CST)
Ms. Garima Gupta (Asst. Prof, CSE)
Ms. Neetu Garg (Asst. Prof, CSE)
Mr. Moolchand Sharma (Asst. Prof, CSE)
Ms. Karuna Middha (Asst. Prof, CSE)
Dr. Ankita Gupta (Asst. Prof, CSE)
Ms. Sakshi Jha (Asst. Prof, CSE)
Ms. Kajol (Asst. Prof, CSE)
Mr. Priyank Saxena (Asst. Prof, CST)