SEMINAR REPORT

A seminar on **'How to Break into Data Science & AI Research'** was conducted under the guidance of IT department of Maharaja Surajmal Institute of Technology, by the students who have achieved full time job and internships offers in the field of Machine Learning, Data Science and AI.

The session took place on 5th March, 2022 at 10:00 AM at Seminar Hall 06. The speakers of the seminar were Harshita Chopra and Aniket Vashishth who are Fourth year students at Maharaja

Surajmal Institute of Technology of IT department. Harshita has secured full time offer from Adobe Research and also a current research intern at Adobe Research. Aniket has been offered with full time role at ZS Associates and also a current research intern at Microsoft Research.

As the session started, both the speakers introduced themselves and also told about their college journey till now in brief. Then they told about how they got into ML, AI and explained step by step on how a student can start with these fields, what resources and courses they should follow first. Both the speakers gave their views on project work related to ML & AI. The speakers also told about the different internship opportunities and how they made the best out of their internships

The speakers also gave their tips on how to prepare for the interviews and shared the path they followed. They emphasized on learning and exploring about Python, Machine Learning, Data Structures and Algorithms. They Also told about how students should use LinkedIn or some other platforms to build good networking which would help students to get referrals. They shared their overall experiences and tried to cover the doubts of each and every attendee.

At the end of the session, students were allowed to discuss their doubts and asked their individual queries. The speakers answered them one by one. It was an amazing session as students got a clearer understanding of what path they need to follow and got to know about amazing opportunities which they earlier didn’t know. They got the inspiration and motivation to apply for any opportunity that comes ahead. The speakers were really friendly and helpful, they even asked students to contact them personally in case of any queries or doubts.

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Here is a list of some of the important questions which were answered during the session:

- How to apply for scholarships and how to prepare for them?
- Which Courses and Resources Should be followed?
- How to prepare for Coding rounds?
- How to choose projects for summer training, self-learning and what projects to mention on a resume?
- How to practice programming for interviews? Or Which platforms to prefer for practice?
- How to approach big tech companies?
- What are the skill sets required to get an internship?
- How to present yourself in front of the interviewer?
- What to do when you face failures?
- How to build a good Network and how to approach Researchers, HRs and other people in an organization?

Moreover, the speakers also shared some resources to learn all major topics that are frequently asked in interviews. They also shared important tips on how to make the max out of every opportunity and what things to be taken care of while studying.

We are really thankful to all the speakers for coming to the session and sharing their experience and insights on preparation for placements in top tech companies. Also, a big thanks to **Dr. Anupama Kaushik**, **Mrs. Sonika Malik** and **Mr. Akshay Singh** for making all the necessary arrangements in time to make this seminar a huge success.