



DEPARTMENT OF ENGINEERING MATHEMATICS & COMPUTING

Ref: MAC/2025/ Introduction to Competitive Programming

Date: 07/02/2025

Report

An event “Introduction to Competitive Programming” is organized by the Department of Engineering Mathematics and Computing for First Year MAC students (2024 Admitted Batch).

The details of the events are as follows:

Name of the Event	:	Introduction to Competitive Programming
Date	:	3 rd February, 2025
Time:	:	02:00 PM - 04:00 PM
Venue	:	SH-09, SH-10 and Room No. 102, MITS-DU
Attendees	:	101

Objective of the Event:

- **Introduction to Competitive Programming (CP):** To provide a basic understanding of what competitive programming is, its importance, and its real-world applications.
- **Motivation to Pursue CP:** To help participants understand why engaging in CP is valuable, including the cognitive and professional benefits.
- **Understanding CP Ratings:** To explain how CP ratings work, the rating system in platforms like Codeforces, and how participants can improve their ratings over time.
- **Building Problem-Solving Skills:** To explore how CP helps in improving problem-solving abilities and logical thinking, essential skills for various competitive exams and job interviews.
- **Introduction to CP Platforms:** To familiarize participants with popular competitive programming platforms (like Codeforces, AtCoder, and CodeChef) and guide them on how to use these platforms effectively.
- **ACM ICPC Overview:** To introduce ACM ICPC as a prestigious global contest and explain how participants can prepare for and take part in it.



माधव प्रौद्योगिकी एवं विज्ञान संस्थान, ग्वालियर (म.प्र.), भारत
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (M.P.), INDIA

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Glimpses of the Event

Room: SH-9





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Room: SH-09





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Attendance Sheet

The event was organised in three classrooms: SH-09 and SH-10. The individual attendance sheet of each classroom is listed below:

Attendance of SH-09

Department of Engineering Mathematics & Computing Attendance Sheet (SH-09)			
No.	Name of Students	Enrollment No.	Signature
1	Usha Jais	BTMC2401058	
2	Sahika Prasad	BTMC2401059	
3	Shivani Nigam	BTMC2401077	
4	Harshit Kumar	BTMC2401074	
5	Harshit Kumar	BTMC2401053	
6	Anshu Gupta	BTMC2401057	
7	Anshu Kumar	BTMC2401029	
8	Anshu Kumar	BTMC2401027	
9	Anshu Gupta	BTMC2401011	
10	Anshu Jais	BTMC2401012	
11	Kiran Kumar	BTMC2401042	
12	Anshu Kumar	BTMC2401025	
13	Anshu Kumar	BTMC2401027	
14	Anshu Kumar	BTMC2401031	
15	Anshu Kumar	BTMC2401001	
16	Anshu Kumar	BTMC2401057	
17	Karishma Madhu	BTMC2401064	
18	Harshit Kumar	BTMC2401055	
19	Pooja Shukla	BTMC2401032	
20	Harshit Kumar	BTMC2401002	
21	Anshu Kumar	BTMC2401013	
22	Anshu Kumar	BTMC2401028	
23	Anshu Kumar	BTMC2401009	
24	Anshu Kumar	BTMC2401054	
25	Anshu Kumar	BTMC2401020	
26	Anshu Kumar	BTMC2401010	
27	Anshu Kumar	BTMC2401078	
28	Anshu Kumar	BTMC2401026	
29	Anshu Kumar	BTMC2401056	
30	Anshu Kumar	BTMC2401051	
31	Anshu Kumar	BTMC2401023	
32	Anshu Kumar	BTMC2401030	
33	Anshu Kumar	BTMC2401052	
34	Anshu Kumar	BTMC2401067	
35	Anshu Kumar	BTMC2401039	
36	Anshu Kumar	BTMC2401017	
37	Anshu Kumar	BTMC2401041	
38	Anshu Kumar	BTMC2401070	
39	Kavushal Kaurav	BTMC2401066	
40	Madhav Gupta	BTMC2401074	
41	Anshu Kumar	BTMC2401033	
42	Jaydeep Singh	BTMC2401061	
43	Anshu Kumar	BTMC2401000	



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Attendance of SH-09

Department of Engineering Mathematics & Computing		
Attendance of SH-09		
S. No.	Name of Students	Enrolment No.
1	Vandana Kumar	BTMC2401135
2	SONALI CHANDAN	BTMC2401133
3	Parul Agrawal	BTMC2401134
4	Pranika	BTMC2401135
5	Pranika	BTMC2401135
6	Pranika	BTMC2401135
7	Pranika	BTMC2401135
8	Pranika	BTMC2401135
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36	Pranika	BTMC2401135
37	Pranika	BTMC2401135

Organizer Committee

We would like to extend our heartfelt thanks to the following team members of the organising team who played vital roles in making this event a success.

Organising Team:

S. No.	Name	Enrolment Number	Contact Number
1	Ayush Jain	0901MC221026	9479610551
2	Aman Gubrele	0901MC221007	7987708692
3	Shauryan Tiwari	0901MC231063	8236031228
4	Himanshu Shukla	0901MC221038	7489862224
5	Pratyush Dubey	0901MC221055	8878535654
6	Aditya Gour	0901MC221002	6268954419



DEPARTMENT OF ENGINEERING MATHEMATICS & COMPUTING

Outcomes of the Event

- **Improved Understanding of CP:** Students have a clear understanding of what competitive programming is and the benefits of engaging in it.
- **Motivation for CP Engagement:** Attendees is motivated to start practicing CP and develop their skills in the field.
- **Ability to Navigate CP Platforms:** Students is now able to sign up and navigate popular CP platforms like Codeforces, CodeChef, and AtCoder.
- **Enhanced Problem-Solving Mindset:** Attendees recognized the importance of problem-solving in competitive programming and begin applying logical thinking to solve problems.
- **Knowledge of CP Ratings and Ranking:** Participants gain an understanding of the rating system in CP platforms and know how to track and improve their ratings.
- **Roadmap for CP Preparation:** Students have a clear roadmap or strategy to begin practicing CP, with a focus on improving their skills.
- **Exposure to ACM ICPC:** Participants got better understanding of ACM ICPC and how they can participate or prepare for similar contests in the future.

Dr. Atul Kumar Ray
Event Coordinator,
Assistant Professor, MAC

Dr. D. K. Jain
Head of Department
Department of Engineering Mathematics & Computing