

Dr. Ambedkar College, Deekshabhoomi, Nagpur

Department of Mathematics

Aptitude Test 2023-24

Dr. Ambedkar College, Deekshabhoomi, Nagpur

Department of Mathematics

NOTICE

Date: 6th August 2023

Subject: Two Activities - Career Opportunity and Aptitude Test.

The Department of Mathematics is pleased to announce two upcoming activities scheduled for 8th August 2023.

1. Career Opportunity Activity

- **Time:** 11:00 AM to 12:00 PM
- **Venue:** [303]
- **Coordinator:** Dr. Jitesh Tripathi, Head, Department of Mathematics
- **Highlights:** This activity aims to provide B.Sc. Mathematics Major students with insights into various career opportunities, skill development, and job roles related to mathematics. Students will learn about higher education options, competitive exams, and the demand for mathematical skills in the job market.

2. Aptitude Test Activity

- **Time:** 12:00 PM to 1:00 PM
- **Venue:** [303]
- **Coordinator:** Dr. Jitesh Tripathi, Head, Department of Mathematics & Mr. Uttam Matre, Assistant Professor
- **Highlights:** This session will involve student-led teaching on various types of aptitude questions, including quantitative reasoning, logical reasoning, data interpretation, and verbal reasoning. Students will engage in mock tests to enhance their problem-solving skills and prepare for future competitive exams and job interviews.



Principal

(Prof. Dr. B.A. Mehere)

Report on Aptitude Test Activity

The Department of Mathematics at Dr. Ambedkar College, Deekshabhoomi, Nagpur, successfully conducted an **Aptitude Test Activity** on 8th August 2023. This initiative was aimed at enhancing the logical and analytical skills of B.Sc. Mathematics Major students while fostering peer learning. The activity was coordinated by **Dr. Jitesh Tripathi**, Head of the Mathematics Department, and **Mr. Uttam Matre**, Assistant Professor.

Objectives:

The primary objectives of the activity were:

1. To promote peer-to-peer learning where students could teach and share their knowledge with their classmates.
2. To provide a platform for students to enhance their aptitude and problem-solving skills.
3. To create awareness about the importance of aptitude tests in various competitive exams and job interviews.

Program Highlights:

1. Student-Led Sessions on Aptitude Tests:

The activity was designed around a student-led format where students took turns teaching each other about various types of aptitude questions. This peer-to-peer learning approach proved to be highly effective. Students prepared and conducted mock aptitude tests covering topics like quantitative reasoning, logical reasoning, data interpretation, and verbal reasoning. These sessions helped students practice the skills required for competitive exams and job placements.

2. Types of Aptitude Questions Discussed:

- **Quantitative Reasoning:** Problems related to percentages, ratios, algebra, and basic arithmetic were discussed.
- **Logical Reasoning:** Questions involving puzzles, seating arrangements, syllogisms, and logical conclusions were solved collectively.
- **Data Interpretation:** Students practiced reading and analysing data from charts, graphs, and tables.
- **Verbal Reasoning:** Comprehension passages, vocabulary questions, and analogies were also covered.

3. Interactive Learning:

The activity provided an interactive and collaborative environment where students learned from each other's explanations and methodologies. It allowed students to identify their strengths and weaknesses in different areas of aptitude and provided them with a space to ask questions and seek clarifications.

4. Outcome:

The Aptitude Test Activity was a great success, equipping students with essential skills and confidence needed for various aptitude-based examinations. The interactive sessions not only enhanced their problem-solving abilities but also prepared them for future competitive exams. The activity successfully created an engaging learning atmosphere, encouraging students to be more proactive in their studies and future career planning.

Conclusion:

Dr. Jitesh Tripathi expressed his satisfaction with the active participation of students and the dedication shown by Mr. Uttam Matre in conducting the sessions. This activity is a valuable addition to the department's curriculum, as it enhances students' aptitude skills, making them better prepared for their professional and academic journeys.

The Department of Mathematics plans to organize more such activities in the future, focusing on skill enhancement and career readiness.

