

TWO DAY WORKSHOP ON SOME BASIC FEATURES OF ANALYSIS

Organized by : Department of Mathematics, M.B. Government Post Graduate College Haldwani (As a part of MoU between M.B.G.P.G. College and Maitreyi College, University of Delhi)

Duration: January 05–06, 2026

Venue: Department of Mathematics, M.B. Government Post Graduate College

Convenor of the event: Dr. Narendra Kumar Singh, Department of Mathematics, M.B.G.P.G. College

Resource Persons: Dr. Neelima Ohri, Assistant Professor, Department of Mathematics, Maitreyi College and Mr. Saurav Kumar, Assistant Professor, Department of Mathematics, Maitreyi College

Report: The Department of Mathematics, M.B. Government Post Graduate College, successfully organized a two-day workshop from **05 January to 06 January, 2026** with the objective of strengthening students' problem-solving skills and preparing them for the prestigious Madhava Mathematics Competition. The workshop was conducted under the **Memorandum of Understanding (MoU) between M.B. Government Post Graduate College and Maitreyi College, University of Delhi.**

The primary aim of the workshop was to bridge the gap between theoretical knowledge and practical application, while nurturing analytical thinking and confidence among students. The program was enriched by the presence of the resource persons, **Dr. Neelima Ohri**, Assistant Professor, Department of Mathematics, Maitreyi College, and **Mr. Saurav Kumar**, Assistant Professor, Department of Mathematics, Maitreyi College.

The workshop commenced on 05 January 2026 with an inaugural session held in the Department of Mathematics, M.B. Government Post Graduate College. The program was inaugurated by the Principal of the College, **Dr. N. S. Bankoti**. In his inaugural address, Dr. Bankoti emphasized the importance of practical problem-solving skills in mathematics. During the inaugural session, the Convenor, **Dr. Narendra Kumar Singh**, presented the objectives and overall structure of the workshop. He also highlighted the significant contributions of the legendary Indian mathematician Madhava, whose pioneering work laid the foundation for several concepts in modern mathematics, particularly in the areas of calculus and infinite series.

The academic sessions comprised expert lectures delivered by the resource persons on Calculus, with special emphasis on real-life applications and examination-oriented problem-solving strategies. The sessions demonstrated how a strong grasp of fundamental concepts can substantially improve performance in competitive examinations. Each session concluded with interactive discussions and doubt-clearing sessions, ensuring active participation and engagement from students.

The workshop concluded with a valedictory session in which participants reflected on their learning over the two days, while faculty members shared their observations and motivated the students to pursue mathematics with curiosity and discipline. Certificates were distributed to all participants, and the Coordinator, Dr. Narendra Kumar Singh, expressed sincere gratitude to the Principal, resource persons, faculty members, and students for the successful conduct of the workshop.

Outcomes of the Workshop

The workshop proved to be intellectually stimulating and highly motivating. It helped students overcome their fear of mathematics and approach problem-solving with renewed confidence. The key outcomes of the workshop are summarized below:

- Strengthened conceptual understanding and enhanced problem-solving abilities.
- Increased confidence and readiness for national-level competitive examinations, particularly the Madhava Mathematics Competition.
- Exposure to expert academic guidance and competitive examination patterns.
- Promotion of interactive learning and academic excellence.

Some photographs:





Poster:

Two Day Workshop
On
Some Basic Features of Analysis
(A part of MoU between Maitreyi College & MBGPG College)

January 5 – 6, 2026
Organized by
Department of Mathematics
M.B. Govt. P.G. College, Haldwani

RESOURCE PERSONS

DR. NEELIMA OHRI
DEPARTMENT OF MATHEMATICS
MAITREYI COLLEGE, UNIVERSITY OF DELHI

MR. SAURAV KUMAR
DEPARTMENT OF MATHEMATICS
MAITREYI COLLEGE, UNIVERSITY OF DELHI

CONVENOR

DR. NARENDRA KUMAR SINGH
DEPARTMENT OF MATHEMATICS
MBGPG COLLEGE, HALDWANI, NAINITAL

Time
10:00 A.M. to 04:00 P.M.

Conclusion: The two-day Mathematics Workshop was a resounding success, fulfilling its objective of preparing students for the Madhava Mathematics Competition while fostering a deeper appreciation for mathematics. The Department of Mathematics remains committed to organizing similar academic initiatives in the future to promote excellence in mathematical education and research.