



# चौधरी महादेव प्रसाद महाविद्यालय

## C. M. P. DEGREE COLLEGE

(A Constituent P.G. College, University of Allahabad)

Under the Strengthening Component of DBT Star College Scheme

Website: [www.cmpcollege.ac.in](http://www.cmpcollege.ac.in)



## Bachelor of Science (B.Sc.) Mathematics

### Program Outcomes

**PO1: Critical Thinking:** The ability for students to write and evaluate mathematical proofs to strengthen a student's academic performance, character, and transferable skills.

They will have the potential to grow into responsible citizens as a result of this.

**PO2: Knowledge Skill:** Students will grow in a scientific mindset. The fundamental ideas that underlie the main branches of mathematics will be taught to the students.

**PO3: Scientific Communication Skills:** Students will learn fundamental practical skills and technical knowledge in addition to subject-specific understanding of several areas of mathematics. In a mathematical setting, students will acquire and use good writing and vocal communication abilities.

**PO4: Ethics:** Students will develop their employability so they can choose between employment prospects in industry and starting their own business.

**PO5: Enlightened Citizenship:** Students will be equipped with the fundamental information needed for further education, as well as for professional and applied courses.

**PO6: Analytical Reasoning:** The ability to adopt a solution-focused approach to a variety of social and environmental concerns will be taught to students. Through a choice of suitably suggested assignments, students will gain a thorough understanding of area of mathematics.

**PO7: Multicultural Competence:** An in-depth knowledge of mathematics as a subject and as a method for resolving issues in the real world will be acquired by students.

**PO 8: Lifelong Learning:** The usage of mathematics and related technologies in work environments will be taught to the students. Recognize, create, and apply quantitative models that appear in contexts related to social science, business, and other fields.

**Mahatma Gandhi Marg, George Town, Prayagraj-211002, U.P.**

Tel.: +91 532 2256762, Email: [cmpdc1@gmail.com](mailto:cmpdc1@gmail.com); [principal@cmpcollege.ac.in](mailto:principal@cmpcollege.ac.in)



# चौधरी महादेव प्रसाद महाविद्यालय C. M. P. DEGREE COLLEGE

(A Constituent P.G. College, University of Allahabad)

Under the Strengthening Component of DBT Star College Scheme

Website: [www.cmpcollege.ac.in](http://www.cmpcollege.ac.in)



## Program Specific Outcomes

A student should be able to

**PSO1: Strong Foundation in Knowledge:** Utilize critical thinking. Recall fundamental mathematical concepts, and be able to demonstrate knowledge of terminology and notation.

**PSO 2: Abstract Skills:** Logically formulate and develop mathematical arguments. Become well-versed and comprehending deeper areas of mathematics.

**PSO3: Problem Solving:** Know when information is required can help you find it, analyze it, and apply it correctly for the matter or issue at hand.

**PSO4: Proficiency in Interdisciplinary Skills:** Apply their abilities and expertise, they convert verbal information into mathematical form, choose and employ the proper mathematical formulae or methodologies, process the data, and arrive at the appropriate conclusion.

**PSO 5: Application and Lifelong Practical Knowledge:** Obtain sufficient exposure to national and local issues that investigate various mathematical sciences. Recognize, create, and apply quantitative models that appear in contexts related to social science, business, and other fields. Possessing the communication skills, creativity, problem-solving abilities, and aptitude for mathematical modeling needed for a variety of jobs.