



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



Program Specific Outcomes B.Sc. (Chemistry)

PSO-1: A graduate student is expected to be capable of developed comprehensive knowledge and understanding both theoretical and practical knowledge in all discipline of chemistry.

PSO-2: A graduate students can solve their subjective problems very methodically, independently and logically.

PSO-3: Student will be capable of applying modern techniques, handling advanced instruments for chemical analysis, characterization of materials and in separation technology.

PSO-4: A graduates are expected to possess basic psychological skills so that they can deal with individuals and students of various socio-cultural, economic and educational levels.



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Program Outcomes

PO-1: Communication skills: Chemistry Graduates are expected to build good communication skill so that they can easily share their idea/finding/concepts to others.

PO-2: Core competency: The chemistry graduates are expected to gain knowledge of the fundamental concepts of chemistry and applied chemistry through theory and practical.

PO-3: Critical thinking: Chemistry graduates are expected to achieve critical thinking ability to design, carry out, record and analyse the results of chemical reactions. They can have that much potential and confidence that they can overcome many difficulties with the help of their sharp scientific knowledge and logical approaches.

PO-4: Psychological skills: Chemistry graduates are expected to possess basic psychological skills so that they can deal with individuals and students of various socio-cultural, economic and educational levels.

PO-5: Problem-solving: Graduates are expected to be well trained with problem-solving philosophical approaches that are pertinent across the disciplines.

PO-6: Analytical skill: Chemistry graduates are expected to possess sufficient knowledge how to synthesize a chemical compound and perform necessary characterization and analysis in support of the formation of the product by using modern analytical tools and advanced technologies.

PO-7: Job opportunity: This course curriculum chemistry graduates have lot of opportunity to get job not only in academic and administrative field but also in industry.

PO-8: Research motivation: Chemistry graduates are expected to be technically well trained with modern devices and Chemistry based software and has powerful knowledge in different disciplines of Chemistry.

PO-9: Digital Literacy: Graduates are expected to be digitally literate for them to enroll and increase their core competency via e-learning resources such as MOOC and other digital tools for lifelong learning.

PO-10: Social Awareness: As an inhabitant of this green world it is our duty to make our planet clean and suitable for living to all. In this context Chemistry graduates are expected to be more aware about finding green chemical reaction routes for sustainable development. They are expected to maintain good laboratory practices and safety.

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