



चौधरी महादेव प्रसाद महाविद्यालय

C. M. P. DEGREE COLLEGE

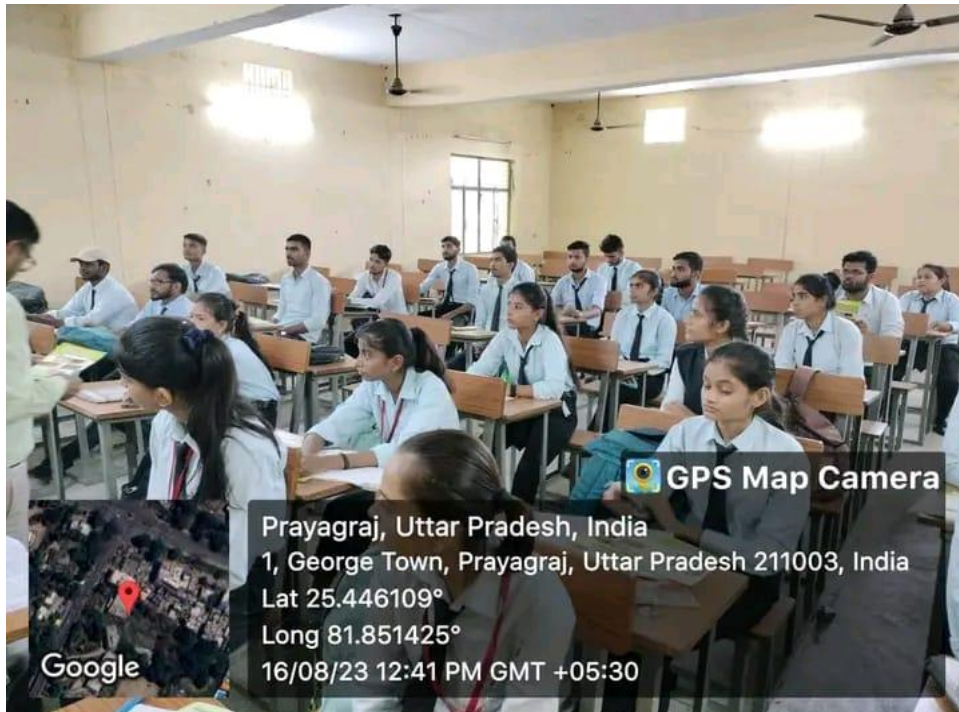
(A Constituent P.G. College, University of Allahabad)
Under the Strengthening Component of DBT Star College Scheme
Website: www.cmpcollege.ac.in



Department of Zoology
C.M.P. Degree College, Prayagraj

Outreach Activity:

- An Outreach program was organized by Department of Zoology, CMP Degree College on 16 August 2023 under the aegis of DBT Star College Scheme of college. Two Faculty members of Department of Zoology, CMP Degree College **Dr. Hemlata Pant** and **Dr. Jyoti Verma**, visited the **Kulbhaskar Ashram College**. Dr. Jyoti Verma, Assistant Professor, Department of Zoology, gave complete information about DBT Star Scheme and outreach program. Dr. Hemlata Pant, Assistant Professor, Department of Zoology, explained about plant parasitic nematodes and their diagnosis. She also explain methods to protect plants from nematodes, integrated nematode management, as nematodes cause great harm to fruits, vegetables and grains.





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सीएमपी के जंतु विज्ञान विभाग द्वारा डीबीटी स्टार योजना के अंतर्गत आउटरीच कार्यक्रम आयोजित

प्रयागराज। सीएमपी कॉलेज के जंतु विज्ञान विभाग द्वारा डीबीटी स्टार योजना के अंतर्गत आउटरीच कार्यक्रम का सफल आयोजन आज कुलभारकर आश्रम कॉलेज में किया गया। कार्यक्रम में डॉक्टर ज्योति वर्मा सहायक प्रोफेसर, जंतु विज्ञान विभाग ने डीबीटी स्टार योजना और आउटरीच कार्यक्रम के बारे में पूरी जानकारी दी। कार्यक्रम में डॉक्टर हेमलता पंत, असिस्टेंट प्रोफेसर, जंतु विज्ञान विभाग ने पादप परजीवी नेमाटोड और उनके निदान के बारे में बताते हुए कहा कि सूत्र कृमि छोटे, कृमि जैसा, खंडहीन, बेल नाकार, सूक्ष्म सीलॉमिक जंतु है। नेमाटोड से फल, सब्जियाँ, अनाज, सभी को बहुत नुकसान होता है। नेमाटोड जड़-ऊतकों के कार्या में



हमत्क्षेप करते हैं, जड़ मिट्टी से पोषक तत्व और पानी नहीं ले पाती, जिससे पौधों की वृद्धि नहीं होती, पौधों की पत्तियाँ पीली हो जाती हैं। नेमाटोड से

पौधों को सुरक्षित रखने के लिये एकीकृत नेमाटोड प्रबंधन अपनाना चाहिए, सभी को नेमाटोड के प्रति जागरूक भी करना चाहिए।



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- An Outreach Programme was Held in the premises of **Kulbhaskar Ashram Inter College**, Prayagraj on **19/08/2023 (Saturday)** under the aegis of **DBT Star College Scheme**. Class **11th** and **12th** standard students of science stream participated in our programme. Students were motivated to pursue higher studies in science by demonstrating the principles of science in front of them.

Dr. Manoj Kumar Jaiswal briefed the students about the exciting field of Neuroscience and Physiology. Upon Student's query he also demonstrated the principles of Blood Antigens, Blood grouping and Blood clotting. **Dr. Ashish Kumar Mishra** motivated the students to learn the basics of diagnostic techniques for various diseases. He explained the principle of ELISA technique for the detection of body analytes. Dr. Rohit Kumar, Assistant Prof. (Department of Physics) Demonstrated Principles of Optics by performing experiments in front of Students. Dr. Vishal Kumar Srivastav, Asst. Prof. Department of Chemistry briefed the students about the importance of Green Chemistry and its implication in our daily life. Students were invited to our college, CMP Degree College to see various instruments and learn their functioning in order the enhance their understanding and to motivate them to develop scientific temperament. On this occasion teachers of the students were also present.





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- **One Day Lab Visit** as an Outreach Activity under the aegis of **DBT Star College Scheme** on **23th Aug, 2023** jointly organized by the Department of Chemistry, Zoology, Botany, and Physics as collaborative outreach activity aimed at providing **11th** and **12th** standard students from **Kulbhaskar Ashram Inter College** with an opportunity to visit the laboratories, engage in hands-on experiments, and gain insights into the fascinating world of science. The purpose of the lab visit was to inspire students' interest in these scientific disciplines, provide practical exposure to theoretical concepts, and encourage them to consider careers in these fields. The event began with a warm welcome and introduction to the participating students by Dr. Sarita Srivastava Coordinator of DBT Star College Scheme along with Dr. Babita Agrawal Convener of NAAC, **Dr. Vinita Jaiswal (Convener, Department of Zoology)** Dr. Gyan Prakash were present and encourage the students after that Department faculty members Dr. Vishal Srivastava (Chemistry), **Dr. Manoj Kumar Jaiswal (Zoology)**, Dr. Avinash Pratap Singh (Botany) and Dr. Rohit Kumar (Physics) provided an overview of the labs and the importance of the disciplines of Chemistry, Zoology, Botany, and Physics in understanding the natural world.





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Induction Program of One Day Lab Visit

Departmental Coordinator
Dr. Manoj Kumar Jaiswal

Convener
Dr. Vinita Jaiswal

Dr. Sarita Srivastava
Associate Professor
Coordinator DBT Star College
C. M. P. College
University of Allahabad

Coordinator, DBT Star College
Dr. Sarita Srivastava