



किरोड़ी मल कॉलेज

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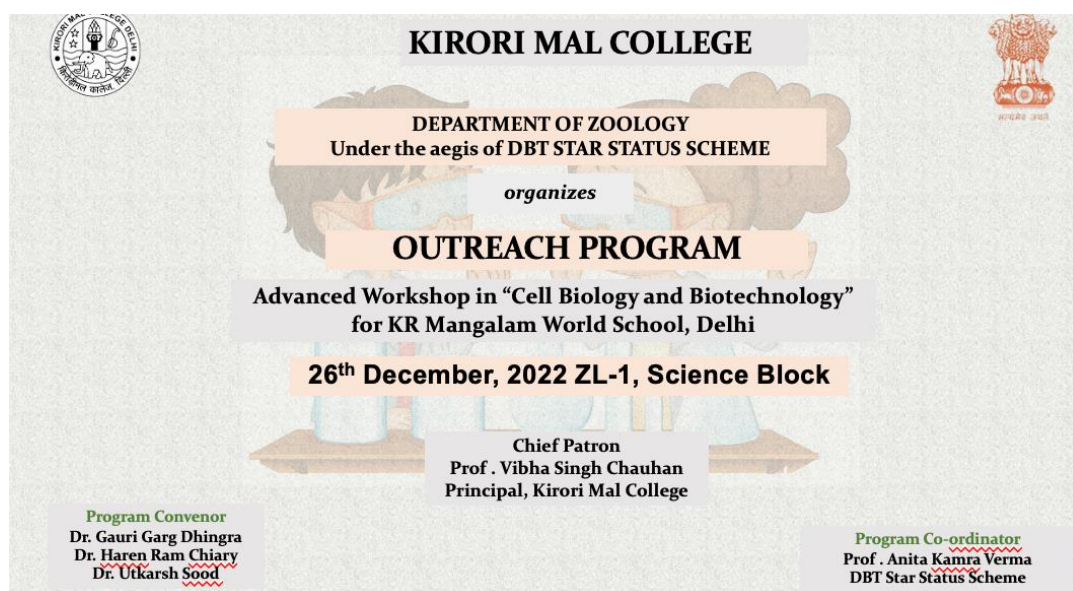
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Report - Outreach program under the aegis of DBT Star College Scheme

Advanced Workshop in “Cell Biology and Biotechnology” for KR Mangalam World School, Vikas Puri, New Delhi held on 26th December, 2022 in ZL-1, Science Block

One day Advanced workshop was conducted by the Department of Zoology under the aegis of DBT Star College Scheme on 26th December 2022 in Laboratory 1 of the Department. A total of 14 students of biology section attended the workshop with their class teacher, Ms. Bharti Kaushik.



The program began with the brief introduction by program coordinator Prof. Anita K. Verma. She highlighted objectives of DBT Star College Scheme outreach program to inculcate the scientific enquires methodologies in the minds of budding scientist. The students visited the Biotechnology lab and got acquainted with basic instruments. Following experiments were conducted by the co-ordinators, Dr. Gauri Garg, Dr Haren Ram Chairy an Dr. Utkarsh Sood.



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List of experiments

1. Identifying bacteria by staining techniques10:00 a.m.- 10:45 a.m.
2. Techniques used in Biotechnology.....10:45 a.m.- 12:00 noon
 - a. Isolation of DNA and Gel Electrophoresis
 - b. Polymerase Chain Reaction
 - c. DNA sequencing
4. Understanding Cell division.....12:00 noon- 1:00 p.m.

Preparation of temporary mount of mitosis with root tips of *Allium cepa*(Acetocarmine stain)

The students were given soft copy of manual of the workshop. Feedback from the students was taken at the end and a group photograph was taken with the distribution of the certificates.

