

Educational Visit to ICAR

An educational excursion to ICAR : National Research Centre on Plant Biotechnology (NRCPB) Pusa Road New Delhi was conducted for Class XII students of the Biology Section on October 29, 2024. Principal Scientist Dr Ramavatar delivered a lecture on plant molecular biology and biotechnology, discussing ongoing research projects and their significance for agriculture.

Students learned about the development of transgenic crops, the use of genomics and molecular markers, and efforts to improve pulse crops. They also explored research aimed at making wheat more resilient to climate change.

The workshop included hands-on observations of techniques such as gene isolation, tissue culture, confocal microscopy, and gene gun technology. Students visited the phytotron facility, where plants are grown under controlled conditions. Overall, the experience deepened their understanding of molecular biology, biotechnology and its applications in agriculture.



