

DEPARTMENT OF GENETICS AND PLANT BREEDING



HISTORY OF DEPARTMENT

The Department of Genetics and Plant Breeding started functioning as an independent Department from June, 2019. The Genetics and Plant Breeding section (Crop Improvement) was bifurcated from the erstwhile composite department i.e., Crop Improvement, Horticulture and Agricultural Botany during October, 2016 and re-structured as Department of Genetics & Plant Breeding and Crop Physiology. M.Sc.(Ag.) in Genetics and Plant Breeding was started from the Academic session 2015-16 and was accredited by ICAR in 2019. The admission to Ph.D. programme is based on pre-determined vacancy and as per the UGC Regulations. The department offers various courses on Genetics, Plant Breeding, Plant Biotechnology and Breeding Field and Horticulture Crops at U.G. and P.G. levels. Besides the U.G. and P.G. courses, the faculty members of the department are also actively engaged in guiding students in research work leading to M.Sc. and Ph.D. degree, and extension activities. There are research project(s) funded by Department of Atomic Energy, Govt. of India and collaborative research work with various research institutes.

Mission and vision

- ✓ To conduct strategic and basic research on all potential agricultural crops relevant to the climate of the region for improving productivity.
- ✓ To disseminate information on modern plant breeding technologies and impart training to farmers by establishing departmental linkage with the farming community.
- ✓ To develop new technologies and new varieties and to take patents of them.
- ✓ To make the students and scholars acquainted with modern research technology in different areas of Genetics and Plant Breeding.

Collaborations with reputed national and international research and academic institutes as well as with funding agencies are to be strengthened for high quality research opportunities for faculty members and students with the integration of cutting edge technologies like genomics and bioinformatics.

PROGRAMMES AND COURSES OFFERED

Programme Name	Number of Courses
B.Sc. (Hons.) Agriculture	08
M.Sc.(Ag.) Programme	19
Ph.D. Programme	03