

Department of Botany

DDU Gorakhpur University, Gorakhpur-273009

Syllabus for PG Entrance Examination

- Microbiology, microbial techniques, and plant pathology.
- General account and economic importance of algae, fungi, bryophytes, pteridophytes and gymnosperms.
- Taxonomy, anatomy and embryology of angiosperms.
- Plant identification techniques and herbaria.
- Economic botany, ethnomedicine and phytochemistry.
- Plant physiology, metabolism and biochemistry, molecular biology and bioinformatics.
- Cytogenetics, plant breeding and nanotechnology.
- Ecology, environment, climate change and restoration ecology.
- Biodiversity conservation, IUCN, and environment management.