

Course outcome and Programme outcome of B.Sc. Botany (H) as per CBCS syllabus

The CBCS syllabus of Botany includes:

- (1) Core course (CC)- 14 Courses
- (2) Skill Enhancement Course (SEC) – 6 Courses
- (3) Discipline specific elective course (DSE) – 4 Courses
- (4) Generic elective course (GE) – 4 Courses

- After completion of the course the students will be able to learn from core course to describe, discuss and explain to biomolecules, cell biology, plant morphology, anatomy, diversity of microbes, algae, fungi, plant pathology, plant ecology, bryophytes, pteridophytes, gymnosperms, palaeobotany, reproductive biology, plant taxonomy, plant systematics, phytogeography, economic botany, pharmacognosy, plant physiology, plant metabolism, genetics and plant molecular biology.
- In Skill Enhancement Course (SEC) course the students would be able to elucidate different types of fertilizers using biological organisms, apply the knowledge gathered in utilization of biofertilizers in organic farming and explain the concept the value of biodiversity, threats to biodiversity, need for conservation and environment stewardship, apply and implement conservation strategies for biodiversity management. They would also be able to describe the methods and applications of medicinal plants in India as well as the knowledge of mushroom culture.
- In case of Discipline Specific Elective (DSE) courses- the students will be able to apply the basics of microbiology, stress biology, hybridization technique, crop improvement etc. They could apply the knowledge gained through different courses in practical field, solving problems, documentation and calculation. Even they would be able to write and report in standard academic formats.
- In case of Generic elective (GE) courses- the students will get detailed knowledge about Plant groups, plant ecology, morphology and taxonomy.