

# Department of BOTANY



## GOVERNMENT

- \*DEPARTMENTS OF CONSERVATION, LAND AND MANAGEMENT.
- \*POLICY, LAW ETC.

## PUBLIC SECTOR

- One can be the Project Assistant, Preservation Assistant, Botanical assistant, Forest range officer etc. at
  - BSI(BOTANICAL SURVEY OF INDIA)
  - IARI(INDIAN AGRICULTURAL RESEARCH INSTITUTE).
  - ICFRE(INDIAN COUNCIL OF FORESTRY RESEARCH AND EDUCATION.
  - IARI(INDIAN AGRICULTURAL RESEARCH INSTITUTE) etc.
- TEACHING AT COLLEGES AND UNIVERSITIES.

## INDUSTRY

- \*CROP IMPROVEMENT
- \*SCIENCE WRITING
- \* ENVIRONMENTAL MONITORING
- \*BIOTECHNOLOGY
- \*PHARMACEUTICAL
- \*FLORICULTURE
- \*AGRICULTURE etc.

## EDUCATION/ OUTREACH

- \*NATURE CENTERS
- \*SECONDARY SCHOOLS

## NON-PROFIT

- \*BOTANICAL GARDENS
- \*MUSEUMS
- \*INTERNATIONAL SERVICES

## PRIVATE SECTOR

- \*NURSERY FARMS
- \* ENVIRONMENTAL CONSULTANCIES
- \* GREENHOUSE MANAGER .
- \*TEACHING.

## SCOPE

- After B.Sc. in Botany, students can not only pursue **Postgraduate degree** in Botany but also can opt for **Diploma courses / postgraduate courses in other subjects like Plant breeding and Horticulture, Molecular biology, Forestry, Biotechnology, Microbiology, Bioinformatics etc.**
- **Integrated Ph.D.** are also available at various reputed universities and institutions all over India.

## HIGHLIGHTS

- ▶ *Since its inception, faculty members of the department have been involved in teaching and mentoring students.*
- ▶ *Highly experienced faculty and adept at teaching and training students of B. Sc. (Hons.) Botany, and students from other departments who opt for Botany as their Generic Elective subjects.*
- ▶ *Undergraduate teaching-learning with appropriately combined classical teaching with innovative digital teaching tools to augment students' understanding of the subjects.*
- ▶ *After graduating from our institute, students are either pursuing higher studies at reputed universities or got absorbed by well known companies, schools, colleges etc.*

## DEPARTMENTAL FACILITIES

- ✓ *Well displayed Botanical Museum with scientific name of the Plants.*
- ✓ *Spacious well equipped laboratories with all the facilities according to the latest CBCS syllabus of BOTANY, UNIVERSITY OF CALCUTTA.*
- ✓ *Department's own seminar library and medicinal garden.*
- ✓ *Use of modern teaching-learning aids and ICT in classrooms.*

## DEPARTMENTAL ACTIVITIES

- ✓ *Organisation of regular field works, long excursions, industrial visits.*
- ✓ *Students' talk, students' seminar, workshops, cultural activities by the students etc.*
- ✓ *In CORE COURSES & DSE (DISCIPLINE SPECIFIC ELECTIVE) papers, teacher exposes student to various types of field activities and preparation of field reports/project works which inculcates scientific temper in them.*

✓ *International webinar on Recent Advancements in Cancer Research.*

<https://youtu.be/hqjHaMp9Di8>

