

B.Sc. PLANT BIOLOGY & PLANT BIOTECHNOLOGY CURRICULUM

This is a full time course comprising of three years (Six Semesters) and each semester comprises 90 days. The Department offers both classical and modern Botany through its diversity of Papers.

ELIGIBILITY FOR THE AWARD OF DEGREE

A candidate shall be eligible for the award of the degree only if he/she has undergone prescribed course of study for a period of not less than three academic years, passed the examination of all the six semesters.

FACULTY:

S.NO	NAME	DESIGNATION
1	Dr. R. Muralidharan	Assistant Professor & Head
2	Dr. R. Rajarajan	Assistant Professor
3	Dr. P. Ezhumalai	Assistant Professor
4	Mr. M. Vasanth	Assistant Professor
5	Dr.S.Anantha Padmanabhan	Assistant Professor

VISION:

Exploration of Plants and realize their significance in the entire Ecosystem.

MISSION:

- To equip the students with an overall knowledge of plant science.*
- To develop human resources with expertise in skill based areas of plant sciences.*
- To ignite students with requisite knowledge for lifelong learning and achieve greater heights in the field of research, entrepreneurship and teaching positions in Biological sciences.*

OBJECTIVE:

- The aim is to impart knowledge and training to equip students in plant sciences.
- To empower the students in handling laboratory experiments, tools and techniques
- To utilize the modern techniques of Botany in enriching the potential of traditional knowledge and practices of the plants.
- To apply the botanical knowledge to solve the present day to day problems.
- Exploring and understanding the Flora and their significance in human Life and the Environment.

ELIGIBILITY FOR ADMISSION:

Candidates for admission to the first year of the B. Sc Degree course in Plant Biology and Plant Biotechnology are required to have a pass in the Higher Secondary Examination (Biology/Botany/Zoology – as one of the main subjects) conducted by the Government of Tamilnadu or an Examination accepted as equivalent thereof by the Syndicate of the University of Madras.



**DWARAKA DOSS GOVERDHAN
DOSS VAISHNAV COLLEGE
ARUMBAKKAM
CHENNAI – 600106**



DEPARTMENT OF BOTANY

ABOUT THE DEPARTMENT:

The legendary history of the Department of Botany traces its origin back to 1964 from the days it existed as a Natural Science Department. The well-known Botanist Prof. K.N. Rao, headed the Department for a long time with four Teachers, in Botany and Zoology subjects. Following the closure of PUC in the Universities and Colleges, the Department became full-fledged Department (with four Teachers in Botany and one Teacher in Zoology) with Zoology & Chemistry as Allied to Botany Major. This happened in the year 1975 with proper Affiliation to the University of Madras. In 2005 the programme was renamed as Plant Biology and Plant Biotechnology. In 2015 Ph.D (Full time) programme in Botany was introduced for admitting post graduate students in Botany. Hands-on training and field visits are also undertaken every year and students are also encouraged to attend symposia, seminars and conferences in the field of science with proper guidance from the faculties. A high standard syllabus is in practice comprising, current trends in the field of Biology, competitive exams for Biology oriented subjects and also self-employment opportunities. Recently, the syllabus was revised as per TANSCH norms. The Department was honored under UGC XIth plan for conducting certificate course on Mushroom cultivation in 2012. The Department has been supported by the DBT Star College Scheme by the Central Government under the Ministry of Science & Technology. The Department has appropriate changes in the conduct of the course and pattern of Examination with more sincerity and care.

DEPARTMENT ACTIVITIES:

FIELD TRIP



GREEN AUDIT



BONSAI TRAINING



STUDENTS ACTIVITES



Career Prospects for a B. Sc Botany Graduate

Jobs after B. Sc Botany exist in many industries for graduates right after they complete their education. During their study, graduates get to study and practically use their knowledge as well, as the course also has the option of lab practicals . Below are some of the popular job titles for B. Sc Botany graduates:

- Chemical Industry
- Food Companies
- Arboretum
- Forest Services
- Biotechnology Firms
- Oil Industry
- Land Management Agencies
- Seed And Nursery Companies
- Plant Health Inspection Services
- National Parks
- Biological Supply Houses
- Plant Resources Laboratory
- Educational Institutions

Entrance Exams for B.Sc Botany Graduates

IIT JAM

MSc Entrance Exam for IITs/NITs/IISER/CFTIs.

JEST

MSc Entrance Exam for National Research Institutes.

TIFR GS

MSc Entrance Exam for Tata Institute of Fundamental Research.

JNU EE

MSc Entrance Exam for JNU, Delhi.

ICAR AIEEA

PG Entrance Exam for ICAR.

Bioinformatics National Certification (BINC)

Certification Course for Bioinformatics Professionals.

Competitive Exams

- UPSC
- TNPSC
- RRB
- SSC
- Bank Exams

Contact us:

Email ID: botanydgvc@gmail.com