



TELANGANA TRIBAL WELFARE RESIDENTIAL  
DEGREE COLLEGE (GIRLS),DHAMMAPETA  
Bhadradi Kothagudem District, Telangana State – 507101  
(Affiliated to Kakatiya University, Warangal, Telangana)



## Department of Botany

- **History of the College & Department:**

- This college was started, during the academic year 2017 with the efforts and good wishes of elders and the elite people of the town visualizing the great need of it for promoting education in this scheduled region, in a rented building. The strength of the students applied and got admitted in the first year of its inception was only 150. With the passage of time the college has unprecedented growth over the years. At present the strength of the college is 650
- Science courses was started with combinations of BZC and MPC, B.COM & BA groups and complete English medium courses started from 2017-2028. The CBCS system was introduced .

- **Department Profile:**

- Department of Botany was established in 2017-2018. Since its inception, the Department was recognized for teaching in the various areas of Botany. A well balanced curriculum having theory and practical and qualified faculty has been the hall mark of this Department since its inception. The

Department offers an undergraduate program which is in affiliation with Kakatiya University, Warangal.

- The Department has also implemented the Choice- based Credit System for grading B. Sc students , which offers flexibility in the structuring and assessment of courses. The overall goal of Botany Department has been to impart quality education at under-graduate level along with continuous efforts on basic and applied aspects of plant science.

### **Highlights of the Department:**

- In addition to the regular teaching aids, ICT (Google classroom, PPT class)tools are used regularly in teaching learning process.
- Department has one well equipped laboratories to conduct practical. Equipment like Spectrophotometer, centrifuge, compound microscopes, Dissection microscopes etc.
- Department has a departmental library with reference books, question banks, study materials, previous question papers etc., which are kept for student's usage.
- Department organizing field trips relevant to the subject.
- Study projects, assignments are given to the students.
- Student seminars, quizzes and group discussions.

## **AIMS AND OBJECTIVES**

- The Department aims to provide a broad multidisciplinary course in BOTANY.
- To train students in a wide range of science based skills that provide the learning base for future careers in disciplines such as forestry ,Agriculture, Environmental management ,biotechnology, publishing ,teaching ,research&management.
- To achieve excellence in teaching, research & extension education in the field of Botany .
- To offer a modular course of lectures & associated seminars, research project & practical classes supported by supervisions where appropriate.
- To promote training in practical & conceptual skills in sub-disciplines ranging from molecular cell biology through physiology & Taxonomy to the study of species in both an Ecological & Evolutionary framework.
- To provide constructive feedback on their progress individual students will be assessed throughout the year in their project works ,participation in seminars & written work for supervisions.
- To provide professional training in effective verbal & written communications skills.
- To promote students for self employment through Forestry ,Nursery & Tissue culture .
- To produce globally competitive graduates & post graduates in Botany.

## **VISION AND MISSION**

### **The vision of Botany Department**

- To mould graduate into good naturalists & Environmentalists, excellent knowledge in the morphology, anatomy, physiology of plants & Bio-technology.
- Improving confidence levels of the students & social behaviour in society.

### **The Mission of Botany Department**

- Nourish & nurture the knowledge & skills in all aspects of plants.
- Develop & attitude among the students towards applications for the welfare of the mankind.
- Conservation of Fauna and Flora, There by promoting Eco protection.

## STRENGTH, WEAKNESS, OPPORTUNITIES & CONSTRAINTS

**STRENGTHS:** Efficient, sincere & hardworking team of faculty members, many of whom have talents other than teaching .A well equipped laboratory & teachers .

**WEAKNESS:** Despite the best efforts put in by the faculty members could produce only a few rankers in PG entrance.

**OPPORTUNITIES:** Students are very hard working & sincere so that the department can have better meritorious achievements with the talents in students to develop better overall personality with infrastructural facilities quality education can be carried out by students & teachers.

**CHALLENGES:** To promote hard work & uplift the scholastic capacities of students through appropriate motivation is a major challenge. To cultivate research aptitude among them.