

## DEPARTMENT OF BOTANY



The department of Botany established in the year 1971.

Modern Botany is a broad, multidisciplinary subject with contributions and insights from most other areas of science and technology. The study of plants is vital because they support almost all animal life on Earth by generating a large proportion of the oxygen and food that provide humans and other organisms with aerobic respiration with the chemical energy they need to exist.

Plants, algae and cyanobacteria are the major groups of organisms that carry out photosynthesis, a process that uses the energy of sunlight to convert water and carbon dioxide. Virtually all staple foods come either directly from primary production by plants, or indirectly from animals that eat them.

Botany is important in the **area of economic productivity** because it is involved in the study of crops and ideal growing techniques that help farmers increase crop yield. The study of plants is also important in environment protection.

Teaching young people about botany prepares them to tackle the big problems of feeding large populations. Teaching them about gardening prepares them to successfully grow their own food and also create beauty.

### VISION

To provide skill oriented and quality education to the students to make them acquire knowledge of plant sciences and sensitize them to explore and not to exploit the plant wealth.

### MISSION

- \* To bestow the students with basic applied understanding of the subject.
- \* To provide an understanding of aspects of plants.
- \* Make the student understand the concept of conservation of nature and natural resources.

### OBJECTIVES

- \* To develop an aptitude towards Plants and Environment.
- \* To enhance the ability of the students in identifying the plants around us.
- \* To impart education in field of Botany so as to enable students to face the job Market.

## FACULTY

S.No	Name of the Teacher	Qualification	Specialization	Designation	Profile	Vidwan ID
1	Dr K Usha Rani Incharge HoD	M.Sc, Ph.D, B.Ed, NET(APCSC)	Cytogenetics &Developmental Morphology	Assistant Professor	<a href="#">View Document</a>	253666
2	Dr T Annie Sheron	M.Sc., B.Ed., CFN, Ph.D	Plant Pathology	Assistant Professor	<a href="#">View Document</a>	
3	Dr.R.Sreelatha	M.Sc, Ph.D, M.Ed, CSIR-JRF/NET	Plant Pathology	Assistant Professor	<a href="#">View Document</a>	253676
4	Ms B. Rukmini Devi	M.Sc, M.Phil, TS-AP-SET	Plant Molecular Genetics, Crop Physiology and Biotechnology	Assistant Professor	<a href="#">View Document</a>	244991
5	Dr R Sneha	M.Sc, B.Ed, Ph.D, SET	Plant Pathology	Assistant Professor	<a href="#">View Document</a>	246610
6	Visiting Professor: Prof. Rama Chairperson BOS. Dept. of Botany, UCS,OU	M.Sc, Ph.D		Assistant Professor	<a href="#">View Document</a>	

1. BoS : [View document](#)

2. PROGRAMMES & COURSES OFFERED :[View Document](#)

3. CURRICULUM

Programme Specific Outcomes (PSO): [View Document](#)

Course Outcomes (CO) :[View Document](#)

Syllabus : [View Document](#)

4. SEMINARS/WORKSHOPS/CONFERENCES/SYMPOSIUMS ORGANIZED (Last 5 yrs)

S. No	Title of the Programme	Sponsored By	Date	Link for the details of the program
1	Breakthrough Scientific Culture and Society- One day Science Seminar (DARWIN WEEK)	Department of Botany & Microbiology along with Break through society	12.02.2018	<a href="#">View Document</a>
2	Two day work shop	The Department of Life Sciences along with Yuva Biotech Pvt.Ltd, Hyderabad	13 <sup>th</sup> and 14 <sup>th</sup> Feb 2019	<a href="#">View Document</a>
3	Seminar on Career Guidance in MEDICAL CODING	Valiyappa Foundation, Tech Mahindra, Hyderabad	16.07.2019	<a href="#">View Document</a>
4	Webinar on <b>Shenzhen Code</b>	Department of Botany	18.05.2020	<a href="#">View document</a>
5	A National Webinar on “ <b>Biodiversity and Conservation-Ecosystem Restoration</b> ”	Department of Botany	29.06.2021	<a href="#">View Document</a>

5. Jignasa Projects of the department (Completed/Ongoing):

[View Document](#)

[View Document](#)

6. YouTube channel: [View Document](#)

7. e-Adhyayan Kosh: [View document](#)

8. ACTIVITIES CONDUCTED (latest Completed academic year) [View Document](#)  
2020-21

9. TEACHER ACHIEVEMENTS [View Document](#)

10. STUDENT ACHIEVEMENTS [View Document](#)

11 .FUTURE PLANS : 1.To conduct Workshops  
2. To strengthen the Tissue Culture lab

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