

PERSONAL PROFILE



NAME: D ANNAPURNA

DESIGNATION: ASSISTANT PROFESSOR

QUALIFICATIONS: M.Sc. Plant Biology and Biotechnology

Qualified CSIR-UGC JRF & NET in Life Sciences.

Qualified State Eligibility Test for Assistant Professor/ Lectureship APSET in Life Sciences.

ALMA MATER: M.Sc in Plant Biology and Biotechnology (2008- 2010), University of Hyderabad.

Pursued Ph.D. (2010 – 2013) under the guidance of Prof. MNV Prasad in the Department of Plant Sciences at University of Hyderabad.

AWARDS & RECOGNITIONS: Awarded University Gold Medal for securing the first rank in the M.Sc. Plant Biology & Biotechnology at the convocation held in 2011.

TEACHING EXPERIENCE: 08 YEARS

RESEARCH EXPERIENCE: 05 YEARS

RESEARCH INTEREST: ENVIRONMENTAL BIOTECHNOLOGY

PROJECTS: NIL

RESEARCH PAPERS: Potential of Castor Bean (*Ricinus Communis L.*) for phytoremediation of metalliferous waste assisted by plant growth promoting bacteria : possible cogeneration of economic products.

ABOUT THE DEPARTMENT: (100WORDS)

Biotechnology Course was introduced at B.Sc. level in 2018 as self- finance course, under the faculty of science. The course was started with two combinations: B.Sc (Biotechnology, Botany & Chemistry) and B.Sc. (Biotechnology, Zoology & Chemistry). The major thrust of the department includes, Cell Biology, Molecular Biology, Genetic Engineering, Immunology and Plant tissue culture.

VISION:

The vision of the Biotechnology department is to provide, knowledge that establishes a strong foundation in Basic sciences for understanding the development and advances in the field of Biotechnology.

OBJECTIVES:

To acquire knowledge and develop skills, with a broad understanding of Biotechnology and its impact on society.

To facilitate, comprehensive learning combining the scientific, technological, socio ethical aspects.

To promote research and scientific temperament among the students with an attitude to serve the society by solving the local issues thru Biotechnology.

To acquire basic competencies required for an entry level position in any Biotechnology industry.

GOAL:

Our goal is to see that every student must pursue higher education in reputed universities and inculcate research attitude and scientific temperament. Apart from research, we also want to meet the needs of the Biotechnology based industry by targeting their demands.

DEPARTMENTAL ACHIEVEMENTS/PROGRAMS:

The Department is actively engaged in upgradation of the curriculum every year, delivering Extension Lectures by inviting subject expert and industrial/Field Visits.

- D ANNAPURNA, Assistant Professor of Biotechnology gave “Live telecast presentation through T – SAT Nipuna on the topic “**Genetic code and Wobble Hypothesis**” at the T – SAT Studio, Jubilee Hills Hyderabad. All the B.Sc. Life Sciences students participated by watching the live telecast through MANA TV.
- Extension Lecture was organised by inviting “**Karli Geethanjali**”, Asst Professor Government Degree College Kukatpally. She spoke on the topic “**Exploring Bioinformatics tools for research in Life Sciences**”.
- On the occasion of “Worlds Down Syndrome Day on 21st March, Biotechnology students presented poster on Structural & Numerical Abberations of Chromosomes.
- Visited Centre for Cellular and Molecular Biology (CCMB), Habsiguda on 26 September 2019 as a part of their foundation day celebrations for the B.Sc. Biotechnology students. It guided us thru the facilities, Exhibits and Posters on Modern Biology, Facts of Biological world and Science Video shows.
- Department of Biotechnology organized an extension lecture by inviting “**Shaikh Akbar Pasha**”, Asst Professor of Microbiology from Girraj Government Degree College, Nizamabad on the topic “**Recent Advances in Microscopy and its applications**”.

PhotoGallery



**Dr. Mansi, explaining about the advanced type of Electron Microscopy,
SEM and TEM**