

DEPARTMENT OF BIOTECHNOLOGY



Biotechnology is both a basic and an applied science. These technologies are applied in agriculture, health care, forensics, industrial processing, and environmental management in many useful ways.

Graduates take a number of career paths including: work in research labs, graduate training in biology and chemistry, professional careers in the health sciences.

- VISION:** *The course was introduced to provide a platform for Biotechnology education, training and research at the interface of multiple disciplines. The Curriculum was designed to create opportunities for students to engage in multi-disciplinary research where they learn biotech science while integrating technology to provide solutions for human and animal health, agriculture and environmental technologies. The vision is to produce human resource tailored to drive innovation in Biotechnology.*
- MISSION:** *To provide Biotechnology educational Program with impetus to generate quality workforce and create awareness about potentials of Biotechnology with socio-ethical implications. To instill spirit of innovation and creativity in young minds with sound research aptitude. To nurture confident individuals who are effective contributors towards growth of the nation.*
- OBJECTIVES:** *To impart knowledge through teaching, practical and conceptual skills to ensure a solid and sustainable education in the field of Biotechnology. To develop a strong appreciation for understanding rapid development in the advancing field of Biotechnology. To train the students to take up wide variety of roles like researchers, scientists, consultants, entrepreneurs, academicians.*

4. FACULTY

S.No	Name of the Teacher	Qualification	Specialization	Designation	Profile	Vidwan ID
1	Mrs.V.Rohini	M.Sc –UGC NET	Biotechnology	Assistant Professor	View document	253670
2	Mrs.M.S.Shilpa	M.Sc	Biotechnology	Lecturer		257019
2	Dr.D.Sambhashiva	M.Sc.Ph.D	Biotechnology	Assistant Professor, Nizam College	Visiting faculty view Document	257013

5. BoS - [View document](#)

6. PROGRAMMES & COURSES OFFERED - [View document](#)

7. CURRICULUM

Programme Specific Outcomes (PSO)- [View document](#)

Course Outcomes (CO) - [View document](#)

Syllabus- [View document](#)

8. 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	Molecular Biology techniques	Yuva Biotech, Hyderabad	13 th -14 th Feb 2019	View document
2	Diagnosis & Management of Genetic diseases	Institute of Genetics, Begumpet, Hyderabad.	27 th to 31 st Jan 2020	View document
3	Immunotechniques	RUHA Life Sciences, Hyderabad.	5 th an 6 th March 2020	View document
4	Diagnosis & Management of Genetic diseases	Institute of Genetics, Begumpet, Hyderabad	27 th to 1 st October 2021	View document
5	Bioinformatics	St. Ann's degree College for Women Mehdipatnam	22 an 23 September 2021	View document

9. Minor/ Major Research Projects completed by the Department - nil

10. Jignasa Projects of the department (Completed/Ongoing)- [View document](#)

11. YouTube channel: [View document](#)

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

11. ACTIVITIES CONDUCTED : [View document](#)

12. TEACHER ACHIEVEMENTS : nil

13. STUDENT ACHIEVEMENTS : [View document](#)

14. FUTURE PLANS: **To conduct more workshops and skill oriented programs.**

15. CONTACT US – gdcwa.biotechnology@gmail.com