



UNIVERSITY DEPARTMENT OF BOTANY

RANCHI UNIVERSITY, RANCHI

M.Sc. BIOTECHNOLOGY

Biotechnology has emerged as an exciting area of biological science by creating unprecedented opportunities for manipulation of biological systems. Courses on biotechnology are offered at various levels of undergraduate and graduate studies in various curriculums such as Botany, Zoology, Horticulture, Genetics, Plant Breeding, Plant Pathology, Biotechnology and Bioscience. Already, large numbers of students of this University are getting Honours degree in Biotechnology; however, for Post-Graduate Program they had no option but to go outside the University or are being deprived of higher education due to financial constraints or other impediments.

In this background Ranchi University, Ranchi has started a Post - Graduate Curriculum in Biotechnology, M.Sc. (Biotechnology) since 2009 to meet the desire and aspiration of the students of this University and elsewhere. The course is run by the University Department of Botany, Ranchi University, Ranchi which is well equipped with latest instruments and equipments and other infrastructural facilities to run the course. The University has appointed qualified faculties in M.Sc. (Biotechnology) to engage Theory and Practical classes.

Guest faculties from reputed Institution may also be engaged, if required. The Departmental Library has large number of books and a well established Computer Lab.

The course is of Two years duration with four semester examinations (CBCS). The course has been designed after going through the academic curriculum of various Universities. The main objective of the said program is to make students familiar with recent developments, techniques and applications of Biotechnology and to hone their merit so that they could get good jobs in Universities, Industries, Pharmaceuticals, Research Organization and other fields.



UNIVERSITY DEPARTMENT OF BOTANY
RANCHI UNIVERSITY, RANCHI
M.Sc. BIOTECHNOLOGY

VISION AND MISSION

- To inculcate deep interest amongst the students towards the subject with emphasis on the applied aspects.
- To motivate students towards innovative research activities and to prepare them to meet the challenges of the emerging trends and technologies.
- To help out the students in building a distinguished and purposeful career in the field of Biotechnology.
- To develop a **Centre of Excellence** in Biotechnology in the tribal rich belt of Jharkhand.


NUMBER OF SEATS

- **Sanctioned Seat** : 50
- **Free Seat** : 02 (Below Poverty Line)

FEE STRUCTURE


- **Tuition Fee Per Annum** : Rs. 30,000.00 (For ST/SC)
- **Tuition Fee Per Annum** : Rs. 40,000.00 (For GEN/OBC)

FACULTY MEMBERS

1.	Dr. Kunul Kandir M.Sc., Ph.D., D.Sc., Plant Taxonomy	Director	
----	--	----------	---





UNIVERSITY DEPARTMENT OF BOTANY
RANCHI UNIVERSITY, RANCHI
M.Sc. BIOTECHNOLOGY

2.	Dr. (Mrs.) Ladly Rani M.Sc., Ph.D., Plant Physiology	Course Coordinator	
3.	Dr. Amit Patnaik M.Sc., Ph.D.	Assistant Professor	
4.	Dr. Sunil Kumar Jha M.Sc., NET, Ph.D., Environmental Microbiology	Assistant Professor	
5.	Dr. Anita Sinha M.Sc., Ph.D., Immunology, Molecular Biology , Animal Biotechnology	Assistant Professor	



UNIVERSITY DEPARTMENT OF BOTANY
RANCHI UNIVERSITY, RANCHI
M.Sc. BIOTECHNOLOGY

6.	Dr. Vinay Oraon M.Sc., Ph.D., Microbiology	Assistant Professor	
7.	Dr. Rupa Verma M.Sc., Ph.D., Plant Biotechnology, Plant Pathology, Biochemistry, Microbiology,	Assistant Professor	
8.	Mr. Rajesh Kumar	Computer Operator	
9.	Mrs. Munu Hemrom	Grade - IV	