

DEPARTMENT OF MICROBIOLOGY

The Department of Microbiology was established in the year 2018-2019 under the aegis of TTWREIS, Tribal Welfare, and Gurukulam affiliated to Kakatiya University. It is offering (CBCS) B.Sc (MB.Z.C). The intake of students to the course is 40 students. This department was started with 18 students in B.Sc (Mb.z.cs) course in the first year i.e., 2018-19. First batch passed out with 100 % pass percentage and majority of the students join in higher education and few students joined in B.Ed. In addition to regular teaching aids ,ICT technology, Digital classroom teaching , Online mode of teaching is used regularly.Teaching practices involve using of Visual Charts and PPTs , interactive, lecturemode etc.The Department has well equipped Labs with ample number of instruments , Charts,Slides, Research Microscope, number of Compound Microscopes, Centrifuge, Hot Air Oven etc., for performing the practicals related to Syllabus.Since the establishment, the Department is acquiring material and equipment needed to conduct the Practicals..The result in the subject of Microbiology in the University Examinations is at an average of 97% this year. The departmental library has reference books, paper clippings, previous Question Papers, PG Entrance Books etc. which are kept for the use of students.Students are involved in Study projects and field based project Assignments are given to the students .The Department conducts extension lectures every year by inviting eminent persons like professors, Lecturers and Readers. The students are evaluated regularly by conducting Tests, Assignments, Seminars and Quiz programs.

Slow learners are treated with extra care by taking remedial classes.Counselling is given to the students so that they would overcome personal as well as career problems.More number of students opting for higher education in each year.

Vision:

- Microbiology making invisible world more visible
- To promote quality education to have better job opportunities and Pursing higher education
- To help in seeking right knowledge at right time.
- To inculcate scientific temper and provide platform research.

Mission:

- To empower students through education.
- To enhance scientific temper in students.
- To improve potency in attaining employment.
- To improve confidence levels and overall personality development.
- To cultivate healthy and hygienic environment, to be good citizen of future India and No to Extinction of mankind.

OBJECTIVES

- To provide understanding of the natural history of infectious diseases.
- To deal with the etiology, pathogenesis, pathogenic, laboratory diagnosis, treatment, control and prevention of these infections and infectious diseases.
- To impart up to date knowledge in bacteriology, virology, immunology, parasitology, mycology and molecular biology and also the essentials of medical statistics and epidemiology
- To teach laboratory skills in the above disciplines at the university and at affiliated places of learning
- To encourage research culture and activity

COURSES OFFERED

Program: B.Sc.

Course: MB.Z.C

Course : General Microbiology