



MANNAR THIRUMALAI NAICKER COLLEGE (Autonomous)
(An Autonomous Institution Affiliated to Madurai Kamaraj University)
(Accredited with “A” Grade by NAAC)
Pasumalai, Madurai -625004

B.Sc., MICROBIOLOGY

Program Specific Outcomes (PSO):

Students who graduate with a Bachelor of Science in Microbiology will

PSO1: Acquire knowledge on fundamentals of Microbiology.

PSO2: Understand on historical perspective of Microbiology, different types and structure of microbes and scope of various branches of Microbiology.

PSO3: Gain Knowledge on growth of Microbes and microbial metabolism and get to know about the microbes in environment.

PSO4: Grasp the fundamental concepts on gene transfer mechanisms in microbes, gene replications and receive elaborate knowledge on mutation and better understanding about gene regulation and various advanced techniques in Molecular Biology.

PSO5: Realize the application and productions of vermicompost and bioinoculants and understand the soil microorganisms and biogeochemical cycles prevail in environment.

PSO6: Gain insight on cells and organs of the immune system and Understand on various immunological reactions, techniques and autoimmune diseases.

PSO7: Be proficient on biomolecules and receive elaborate knowledge on genetic material in prokaryotes, mutations which are of importance for applying the knowledge in research.

PSO8: Assimilate technical skills on microbial genetics and molecular biology.

PSO9: Realize the application oriented aspects of Microbiology in mushroom cultivation.

PSO10: Understand the concepts on agriculture microbiology and able to know about global environmental problems.