

INDIRA GANDHI COLLEGE OF ARTS AND SCIENCE, NELLIKUZHY

DEPARTMENT OF BIOSCIENCE

Program outcomes (PO): BSc. Microbiology	
PO 1	Acquire knowledge in laboratory safety and in routine and specialized microbiological skills applicable to clinical research, including accurately reporting observations and analysis.
PO 2	Able to acquire, retain and apply specialized concepts and knowledge relevant to a plethora of microbiological fields.
PO 3	Will help them to impart the knowledge of the basic principles of bacteriology, virology, mycology, immunology and parasitology including the nature of pathogenic microorganisms, pathogenesis, laboratory diagnosis, transmission, prevention and control of diseases common in the country
PO 4	Acquire the ability to function effectively on teams to accomplish a common goal.
PO 5	Be able to communicate scientific concepts, experimental results and analytical arguments clearly and concisely, both verbally and in writing.
PO 6	Students learn to integrate science with society for the overall development of the nation.
PO 7	Students will demonstrate engagement in the Microbiology discipline through involvement in research or internship activities
PO 8	The course is reasoning and application based, making the students eligible for higher studies, jobs in various sectors and entrepreneurship abilities.

INDIRA GANDHI COLLEGE OF ARTS AND SCIENCE, NELLIKUZHY

DEPARTMENT OF BIOSCIENCE

Program outcomes (PO): BSc. Biotechnology	
PO 1	Acquire a strong base of all the concepts related to the life science and core Biology.
PO 2	Developing a Scientific aptitude and a keen interest in the biological sciences helping form an evaluative decision.
PO 3	Forms an Interdisciplinary approach by combining basic sciences with advanced technology.
PO 4	Understanding the need of world and thinking rationally to fulfill them in an environment friendly way
PO 5	Applying the basics of biotechnology to day- to-day life and upliftment of society.
PO 6	Gaining skills to manage personnel, space, inventory and the technical equipment.
PO 7	Compliance with safety and health regulations.
PO 8	The objective is to prepare long term biotech professionals and researchers for advanced research methodologies.