

J.J. College of Arts & Science (Autonomous), Pudukkottai

Department of Biochemistry

B.Sc. Biochemistry – USBC

Programme Specific Outcomes	
Upon Completion of the course students would be able to	
PO 1	Comprehend fundamental concepts in modern biology to meet the emerging trends
PO 2	Handle microbial, cellular and biochemical systems
PO 3	Facilitate placement in various clinical laboratories and biological research institutes
PO 4	Procure hands on real time experience in industries
PO 5	Contribute to the betterment of the society by inculcating expertise in healthcare sector

M.Sc. Biochemistry – MSBC

Programme Specific Outcomes	
Upon Completion of the course students would be able to	
PO 1	Acquire necessary knowledge and skills to undertake a career in research, either in industry or in an academic set up.
PO 2	Apply the knowledge of experimental approaches to solve problems of a chemical nature and will have an ability to extend that knowledge to the solution to new problems.
PO 3	Integrate and apply the techniques in Biophysics, Analytical biochemistry, Clinical biochemistry, Microbiology, Molecular biology and Basics in bioinformatics.
PO 4	Compare and contrast the breadth and depth of scientific knowledge in the broad range of fields of Biological Sciences.
PO 5	Describe and express the biochemical basis of human diseases, protein structure and conformation, non-invasive diagnostics, biochemical pathway regulation and drug development and synthesize this knowledge and apply the same for multitude of laboratory applications.