

**MAR ATHANASIOS COLLEGE (AUTONOMOUS),  
KOTHAMANGALAM  
CURRICULUM**

**POSTGRADUATE PROGRAMME OUTCOME**

<b>PO No.</b>	<b>Upon completion of postgraduate programme, the students will be able to:</b>
<b>PO-1</b>	Create, apply and disseminate knowledge leading to innovation
<b>PO-2</b>	Think critically, explore possibilities and exploit opportunities positively
<b>PO-3</b>	Work in teams, facilitating effective interaction in work places.
<b>PO-4</b>	Lead a sustainable life
<b>PO-5</b>	Embrace lifelong learning

**M. Sc. BIOCHEMISTRY PROGRAMME**

**PROGRAMME SPECIFIC OUTCOMES (PSO)**

<b>PSO No.</b>	<b>Upon completion of M.Sc. Biochemistry programme, the students will be able to:</b>	<b>PO No.</b>
<b>PSO-1</b>	Outline the concepts of molecular biology, microbiology, immunology and their application	
<b>PSO-2</b>	Analyse the structure-function relationships of biomolecules, interaction between macro molecules and cellular processes at the molecular level.	
<b>PSO-3</b>	Apply tools and techniques used in biological analysis	
<b>PSO-4</b>	Relate the metabolic pathways, clinical aspects, bioenergetics and enzyme catalysis.	
<b>PSO-5</b>	Utilize interdisciplinary knowledge in basic biotechnology and microbiology.	
<b>PSO-6</b>	Recognize environmental policies, problems and ethical issues related to Bioscience research.	
<b>PSO-7</b>	Develop research for promoting scientific innovations, entrepreneurship and life long learning.	