

Department of Mathematics
Nesamony Memorial Christian College, Marthandam
B. Sc. Mathematics
Programme Outcomes

Programme:		B.Sc., Mathematics
Programme Code:		06A
Duration:		UG - 3 Years
Programme Outcomes:	PO1	Disciplinary Knowledge: Capable of demonstrating comprehensive knowledge and Understanding of one or more disciplines that form a part of an undergraduate programme of study.
	PO2	Critical Thinking: Capability to apply analytic thought to a body of knowledge; analyse and evaluate evidence, arguments, claims, beliefs on the basis of empirical evidence; identify relevant assumptions or implications; formulate coherent arguments; critically Evaluate practices, policies and theories by following scientific approach to knowledge development.
	PO3	Problem Solving: Capacity to extrapolate from what one has learned and apply their competencies to solve different kinds of non-familiar problems, rather than replicate curriculum content knowledge; and apply one's learning to real life situations.
	PO4	Analytical Reasoning: Ability to evaluate the liability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyze and synthesize data from a variety of sources; draw valid conclusions and support them with evidence and examples and addressing opposing viewpoints.
	PO5	Scientific Reasoning: Ability to analyse, interpret and draw conclusions from quantitative/ qualitative data; and critically evaluate ideas, evidence, and experiences from an open minded and reasoned perspective.
	PO6	Self-directed & Lifelong Learning: Ability to work independently, identify and manage a project. Ability to acquire knowledge and skills, including "learning how to learn", through self-placed and self-directed learning aimed at personal development, meeting economic, social and cultural objectives.