

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

POSTGRADUATE PROGRAMME OUTCOME

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

M.Sc. MATHEMATICS PROGRAMME

PROGRAMME SPECIFIC OUTCOMES (PSO)

PSO No.	Upon completion of M.Sc Mathematics programme, the students will be able to:	PO No.
PSO-1	Acquire good theoretical insight, creative and logical mind for formulating, analyzing mathematical concepts.	1,2,4,5
PSO-2	Achieve abstract mathematical thinking capability and good knowledge in broad range of methods and techniques for analyzing and solving problems in Mathematics	1,2,4,5
PSO-3	Attain advanced knowledge and fundamental understanding of a number of specialist mathematical topics.	2,5
PSO-4	Develop skills to do project works independently and pursue higher studies towards the Ph.D. degree in mathematics	1,2,5
PSO-5	Acquire thorough knowledge to prepare for the CSIR NET, GATE and SET examinations	1,2,5
PSO-6	Gain proficiency to take up jobs as teacher in Mathematics at a higher level	1,2,3,5
PSO-7	Acquire self-learning and life-long learning skills, ethical values, self-discipline, environmental and social consciousness.	3,4,5