ST. JOSEPH'S COLLEGE (AUTONOMOUS), DEVAGIRI, CALICUT

CURRICULUM & SYLLABI

FOR

B.Sc. HONOURS IN MATHEMATICS

(UNDER CHOICE BASED CREDIT & SEMESTER SYSTEM UG- 2019)

(EFFECTIVE FROM 2022 ADMISSION)

<u>Programme Outcomes</u>

Programme Outcomes

POs	PROGRAMME OUTCOMES
PO1	The students can express and formulating applied problems in terms of mathematical and statistical languages.
PO2	The students can apply the programming concepts to mathematical investigations and problem solving in real life.
PO3	The students can improve life skills including critical thinking, effective communication, social interaction, ethics, self-directed learning.
PO4	The students will have the ability to communicate various concepts of mathematics effectively using examples and their geometrical visualization.
PO5	The students can apply mathematical modelling as required in various subjects such as physical sciences, economics, and business studies.
PO6	This programme will help to know about the advances in various branches of mathematics.
PO7	The students will have the capacity to work independently and do in depth study of various notions of mathematics.
PO8	Ability to pursue advanced studies and research in pure and applied mathematical sciences.
PO9	To produce graduates with good communication skills and Function effectively, individually and in teams, to accomplish tasks.
PO10	To produce graduates prepared for life-long learning and subsequent graduate studies.
PO11	To produce graduates with professional, ethical, legal, security and social responsibilities appropriate to the discipline.