

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



UNDER GRADUATE DEGREE PROGRAMME

**ST. JOSEPH'S CHOICE BASED CREDIT SEMESTER SYSTEM
(SJCBCSSUG)**

**BACHELOR OF SCIENCE (B.Sc.)
in
COMPUTER SCIENCE
(CORE, OPEN & COMPLEMENTARY COURSES)**

**Programme Outcome
(2019Admn Onwards)**

Programme Outcome

POs	PROGRAMME OUTCOMES
PO1	An ability to understand the core concepts of computer science and to enrich problem solving skills to analyse, design and implement software-based systems of varying complexity
PO2	To interpret real-time problems with analytical skills and to arrive at cost effective and optimal solution using advanced tools and techniques.
PO3	An understanding of social awareness and professional ethics with practical proficiency in the broad area of programming concepts by lifelong learning to inculcate employment and entrepreneurship skills
PO4	Learn to analyse and design a real world problem implementation and understand the dynamic behaviour of a system.
PO5	Demonstrate the ability to think critically and analyse problems; find effective solutions.
PO6	Understand the impact of the professional software engineering solutions in social and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO7	Recognition of the need for and ability to engage in continuing professional development.
PO8	An ability to apply mathematical foundations, algorithmic principles, and computer science theory in the modelling and design of computational systems in a way that demonstrates comprehension of the trade-offs involved in design choices.
PO9	An understanding of professional, ethical, legal, security, and social issues and responsibilities for the computing profession.
PO10	Recognize the need for, and develop the ability to engage in continuous learning in the context of technological change.