

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



**POST GRADUATE DEGREE PROGRAMME**

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

**MASTER OF SCIENCE  
IN  
STATISTICS**

**Programme Outcome**

**(2019Admn Onwards)**

## Programme Outcome

<b>POs</b>	<b>PROGRAMME OUTCOMES</b>
PO1	Gain sound knowledge in theoretical and practical aspects of Statistics;
PO2	Acquire the knowledge on modern statistical techniques relevant for today's scientific community;
PO3	Convince the need for systematic analysis of data in any scientific experiment;
PO4	Acquire the working knowledge of various statistical softwares and programming languages;
PO5	Acquire skills and competencies in statistical computing methods and develop algorithms and computer programmes for analyzing complex data sets;
PO6	Communicate effectively complex statistical ideas to people working in diverse spheres of academics and organizational set ups;
PO7	Handle and analyze large databases and make meaningful interpretations of the results;
PO8	Become professionally inclined statistics teachers/statistician/data scientist who have sound knowledge of the subject matter and specialized in knowledge discovery through statistical methods;
PO9	Acquire basic theoretical and applied principles of statistics with adequate preparation to pursue Doctoral (PhD) degree or enter job force as an applied statistician;
PO10	Make unique contribution for the development of discipline by addressing complex and challenging problems in emerging areas of the discipline;
PO11	Continue to acquire relevant knowledge and skills appropriate to professional activities and demonstrate highest standards of ethical issues in Statistical Sciences;
PO12	Create awareness to become an enlightened citizen with commitment to deliver one's responsibilities within the scope of bestowed rights and privileges.