

**Research Methodology: Quantitative Methods in Science & Mathematics Education Research**

Course Code: SCE110.2

Instructors: Prof. Aniket Sule & Dr. Mukul Mhaskey

Credits: 2

**Course Outcome:**

<b>Sr. No.</b>	<b>On completing the course students will be able to</b>
<b>CO 1</b>	To understand experiment design process including sampling methods and reliability.
<b>CO 2</b>	To understand and calculate descriptive statistics parameters of data.
<b>CO 3</b>	To learn to apply inferential statistical tests on the data and draw inferences from the test results.
<b>CO 4</b>	To get familiar with statistical analysis using python programming language and spreadsheet tools.