

Semester	3
Course ^{*1}	Skill Based Course
Paper Code	S2SO230311T
Paper Title	Statistics for Social Science Research
No. of Credits ^{*2}	3
Theory / Practical / Composite	Theory/Practical
Minimum No. of preparatory hours per week a student has to devote	3
Number of Modules	3
Syllabus	<p style="text-align: center;">Module 1</p> <p>Relevance of Statistics Graphical and Diagrammatic presentation of Data Measures of central tendency Measures of dispersion</p> <p style="text-align: center;">Module 2</p> <p>Excel ANOVA</p>
Learning Outcomes ^{*3}	<p>CO1 - Students will be able to describe and apply the steps of the scientific method: develop research hypotheses, gather data, analyze data, and provide an answer to the research question.</p> <p>CO2 - Students will experience quantitative data analysis through statistical software.</p> <p>CO3- They will learn to generate simple frequency distributions and measures of central tendency.</p> <p>CO4 -Students learn to identify nominal, ordinal, and interval-ratio variables, and they learn to create variables at these level</p> <p>CO5 -Students learn to create and present frequency distributions and graphs appropriate for the levels of measurement.</p>
Reading/Reference Lists ^{*4}	<p>Main Readings</p> <p>Baker, Therese.1998. ‘Operationalization and Measurement: From Concepts to Variables’ in Doing Social Research, Boston, Madison, New York: Mc-Graw Hill, pp:102-122.</p> <p>Bailey, Kenneth. 1982. Methods of Social Research. Free Press. pp.38-43, 53-59.</p> <p>Elifson, Kirk. 1990. Fundamentals of Social Statistics,</p>

	McGraw-Hill Publishing, pp.96-121.	
Evaluation	Theory CIA: 15 marks Semester Exam: 35 marks	Practical (if applicable) CA: Semester Exam:
Paper Structure for Theory Semester Exam	Total Marks 35 1 long question out of 2: $1 \times 15 = 15$ 2 short questions out of 4: $2 \times 10 = 20$	