

School of Humanities and Social Sciences
Department of Sociology
SC432 Social Statistics
2019 Spring Semester

(L2- T1- P0- CH3- CR 3)

Course Instructor: Sumesh S.S.

Course Objective:

This paper offers an introduction to quantitative sociology with special emphasis on methods and social statistics to collect and analyse the quantifiable aspects of social reality. It will familiarize the students with the basic aim of research which involves generalizations and theory building. Quantifying social phenomena helps the researcher collect and analyse data systematically with suitable methods with a view to drawing inferences.

Pre-requisites

SC 412 Research Methodology

Course Outline:

Unit 1

Statistics in social research, meaning, scope and limitations of statistics in social science research, presenting and summarising data

Unit 2

Measures of Central Tendency: Mean, Median, Mode, Measures of Dispersion: Standard/Quartile Deviation, Co-relational Analysis: Tests of significance and covariance Regression analysis, Methods of hypothesis testing: chi-squared test, t-test and z-test

Unit 3

Methods and use of macro-statistics and secondary sources, Application of Computers in Social Research, SPSS.

Course Plan

Contact Hours	Topics
1	Introduction to the course
2	Social Statistics- Introduction
3	Scope and limitations of statistics in social science research
4	Limitations of statistics in social science research
5	Presenting data
6	Summarising data
7	Measures of Central Tendency: Mean
8	Measures of Central Tendency: Mean
9	Measures of Central Tendency: Median

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Sumesh S.S.

Reflective practicing and experiential learning will be the basis of teaching and learning process. The time in class will be split between lectures, discussions, micro group tasks and a workshop.

Course Requirements / Mode of Evaluation

As per the University guideline.

Type A- 2 Tests (Mid Term & End Term)

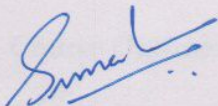
Type B- 2 Tests (Applying SPSS & Term Paper)

The timing will be announced later as per the directives from controller of examinations time to time.

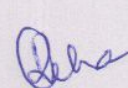
Expected outcome

By the end of the course, the students should be able to:

1. Use social statistics to analyse and interpret the quantifiable social reality.
2. Apply basic social statistic techniques for analysing scientific data.
3. Apply SPSS for social science research



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 18/01/2019
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