



The Islamia University of Bahawalpur

DEPARTMENT OF ECONOMICS

Course Plan

Class: MSc (Economics)

Semester- 4th

Course Title: Research Methodology Course Code: ECON 40201	Credit Hours: 3
Instructor: Prof. Dr. Rana Ejaz Ali Khan Department of Economics.	Contact: ranaejazalikhan@yahoo.com ranaejazalikhan@iub.edu.pk

Objectives

- To give the students basic understanding of theoretical aspects of research methodology
- To train the students to do research in the field of economic
- To prepare the students to do their theses as partial requirement of their degrees

Modes of Instruction

Lectures covering the course outline
Reviewing of research articles as assignments
Guidelines for writing the term paper

Reference Books		Research Papers
i	Social Research Methods – Qualitative and Quantitative Approaches. Allyn and Bacon: Boston. Author: Lawrence Neuman	Different articles for groups of the students depending upon their areas of interest
ii	Research Methods for Business. John Willey & Sons, Inc. Author: Uma Sekeran	

Grading Exam (Date to be announced), Assignments, Presentation of Term Paper

Course Outline

Weeks	Topics	Tutorial/ Assignments
1 st	Literature Review, Goals of literature review, Types of literature review. Assignment No.1: Review writing of articles from journals (Economics)	Tutorial
2 nd	What is research / Social research, Alternative to social Research, Pseudoscience, Scientific community, Norm of scientific community.	Tutorial
3 rd	Term paper: Allocation of topic to groups of students. Introduction to the broader areas of term paper. Focusing on the research question.	Tutorial
4 th	Dimension of Research, Purpose of a study: exploration, descriptive, explanation.	Tutorial
5 th	Use of Research: Basic research, Applied research, Type of applied research: (Action research, Social impact assessment, Evaluation research - two types of evaluation research).	Tutorial
6 th	Time Dimension: Research, Cross-sectional Research, Longitudinal Research, Time series research, The panel study, Cohort analysis, Case studies.	Tutorial
7 th	Assignment No.2 Application of estimation technique (Time series)	Assignment
8 th	Evaluation of work on term-paper (First assessment)	Viva voce
9 th	Mid-Term Examinations	
10 th	Data collection techniques, qualitative data, experiments, content analysis, existing statistics. Quantitative Data: Field research, Historical comparative	Tutorial

	research.	
11th	What is theory, social theory vs ideology. The parts of theory (Concept clusters, Assumptions, Classification, Relationship, Scope). Assignment No.3: Logit Model Application to the given data	Tutorial
12th	Facts vs theory, forms of theory (i) Direction (ii) Level of theory- Formal and substantive theories. Forms of explanation.	Tutorial
13th	Three approaches to social science: Positive social science, interpretive social science, critical social science.	Tutorial
14th	Assignment No.4: Causality Model: Application of causality model in economics	Tutorial
15th	Hypothesis and causality, Types of hypothesis, reliability and validity. Three types of reliability. Validity. Four types of validity. Index construction, how to deal with missing data?	Tutorial
16th	Sampling. Non-probability – non random sampling. Haphazard. Quota, purposive, snowball, deviant cases. Sequential, theoretical. Probability Sampling, Types of probability sampling	Tutorial
17th	Presentation of term-paper + viva voice	Presentation
18th	Final Term Examination	

Student Evaluation Criteria

Attendance	5%
Assignments	5%
Surprise Test, Quizzes	5%
Class Participation	5%
Mid Term Paper	30%
Final Term paper	50%
Total	100%