

## Planning Research Methods

<b>Code</b> URP 803	<b>Credit Hours</b> 3-0
------------------------	----------------------------

### Course Description

This course provides in-depth understanding of various research methods and their significances. The student will be able to understand various research methods and their significances and will be able to prepare their own research proposals.

### Reference Book:

1. Kate L. Turabian: A Manual for Writers of Term Papers, Theses and Dissertations. (Latest Edition)
2. Jack P. Gibbs; Urban Research Methods. (Latest Edition)
3. Harry Teitelbaum: How to write Thesis: A Guide to the Research Paper. (Latest Edition)
4. William J. Goode and Paul K. Hatt; Methods in Social Research.(Latest Edition)
5. James A. Black and Dean J. Champion; Methods and Issues in Social Research. (Latest Edition)
6. John Goltung, Theory and Methods of Social Research. (Latest Edition)
7. Elliott S.M. Gatner and Francisco; Research and Report Writing. (Latest Edition)
8. Kumar, Ranjit, Research Methodology, Saga Publications, London, 2000

### Prerequisites

Nil

### ASSESSMENT SYSTEM FOR THEORY

Quizzes	10-15%
Assignments	5-10%
Mid Terms	25%
ESE	40-50%
Term Project	10%

## Teaching Plan

Week No	Topics	Learning Outcomes
1	Introduction	Why to do research in planning? Expectations from a piece of research.
2- 3	Types of research	Various research methods, their use and limitations
4-5	Principles of research methods	Principles of selecting appropriate research methods for an inquiry.
6-7	Design and research process	Critically evaluating published research
8	Measurement in the social sciences	validity and reliability and how to assess them. The nature of quantitative and qualitative research and their integration.
9	<b>MID SEMESTER EXAM</b>	

10-11	Philosophy of quantitative research	Experiments and experimental design. Survey research: types and aims of surveys, Sampling and generalization
12-13	Structured interviews and self-created questionnaire	Differences between them; relationship to measurement issues.
14-15	Techniques of analyzing quantitative data	Hypotheses testing and identification of relationships among variables through bi-variate and multivariate analysis. Tests of significance.
16	Philosophy of qualitative research.	Participant observation. Unstructured interviewing. Field observations. Case study strategy. Qualitative data analysis. Conversation analysis. Focus groups.
17	Presentation of findings	Writing-up of the thesis and dissemination of research work. Managing research projects: mobilizing resources, team building, time management, quality control on performance, confidentiality and ethical issues, progressing and expediting, managing costs and estimation, managing conditions of high uncertainty and difficulties in successful completion of research projects.
18	<b>END SEMESTER EXAM</b>	