

SEMESTER-VI

CPSY-321

RESEARCH METHODS-II

Credit Hour: 3

Type: Major

Course Objectives

The main objective of this Course is to cover research designs, methodologies and measurement strategies. The Course will also include report writing as per APA format.

Course Contents

- **Research Design**

What is research design?

Purpose of research

Design

- **Quantitative Research Designs**

- **Survey Designs**

Nature, goals, and basic steps

Survey methods: Mail survey, personal interviews, telephone survey.

Survey research design types: Cross-sectional design; Successive independent samples design; Longitudinal design

- **Experimental Research Designs**

Experimental method: Control and variability, logic, characteristics.

Independent measures designs/ between group design

Alternative independent group design

Methodological issues: Individual differences; assigning conditions

Repeated measures designs/ within group design

- **Quasi – Experimental designs**

Retrospective/ Ex Post Facto Design

Prospective Quasi- Experimental design

Time Series Designs

Event- Specific Alignment Designs

Twin Studies and Adoption Studies

- **Factorial Designs**

Small N Designs

Classical, After- Only, Before- After No Control Group, Crossover, Solomon

Four- group

- **Qualitative Research Techniques**

- **Ethnographic Research**

- **Case Study Methods**

- **Focus Group Discussion**

- **Research Report Writing & Publishing Research**

The structure of a research report based on APA standards: Title page, abstract, introduction, review of relevant literature, method, results, discussion, references and citation

Course Outcomes

At the completion of the Course, the Student will be able to apply theoretical knowledge to select appropriate research design to plan and execute research project. They will also be able to write research proposal and research thesis according to APA format.

Recommended Books:

Breakwell, G. M., Smith, J.A., & Wright, B. (2012). Research methods in Psychology. (4th ed.). London: Sage Publications.

Creswell, J. (2008). Research design: Qualitative, quantitative, and mixed methods approach. UK: Sage Publications.

Edmonds, W., & Kennedy, T. (2013). An applied reference guide to research designs: Quantitative, qualitative, and mixed methods. UK: Sage Publications.

Flick, U. (2011). Introducing research methodology: A beginner's guide to doing a research project. London: Sage Publications.

Goodwin, C. J. (2002). Research in Psychology: Methods and design. (3rd ed.). New York: John Wiley & Sons.

Mitchell, M. L., & Jolley, J. M. (2010). Research design explained. (7th ed.). Australia; Wardsworth

Mook, D.G. (2001). Psychological research: The ideas behind the methods. New York: W. W. Norton & Company.

Nestor, P. G., & Schutt, R.K. (2012). Research methods in Psychology: Investigating human behavior. London: Sage Publications.

Portney, L. G., & Watkins, M. P. (2007). Foundations of clinical research: Applications to practice. USA: John Appleton & Lange.

Ray, W. J. (2000). Methods toward a science of behavior and experience. (6th ed.). U.S.A: Wadsworth Thomson Learning.

Reis, H. T., & Judd, C.M. (2000). Handbook of research methods in social and personality Psychology. UK: Cambridge University Press.

Remler, D. K., & Van Ryzin, G.G. (2011). Research methods in practice; Strategies for description and causation. London: Sage Publications.

Shaughnessy, J. J., Zechmeister, E. B., & Zechmeister, J. S. (2005). Research methods in Psychology. (5th ed.). Singapore: McGraw-Hill.

Sarangi, P. (2010). Taxmann's research methodology: Live case studies, excel applications on CD (2nd ed). New Delhi: Taxmann Publications.

Sanders, L.D. (2010). Discovering research methods in Psychology: A Student's guide. UK: Blackwell Publishing Ltd.

Stanger, C. (2011). Research methods for the behavioral sciences. (4th ed.). Australia: Wadsworth Publishing Company.

- **Relevant published articles should be included in the list of reading material**