

Course Code: APSY- 362
Course Title: Research Methods-II (Practical)

Credit Hours: 1
(Major Course)

Introduction

The aim of this course is to develop student skills in research methods through the extension and application of skills developed in the research methods courses. Students will be taught to apply their emerging research skills to practical research problems. Important skills will include developing research problems, data collection, being able to and apply appropriate statistical methods; and extension exercises in which students have to demonstrate their ability to learn new techniques not previously taught. An important element of this course will be a project that requires the formal involvement in a research process.

Course Objectives

1. 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.

Learning Outcomes

Upon completion of the course, the student will be able to:

1. apply theoretical knowledge to select appropriate research design to plan and execute research project.
2. write research proposal and research thesis keeping in mind APA format.

Contents

Unit-I

1.1 Mini Research Project

A group of 3 to 5 students will conduct a mini research project based on quantitative method of investigation.

Teaching-learning Strategies

Assigned supervisor will meet the groups of students and explain them the method to conduct research and to write report on it according to APA format.

Assessment and Examinations:

Total Marks: 100

Each student will prepare a research report and assessment and evaluation will be carried out by an external examiner on the basis of research report and viva voce

Suggested Readings:

- **Books**

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

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

Mook, D.G. (2001). *Psychological Research: The Ideas behind the Methods*. New York.

Nachmias, C.F. & Nachmias, D. (1992). *Research Methods in the social sciences* (4th ed.). London: St. Martin's Press, Inc.

- Ray, W. J. (2000). *Methods toward a Science of Behavior and Experience* (6thed), U.S.A: Wadsworth Thomson Learning.
- Reis, H. T. & Judd, C.M.(2000). *Handbook of Research Methods in Social and Personality Psychology*. United Kingdom, Cambridge University Press.
- Shaughnessy, J. J., Zechmeister, E. B., & Zechmeister, J. S. (2005). *Research methods in psychology* (5th ed.). Singapore: McGraw-Hill.

- **Journal Articles / Reports**

- Adjerid, I., & Kelley, K. (2018). Big data in psychology: A framework for research advancement. *American Psychologist*, 73(7), 899.
- Kemp, A. H., & Fisher, Z. (2021). Application of Single-Case Research Designs in Undergraduate Student Reports: An Example From Wellbeing Science. *Teaching of Psychology*, 00986283211029929.
- Ledford, J. R., Barton, E. E., Severini, K. E., & Zimmerman, K. N. (2019). A primer on single-case research designs: Contemporary use and analysis. *American journal on intellectual and developmental disabilities*, 124(1), 35-56.
- Larkin, M., Shaw, R., & Flowers, P. (2019). Multiperspectival designs and processes in interpretative phenomenological analysis research. *Qualitative Research in Psychology*, 16(2), 182-198.
- McCrudden, M. T., Marchand, G., & Schutz, P. (2019). Mixed methods in educational psychology inquiry. *Contemporary Educational Psychology*, 57, 1-8.
- Nahum-Shani, I., & Dziak, J. J. (2018). Multilevel factorial designs in intervention development. *Optimization of Behavioral, Biobehavioral, and Biomedical Interventions*, 47-87.
- Possi, M. (2020). Analysis of Single-Subject Research Designs in Special Needs Education: Some Examples for Application. *Papers in Education and Development*, 37(1).
- Willig, C. (2019). What can qualitative psychology contribute to psychological knowledge?. *Psychological Methods*, 24(6), 796.