

**DISCIPLINE SPECIFIC ELECTIVE COURSE-H0: RESEARCH  
METHODS IN PSYCHOLOGY**

**CREDIT DISTRIBUTION, ELIGIBILITY AND PRE-REQUISITES OF THE COURSE**

Course Title & Code	Credits	Credit Distribution of the Course			Eligibility Criteria	Pre-requisite of the Course (if any)
		Lecture	Tutorial	Practical/Practice		
<b>DSE- 10 RESEARCH METHODS IN PSYCHOLOGY</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>Class 12<sup>th</sup> Pass</b>	<b>Familiarity with Paradigmatic foundations of psychological inquiry and techniques of data collection</b>

**Learning Objectives**

- To present the essential steps, process and considerations of designing research in Psychology
- To introduce the key techniques quantitative and qualitative techniques of data-analysis in psychological research
- To acquaint students with the possibilities in mixed methods research in Psychology

**Learning outcomes**

After learning the course the student will be able to:

- Understand the utility and key differences of major qualitative data analysis techniques.
- Understand and appreciate the utility and different approaches to mixing methods in psychological research.
- Design an ethically grounded psychological research study and write a proposal for the same

**SYLLABUS OF DSE- 10**

**UNIT – I Introduction to Research Methods in Psychology (10 hours)**

Introduction to psychological research and its goals; Common research forms: Exploratory research, Descriptive research and Explanatory research; Delineating Steps of Quantitative and Qualitative Research

**UNIT - II Issues of Design in Quantitative and Qualitative Studies (10 hours)**

Designing Quantitative and Qualitative Studies: Language of Variables and Hypothesis v/s Language of Cases and Context; Research Question Method Link: Survey, Observation, Interview, Focus Group Discussion; Measurement process in Quantitative and Qualitative

Research: Conceptualisation, Operationalisation, Reliability and Validity; Sampling in Quantitative and Qualitative Research: Types and techniques

**UNIT – III Approaches to Quantitative and Qualitative Data Analysis (15 hours)**  
Quantitative Approaches: Correlation and Regression Analysis; Qualitative Approaches: Thematic analysis, Grounded Theory & Narrative Analysis

**UNIT – IV Mixed-methods Research (10 hours)**

Why mix methods of research? Using quantitative and qualitative methods as complementary modes of inquiry; Mix-method designs: Triangulation Design, Embedded Design, Explanatory Design, Exploratory Design; Mixed-method sampling; Mixing qualitative methods: Pluralistic Qualitative Research (PQR)

**Practical Component (30 Hours)**

**Suggestive Practicals**

- Designing and conducting a correlational study using suitable variables, and standardised tools/questionnaires/tests.
- Conducting an interview /observation/ FGD/ case study as a method of data collection and then analyse it using a suitable method of qualitative data analysis such as thematic analysis.
- Designing a mixed-method study (quantitative-qualitative mixed method or pluralistic qualitative research) and writing a detailed research plan/proposal for the same.

**Tutorial Component- Nil**

**Essential/Recommended Readings**

Bansal, P. (2019). *Psychology: Debates and controversies* SAGE Publications India Pvt. Ltd.

Bryman, A. (2004). *Quantity and quality in social research*. London, UK: Routledge.

Coolican, H. (2006). *Introduction to research methodology in psychology*. London: Hodder Arnold

Corbetta, P. (2003). *Social research: Theory, methods and techniques*. United Kingdom: SAGE Publications.

Creswell, J. W. (2014). *Research design: Qualitative, quantitative, and mixed methods approaches*. 4th ed. Thousand Oaks, California, SAGE Publications

Frost, N. (2021). *Qualitative research methods in psychology: Combining core approaches* (2<sup>nd</sup> ed.). United Kingdom: McGraw-Hill Education.

Howitt, D., Cramer, D. (2014). *Introduction to research methods in psychology*. United Kingdom: Pearson.

Lammers, W. J., & Badia, P. (2005). *Fundamentals of behavioral research*. United States of America: Thomson/Wadsworth.

Neuman, W.L. (2014). *Social research methods: Qualitative and quantitative approaches*. Boston: Pearson Education.

Willig, C. (2021). *Introducing qualitative research in psychology*. United Kingdom: Open University Press.

#### **Suggestive Readings**

Bielski, P. (2010). *Handbook of emergent methods*. Edited by Sharlene Nagy Hesse- Biber and Patricia Leavy. London. The Guilford Press

Charmaz, K., McSpadden, E., Anderson, R., McMullen, L. M., Josselson, R., Wertz, F. J. (2011). *Five ways of doing qualitative analysis: Phenomenological psychology, grounded theory, discourse analysis, narrative research, and intuitive inquiry*. United Kingdom: Guilford Publications.

Creswell, J. W., Plano Clark, V. L. (2017). *Designing and conducting mixed methods research*. United States: SAGE Publications.

Givens, L.M. (2008) *The SAGE encyclopaedia of qualitative research methods*. UK: SAGE Publications.

Mertens, D. (2020). *Research and evaluation in education and psychology: Integrating diversity with quantitative, qualitative, and mixed methods* (5th Ed.). SAGE.

**Note: Examination scheme and mode shall be as prescribed by the Examination Branch, University of Delhi, from time to time.**