SES's L. S. RAHEJA COLLEGE OF ARTS AND COMMERCE
(AUTONOMOUS)

Syllabus of Behavioural Research Methods under NEP 2020 vertical (Major) with effect from 2024- 25

Department of Psychology

HoD/Sr. Person of the Department: Neha Dalal

Date of approval by the BoS: 27/04/2024

Approved by the Academic Council on: 29/04/2024

Ratified by the Governing Body on: 06/05/2024

Programme: Bachelor of Arts				Semester: I	
Course: Behavioural Research Methods Academic Year: 2024-2025 Batch: 2024-2027				Code: **UGBAIPSYMJ224**	
Teaching Scheme			Evaluation Scheme		
Lectures	**Practical**	**Tutorials**	**Credits**	**Internal Continuous Assessment (ICA) (weightage)**	**Term End Examinations (TEE) (weightage)**
30	**Nil**	**Nil**	02	20	30
Particulars				Marks	
Class tests				10	
Projects				5	
Viva Voce				5	

Learning Objectives:	1) Understand the steps involved in the scientific method and its application in experimental psychology. 2) Demonstrate proficiency in selecting appropriate statistical tools for data analysis and interpretation.
Learning Outcomes:	1) Design an experiment with clearly defined independent and dependent variables. 2) Select and justify the use of statistical tools for analyzing specific types of data.
Pedagogy:	Interactive lectures, problem-based learning, ethical case studies, practical assignments

Module	Module Content	Module Wise Pedagogy Used	Module Wise Duration
I	**Introduction to experimental psychology** a) Scientific methods overview and research ethics b) Introduction to experimental, quasi-experimental, and non-experimental designs. c) Independent and dependent variables. d) Importance of controlling variables in experimental research. Identifying and addressing confounding variables. e) Types of sampling techniques: random, stratified, and convenience sampling. Generalizability and external validity in research.	Interactive lectures, problem-based learning, ethical case studies, practical assignments	15
II	**Data Analysis Techniques** a) Measures of central tendency and variability. b) Graphical representation of data. c) Parametric and non-parametric tests d) Hypothesis testing: t-tests, ANOVA, Post hoc tests, Chi-Square e) Correlation and regression analysis.	Interactive lectures, problem-based learning, ethical case studies, practical assignments	15

REFERENCE BOOKS

Banyard, P., & Grayson, A. (2016). Introducing Psychological Research: Sixty Studies That Shape Psychology. Wiley-Blackwell.

Cozby, P. C., & Bates, S. C. (2015). Methods in Behavioral Research (12th ed.). McGraw-Hill

Education. Gravetter, F. J., & Wallnau, L. B. (2013). Statistics for the Behavioral Sciences (9th ed.).

Cengage Learning.

Gravetter, F. J., & Forzano, L. B. (2018). Research Methods for the Behavioral Sciences (6th ed.). Cengage Learning.

Nevid, J. S. (2018). Essentials of Research Methods in Psychology (3rd ed.). Cengage Learning.

Rosenthal, R., & Rosnow, R. L. (2008). Essentials of Behavioral Research: Methods and Data Analysis. McGraw-Hill Education.

Shaughnessy, J. J., Zechmeister, E. B., & Zechmeister, J. S. (2014). Research Methods in Psychology (10th ed.). McGraw-Hill Education.

QUESTION PAPER PATTERN
(30 marks)

Q1. Answer any one   (15 marks)
A.   Unit one
Or
B.   Unit one

Q2. Answer any one   (15 marks)
A.   Unit two
Or
B.   Unit two