

GANPAT UNIVERSITY									
FACULTY OF SOCIAL SCIENCES AND HUMANITIES									
Programme	Bachelor of Arts					Branch/Spec.	Psychology		
Semester	III					Version	1.0.0.0		
Effective from Academic Year	2026-27					Effective for the Batch admitted in	July 2025		
Course Code	BPSY201		Course Name			Experimental Psychology			
Teaching Scheme					Examination Scheme (Marks)				
(Per week)	Lecture (DT)		Practical (Lab.)		Total		CE	SEE	Total
	L	TU	P	TW					
Credit	04	00	04	00	04	Theory	50	50	100
Hours	04	00	04	00	04	Practical	00	00	00
Pre-requisites									
Familiarity with elementary statistics (mean, standard deviation, simple graphs) Ability to observe, record and interpret behaviour systematically.									
Course Objective									
To develop students' ability to understand, design and evaluate psychological experiments by applied scientific methods to the study of behaviour and mental processes.									
Course Outcomes									
On successful completion of the course, the students will be able to:									
CO1	Understand the experimental method in psychology.								
CO2	Identify and control variables in psychological experiments								
CO3	Perform and interpret classical experiments in experimental psychology.								
CO4	Conduct psychological experiments systematically and report findings in a scientifically appropriate and ethical manner.								
Theory Syllabus									
Unit	Content								Hrs.
1	<b>Foundations of Experimental Psychology-</b> Nature and scope, Historical development, Variables, Internal and external validity, Reliability, sampling, minimizing effect of extraneous variables								15
2	<b>Experimental Designs-</b> Concept of experimental design, Types of designs: Between-subject design, Within-subject design, Factorial design, Laboratory vs, Field Experiments, Single-subject experimental designs, Control and Experimental groups, Randomization, Ethics in Experimental psychology								15
3	<b>Experiments on Basic Psychological Processes-</b> Experiments on sensation and perception: Absolute threshold, Difference threshold- Weber's Law, Concept o Simple and Choice Reaction Time, Principles of Trial-and-Error (Thorndike) vs. Insight., Verbal learning- Paired Associate Learning name; Level of Aspiration: Measurement of Motivation								15
4	<b>Practical Experiments-</b> Personality & Adjustment: Maudsley Personality Inventory (Eysenck), Level of Adjustment Scale (Singh & Koradia); Cognitive Scales: Verbal test of Creative thinking, Academic Resilience Scale, Academic Quotient Scale; Social & Clinical Scales: Sodhi's Attitude Scale, Social Anxiety Disorder Scale, Psychosocial Competence Scale, Student Examination Anxiety Test, Bhatia Battery of Performance Intelligence Test, Mirror Drawing Apparatus with Star Paper, Memory Drum Apparatus								15
Exam: Theory 100%, Numeric 0%									
Viva / Experiments will be conducted in CCE for practical components									
Practical Content									
Practical, assignments and tutorials are based on above syllabus.									
Text Books									
1	Experimental Psychology by Anne Myers & James R. Hansen (Latest Edition: 7th Ed, 2024/2025 reprint)								
Reference Books									
1	Experimental Psychology by B.L. Lamberth (Recent Edition)								
2	Introduction to Psychology by Baron & Misra (Latest Indian Adaptation, 5th Ed, 2024/2025).								
3	Psychological Testing by Anne Anastasi & Susana Urbina (7th Edition, Pearson India Adaptation								

## ICT/MOOCs Reference

1 [https://onlinecourses.nptel.ac.in/noc26\\_hs02/preview](https://onlinecourses.nptel.ac.in/noc26_hs02/preview)

## Mapping of CO with PO and PSO:

Course Outcome (CO) No.	PO-CO Mapping								PSO-CO Mapping					
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
CO1	3	2	1	1	1	1	1	2	3	1	2	1	1	1
CO2	3	3	3	2	1	2	1	2	2	3	3	1	2	1
CO3	2	3	3	2	1	1	1	2	2	3	3	1	3	1
CO4	2	3	3	3	3	1	2	3	2	3	3	3	3	2