



(Master of Arts) (Programme Name)
 (MA Psychology) (Programme Name) Semester (I)

Course Code	PAO1CPSY52	Title of the Course	Advance Experimental Psychology (Theory)
Total Credits of the Course	4+1	Hours per Week	05

Course Objectives:	<ul style="list-style-type: none"> • 1. To familiarize the student with a basic and broad understanding of the scientific method and its application to the problems of Psychology through experiments. • 2. To identify and apply appropriate statistical tests with respect to measurement scales and experiment characteristics.
--------------------	---

Course Content		
Unit	Description	Weightage* (%)
1.	Introduction to Experimental Psychology & Psychophysics 1.1: Introduction, Nature and Scope of Experimental Psychology 1.2: Variables, Experimental Group, Control Group 1.3: Types of Experimental Design 1.4: Basic Concepts of Psychophysics 1.5: Methods of Psychophysics	25%
2.	Learning & Conditioning 2.1: Meaning Nature & Types of Learning 2.2: Methods of learning & Factors Affecting Learning 2.3: Classical Conditioning & Instrumental Conditioning 2.4: Avoidance Learning & Punishment 2.5: Generalization & Extinction	25%
3.	Thinking, Memory & Problem Solving 3.1: Meaning, Nature & Types of Thinking 3.2: Meaning & Types of Memory 3.3: Theories of Thinking & Memory 3.4: Problem Solving & Higher Mental Process, Strategies of Problem Solving 3.5: Creativity	25%
4.	Attention, Perception & Motivation 4.1: Meaning, Nature & Types of Attention, Factors Influencing Attention 4.2: Meaning & Types of Perception, Laws of Grouping 4.3: Depth Perception, Perceptual Disorders 4.4: Motivation, Meaning & Types of Motivation 4.5: Theories of Motivation	25%





Teaching-Learning Methodology	Lecture Method PowerPoint Presentation
-------------------------------	---

Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weightage
1.	Internal Written / Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: Having completed this course, the learner will be able to	
1.	Students would learn to explore and understand behaviour through empirical research methods.
2.	Students would gain the knowledge of essential psychological phenomena to understand the human behaviour.
3.	Students would learn to utilize scientific methods to learn about the mind and cognitive processes.

Suggested References:	
Sr. No.	References
1.	Anderson John R. (1980). Cognitive Psychology: and its implications. IInd edition, W. H. Freeman and Company, New York
2.	Broota K.D. (2018). Experimental Design in Behavioural Research. New Age International Publishers: New Delhi.
3....	D'Amato M. R. 90(1976) , Experimental Psychology: Methodology Psychophysics and Learning. NEW York-Tokyo, McGraw Hill Kogakusha





4.	N S Pathak : Advanced Experimental psychology
5.	Snodgrass and Haydon (1998). Human Experimental Psychology
6.	Woodworth R. S. & Schosberg H. (1938) : Experimental Psychology. New York (Holt) Rinehart and Winston Inc. Third Indian Reprint Oxford IBH Publishing Co. New Delhi, Bombay, Calcutta
7.	Williams Ray: An Introduction to Experiment and Design Mc Milan New York
8.	Williams Ray: An Introduction to Experiment and Design Mc Milan New York

On-line resources to be used if available as reference material

On-line Resources

<https://opentextbc.ca/researchmethods/chapter/experimental-design/>

<https://www.psychologydiscussion.net/term-paper/attention-term-paper/attention-definition-types-and-characteristics-term-paper-psychology/13522>

<https://www.verywellmind.com/gestalt-laws-of-perceptual-organization-2795835>

https://www.google.com/url?sa=t&source=web&rct=j&url=https://www.cise.ufl.edu/class/cap5108sp16/scribedlectures/gonsalvesdrew_621138_27994103_Drew_Gonsalves_Psychophysic_Scribed_Lecture_Mar22.pdf&ved=2ahUKEwil0ui-2MHuAhUJ6XMBHdIQBm0QFjABegQIAhAF&usg=AOvVaw05f7ijlmEvaC2SnniUpB7j

