



Integral University, Lucknow

Effective from Session: 2023-2024							
Course Code	HS 401	Title of the Course	Cognitive Psychology I; Attention, Perception & Memory	L	T	P	C
Year	I	Semester	I	4	0	0	4
Pre-Requisite	Graduation	Co-requisite	None				
Course Objectives	To acquaint students with the basic concepts of cognitive psychology. To develop an understanding of attention, perception, memory and imagery.						

Course Outcomes	
CO1	Students will be able to Recognize, understand and define the basic concepts of Cognition
CO2	Students will be able to Understand and Analyze the use of models and implement to study cognition
CO3	Students will be able to apply depth knowledge evaluate functional cognitive processes
CO4	Students will be able to understand scientific concepts of brain, model, and its level approaches
CO5	Students will be able to understand the Theories of Imagery and Forgetting

Unit No.	Title of the Unit	Content of Unit	Contact Hrs.	Mapped CO
1	INTRODUCTION TO COGNITIVE PSYCHOLOGY	Historical Antecedents; Basic Concepts – Mental Representations and Processing; Artificial Intelligence; Scope of Cognitive Psychology – Experimental Psychology, Cognitive Science and Cognitive Neuropsychology Computational Modeling – concepts and types.	10	CO1
2	ATTENTION	Meaning of attention; Theories of Attention – Filter Theories, Capacity Theories, Feature Integration Theories, Automaticity Theories.	9	CO2
3	PERCEPTION	Depth Perception; Perceptual Constancies; Pattern Recognition and Theories- Bottom-Up and Top-Down; Template Matching etc.	8	CO3
4	MEMORY	Structure of memory; Models of memory- Atkinson-Schiffrin Model, Levels of Processing Approach, Tulving’s Model Types of memory- Sensory Memory, Short Term Memory, Long Term Memory	8	CO4
5	IMAGERY AND FORGETTING	Theories of Imagery- Dual Coding Theory and Kosslyn’s Theory; Theories of Forgetting- Trace Decay, Repression	8	CO5

Reference Books:

- Anderson , J.R. (1985). Cognitive Psychology and Its Implications , New York, Freeman
- Best,J.B.(1995). Cognitive Psychology. Fourth Edition. West Publishing Company
- Eysenck, M. and Keane,M. (1990) Cognitive Psychology: A student’s Handbook: Psychology Press
- Galotti, K.M. (2001). Cognitive Psychology In and Out of the Laboratory. Second Edition. Wadsworth Publishing Company
- Matlin,M.W.(1995). Cognition. Third Edition. A Prism India Edition
- Payne, D.C. and Wegner, M.J. (1998). Cognitive Psychology, Houghton Mifflin Co

e-Learning Source:

- https://www.academia.edu/9970633/Cognitive_Psychology_Introduction_to_Cognitive_Psychology
- <https://www.tandfonline.com/doi/full/10.1080/10447318.2021.1874741>

Course Articulation Matrix: (Mapping of COs with POs and PSOs)

PO-PSO CO	Course Articulation Matrix: (Mapping of COs with POs and PSOs)															
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	PSO7	PSO8	
CO1	2	2	2	1	2	3	1	2	3	2	2	3	2	3	3	
CO2	2	2	1	2	2	2	2	3	3	2	3	2	2	2	1	
CO3	2	2	1	3	3	2	2	2	1	3	2	1	1	2	1	
CO4	2	2	2	2	2	2	3	3	2	2	2	2	3	1	2	
CO5	1	1	2	2	1		1	2	2	3	2	2	3	1	3	

1- Low Correlation; 2- Moderate Correlation; 3- Substantial Correlation

Name & Sign of Program Coordinator

Sign & Seal of HoD