

Course Type	Course Code	Name of the Course	L	T	P	Credits
OE	HSO 313	<b>Cognitive Psychology</b>	3	0	0	9

Course Objective
To enable students to understand the working of higher mental processes like perception, memory, reasoning
Learning Outcomes
After successful completion of the course the should be able to: 1. Understand the fundamental theories and models of cognitive psychology. 2. Analyze and evaluate empirical research findings in cognitive psychology. 3. Apply knowledge of cognitive processes to real-world contexts.

Unit No.	Topics to be Covered	Lecture Hours	Learning Outcome
1	<i>Introduction</i> Development of study of cognition, Theoretical perspectives. Methods of studying cognition: types of studies (correlation, experimental) and measures in experimental psychology	9	Understand the historical development, theoretical perspectives, and methodological approaches used in the study of cognition, including various types of studies and measures employed in cognitive research
2	<i>Basic Processes</i> Perception: sensation, approaches, illusions. Attention: nature of attention, filter models, cognitive load effects on perception	6	Understand working of the sensory system and perception. Understand psychological underpinnings of attentional processes
3	<i>Memory</i> Process: Encoding, Storage and memory systems, Retrieval. Models of memory: Working Memory, Errors of memory, Improving memory	9	Comprehension of memory processes, their explanations memory models, error identification, and strategies for memory enhancement, enabling adept memory management
4	<i>Concepts and Language</i> Concepts: definition and approaches, organization of concepts <b>Language: Structure, processes (comprehension and production), communication</b>	9	Demonstrate comprehensive understanding of concepts and language, including their definitions, various theoretical approaches, organizational structures, and processes
5	<i>Thinking and Reasoning</i> Types of thinking. Deductive reasoning: syllogisms, conditionals, theoretical perspectives. Inductive reasoning: categorical induction, <b>analogies, causal, counterfactual.</b> <b>Everyday reasoning</b>	9	Develop understanding of the diverse types of thinking processes, with a focus on reasoning, as well as their theoretical underpinnings, facilitating enhanced everyday reasoning abilities
	Total Lecture Hour	42	

#### Text Books:

1. McBride, D.M., & Cutting, J.C. (2019). *Cognitive Psychology: Theory, Processes and Methodology*. 2<sup>nd</sup> Ed. SAGE

#### Reference Books:

1. Braisby, N. & Gellatly, A. (Ed.). (2012). *Cognitive Psychology*. 2<sup>nd</sup> Ed. Oxford University Press
2. Reisberg, D. (Ed.). (2013). *The Oxford Handbook of Cognitive Psychology*. Oxford University Press