Name of Faculty	:	Faculty of Humanities & Social Science
Name of Program	:	Master of Arts - Psychology
Course Code	:	1MAP03
Course Title	:	Cognitive Psychology
Type of Course	:	Professional Core (PC)
Year of Introduction	:	2023-24

Course Objective	:	The purpose of the course is to comprehend the mental processes such as learning, problem solving, perception, attention, memory, language, and decision-making. Understanding the applications of research based findings in the real life settings. Developing an understanding of cognitive psychology applications in the area of technology and business. To provide knowledge and understanding to the students about well-established theories in cognitive psychology. To discuss both theoretical and applied perspectives on attention, perception, memory, role of knowledge, language, reasoning, problem solving and decision making.
Course Outcomes	:	At the end of this course, students will be able to:
	CO1	Developing an appreciation of how cognitive psychology principles can be applied to reallife settings and to understand the nature and scope of Cognitive Psychology
	CO2	Will provide students with the knowledge of the fundamental issues in contemporary cognitive processes
	CO3	Will be able to apply the concepts of cognitive psychology to psycholinguistics
	CO4	Evaluate contemporary local and global issues and topic from cognitive psychological perspective
	CO5	Understanding of importance of cognitive psychology within the broader context of languages
	CO6	Build knowledgebase on emerging trends, complexity, challenges and choices related to cognitive psychology

Teaching and Examination Scheme

Teaching Scheme (Contact Hours)			Credits	Examination Marks				
				Theory Marks		Practical Marks		Total Marks
L	T	P	C	SEE	CIA	SEE	CIA	
5	0	0	5	70	30	0	0	100

*Legends: **L**-Lecture; **T**–Tutorial/Teacher Guided Theory Practice; **P** – Practical, **C** – Credit, **SEE** – Semester End Examination, **CIA** - Continuous Internal Assessment (It consists of Assignments/Seminars/Presentations/MCQ Tests, etc.))*

Course Content

Unit No.	Topics	Teaching Hours	Weightage %	Mapping with COs
1	**Nature and Importance of Cognitive Psychology** Cognitive Psychology: Definition, emergence of cognitive psychology; Current areas of research in cognitive psychology, (Educational application, marketing and advertisement); Theories of cognitive development – Piaget, Vygotsky; Application: Cognitive style and cognitive map; Contemporary cognitive psychology.	15	20	CO1
2	**Attention, Perception and Consciousness** Theories of attention- Filter theory, Attenuation theory, late selection theory, multimode theory; Theories of perception- Top down vs bottom up process-Gestalt approaches; Consciousness of complex mental processes; Applications- Subliminal perception, perceptual defense, and extra-sensory perception.	15	20	CO1 CO2
3	**Memory** Types of memory; Sensory memory, Short Term Memory, Long Term Memory: Types; Determinants of memory; Models: Unitary and dual process view: Waugh and Norman, Multi-process view: Atkinson and Shiffrin; Craik and Lockhart, Connectionist model: Rumelhart and McClelland Theories of forgetting: Psychoanalytical, Trace, Trace Decay, Interference, and recent trends; Application: Memory improvement techniques, Distortion of memory	15	20	CO1 CO3

4	**Thinking and Concept Formation** Types of thinking – well defined and ill-defined problems – productive and reproductive problems - model of problem solving; Problem solving approaches – Algorithm; heuristics: means-end analysis, computer simulation, and analogy; Concept formation and categorization; Judgment and decision making; Artificial Intelligence- Bottom up and top down approaches to the design of intelligent machines; Characteristics of artificial neural networks	15	20	CO1 CO3 CO4
5	**Psycholinguistics** The nature of language: Communicative, arbitrary, structured, generative and dynamic nature of language, phonemes, morphemes, syntax, semantics and pragmatics; Universal grammar and speech recognition system; Linguistic relativity hypothesis and socio-cultural effects in linguistic processing; Application- Development of reading ability, multilingualism.	15	20	CO3 CO4 CO5 CO6

Suggested Distribution of Theory Marks Using Bloom's Taxonomy						
Level	Remembrance	Understanding	Application	Analyse	Evaluate	Create
Weightage	**25**	**50**	**-**	**-**	**25**	**-**

NOTE: This specification table shall be treated as a general guideline for the students and the teachers. The actual distribution of marks in the question paper may vary slightly from above table.

Reference Books

Sr. No.	Name of Reference Books
1	Galotti. K. M. (2008) Cognitive psychology in and out of the laboratory. (8th ed).
2	Sternberg, R.J. (2007). Cognitive Psychology. Australia: Thomson Wadsworth.
3	Kellogg, R.T. (2007). Fundamentals of Cognitive Psychology. N.D. Sage Publications
4	Hurlock, E. (2003). Developmental Psychology. Delhi: Tata McGraw hill.
5	Matlin. M. W. (2012). Cognitive psychology. (8th ed). Wiley John and Sons.