

CHILDREN’S UNIVERSITY COURSE TEMPLATE

1. Academic Learning Compact/Academic Learning Plan (ALC/ALP)

Course Title : Selective Cognitive Processes	
Course Code: MAPSYEG-305	No. of Credits: 04
Department/Discipline: Psychology	Faculty: 01
Learning Hours: 60 Lect./Lab./Tuto./Gr.Study/Pri.Study	
Student Quota : 35	
Course Type : EG Core/Elective/Foundation/EG	
Offered in Academic Year: 2018-19	Odd Semester: III

2. Course Objectives

<ol style="list-style-type: none">1. To learn about basic cognitive processes through scientific methods.2. To understand various mental processes: Perception, Memory processes, Learning process and Problem Solving.3. To give students a preparatory understanding of the major theoretical contributions of each cognitive science discipline.4. To introduce students to the application of the current understanding in cognitive psychology to real life settings.

3. Course Content

Unit	Topics	Content/ Fundamental Concepts	Unit wise SLO
1.	Perceptual Processes	1.1 Approaches to the Study of Perception : Gestalt and physiological approaches 1.2 Perceptual Constancy: Size, Shape and Brightness, Illusion; Perception of Depth and Movements 1.3 Role of motivation and learning in perception	Understand Perceptual Processes. Know about Perceptual Organization. Students will know about Perceptual Constancy.

		1.4 Theories of Perception: Signal Detection Theory, Information processing approach to Perception	
2.	Learning Process	2.1 Classical conditioning : Procedure, Phenomena and related issues 2.2 Instrumental learning : Phenomena, Paradigms and theoretical 2.3 Issues Reinforcement : Basicvariables and schedules 2.4 Verbal learning : Methods and materials, organizational processes	To know about Classical conditioning and Instrumental learning. To know about Reinforcement and Verbal Learning.
3.	Memory and Forgetting	3.1 Memory Processes : Encoding, Storage, Retrieval 3.2 Stages of memory : Sensory memory, Short- term Memory (STM) and Long-term Memory (LTM) 3.3 Episodic and Semantic memory 3.4 Theories of Forgetting : Interference, decay, retrieval	Students will know about Memory Processes. Know about Stages of memory.

4.	Thinking and Problem Solving	<p>4.1 Theories of thought Processes: Associationism, Gestalt, Information processing</p> <p>4.2 Concept formation : Rules and strategies</p> <p>4.3 Reasoning : Deductive and Inductive</p> <p>4.4 Problem-solving : Types And Strategies</p> <p>4.5 Role of concepts in thinking</p>	<p>Students will know about Theories of thought processes.</p> <p>Know about Reasoning and Problem-solving.</p>
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4. Course Teaching & Learning Activities

Lectures (hrs) In/out of Class	Interactive Tutorial (hrs) In/Out	Laboratory (hrs)	Case Discussion (hrs)	Field Trip (hrs)	Projects (hrs)	Web Based Learning (hrs)	Others (hrs)
45	03	NA	03	03	03	03	--
M	O	NA	O	O	O	O	--

M- Mandatory Activity for the course, O-optional Activity, NA-not applicable

5. Assessment Schemes (including rationale)

Task	Time	Description	Weight
1. Group Projects & Seminar Presentation	-	-	05
2. Assignments	-	-	05
3. Internal Exam	-	-	20
4. Final Exams	-	-	70

6. Course Schedule

Class/Week	Date	Topic	Requirements
01 to 04	July	Unit-I	Appeared in semester- III
05 to 08	August	Unit-II	
09 to 12	September	Unit-III	
13 to 15	October	Unit-IV	

7. Recommended learning Resources

1. Handouts
2. Textbooks/e books
3. Reference books
4. On Line Resources
5. Question Bank

8. Reference Books

1. Dhila, B. D. (2011): UGC NET GSET Psychology Gujarati Edition, University Granthnirman Board, Gujarat
2. Parikh, B.A. (1994) “Advance General Psychology” University Granthnirman Board, Gujarat
3. Parikh, B.A. (1994) “Manovignan : Sampradayoane Siddhanto” University Granthnirman Board, Gujarat
4. Morgan, C. T., King, R. A., Weisz, J. R. & Schopler, J. (1986). Introduction to Psychology (7th edition). New Delhi: Tata McGraw-Hill.