

CHILDREN'S UNIVERSITY COURSE TEMPLATE

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

Course Title: Experimental Psychology (Theory)	
Course Code: MAPSYCC-301	No. of Credits: 04
Department/Discipline: Psychology	Faculty: 01
Learning Hours: 60 Lect./Lab./Tuto./Gr.Study/Pri.Study	
Student Quota: 35	
Course Type: Core Core/Elective/Foundation	
Offered in Academic Year: 2018-19	Odd Semester: III

2. Course Objectives

<ol style="list-style-type: none"> 1. The course aims of familiarizing students with experimental research, experimental methods and various experimental designs. 2. To gain theoretical understanding of lab studies in Experimental psychology. 3. To enable the students to understand the processes and steps involved in conducting the psychological experiments and to train them to design and undertake experiments independently.

3. Course Content

Unit	Topics	Content/ Fundamental Concepts	Unit wise SLO
1.	Psychological Research and concept of variables	1.1 Definition of Psychological Research 1.2 Types of Psychological research - Theoretical research and its types- Empirical research and its types 1.3 Concept of variable 1.4 Types of variables	Know about meaning and type about Psychological research. Know about Concept of variable. Students will know about types of psychological

		1.5 Interdependent of independent and dependent variable	research.
2.	Control of Relevant variable	<p>2.1 Types of control techniques</p> <ul style="list-style-type: none"> - Matching-Randomization -Counter balancing <p>2.2 Types of Relevant variables and its control</p> <ul style="list-style-type: none"> - Subject relevant variables and its control - Situation relevant variables and its control - Sequence relevant variables and its control 	<p>Know about Control of Relevant variable.</p> <p>Know about Types of Relevant variables and its control.</p>
3.	Classical Psychophysics	<p>3.1 Basic concept of Psychophysics</p> <p>3.2 Psychophysical methods</p> <p>3.3 Method of minimal changes</p> <ul style="list-style-type: none"> - Determination of absolute and differential Limen by the method of Minimal changes <p>3.4 Method of constant stimuli</p> <ul style="list-style-type: none"> - Determination of AL and DL by method of constant stimuli <p>3.5 Method of average error</p> <ul style="list-style-type: none"> - Determination of PSE by method of average error 	<p>Students will know about Basic concept of Psychophysics.</p> <p>Know about Psychophysical methods.</p>

4.	Verbal Learning and Forgetting	<p>4.1. Verbal learning</p> <ul style="list-style-type: none"> - Meaning of verbal learning - Functions of verbal learning - Basic determinants of Verbal learning <p>4.2 Memory and Forgetting</p> <ul style="list-style-type: none"> - Types of memory - Factor effecting on memory - Definition of forgetting - Measurements methods of retention - Retroactive inhibition and proactive inhibition 	<p>Students will know about Verbal learning.</p> <p>To know about Memory and Forgetting.</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. M.R. D'amato (1980): Experimental Psychology' Methodology, Psychophysics and learning TMH Edition.
2. Barry and Mortan (1985) : Experimental Methods in Psychology McGraw.
3. Broota K.D. (1992) : 'Experimental Designs in behavior research ' New Delhi Willy Estern.
4. Prof. C.B. Dave, Dr. Dipak Bhatt, Dr. N.S. Patel and Dr. D.J. Panchal (1998): 'Experimental Psychology Theory and statistics' Viral Prakashan, Ahmedabad.