



**Integral University, Lucknow**

<b>Effective from Session: 2022-2023</b>							
<b>Course Code</b>	<b>CP504</b>	<b>Title of the Course</b>	<b>Neuropsychology</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>C</b>
<b>Year</b>	<b>II</b>	<b>Semester</b>	<b>III</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>4</b>
<b>Pre-Requisite</b>	<b>Graduation</b>	<b>Co-requisite</b>	<b>None</b>				
<b>Course Objectives</b>	To provide knowledge and understanding of brain, mind and behavior relationship with the help of current developments in the field of neuroscience, scientific theories, clinical and real-life examples						

<b>Course Outcomes</b>	
<b>CO1</b>	Enable student to understand the concept, its historical perspective and its domains
<b>CO2</b>	Help students to know different techniques of brain mapping.
<b>CO3</b>	Enable students to have a better understanding of neuropsychological assessment
<b>CO4</b>	Helps students to learn about the neurological deficit, its recovery and rehabilitation
<b>CO5</b>	To facilitate a dynamic understanding of the field by discussing neuroimaging techniques, case examples, current researches

<b>Unit No.</b>	<b>Title of the Unit</b>	<b>Content of Unit</b>	<b>Contact Hrs.</b>	<b>Mapped CO</b>
1	Introduction	Definition and Description, Neuropsychology and other discipline, Domains and Historical Perspective	9	CO1
2	Methods of Investigating Brain	Electrophysiological procedures; Neuroimaging techniques	8	CO2
3	Neuropsychological Assessment:	Neuropsychological Assessment Batteries, Tests, Interviews, Observation; Neuropsychological Assessment of Everyday Activities; Process approach to Neuropsychological Assessment	10	CO3
4	Deficits, Recovery, Adaptation and Rehabilitation:	Neuropsychological deficits in stroke, head injury, tumors, epilepsy; Brain Reorganization and Plasticity; Spontaneous Recovery; Neuropsychological Rehabilitation	10	CO4
5	Emerging Research	Emerging Research Areas	8	CO5

<b>Reference Books:</b>	
1.	Gupta, Ashum & Naorem, T. (2003). Cognitive retraining in epilepsy. Brain Injury, 17,2, 161-174.
2.	Pinel, J.P. (2006). Biopsychology. Pearson Education, Inc. (Chapters 10 & 16 ).
3.	Zillmer, E.A., Spiers, M.V., & Culbertson, W.C. (2008). Principles of neuropsychology. Thompson: Wadsworth.
4.	Klein, S.B., & Thorne, B.M. (2007). Biological Psychology. Worth Publishers. (Chapters 3 & 13)
5.	Gupta, Ashum (2006). Cognitive rehabilitation: A multimodal approach. Journal of Indian Health Psychology, 1 (1), 98-106.
<b>e-Learning Source:</b>	
Egyankosh	
EPathshala	

<b>CO</b>	<b>PO-PSO</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PSO1</b>	<b>PSO2</b>	<b>PSO3</b>	<b>PSO4</b>	<b>PSO5</b>
<b>CO1</b>		2	3	2	2	3	3	3	3	3	3	3	3
<b>CO2</b>		3	3	3	3	3	3	3	2	3	3	3	1
<b>CO3</b>		3	3	3	3	2	3	3	3	3	3	3	3
<b>CO4</b>		3	3	3	3	3	2	3	3	3	1	2	2
<b>CO5</b>		3	3	3	3	3	2	3	3	2	2	3	3

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

<b>Name &amp; Sign of Program Coordinator</b>	<b>Sign &amp; Seal of HOD</b>
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