COURSE CONTENT

Course Code / Title   : HP2600 Cognitive Psychology

Pre-requisites   : HP1000 + HP1100 or CS2008 (PSMA)

No. of AUs.   : 3

Contact Hours   : 39

Course Aims

This course serves as an introduction to Cognitive Psychology: the field of study about how the brain forms an active understanding of the external world and interacts with it. In particular, we investigate how information is perceived, retained and acted upon by using mental representations. The representation, processing and retention of information are basic cognitive processes in psychology. In understanding these processes, this course covers topics such as perception, attention, memory, language and problem solving. The course provides the foundation of the concepts necessary for further study in more advanced theoretical and applied aspects of psychology such as perception, educational psychology, social psychology, etc.

Intended Learning Outcomes (ILO)

By the end of the course, you should be able to:

1.   Explain basic concepts and theories in various levels of cognitive processes

2.   Engage the debates among cognitive psychologists on how mental processes are conducted

3.   Execute the empirical methods used to investigate cognitive processes

4.   Analyze data in order to test hypotheses in cognitive psychology and write experimental lab reports

Course Content

Sensation and Perception, Attention, Memory (sensory memory, short-term/working memory, long-term memory, memory encoding and retrieval), Knowledge, Visual imagery, Language, Problem Solving, Reasoning and Decision Making.

Course Assessment

CA1	Term Paper	: 20%
CA2	Quizzes	: 15%
CA3	Class Participation	: 5%
Final Examination		: 60%

Total   **100%**

Reading and References

Textbook: E. Bruce Goldstein (2014). Cognitive Psychology: Connecting Mind, Research and Everyday Experience (4th edition). ISBN-13: 978-1285763880.

Planned Weekly Schedule (subject to changes, if any)

Week	Topic	Course LO	Readings/ Activities
1	Introduction	1-4	Textbook Ch. 1-2
2	Perception	1-4	Textbook Ch. 3
3	Attention	1-4	Textbook Ch. 4
4	Memory part 1	1-4	Textbook Ch. 5
5	Memory Part 2	1-4	Textbook Ch. 6
6	Memory Part 3	1-4	Textbook Ch. 7
7	Memory Part 4	1-4	Textbook Ch. 8
8	Knowledge	1-4	Textbook Ch.9
9	Visual imagery	1-4	Textbook Ch. 10
10	Language	1-4	Textbook Ch. 11
11	Problem Solving	1-4	Textbook Ch. 12
12	Decision Making	1-4	Textbook Ch. 13
13	Revision	Nil	Nil