

Unit 4: Practicum (4 weeks)

Any one experiment based on Unit-2.

References:

Baron, R. A. & Mishra, G. (2016). Psychology. Pearson.

Baron, R. A. (2002). Psychology (5th Edition), New Delhi: Pearson Education.

Chadha, N.K. & Seth, S. (2014). The Psychological Realm: An Introduction. New Delhi: Pinnacle Learning.

Ciccarelli, S. K., & Meyer, G. E. (2010). Psychology: South Asian Edition. New Delhi: Pearson Education.

Passer, M.W. & Smith, R.E. (2010). Psychology: The science of mind and behaviour. New Delhi: Tata McGraw-Hill.

Feldman R.S. (2011).Understanding Psychology, 10th edition.Delhi : Tata- McGraw Hill.
Hilgard & Atkinson- Introduction to Psychology (2003) 14th Edition, Thomson Learning Inc.

Morgan, C.T., King, R.A., Weisz, J.R., & Schopler, J. (2008). Introduction to psychology (7th edition) Bombay: Tata-McGraw Hill.

Hussain, Akbar (2014). Experiments in Psychology. Publishers: PHI learning Pvt. Ltd.

Mohanty. G. (2010). Experiments in Psychology. New Delhi: Kalyani Publishers.

Dandekar. W.N (1999). Experimental Psychology. Pune: Proficient publishing house.

DISCIPLINE SPECIFIC CORE COURSE – 2 CREDIT DISTRIBUTION, ELIGIBILITY AND PRE-REQUISITE OF THE COURSE

Course Title & Code	Total Credits	Credit distribution of the course			Eligibility Criteria/ Prerequisite	Pre-requisite of the course, if any
		Lecture	Tutorial	Practical		
Fundamentals of Cognitive Psychology	4	3	0	1	Class XII Passed	Nil

3 classes for theory + 2 classes for Practical (10-12 students per week per group)

Objective: Understanding the fundamental concepts of human cognition and how cognitive

functioning operates in everyday life.

Learning Outcomes: After completing this course, the student will be able to:

- Appreciate important concepts related to cognition such as attention, perception, problem-solving and creativity
- Develop an insight into the applications of cognitive psychology concepts in everyday life.
- Design studies/research on cognitive concepts.

Unit 1: Introduction (9 Hours)

Cognitive Psychology: Cognitive revolution, nature, methods and scope; fundamental ideas and key themes; culture and cognition

Unit 2: Attention and Perception (12 Hours)

Attention: Nature, determinants, theories, and applications

Perception: Nature of perception, laws of perception, perceptual illusions

Unit 3: Problem solving and Creativity (12 Hours)

Problem Solving: Nature, processes and methods (Algorithms and Heuristics), barriers of problem solving, convergent and divergent thinking, creativity in problem-solving

Unit 4: Practicum (8 Hours)

Any one laboratory or field practicum based on the above three units.

References

Baron, R. A. & Mishra, G. (2016). Psychology. Pearson

Ciccarelli, S.K., & White, J.N. (2012). *Psychology*. Pearson Education, Inc.

Eysenck, M.W. & Keane, M.T. (2002). *Cognitive Psychology: A Student's Handbook*. Psychology Press.

Feldman, R. (2017). *Essentials of Understanding Psychology*. McGraw-Hill Education.

Galotti, K.M. (2015). [*Cognitive Psychology: In And Out Of The Laboratory*](#). Sage.

Mishra, G. (2009). *Psychology In India, Volume I: Basic Psychological Processes And Human Development*. Pearson Education

Mangal, S.K. (2002). *Advanced Educational Psychology*. PHI Learning Pvt. Ltd.

Morgan, C.T., King, R.A., Weisz, J.R., & Schopler, J. (1993). *Introduction to Psychology*.

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Passer, M.W., & Smith, R.E. (2011). *Psychology: The Science of Mind and Behaviour*. McGraw-Hill.

Sternberg, R. Sternberg, K., & Mio, J. (2012). *Cognitive Psychology*. Cengage Learning.

[Varnum, M., Grossman, I., Kitayama, S., & Nisbett, R. \(2010\). *The Origin of Cultural Differences in Cognition: Evidence for the Social Orientation Hypothesis*. Curr Dir Psychol Sci. 2010; 19\(1\): 9–13.doi: \[10.1177/0963721409359301\]\(https://doi.org/10.1177/0963721409359301\)](#). Available from

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