

HSO 501

Cognitive Psychology

Winter Semester 2022-23

Department of Humanities and Social Sciences

Indian Institute of Technology (ISM) Dhanbad

Class Information

- Instructor

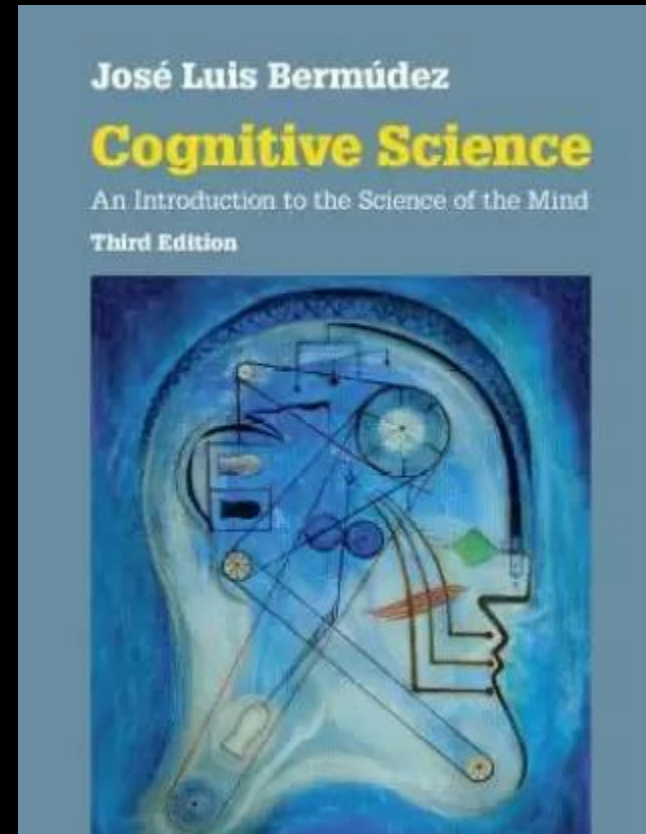
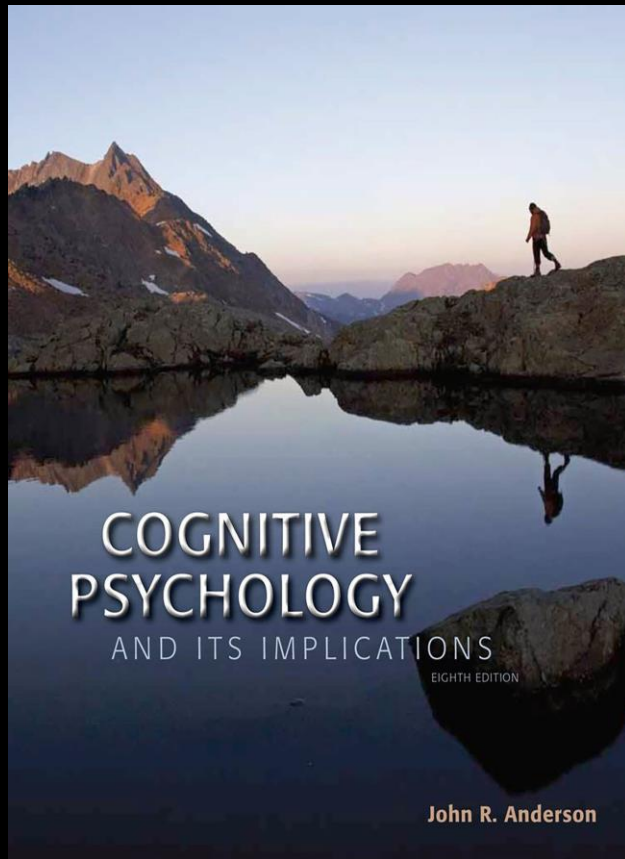
- Name: Dr. Ahmed Sameer
- Email: sameer@iitism.ac.in
- Office: *1, Dept. of HSS, New Petroleum Building*

- Teaching Assistants

- Ms. Rabiya Fatima 22dr0197@iitism.ac.in
- Ms. Chandreyee Roy 22dr0290@iitism.ac.in

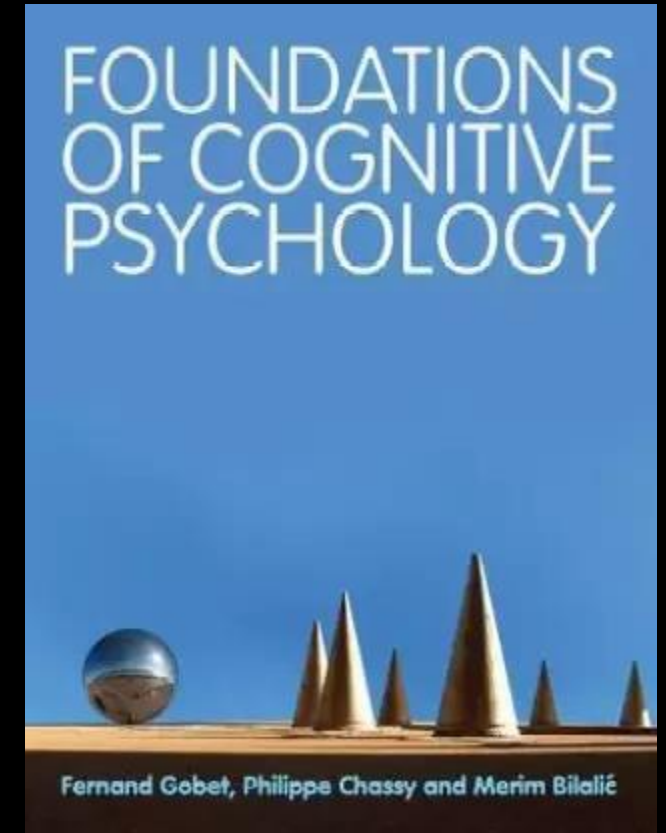
Readings

- Main Texts
 - *Cognitive Psychology and Its Implications* – John Anderson (8th Ed)
 - *Cognitive Science* – Jose Luis Berumudez (3rd Ed)



Readings

- Supplementary Readings
 - *Foundations of Cognitive Psychology – Gobet and others*
 - *Select articles / book chapters as required*
 - *Videos / Audios*



Broad Outline

- Foundations
- Memory
- Thinking
- Attention
- Complex Cognition

Topics (Tentative)

Foundations

- History
- Discipline
- Methods

Memory

- Types
- Short-term Memory
- Long-term Memory
- Everyday Memory

Topics (Tentative)

- Thinking
 - Concepts, knowledge
 - Language
 - Reasoning, Problems Solving, Deciding
 - Expertise and Creativity

Topics (Tentative)

- Attention
 - Models
 - Distraction
- Complex Cognition
 - Emotions in cognition
 - Moral Cognition

Grading and Evaluation

Exam	Weightage
Mid Semester	32%
End-Semester	48%
Internal Assessment <ul style="list-style-type: none">• <i>Quiz I & II</i>• <i>Research Contribution</i>	20%

Grading and Evaluation

For class strength > 30	
Grades	% of Students
A+, A, B+	Top $(45 \pm 5)\%$
B, C+, C	Next $(45 \pm 5)\%$
D, F	Next $(10 \pm 5)\%$

Researcher Skill Set

Reading Skills

- Critical Reading

- What to read ?
- How to read ?

- Recommended Resources

- Roediger, H. L. & Gallo, D. A. (2004). **How to read a journal article in Cognitive Psychology**. In Balota, D. A., & Marsh, E. J. (Ed.). Hove: Psychology Press.
- QALMRI



OBSIDIAN

A second brain, for you, forever.

+



zotero





