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**Department:** Psychology  
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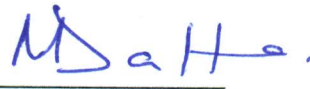
**Approving Authority:**



**Principal & Chairperson of Academic Board**

**Dr. (Mrs) Ancy Jose**

**Signature of MR:**



**Dr. Moushumi Datta**



Revised syllabus for Psychology core course (Major Elective) at the FYBA  
(Autonomous) to be brought into force with effect from the academic year 2016-17

### **Fundamentals of Psychology: Part I Credits 4**

#### **Objectives:**

1. The course is designed to attract and encourage students into the field and to understand basic concepts to stimulate their thinking.
2. To promote self-understanding and positive change.
3. Guide them in terms of potential future career in Psychology.

#### **Semester 1**

##### **Unit 1: Introduction to Psychology**

- a) Psychologists at work
- b) A science evolves: the past, the present, and the future
- c) The scientific method
- d) Conducting psychological research
- e) Critical research issues

##### **Unit 2: Neuroscience and Behaviour**

- a) Neurons: The basic elements of behavior
- b) The nervous system and the endocrine system: communicating within the body
- c) The brain

##### **Unit 3: Learning**

- a) Classical conditioning
- b) Operant conditioning
- c) Cognitive approaches to learning

##### **Unit 4: Going by Numbers: Statistics in Psychology (Part 1)**

- a) Introduction to statistics
- b) Key concepts: Population, sample, attribute, variable, parameters, primary, and secondary data
- c) Descriptive statistics: Measures of central tendency - arithmetic mean, median, mode. Merits and demerits of 3 Ms
- d) Graphical representations of data: Frequency polygon and histogram



## Semester 2

### Unit 5: Memory

- a) The foundations of memory
- b) Recalling the Long term memories
- c) Forgetting: When memory fails

### Unit 6: Motivation and emotion

- a) Explaining motivation
- b) Human needs and motivation: Eat, drink, and be daring
- c) Understanding emotional experiences

### Unit 7: Health psychology: Stress, coping, and well-being

- a) Stress and coping
- b) Psychological aspects of illness and well-being
- c) Promoting health and wealth

### Unit 8: Going by numbers: Statistics in Psychology: Part II

- a) Measures of variability: Range, quartile deviation, and standard deviation
- b) Comparison of the three measures of variability: Merits, limitations, and uses
- c) Correlation: Meaning and types of Correlation - positive, negative, zero
- d) Graphical representations of correlation, Scatter plot and it's interpretation.

### ReferenceText book:

Understanding psychology

Robert Feldman, (2014), 12th edition, New York: McGraw Hill publications

### Additional books for reference:

Baron, R.A., & Kashler, M.J. (2008). Psychology: From Science to Practice, 2nd edition, Pearson Education Inc., Allyn and Bacon

Ciccarelli, S.K. & White, J. N. (2008). Psychology New Delhi: Dorling Kindersley (India) Private Limited

Lahey, B.B. (2001). Psychology: An introduction, 11th edition, New York: McGraw-Hill Publications

Harry, F. & Steven, A. Statistics concepts and applications, Cambridge, University Press  
Guildford, J. Fundamental statistics in psychology and education



