Course Plan for HUL 370 - Biological Psychology

# Course Description

Biological psychology is the study of the biological basis of behavior. This course will explore the relationship between the brain, the nervous system, and behavior.

Upon successful completion of this course, students will be able to:

* Describe the structure and function of the brain and nervous system
* Explain the role of neurotransmitters and hormones in behaviour
* Discuss the biological bases of sensation, perception, movement, etc.
* Discuss psychological processes such as learning, memory, emotion, and cognition.

# Course Resources

Book - **Biological Psychology** by *James W. Kalat*, (Cengage Learning India Pvt. Ltd.)

# Course Outline

We will cover 8 modules in this current semester (4 before mid-semester exam and 4 after).

**Module 1 -** Nerve Cells, Nerve Impulses, and Synapses

**Module 2** - Anatomy and Research Methods

**Module 3** - Vision and Other Sensory Systems

**Module 4** - Movement

**Module 5** - Emotional Behaviours

**Module 6** - Learning, Memory, and Intelligence

**Module 7** - Cognitive Functions

**Module 8** - Psychological Disorders

# Class Slots

**Monday** - 11 AM - 12 PM

**Wednesday** - 11 AM - 12 PM

**Thursday** - 12 - 1 PM

# Attendance Policy

There are no allotted marks for attendance, however, you will receive a grade down if you fail to keep 75% attendance in this course (as per institute policy).

Audit Policy

55% marks and 55% attendance till the last day of add and drop.

# Evaluation Policy

**Minor Exam** – 25 marks

**Reading Summary I** -15 marks

**Reading Summary ll** – 10 + 10 = 20 marks

**End-Term Exam** - 40 marks

Course Instructor - Dr Varsha Singh (402F, Block II) - [vsingh@iitd.ac.in](mailto:vsingh@iitd.ac.in)

Course TAs:

1. Ankit Jha - [Ankit.Jha@uqidar.iitd.ac.in](mailto:Ankit.Jha@uqidar.iitd.ac.in)
2. Titli Saha - [srz228396@iitd.ac.in](mailto:srz228396@iitd.ac.in)