

B.Tech Biotechnology: Semester-II
BBT-202 - Remedial Biology II

Teaching Scheme	Examination Scheme
Lectures: 3 hrs/Week	Class Test -12 Marks
Tutorials: 1 hr/Week	Teachers Assessment – 6 Marks
Credits: 4	Attendance – 12 Marks
	End Semester Exam – 70 marks

Course Objectives:

1. To give an overview of biomolecules and their significance
2. To give basic knowledge of Structure, biosynthesis and function of Macromolecules (Carbohydrates, Proteins and Lipids).
3. To have an overview of Microorganism: Origin of microbiology, Types of microbes, Classification of microbes.
4. To explain about the Introduction Genes & Genome
5. To explain the Bioinformatics, Biological databases (nucleotide and Protein Databases, Structure databases).
6. To explain the Human Health & Hygiene: Population and birth control, sexually transmitted diseases.

Course outcomes:

- CO1: To understand basic human biology concepts
CO2: To summarize the different types of human health parameters

UNIT- I: AIMAL PHYSIOLOGY

Animal Physiology-I

Digestion and absorption. Breathing and respiration. Body fluids and circulation.

Animal Physiology-II

Neural control and coordination, chemical coordination and regulation

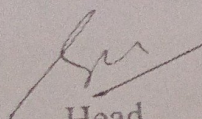
UNIT- II: REPRODUCTION

Reproduction

Reproductive system in male and female, menstrual cycle, production of gametes, fertilization, embryo development.

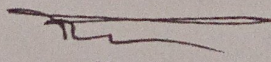
UNIT- III: HUMAN HEALTH

Human Health & Hygiene: Population and birth control, sexually transmitted diseases, infertility. Cancer and AIDS. Adolescence and drug / alcohol abuse. Basic concepts of immunology, vaccines.



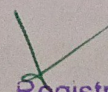
Head

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