

## SYLLABUS 2024-2025

**Class : XI**  
**Subject : Biotechnology**  
**Book : Nootan ISC Biotechnology**  
**Publisher : Nageen Publications**

### **Term 1**

- 1. Introduction to Biotechnology**
- 2. Scope and Importance**
- 3. Basic concepts of Biochemical technology**
- 4. Intellectual Property Rights**
- 5. Cell Biology**
- 6. Cell Division**
- 7. Errors in Cell Division**
- 8. Concepts of Mutation and Factors Causing Mutation**

### **Term 2**

- 1. Biomolecules**
  - 2. Techniques used in separation of Biomolecules**
  - 3. Immunology**
- 

#### **Contact Us**

## **4. Animal and Plant Development**

## **5. Genetics**

### **Term 3**

#### **1. Pedigree Constructions**

#### **2. Gene Mapping**

#### **3. Cancer Genetics**

### **Term 4**

#### **1. Genes in Population**

#### **2. Pharmacogenetics and Pharmacogenomics**

---

#### **Contact Us**