

# **DETAILS OF CHOICE BASED CREDIT SYSTEM**

### **B.Sc. in Zoology and Biotechnology**

<b>A. B.</b>	Sc. in	Zoology	combination
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### B. B.Sc. in Bio-Technology combination

a. Zoology – Chemistry – Botany

b. Zoology - Chemistry – Microbiology

a. Bio-technology – Chemistry - Botany

b. Bio-technology - Chemistry - Zoology

**I. Major / Main Course** (12 papers with 6 credits = 72 credits)

4 courses in each discipline.

Major / main course practical / tutorials

12 papers with 4 credits = 48 credits 12 papers with 2 credits = 24 credits

72 Credits

**II. Discipline Specific Elective** (6 papers with 6 credits = 36 credits)

a. 2 paper from each discipline of choice including paper of interdisciplinary nature

6 papers with 4 credits = 24 credits
6 papers with 2credits = 12 credits
36 Credits

Department to decide choice of papers including interdisciplinary nature in each discipline

b. Elective course practicals / tutorials2 paper from each discipline of choice including paper of interdisciplinary nature

6 papers with 2 credits = 12 credits

Optional dissertation or project work in place of discipline elective paper 6 credits in 6 semesters

#### **III. Ability Enhancement Courses**

a. Ability enhancement compulsory courses 2 papers with 4 credits = 08 credits

(AECC) 2 papers of 4 credits

Environmental Science, English /

Modern Indian Language

b. Skill Enhancement Course (SEC) 4 papers with 4 credits = 16 credits

4 paper of 4 credits each

### III -A. Skill enhancement courses in Zoology

Choose any 4

i. Apicultureii. Aquarium Fish Keepingiii. Aquatic Biologyiv. Medical Diagnostics

v. Public Health and Hygiene vi. Immunology

### **III-B Skill Enhancement Course in Biotechnology**

Choose any 4

i. Molecular Diagnosticsii. Enzymologyiii. Industrial Fermentationsv. Basic of Forensic Sciencevi. Medical Diagnostic

Total 132 Credits

# SCHEME OF CHOICE BASED CREDIT SYSTEM (CBCS)

Semester	Major / Main DSC	Ability Enhancement Course (AECC)	Skill Enhancement Course (SEC)	Elective - Discipline Specific (DSE)
	12 papers	2 papers	4 papers	6 papers
I	DSC	AECC		
II	DSC	AECC		
III	DSC		SEC	
IV	DSC		SEC	
V			SEC	DSE
VI			SEC	DSE

### DSC - Discipline Specific Major / Main Course

### DSE - **Discipline Specific Elective**

2 courses from the pool of courses offered under the main discipline / subject of study

## **AECC – Ability Enhancement Compulsory Course**

Courses that leads to knowledge enhancement like (i) Environmental Science (ii) English / Communication / Modern Indian Language

#### **SEC - Skill Enhancement Course**

4 courses from pool of courses to provide value based / skill based knowledge which may contain both theory / lab / training / field work. The main purpose is to provide life – skills to increase the employability of students.