

# **BACHELOR'S OF SCIENCE**

## **B.Sc BOTANY**

### **FIRST YEAR**

PAPER I - DIVERSITY OF VIRUSES  
BACTERIA & FUNGI  
PAPER II - DIVERSITY OF ALGAE,  
LICHENS, & BRYOPHYTES M.  
PAPER III - DIVERSITY OF  
PTERIDOPHYTES &  
GYMNOSPERMS

## **B.Sc CHEMISTRY**

### **FIRST YEAR**

INORGANIC CHEMISTRY  
ORGANIC CHEMISTRY  
PHYSICAL CHEMISTRY  
**PRACTICAL**

## **BSC- ZOOLOGY**

### **FIRST YEAR**

PAPER I: LOWER NON CHORDATA  
(PROTOZOA- HELMINTHS)  
PAPER II: HIGHER NON CHORDATA  
(ANNELIDA ECHINODERMATA)  
PAPER III CELL BIOLOGY AND  
GENETICS  
**PRACTICAL**

### **SECOND YEAR**

PAPER I: DIVERSITY OF ANGIOSPERMS:  
SYSTEMATIC, DEVELOPMENT &  
REPRODUCTION  
PAPER II: CYTOLOGY, GENETICS,  
EVOLUTION & ECOLOGY  
PAPER III: PLANT PHYSIOLOGY AND  
BIOCHEMISTRY

### **SECOND YEAR**

INORGANIC CHEMISTRY  
ORGANIC CHEMISTRY  
PHYSICAL CHEMISTRY  
**PRACTICAL**

### **SECOND YEAR**

PAPER I CHORDATA  
PAPER II ANIMAL DISTRIBUTION,  
EVOLUTION AND  
DEVELOPMENTAL BIOLOGY  
PAPER III PHYSIOLOGY AND  
BIOCHEMISTRY

**PRACTICAL**

### **THIRD YEAR**

PAPER I: PLANT RESOURCE  
UTILIZATION, PALYNOLOGY  
AND BIostatISTICS  
PAPER II: MOLECULAR BIOLOGY &  
BIOTECHNOLOGY  
PAPER III: ENVIRONMENT BOTANY AND  
PLANT PATHOLOGY

### **THIRD YEAR**

ORGANIC CHEMISTRY  
ORGANIC CHEMISTRY  
PHYSICAL CHEMISTRY  
**PRACTICAL**

### **THIRD YEAR**

PAPER I APPLIED AND ECONOMIC  
ZOOLOGY  
PAPER II BIOTECHNOLOGY,  
IMMUNOLOGY, BIOLOGICAL  
TOOLS & TECHNIQUES AND  
BIostatISTICS  
PAPER III ECOLOGY, MICROBIOLOGY,  
ANIMAL BEHAVIOR,  
POLLUTION AND  
TOXICOLOGY  
**PRACTICAL**

## **B.Sc -MATH'S**

### **FIRST YEAR**

PAPER I-ALGEBRA AND  
TRIGONOMETRY  
PAPER II- CALCULUS II  
PAPER III- GEOMETRY AND VECTOR  
CALCULUS

### **SECOND YEAR**

PAPER I-LINEAR ALGEBRA AND  
MATRICES  
PAPER II-DIFFERENTIAL EQUATIONS  
PAPER III-INTEGRAL  
TRANSFORMSMECHANICS

### **THIRD YEAR**

PAPER I : REAL ANALYSIS P  
PAPER II : COMPLEX ANALYSIS  
PAPER III : NUMERICAL  
ANALYSIS  
PAPER IV(A) :NUMBER THEORY  
AND CRYPTOGRAPHY  
PAPER IV(B):LINEAR  
PROGRAMMING LINEAR  
PROGRAMMING LINEAR  
PROGRAMMING  
PAPER IV(C):DIFFERENTIAL  
GEOMETRY AND TENSOR  
ANALYSIS DIFFERENTIAL  
GEOMETRY  
PAPER IV(D): PRINCIPLESOF  
COMPUTER SCIENCE OF  
COMPUTER SCIENCE  
PAPER IV(E): DISCRETE  
MATHEMATICS  
PAPER IV(F): MATHEMATICAL  
STATISTICS

## **B.Sc – PHYSICS**

### **FIRST YEAR**

MECHANICS AND WAVE MOTION  
KINETIC THEORY AND  
THERMODYNAMICS  
CIRCUIT FUNDAMENTALS AND BASIC  
ELECTRONICS  
PRACTICAL  
**TWO PRACTICAL'S**

### **SECOND YEAR**

PHYSICAL OPTICS AND LASERS  
ELECTROMAGNETIC  
ELEMENTS OF QUANTUM MECHANICS,  
ATOMIC AND MOLECULAR SPECTRA  
PRACTICAL  
**TWO PRACTICAL'S**

### **THIRD YEAR**

RELATIVITY AND STATISTICAL  
PHYSICS  
SOLID STATE AND NUCLEAR PHYSICS  
SOLID STATE ELECTRONICS  
PRACTICAL  
**TWO PRACTICAL'S**

