

# BACHELOR OF SCIENCE (B.Sc.)

## SYLLABUS – SUBJECT CODE & COURSE NAME

### SEMESTER I

SUBJECT CODE	COURSE NAME
BSC101	ENGLISH COMMUNICATION
BSC102	MATHEMATICS – I
BSC103	PHYSICS – I
BSC104	CHEMISTRY – I
BSC105	COMPUTER FUNDAMENTALS
BSC106	PRACTICAL – I

### SEMESTER II

SUBJECT CODE	COURSE NAME
BSC201	MATHEMATICS – II
BSC202	PHYSICS – II
BSC203	CHEMISTRY – II
BSC204	ENVIRONMENTAL SCIENCE
BSC205	PROGRAMMING IN C
BSC206	PRACTICAL – II

### SEMESTER III

SUBJECT CODE	COURSE NAME
BSC301	MATHEMATICS – III
BSC302	PHYSICS – III
BSC303	CHEMISTRY – III
BSC304	DATA STRUCTURES
BSC305	DATABASE MANAGEMENT
BSC306	PRACTICAL – III

### SEMESTER IV

SUBJECT CODE	COURSE NAME
BSC401	MATHEMATICS – IV
BSC402	PHYSICS – IV
BSC403	CHEMISTRY – IV
BSC404	OPERATING SYSTEM
BSC405	SOFTWARE ENGINEERING
BSC406	PRACTICAL – IV

### SEMESTER V

SUBJECT CODE	COURSE NAME
BSC501	REAL ANALYSIS
BSC502	QUANTUM MECHANICS
BSC503	ORGANIC CHEMISTRY
BSC504	COMPUTER NETWORKS
BSC505	PROJECT WORK – I
BSC506	PRACTICAL – V

SEMESTER VI

SUBJECT CODE	COURSE NAME
BSC601	NUMERICAL METHODS
BSC602	SOLID STATE PHYSICS
BSC603	INORGANIC CHEMISTRY
BSC604	ARTIFICIAL INTELLIGENCE
BSC605	MAJOR PROJECT
BSC606	SEMINAR AND VIVA VOCE