

**SEMESTER I**

<b>Subject Name</b>	<b>Subject Type</b>	<b>Subject Code</b>	<b>Subject Credit</b>
CHEMISTRY-I	Regular	BCHE1CHE	6
Physics: I	Regular	BPHY1PHY	6
Mathematics: I	Regular	BMAT1MAT	6
CELL BIOLOGY	Regular	BBIT1CBL	6
COMMUNICATION SKILLS-I	Open	BOPE1CSK	3
ENVIRONMENTAL SCIENCE	Elective	BELE1ESC	3
COMPUTER FUNDAMENTALS AND APPLICATIONS	Elective	BELE1CFA	3

**SEMESTER II**

Subject Name	Subject Type	Subject Code	Subject Credit
Chemistry: II	Regular	BCHE2CHE	6
Physics: II	Regular	BPHY2PHY	6
Mathematics: II	Regular	BMAT2MAT	6
Plant Anatomy and Physiology	Regular	BBIT2PAP	6
COMMUNICATION SKILLS-I	Open	BOPE1CSK	3
Environmental Science	Elective	BELE2ESC	3
Computer Fundamentals and Applications	Elective	BELE2CFA	3

SEMESTER III

Subject Name	Subject Type	Subject Code	Subject Credit
Inorganic and Physical Chemistry- I	Regular	BCHE3IPC	5
Organic and Analytical Chemistry-I	Regular	BCHE3OAC	5
Optics and Spectroscopy	Regular	BPHY3OAS	5
Solid State and Nuclear Physics	Regular	BPHY3SSN	5
Professional Skills	Elective	BELE3PFS	2
Basic Statistics	Elective	BELE3BST	2
Disaster Management-I	Elective	BELE3DMT	2

**SEMESTER IV**

Subject Name	Subject Type	Subject Code	Subject Credit
Inorganic and Physical Chemistry- II	Regular	BCHE4IPC	5
Organic and Analytical Chemistry-II	Regular	BCHE4OAC	5
Electromagnetism, Electronics and Plasma Physics	Regular	BPHY4EEP	5
Modern Physics, Quantum Mechanics and Relativity	Regular	BPHY4MQR	5
Scientific Writing	Elective	BELE4SCW	2
Basic Probability Theory	Elective	BELE4BPT	2
Disaster Management-II	Elective	BELE4DMT	2

**SEMESTER V**

Subject Name	Subject Type	Subject Code	Subject Credit
INORGANIC CHEMISTRY	Regular	BCHE51CH	5
ORGANIC CHEMISTRY	Regular	BCHE50CH	5
PHYSICAL CHEMISTRY	Regular	BCHE5PCH	5
ANALYTICAL CHEMISTRY	Regular	BCHE5ACH	5
INDUSTRIAL CHEMISTRY	Elective	BELE5IDC	3
GREEN CHEMISTRY	Elective	BELE5GRC	3
POLYMER CHEMISTRY	Elective	BELE5POC	3

SEMESTER VI

<b>Subject Name</b>	<b>Subject Type</b>	<b>Subject Code</b>	<b>Subject Credit</b>
INORGANIC CHEMISTRY	Regular	BCHE6ICH	5
ORGANIC CHEMISTRY	Regular	BCHE6OCH	5
PHYSICAL CHEMISTRY	Regular	BCHE6PCH	5
ANALYTICAL CHEMISTRY	Regular	BCHE6ACH	5
INDUSTRIAL CHEMISTRY	Elective	BELE6IDC	3
MEDICINAL CHEMISTRY	Elective	BELE6MDC	3
BIO-CHEMISTRY	Elective	BELE6BOC	3



