

SEMESTER I

Subject Name	Subject Type	Subject Code	Subject Credit
Mathematics: I	Regular	BMAT1MAT	6
Physics: I	Regular	BPHY1PHY	6
CHEMISTRY-I	Regular	BCHE1CHE	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
Mathematics: II	Regular	BMAT2MAT	6
Physics: II	Regular	BPHY2PHY	6
Chemistry: II	Regular	BCHE2CHE	6
Communication Skills: II	Open	BOPE2CSK	3
Environmental Science	Elective	BELE2ESC	3
Computer Fundamentals and Applications	Elective	BELE2CFA	3

SEMESTER III

Subject Name	Subject Type	Subject Code	Subject Credit
Numerical Analysis -I	Regular	BMAT3NAS	5
Calculus	Regular	BMAT3CAL	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
Numerical Analysis-II	Regular	BMAT4NAS	5
Linear Algebra	Regular	BMAT4LIA	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
Group Theory	Regular	BMAT5GTH	5
Real Analysis - I	Regular	BMAT5RAS	5
Discrete Mathematics	Regular	BMAT5DMT	5
Differential Equations	Regular	BMAT5DEQ	5
Vector Calculus	Elective	BELE5VCA	2
Mechanics	Elective	BELE5MEC	2
Mathematical Modelling	Elective	BELE5MAM	2

SEMESTER VI

Subject Name	Subject Type	Subject Code	Subject Credit
Ring Theory	Regular	BMAT6RTH	5
Real Analysis - II	Regular	BMAT6RAS	5
Number Theory	Regular	BMAT6NTH	5
Operation Research	Regular	BMAT6ORH	5
Complex Variables	Elective	BELE6CVS	2
Graph Theory	Elective	BELE6GTH	2
Integral Calculus	Elective	BELE6ICA	2

