

Bachelor of Science in Information Technology

The Program Structure:

Course Code	BS: First Semester Courses	Credit
BIT 101	Communication Skills	5
BIT 102	Computer Fundamentals & Applications	5
BIT 103	Applied Mathematics I	5
BIT 104	Electronics and Communication Technology	5
BIT 105	C++ Programming	5
BIT 106	Calculus	5
TOTAL CREDITS		30
Course Code	BS: Second Semester Courses	Credit
BIT 111	Web Technology	5
BIT 112	Networking Security	5
BIT 113	Microprocessor and Microcontroller	5
BIT 114	Database Management System (DBMS)	5
BIT 115	Data Communication and Network Standards	5
BIT 116	Computer Systems Architecture	5
TOTAL CREDITS		30
Course Code	BS: Third Semester Courses	Credit
BIT 201	Logic and Discrete Mathematics	5
BIT 202	Computer Graphics	5
BIT 203	SQL 2	5
BIT 204	Object Oriented Programming	5
BIT 205	Modern Operating Systems	5
BIT 206	Computer Systems Troubleshooting	5
TOTAL CREDITS		30
Course Code	BS: Fourth Semester Courses	Credit
BIT 211	Software Engineering	5
BIT 212	System Development Technique	5
BIT 213	Java and Data Structures	5
BIT 214	Quantitative Techniques	5
BIT 215	Embedded Systems	5
BIT 216	Wireless Network Technologies	5
TOTAL CREDITS		30
Course Code	BS: Fifth Semester Courses	Credit
BIT 301	Internet Security	5
BIT 302	Visual Basic 6.0	5
BIT 303	Advanced SQL	5
BIT 304	Multimedia	5
BIT 305	Management Information System	5
BIT 306	Programming using PHP	5
TOTAL CREDITS		30
Course Code	BS: Sixth Semester Courses	Credit
BIT 311	Programming with Objects	5
BIT 312	Internet Technologies	5
BIT 313	Project Management	5
BIT 314	Information Technology Laws	5
BIT 315	Bachelor Thesis	10
TOTAL CREDITS		30

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