IICSE University
...a liberal arts education

Bachelor of Science
in Information Technology

The Program Structure:

Course Code	BS: First Semester Courses	Credit
BIT 101	Communication Skills	2
BIT 102	Computer Fundamentals & Applications	3
BIT 103	Applied MathematicsI	3
BIT 104	Electronics and Communication Technology	2
BIT 105	C++ Programming	5
BIT 106	Calculus	5
	TOTAL CREDITS	20

Course Code	BS: Second Semester Courses	Credit
BIT 111	Web Technology	2
BIT 112	Networking Security	3
BIT 113	Microprocessor and Microcontroller	3
BIT 114	Database Management System (DBMS)	2
BIT 115	Data Communication and Network Standards	5
BIT 116	Computer Systems Architecture	5
	TOTAL CREDITS	20

Course Code	BS: Third Semester Courses	Credit
BIT 201	Logic and Discrete Mathematics	2
BIT 202	Computer Graphics	3
BIT 203	SQL 2	3
BIT 204	Object Oriented Programming	2
BIT 205	Modern Operating Systems	5
BIT 206	Computer Systems Troubleshooting	5
	TOTAL CREDITS	20

Course Code	BS: Fourth Semester Courses	Credit
BIT 211	Software Engineering	2
BIT 212	System Development Technique	3
BIT 213	Java and Data Structures	3
BIT 214	Quantitative Techniques	2
BIT 215	Embedded Systems	5
BIT 216	Wireless Network Technologies	5
	TOTAL CREDITS	20

Course Code	BS: Fifth Semester Courses	Credit
BIT 301	Internet Security	2
BIT 302	Visual Basic 6.0	3
BIT 303	Advanced SQL	3
BIT 304	Multimedia	2
BIT 305	Management Information System	5
BIT 306	Programming using PHP	5
	TOTAL CREDITS	20

Course Code	BS: Sixth Semester Courses	Credit
BIT 311	Programming with Objects	2
BIT 312	Internet Technologies	3
BIT 313	Project Management	3
BIT 314	Information Technology Laws	2
BIT 315	Bachelor Thesis	10
	TOTAL CREDITS	20

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