

Syllabus wef 2018

First Year (FY-BSC IT)

Semester – I (Total 5 papers, 20 Credit points)

Course Code	Course Name	Credit Point
USIT - 101	Imperative Programming	04
USIT - 102	Digital Electronics	04
USIT - 103	Operating System	04
USIT - 104	Discrete Mathematics	04
USIT - 105	Communication Skills	04
USIT - IP1	Imperative Programming Practical Practical Index List	-
USIT - IP2	Digital Electronics practical Practical Index List	-
USIT - IP3	Operating System Practical Practical Index List	-
USIT - IP4	Discrete Mathematics Practical Practical Index List	-
USIT - IP5	Communication Skills Practical Practical Index List	-

Semester – II (Total 5 papers, 20 Credit points)

Course Code	Course Name	Credit Point
USIT - 201	Object Oriented Programming	04
USIT - 202	Microprocessor Architecture	04
USIT - 203	Web Programming	04
USIT - 204	Numerical and Statistical Methods	04
USIT - 205	Green Computing	04
USIT - 2P1	Object Oriented Programming Practical Practical Index List	-
USIT - 2P2	Microprocessor Architecture Practical Practical Index List	-
USIT - 2P3	Web Programming Practical Practical Index List	-
USIT - 2P4	Numerical and Statistical Methods Practical Practical Index List	-
USIT - 2P5	Green Computing Practical Project and Viva Voce	-

Second Year (SY-BSC IT)

Semester – III (Total 5 papers, 20 Credit points)

Course code	Course Name	Credit Point
USIT - 301	Python Programming	04
USIT - 302	Data Structures	04
USIT - 303	Computer Networks	04
USIT - 304	Database Management Systems	04
USIT - 305	Applied Mathematics	04
USIT - 3P1	Python Programming Practical Practical Index List	-
USIT - 3P2	Data Structures Practical Practical Index List	-
USIT - 3P3	Computer Networks Practical Practical Index List	-
USIT - 3P4	Database Management Systems Practical Practical Index List	-
USIT - 3P5	Mobile Programming Practical Practical Index List	-

Semester – IV (Total 5 papers, 20 Credit points)

Course code	Course Name	Credit Point
USIT - 401	Core Java	04
USIT - 402	Introduction To Embedded Systems	04
USIT - 403	Computer Oriented Statistical Techniques	04
USIT - 404	Software Engineering	04
USIT - 405	Computer Graphics and Animation	04
USIT - 4P1	Core Java Practical Practical Index List	-
USIT - 4P2	Introduction to Embedded Systems Practical Practical Index List	-
USIT - 4P3	Computer Oriented Statistical Techniques Practical Practical Index List	-
USIT - 4P4	Software Engineering practical Practical Index List	-
USIT - 4P5	Computer Graphics and Animation Practical Practical Index List	-

Third Year (TY-BSC IT)**Semester – V (Total 6 papers, 20 Credit points)**

Course code	Course Name	Credit Point
53701	Software Project Management	02
53702	Internet of Things	04
53703	Advanced Web Programming	04
53705	Linux System Administration	04
53706	Enterprise Java	04
USIT5P1	Project Dissertation	02
USIT5P2	Internet of Things Practical Practical Index List	-
USIT5P3	Advanced Web Programming Practical Practical Index List	-
USIT5P5	Linux System Administration Practical Practical Index List	-
USIT5P6	Enterprise Java Practical Practical Index List	-

Semester – VI (Total 6 papers, 20 Credit points)

Course code	Course Name	Credit Point
88701	Software Quality Assurance	02
88702	Security in Computing	04
88703	Business Intelligence	04
88704	Principles of Geographic Information System	04
88707	Cyber Laws	04
USIT - 6P1	Project Implementation	02
USIT - 6P2	Security in Computing practical Practical Index List	-
USIT - 6P3	Business Intelligence practical Practical Index List	-
USIT - 6P4	Principles of Geographic Information System practical Practical Index List	-
USIT - 6P6	Advance Mobile Programming Practical Index List	-