

## Syllabus wef 2023

### First Year (FY-BSC IT)

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

Course Code	Course Name	Credit Point	Remedial Worksheets
USIT - 101	Programming Principles with C	02	Download
USIT - 102	Digital Logic and Applications	02	<a href="#">Download</a>
USIT - 103	Fundamentals of Database Management Systems	02	<a href="#">Download</a>
USIT - 104	Computational Logic and Discrete Structure	02	<a href="#">Download</a>
USIT - 105	Technical Communication Skills	02	<a href="#">Download</a>
USIT - IP1	Programming Principles with C Practical <a href="#">Practical Index List</a>	02	-
USIT - IP2	Digital Logic and Applications Practical <a href="#">Practical Index List</a>	02	-
USIT - IP3	Fundamentals of Database Management Systems Practical <a href="#">Practical Index List</a>	02	-
USIT - IP4	Computational Logic and Discrete Structure Practical <a href="#">Practical Index List</a>	02	-
USIT - IP5	Technical Communication Skills Practical <a href="#">Practical Index List</a>	02	-

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

Course Code	Course Name	Credit Point	Remedial Worksheets
USIT - 201	Object Oriented Programming with C++	02	Download
USIT - 202	Fundamentals of Micro Processor and Microcontrollers	02	Download
USIT - 203	Web Applications Development	02	Download
USIT - 204	Numerical Methods	02	Download
USIT - 205	Green IT	02	Download
USIT - 2P1	Object Oriented Programming with C++ <a href="#">Practical Index List</a>	02	-
USIT - 2P2	Fundamentals of Micro Processor and Microcontrollers <a href="#">Practical Index List</a>	02	-
USIT - 2P3	Web Applications Development <a href="#">Practical Index List</a>	02	-
USIT - 2P4	Numerical Methods <a href="#">Practical Index List</a>	02	-
USIT - 2P5	PL/SQL <a href="#">Practical Index List</a>	02	-

### Second Year (SY-BSC IT)

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

Course code	Course Name	Credit Point	Remedial Worksheets
USIT - 301	Python Programming	02	Download
USIT - 302	Data Structures	02	<a href="#">Download</a>
USIT - 303	Computer Networks	02	Download
USIT - 304	Database Management Systems	02	<a href="#">Download</a>
USIT - 305	Applied Mathematics	02	Download
USIT - 3P1	Python Programming Practical <a href="#">Practical Index List</a>	02	-
USIT - 3P2	Data Structures Practical <a href="#">Practical Index List</a>	02	-
USIT - 3P3	Computer Networks Practical <a href="#">Practical Index List</a>	02	-
USIT - 3P4	Database Management Systems Practical <a href="#">Practical Index List</a>	02	-
USIT - 3P5	Mobile Programming Practical <a href="#">Practical Index List</a>	02	-

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

Course code	Course Name	Credit Point	Remedial Worksheets
USIT - 401	Core Java	02	Download
USIT - 402	Introduction To Embedded Systems	02	Download
USIT - 403	Computer Oriented Statistical Techniques	02	Download
USIT - 404	Software Engineering	02	Download
USIT - 405	Computer Graphics and Animation	02	Download
USIT - 4P1	Core Java Practical <a href="#">Practical Index List</a>	02	-
USIT - 4P2	Introduction to Embedded Systems Practical <a href="#">Practical Index List</a>	02	-
USIT - 4P3	Computer Oriented Statistical Techniques Practical <a href="#">Practical Index List</a>	02	-
USIT - 4P4	Software Engineering practical <a href="#">Practical Index List</a>	02	-
USIT - 4P5	Computer Graphics and Animation Practical <a href="#">Practical Index List</a>	02	-

### Third Year (TY-BSC IT)

#### Semester – V (Total 6 papers, 20 Credit points)

Course code	Course Name	Credit Point	Remedial Worksheets
USIT - 501	Software Project Management	02	<a href="#">Download</a>
USIT - 502	Internet of Things	02	Download
USIT - 503	Advanced Web Programming	02	<a href="#">Download</a>
USIT - 504	Linux System Administration	02	<a href="#">Download</a>
USIT - 506	Enterprise Java	02	<a href="#">Download</a>
USIT - 5P1	Project Dissertation	02	Download
USIT - 5P2	Internet of Things Practical <a href="#">Practical Index List</a>	02	-
USIT - 5P3	Advanced Web Programming Practical <a href="#">Practical Index List</a>	02	-
USIT - 5P5	Linux System Administration Practical <a href="#">Practical Index List</a>	02	-
USIT - 5P6	Enterprise Java Practical <a href="#">Practical Index List</a>	02	-

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

Course code	Course Name	Credit Point	Remedial Worksheets
USIT - 601	Software Quality Assurance	02	Download
USIT - 602	Security in Computing	02	Download
USIT - 603	Business Intelligence	02	Download
USIT - 604	Principles of Geographic Information System	02	Download
USIT - 607	Cyber Laws	02	Download
USIT - 6P1	Project Implementation	02	Download
USIT - 6P2	Security in Computing practical <a href="#">Practical Index List</a>	02	-
USIT - 6P3	Business Intelligence practical <a href="#">Practical Index List</a>	02	-
USIT - 6P4	Principles of Geographic Information System practical <a href="#">Practical Index List</a>	02	-
USIT - 6P6	Advance Mobile Programming practical <a href="#">Practical Index List</a>	02	-