

## Syllabus wef 2023

### First Year (FY-BSC CS)

#### SEMESTER – I (Total 7 papers, 20 Credit points)

Course Code	Course Name	Credit Point	Remedial Worksheet
USCS - 101	Digital Systems & Architecture	02	<a href="#">Download</a>
USCS - 102	Introduction to Programming with Python	02	<a href="#">Download</a>
USCS - 103	LINUX Operating System	02	Download
USCS - 104	Open Source Technologies	02	<a href="#">Download</a>
USCS - 105	Discrete Mathematics	02	<a href="#">Download</a>
USCS - 106	Descriptive Statistics	02	Download
USCS - 107	Soft Skills	02	Download
USCSP - 101	Digital Systems & Architecture Practical Index List	01	-
USCSP - 102	Introduction to Programming with Python Practical Index List	01	-
USCSP - 103	LINUX Operating System Practical Index List	01	-
USCSP - 104	Open Source Technologies Practical Index List	01	-
USCSP - 105	Discrete Mathematics Practical Index List	01	-
USCSP - 106	Descriptive Statistics Practical Index List	01	-

#### Semester – II (Total 7 papers, 20 Credit points)

Course Code	Course Name	Credit Point	Remedial Worksheet
USCS - 201	Design & Analysis of Algorithms	02	<a href="#">Download</a>
USCS - 202	Advanced Python Programming	02	<a href="#">Download</a>
USCS - 203	Introduction to OOPs using C++	02	<a href="#">Download</a>
USCS - 204	Database Systems	02	<a href="#">Download</a>
USCS - 205	Calculus	02	<a href="#">Download</a>
USCS - 206	Statistical Methods	02	<a href="#">Download</a>
USCS - 207	E-Commerce & Digital Marketing	02	<a href="#">Download</a>
USCSP - 201	Design & Analysis of Algorithms <a href="#">Practical Index List</a>	01	-
USCSP - 202	Advanced Python Programming <a href="#">Practical Index List</a>	01	-
USCSP - 203	Introduction to OOPs using C++ <a href="#">Practical Index List</a>	01	-
USCSP - 204	Database Systems <a href="#">Practical Index List</a>	01	-
USCSP - 205	Calculus <a href="#">Practical Index List</a>	01	-
USCSP - 206	Statistical Methods <a href="#">Practical Index List</a>	01	-

### Second Year (SY-BSC CS)

#### Semester – III (Total 7 papers, 20 Credit points)

Course code	Course Name	Credit Point	Remedial Worksheet
USCS - 301	Principles of Operating Systems	02	<a href="#">Download</a>
USCS - 302	Linear Algebra	02	<a href="#">Download</a>
USCS - 303	Data Structures	02	<a href="#">Download</a>
USCS - 304	Advanced Database Concepts	02	<a href="#">Download</a>
USCS - 305	Java based Application Development	02	Download
USCS - 306	Web Technologies	02	Download
USCS - 3072	Green Technologies	02	<a href="#">Download</a>
USCSP - 301	Principles of Operating Systems Practical Index List	01	-
USCSP - 302	Linear Algebra Practical Index List	01	-
USCSP - 303	Data Structures Practical Index List	01	-
USCSP - 304	Advanced Database Concepts Practical Index List	01	-
USCSP - 305	Java based Application Development Practical Index List	01	-
USCSP - 306	Web Technologies Practical Index List	01	-

**Semester – IV (Total 7 papers, 20 Credit points)**

Course code	Course Name	Credit Point	Remedial Worksheet
USCS - 401	Theory of Computation	02	<a href="#">Download</a>
USCS - 402	Computer Networks	02	<a href="#">Download</a>
USCS - 403	Software Engineering	02	<a href="#">Download</a>
USCS - 404	IoT Technologies	02	<a href="#">Download</a>
USCS - 405	Android Application Development	02	<a href="#">Download</a>
USCS - 406	Advanced Application Development	02	<a href="#">Download</a>
USCS - 407	Research Methodology	02	<a href="#">Download</a>
USCSP - 401	Theory of Computation <a href="#">Practical Index List</a>	01	-
USCSP - 402	Computer Networks <a href="#">Practical Index List</a>	01	-
USCSP - 403	Software Engineering <a href="#">Practical Index List</a>	01	-
USCSP - 404	IoT Technologies <a href="#">Practical Index List</a>	01	-
USCSP - 405	Android Application Development <a href="#">Practical Index List</a>	01	-
USCSP - 406	Advanced Application Development <a href="#">Practical Index List</a>	01	-

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

Course code	Course Name	Credit Point	Remedial Worksheet
USCS - 502	Linux Server Administration	03	<a href="#">Download</a>
USCS - 503	Software Testing and Quality Assurance	03	Download
USCS - 504	Information and Network Security	03	Download
USCS - 506	Artificial Intelligence	03	<a href="#">Download</a>
USCS - 507	Game Programming	02	<a href="#">Download</a>
USCSP - 501	Linux Server Administration <a href="#">Practical Index List</a>	02	-
	Software Testing and Quality Assurance <a href="#">Practical Index List</a>		-
USCSP - 502	Information and Network Security <a href="#">Practical Index List</a>	02	-
	Artificial Intelligence <a href="#">Practical Index List</a>		-
USCSP - 503	Project Implementation	01	-
USCSP - 504	Game Programming <a href="#">Practical Index List</a>	01	-

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

Course code	Course Name	Credit Point	Remedial Worksheet
USCS - 601	Wireless Sensor Networks and Mobile Communication	03	Download
USCS - 603	Cyber Forensics	03	Download
USCS - 604	Information Retrieval	03	Download
USCS - 605	Digital Image Processing	03	Download
USCS - 607	Ethical Hacking	02	Download
USCSP - 601	Wireless Sensor Networks and Mobile Communication <a href="#">Practical Index List</a>	02	-
	Cyber Forensics <a href="#">Practical Index List</a>		-
USCSP - 602	Information Retrieval <a href="#">Practical Index List</a>	02	-
	Digital Image Processing <a href="#">Practical Index List</a>		-
USCSP - 603	Project Implementation	01	-
USCSP - 604	Ethical Hacking <a href="#">Practical Index List</a>	01	-