

Syllabus wef 2024 - 25

First Year (FY-BSC CS)

Semester – I (Total 10 papers, 24 Credit points)

Sr. No.	Subjects Name	Credit Point	Syllabus
1.	Digital Systems and Architecture	02	Download
2.	Fundamentals and Database system	02	Download
3.	Digital Systems and Architecture Practical	02	Download
4.	Fundamentals and Database system Practical	02	Download
5.	Introduction to programming with python	02	Download
6.	Statistics with R programming	02	Download
7.	Marketing Mix 1	02	Download
8.	Introduction to Commerce	02	Download
9.	Introduction to Communication skills	02	Download
10.	Law related to Intellectual property rights	02	Download
11.	Indian Knowledge System	02	Download
12.	Introduction to Cultural activities	02	Download

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

Sr. No.	Course Name	Credit Point	Syllabus
1.	Design & Analysis of Algorithms	02	Download
2.	Object-oriented programming using C++	02	Download
3.	Programming with Python	02	Download
4.	Marketing Mix-II	02	Download
5.	Leadership Management	02	Download
6.	Database Management Systems using PL/SQL	02	Download
7.	Web Technologies	02	Download
8.	Hindi Bhasha	01	Download
9.	Foundation of Behavioral Skills – Basic Level	01	Download
10.	CC	01	Download
11.	Design & Analysis of Algorithms + Object-oriented programming using C++ (practical)	01	Download

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	Download
USCS - 302	Linear Algebra	02	Download
USCS - 303	Data Structures	02	Download
USCS - 304	Advanced Database Concepts	02	Download
USCS - 305	Java based Application Development	02	Download
USCS - 306	Web Technologies	02	Download
USCS - 3072	Green Technologies	02	Download
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	Download
USCS - 402	Computer Networks	02	Download
USCS - 403	Software Engineering	02	Download
USCS - 404	IoT Technologies	02	Download
USCS - 405	Android Application Development	02	Download
USCS - 406	Advanced Application Development	02	Download
USCS - 407	Research Methodology	02	Download
USCSP - 401	Theory of Computation Practical Index List	01	-
USCSP - 402	Computer Networks Practical Index List	01	-
USCSP - 403	Software Engineering Practical Index List	01	-
USCSP - 404	IoT Technologies Practical Index List	01	-
USCSP - 405	Android Application Development Practical Index List	01	-
USCSP - 406	Advanced Application Development Practical Index List	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	Download
USCS - 503	Software Testing and Quality Assurance	03	Download
USCS - 504	Information and Network Security	03	Download
USCS - 506	Artificial Intelligence	03	Download
USCS - 507	Game Programming	02	Download
USCSP - 501	Linux Server Administration Practical Index List	02	-
	Software Testing and Quality Assurance Practical Index List		-
USCSP - 502	Information and Network Security Practical Index List	02	-
	Artificial Intelligence Practical Index List		-
USCSP - 503	Project Implementation	01	-
USCSP - 504	Game Programming Practical Index List	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 Practical Index List	02	-
	Cyber Forensics Practical Index List		-
USCSP - 602	Information Retrieval Practical Index List	02	-
	Digital Image Processing Practical Index List		-
USCSP - 603	Project Implementation	01	-
USCSP - 604	Ethical Hacking Practical Index List	01	-