

## B.Sc. Computer Science

<b>Semester – I</b>		
<b>Course Code</b>	<b>Course Name</b>	<b>Credits</b>
BSCCS18101	Fundamentals of Programming using C	3
BSCCS18102	Database Management System	3
BSCCS18103	Analog Electronics	3
BSCCS18104	Discrete Mathematics	3
BSCCS18105	Statistical Methods-I	4
BSCCS18106	Programming Lab-I	2
BSCCS18107	Database Management System Lab	2
BSCCS18108	Analog Electronics Lab	2
BSCCS18109	Environmental Science	
	<b>TOTAL</b>	<b>22</b>

<b>Semester – II</b>		
<b>Course Code</b>	<b>Course Name</b>	<b>Credits</b>
BSCCS18201	Advanced C Programming	3
BSCCS18202	Advanced Database Management System	3
BSCCS18203	Digital Electronics	3
BSCCS18204	Computer Oriented Numerical Methods	4
BSCCS18205	Statistical Methods-II	4
BSCCS18206	Programming Lab-II	2
BSCCS18207	Advanced Database Management System Lab	2
BSCCS18208	Digital Lab	2
	<b>TOTAL</b>	<b>23</b>

## B.Sc. Computer Science

Semester – III		
Course Code	Course Name	Credits
BSCCS18301	Data Structure	3
BSCCS18302	Web Technology 1	3
BSCCS18303	Microprocessor and Computer Organization	3
BSCCS18304	Software Engineering	4
BSCCS18305	Object Oriented Programming using Java	3
BSCCS18306	Data Structure Lab	2
BSCCS18307	Web Tech and Java Lab	2
BSCCS18308	Microprocessor Lab	2
BSCCS18309	Communication Skills 1	
	TOTAL	22

Semester – IV		
Course Code	Course Name	Credits
BSCCS18401	Operating System	3
BSCCS18402	Web Tech II	3
BSCCS18403	Data Acquisition System	3
BSCCS18404	Computer Network	3
BSCCS18405	System Programming	3
BSCCS18406	Web Tech Lab (Mini Project)	3
BSCCS18407	Operating System Lab	2
BSCCS18408	Data Acquisition System Lab	2
BSCCS18409	Communication Skills 2	
	TOTAL	22

## B.Sc. Computer Science

Semester – V		
Course Code	Course Name	Credits
BSCCS18501	Introduction to Cloud Computing	3
BSCCS18502	Introduction to IoT	3
BSCCS18503	Theory of Computer Science	3
BSCCS18504	Artificial Intelligence	3
	Electives : i. Introduction to Python ii. Android Programming	3
BSCCS18505	IoT and Cloud Lab	3
BSCCS18506	Artificial Intelligence Lab	2
	Elective Lab	2
	TOTAL	22

Semester – VI		
Course Code	Course Name	Credits
BSCCS18601	Computer Graphics	3
	Elective – II	3
	Elective – III	3
	Major Project	10
	Elective – II Lab	2
	Elective – III Lab	2
	TOTAL	23