

CORE COURSE : COMPUTER SCIENCE

First Semester							
Group & Course Details		Instruction Hrs./Week	Duration of the Exam	Marks			Credits
				IA	Sem Exam	Total	
Group I : Core Courses							
BSCCSC131	Digital Fundamentals	04	03	20	80	100	02
BSCCSP132	Digital & MS Office Lab	03	03	10	40	50	01
Group II : Elective Course							
BSCCSCE133	Computer Network & Security	02	02	10	40	50	01
BSCCSCE134	Open Source Software						
Second Semester							
Group I : Core Courses							
BSCCSC181	Problem Solving using C Language	04	03	20	80	100	02
BSCCSP182	C Programming Lab	03	03	10	40	50	01
Group II : Elective Course							
BSCCSCE183	Cloud Computing	02	02	10	40	50	01
BSCCSCE184	Data Mining with R						
Third Semester							
Group I : Core Courses							
BSCCSC231	Data Structures	04	03	20	80	100	02
BSCCSP232	Data Structures Lab	03	03	10	40	50	01
Group II : Elective Course							
BSCCSCE233	System Administration & Maintenance	02	02	10	40	50	01
BSCCSCE234	Desktop Publishing						
Fourth Semester							
Group I : Core Courses							
BSCCSC281	Operating Systems & Linux	04	03	20	80	100	02
BSCCSP282	Linux lab	03	03	10	40	50	01
Group II : Elective Course							
BSCCSOE283	Fundamentals of IT	02	02	10	40	50	01
BSCCSOE284	Office Automation Tools						
Fifth Semester							
Group I : Core Courses							
BSCCSC331	RDBMS & Oracle	03	03	20	80	100	02
BSCCSP332	Microprocessor Architecture & 8086 Programming	03	03	20	80	100	02
BSCCSOE333	Web Development using PHP						
BSCCSP333	Oracle and 8806 Programming Lab	04	03	20	80	100	02
BSCCSP334	Oracle & Web Design Lab						
Sixth Semester							
Group I : Core Courses							
BSCCSC381	Object Oriented Programming with JAVA	03	03	20	80	100	02
BSCCSP382	Visual Programming						
BSCCSOE383	Computer Graphics & Animation	03	03	20	80	100	02
BSCCSP383	Java Programming & VB Lab						
BSCCSP384	Java Programming & Computer Graphics Lab						