

FIRST SEMESTER WISE EVALUATION SCHEME									
Group	Code No.	Paper	L	T/P	Credits	Mode	Marks		
							Internal	External	Max
1PC	BCA 101	Discrete Mathematics	4	-	4	Theory	40	60	100
1SEC	BCA 103	Programming Using 'C' Language	3	-	3	Theory	40	60	100
PC	BCA 105#	Fundamentals of Computers & IT	3	-	3	Theory	40	60	100
SEC	BCA 107#	Web Technologies	3	-	3	Theory	40	60	100
AEC	BCA 109	Technical Communication	3	-	3	Theory	40	60	100
VAC	BCA 111	Human Values and Ethics	2	-	2	Theory	40	60	100
1SEC	BCA 171	Programming Using 'C' Language Lab	-	4	2	Practical	100	—	100
1PC	BCA 173	Fundamentals of Computers & IT Lab	-	3	1	Practical	40	60	100
SEC	BCA 175	Web Technologies Lab	-	3	1	Practical	100	—	100
		Total	18	10	22		Pass Grade	—	—
Bridge Course (Mandatory for Students from Non Mathematics background)									
BC	BCA 181+	Bridge Course in Mathematics	4	0	0		100	—	100
+ Non Credit subject mandatory for the students who do not have mathematics in 12th Std. The student has to obtain at least 40 marks. The examination of this paper shall be conducted by the concerned teacher teaching the course / paper as Teacher's Contin									
# Generic Elective (GE) for other undergraduate programmes									
1 Mandatory paper to be passed for the award of the degree.									
HS/MS	HS-352	NSS / NCC / Cultural Clubs / Technical Society / Technical Club*	-	-	2				

***NUES:** Comprehensive evaluation of the students by the concerned coordinator of NCC / NSS / Cultural Clubs / Technical Society / Technical Clubs, out of 100 as per the evaluation schemes worked out by these activity societies, organizations; the co-ordinators shall be responsible for the evaluation of the same. These activities shall start from the 1st semester and the evaluation shall be conducted at the end of the 6th semester for students admitted in the first semester. Students admitted in the 2nd year (3rd semester) as lateral entry shall be for the period of 3rd semester to 6th semester only

SECOND SEMESTER WISE EVALUATION SCHEME									
Group	Code No.	Paper	L	T/P	Credits	Mode	Marks		
							Internal	External	Max
PC	BCA 102	Applied Mathematics	4	-	4	Theory	40	60	100

SEC	BCA 104	Web based Programming	3	-	3	Theory	40	60	100
1PC	BCA 106#	Data Structure And Algorithms Using 'C'	4	-	4	Theory	40	60	100
1PC	BCA 108#	Database Management System	4	-	4	Theory	40	60	100
VAC	BCA 110	Environment Studies	2	-	2	Theory	100	-	100
SEC	BCA 112 BCA 114 BCA 116	Choose any one (Skill Enhancement Course)	-	2	1	Practical	40	60	100
		Front End Design Tool VB.Net Lab							
		Statistical Analysis using Excel							
		Design Laboratory using Photoshop							
SEC	BCA 172	Programming Using 'C' Language Lab	-	2	1	Practical	40	60	100
1PC	BCA 174	Fundamentals of Computers & IT Lab	-	4	2	Practical	40	60	100
1PC	BCA 176	Web Technologies Lab	-	2	1	Practical	40	60	100
		Total	17	10	22		Pass Grade	—	—
# Generic Elec ve (GE) for other undergraduate programmes.									
1Mandatory paper to be passed for the award of the degree.									

THIRD SEMESTER WISE EVALUATION SCHEME									
Group	Code No.	Paper	L	T/P	Credits	Mode	Marks		
							Internal	External	Max
1PC	BCA 201	Computer Network	3	-	3	Theory	40	60	100
1PC	BCA 203	Computer Organization and Architecture	3	-	3	Theory	40	60	100
PC	BCA 205	Full Stack Development	3	-	3	Theory	40	60	100
DSE	BCA 207#	Python Programming	3	-	3	Theory	40	60	100
Select Any One from BCA 209 AND BCA 211									
GE-1	BCA 209	Principles of Management & Organizational Behaviour	2	-	2	Theory	40	60	100
GE-1	BCA 211	Open Elective offered by other Department/School/Programme	-	-	2				
AEC	BCA 271	Vocational Course*	-	-	2	Practical	100	-	100
1PC	BCA 273	Computer Organization and Architecture Lab	-	4	2	Practical	40	60	100
PC	BCA 275	Full Stack Development Lab	-	4	2	Practical	40	60	100
PC	BCA 277	Python Programming Lab	-	4	2	Practical	40	60	100