

B.C.A – COMPUTER APPLICATION
I Year

Paper	Subjects	Duration (in hours)	Maximum Marks	Passing Minimum Marks
	Foundation Courses			
I	Paper – I – Language	3	100	40
II	Paper – II – English	3	100	40
	Core Course - Main Subjects			
1	Mathematics	3	100	40
2	Digital Logic Fundamentals and Programming	3	100	40
3	Practical – I – P.C.Software and C Programming Lab	3	100	40

II Year

Paper	Subjects	Duration (in hours)	Maximum Marks	Passing Minimum Marks
4	Core Course – Main Subjects	3	100	40
5	Programming in COBOL and C++	3	100	40
6	Financial, Cost and Management Accounting	3	100	40
	Numerical and Statistical Methods, Data			
7	Structures & Algorithms	3	100	40
8	Operating Systems and Microprocessors	3	100	40
9	Practical – II Programming on COBOL & Microprocessors Lab	3	100	40
	Practical – III – Numerical & Statistical Methods and Data Structures using C & C++	3	100	40

III Year

Paper	Subjects	Duration (in hours)	Maximum Marks	Passing Minimum Marks
	Core Course – Main Subject			
10	Programming in Java & Data Communication and Networking	3	100	40
11		3	100	40
12	Database Management System and Computer Graphics	3	100	40
13	Visual Programming & Software Engineering	3	100	40
14	Resource Management Technique & Web Technology	3	100	40
15	Practical-IV – RDBMS and Web Application Lab	3	100	40
	Practical – V – Programming in Java and Mini Projects			