

BABU BANARASI DAS UNIVERSITY, LUCKNOW**B. Sc. (Hons.) Computer Science****COURSE STRUCTURE (Under CBCS)**

Course	Code	Title	Teaching		Evaluation				Credits		
					Theory		Lab/Practical			Total	
			L	T	P	10A	10B	10A			10B
Course	BSC 101	Programming Fundamentals (C++)	4	-	4	40	40	20	20	100	5
Course	BSC 102	Computer System Architecture	3	1	-	30	30	-	-	100	4
Lab	BSC 102L	Generic Elective - I	-	-	-	-	-	-	-	-	5
Course	BSC103	Communicative English	2	-	-	40	40	-	-	100	2
Lab	BSC101	General Proficiency	-	-	-	-	-	100	-	100	1
SEMESTER - II											
Course	BSC 104	Data Structures	4	-	4	40	40	20	20	100	5
Course	BSC 105	Discrete Structures	3	1	-	30	30	-	-	100	4
Lab	BSC 104L	Generic Elective - II	-	-	-	-	-	-	-	-	5
Course	BSC106	Environmental Studies	2	-	-	40	40	-	-	100	2
Lab	BSC101	General Proficiency	-	-	-	-	-	100	-	100	1
SEMESTER - III											
Course	BSC 107	Programming in JAVA	4	-	4	40	40	20	20	100	5
Course	BSC 108	Operating Systems	4	-	4	40	40	20	20	100	5
Course	BSC 109	Computer Networks	3	1	-	40	40	-	-	100	4
Lab	BSC 107L	Generic Elective - III	-	-	-	-	-	-	-	-	5
Lab	BSC110	Self-Management Course - I	-	-	-	-	-	-	-	-	2
Lab	BSC101	General Proficiency	-	-	-	-	-	100	-	100	1
SEMESTER - IV											
Course	BSC 110	Design and Analysis of Algorithms	3	1	-	40	40	-	-	100	4
Course	BSC 111	Internet Engineering	2	1	-	40	40	-	-	100	3
Course	BSC 112	Database Management Systems	4	-	4	40	40	20	20	100	5
Lab	BSC 110L	Generic Elective - IV	-	-	-	-	-	-	-	-	5
Lab	BSC113	Self-Management Course - II	-	-	-	-	-	-	-	-	2
Lab	BSC101	General Proficiency	-	-	-	-	-	100	-	100	1
SEMESTER - V											
Course	BSC 113	Internet Technology	4	-	4	40	40	20	20	100	5
Course	BSC 114	Theory of Computation	3	1	-	40	40	-	-	100	4
Lab	BSC 113L	Design Specific Elective - I	-	-	-	-	-	-	-	-	5
Lab	BSC 114L	Design Specific Elective - II	-	-	-	-	-	-	-	-	5
Lab	BSC 101	General Proficiency	-	-	-	-	-	100	-	100	1
SEMESTER - VI											
Course	BSC 115	Artificial Intelligence	4	-	4	40	40	20	20	100	5
Course	BSC 116	Computer Graphics	3	-	3	40	40	20	20	100	4
Lab	BSC 115L	Design Specific Elective - III	-	-	-	-	-	-	-	-	5
Lab	BSC 116L	Design Specific Elective - IV	-	-	-	-	-	-	-	-	5
Lab	BSC 114	Final Year	-	-	-	-	-	100	100	100	1
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