

Curriculum Structure

Program: BCA

Subject: Computer Applications

Semester	Course Code	Title of the Paper	Credits (L+P)	No. of Teaching Hours / Per Week	Marks		Total Credits
					SEE	IA	
III		Language-III	3+0	4	80	20	26
		English-III	3+0	4	80	20	
	DS3T1	Object Oriented Concepts using JAVA	4+0	4	80	20	
	DS3T2	Database Management Systems	4+0	4	80	20	
	DS3T3	Fundamentals of Data Science	4+0	4	80	20	
	DS3P1	Java Programming Lab	0+2	4	40	10	
	DS3P2	DBMS Lab	0+2	4	40	10	
	SEC1	Shell Programming Lab	0+2	4	40	10	
	DSE1	Internet of Things / Cloud Computing	2+0	2	40	10	
IV		Language-IV	3+0	4	80	20	26
		English-IV	3+0	4	80	20	
	DS4T1	Python Programming	4+0	4	80	20	
	DS4T2	Artificial Intelligence & Applications	4+0	4	80	20	
	DS4T3	Data Visualization	4+0	4	80	20	
	DS4P1	Python Programming Lab	0+2	4	40	10	
	DS4P2	Artificial Intelligence Lab using Python	0+2	4	40	10	
	CMVII	Constitutional Moral Values-II	2+0	2	40	10	
	DSE2	Machine Learning / Data and Information Security	2+0	2	40	10	