

Semester wise titles of Courses/Papers of BCA as per NEP 2020 (Credits and Grading System)

Semester	Courses/ Papers	Courses Code	COURSE TITLE	Theory/ Practical	Credits	Evaluation (MM-100)	
						CIE	ETE
BCA-I Sem	I	B230101T	MATHEMATICS	T	4	25	75
	II	B230102T	COMPUTER FUNDAMENTALS	T	4	25	75
	III	B230103T	PROGRAMMING IN C	T	4	25	75
	IV	B230104T	BASIC ELECTRONICS	T	4	25	75
	V	B230105T	COMMUNICATION SKILLS	T	4	25	75
	VI	B230106P	C Programming Lab. Basic Electronics Lab. Communication Skill Lab.	P	5	25	75
BCA-II Sem	I	B230201T	Statistics	T	4	25	75
	II	B230202T	Data and File Structure	T	4	25	75
	III	B230203T	Business System	T	4	25	75
	IV	B230204T	Digital Electronics	T	4	25	75
	V	B230205T	Object Oriented Methodology using C++	T	4	25	75
	VI	B230206P	Data Structure Lab. C++ Programming Lab. Digital Electronics Lab.	P	5	25	75
BCA-III Sem	I	B230301T	DISCRETE MATHEMATICS	T	4	25	75
	II	B230302T	DESIGN ANALYSIS OF ALGORITHMS	T	4	25	75
	III	B230303T	JAVA PROGRAMMING	T	4	25	75
	IV	B230304T	COMPUTER ORGANIZATION	T	4	25	75
	V	B230305T	DATA BASE MANAGEMENT SYSTEM	T	4	25	75
	VI	B230306P	JAVA PROGRAMMING LAB. DATA BASE MANAGEMENT SYSTEM LAB.	P	5	25	75
BCA-IV Sem	I	B230401T	NUMERICAL METHODS	T	4	25	75
	II	B230402T	OPERATING SYSTEM	T	4	25	75
	III	B230403T	DOT NET AND C# PROGRAMMING	T	4	25	75
	IV	B230404T	CYBER LAW AND INTERNET SECURITY	T	4	25	75
	V	B230405T	SOFTWARE ENGINEERING	T	4	25	75
	VI	B230406P	DOT NET AND C# PROGRAMMING LAB. NUMERICAL METHODS PROGRAMMING LAB.	P	5	25	75
BCA-V Sem	I	B230501T	COMPUTER GRAPHICS	T	4	25	75
	II	B230502T	MULTIMEDIA SYSTEMS	T	4	25	75
	III	B230503T	DATA COMMUNICATION AND NETWORKS	T	4	25	75
	IV	B230504T	INTERNET AND WEB DESIGN	T	4	25	75
	V	B230505P	COMPUTER GRAPHICS LAB. WEB PROGRAMMING LAB.	P	4	25	75
	VI	B230506R	MINOR PROJECT	R	5	25	75

BCA-VI Sem	ELECTIVE (Choose Any Two Papers)	I	B230601T	E- COMMERCE AND APPLICATION	T	4	25	75
		II	B230602T	ADVANCED DATA BASE MANAGEMENT SYSTEM	T	4	25	75
		III	B230603T	ADVANCED COMPUTER ARCHITECTURE	T	4	25	75
		IV	B230604T	NETWROK MANAGEMENT AND SECURITY	T	4	25	75
		V	B230605T	OPTIMIZATION TECHNIQUES	T	4	25	75
		VI	B230606T	IMAGE PROCESSING	T	4	25	75
	VII	B230607R	MAJOR PROJECT	R	16	25	75	

Note: Continuous Internal Evaluation (CIE) will be three time as Test-I, Test-II and Test-III as per schedule decided by University and Best of Two test marks will be included in final marks. Each test will be of 12.50 marks.

