

SEMESTER I

CLASS	Structure	Subject Code	Paper Title
B.C.A.Honours	MULTI	R23MDP101	Principles of Psychology
	MULTI	R23MDP102	Principles of Chemical Sciences
	SKILL	R23SDP101	Entrepreneurship
	SKILL	R23SDP102	Communication Skills
	LAN	R23ENG101	A Course in Communication and Soft Skills
	LAN	R23TEL101	General Telugu
	LAN	R23HIN101	General Hindi
	MAJOR	R23COM101	Fundamentals of Commerce
	MAJOR	R23COM102	Business Organisation

SEMESTER II

CLASS	Structure	Subject Code	Paper Title
BCA HONOURS	LANGUAGE	R23ENG201	A COURSE IN READING & WRITING SKILLS
	LANGUAGE	R23TEL201	GENERAL TELUGU
		R23HIN201	GENERAL HINDI
	SKILL	R23SDP201	DIGITAL LITERACY
	SKILL	R23SDPB202	BUSINESS WRITING
	MAJOR	R23BCA201	DIGITAL LOGIC DESIGN
		R23BCA201P	DIGITAL LOGIC DESIGN (Practical)
	MAJOR	R23BCA202	PROGRAMMING IN C
		R23BCA202P	PROGRAMMING IN C (Practical)
	MINOR	R23MBCA203	INTRODUCTION TO DATA SCIENCE & R PROGRAMMING
R23MBCA203P		INTRODUCTION TO DATA SCIENCE & R PROGRAMMING (Practical)	

SEMESTER III

CLASS	Structure	Subject Code	Paper Title
BCA HONOURS I & II	MAJOR	R23BCA301	Data Base Management System
		R23BCA301P	Data Base Management System (Practical)
	MAJOR	R23BCA302	Data Structures
		R23BCA302P	Data Structures (Practical)
	MAJOR	R23BCA303	Object Oriented Programming through Java
		R23BCA303P	Object Oriented Programming through Java (Practical)
	MAJOR	R23BCA304	Software Engineering
		R23BCA304P	Software Engineering (Practical)
	MINOR	R23MCSC302	Python Programming for Data Analytics
		R23MCSC302	Python Programming for Data Analytics (Practical)
MULTI	R23MDP301	Health and Hygiene	
SKILL	R23SDP302	Data Analysis	

SEMESTER IV

CLASS	Structure	Subject Code	Paper Title
BCA HONOURS I & II	MAJOR	R23BCA401	Python Programming
		R23BCA401P	Python Programming (Practical)
	MAJOR	R23BCA402	Operating System
		R23BCA402P	Operating System (Practical)
	MAJOR	R23BCA403	Mobile Application Development using Android
		R23BCA403P	Mobile Application Development using Android (Practical)
	MINOR	R23DS401	Data Visualisation using Tableau
		R23DS401P	Data Visualisation using Tableau (Practical)
	MINOR	R23DS402	Data visualisation using Python
		R23DS402P	Data visualisation using Python (Practical)
	MULTI	R23MDP401	Indian Philosophy
	SKILL	R23SDP402	Digital Marketing