

SEMESTER I

CLASS	Structure	Subject Code	Paper Title
B.Sc.Honours Data Science	MULTI	R23MDP101	Principles of Psychology
	SKILL	R23SDP101	Analytical Skills
	SKILL	R23SDP102	Communication Skills
	LAN	R23ENG101	A Course in Communication and Soft Skills
	LAN	R23TEL101	General Telugu
	LAN	R23HIN101	General Hindi
	MAJOR	R23BSC101	Essential & Application of Mathematical, Physical & Chemical Sciences
	MAJOR	R23BSC102	Advances in Mathematical, Physical & Chemical Sciences

SEMESTER II

CLASS	Structure	Subject Code	Paper Title
BSC HONOURS DATA SCIENCE	LANGUAGE	R23ENG201	A COURSE IN READING & WRITING SKILLS
	LANGUAGE	R23TEL201	GENERAL TELUGU
		R23HIN201	GENERAL HINDI
	SKILL	R23SDP201	DIGITAL LITERACY
	SKILL	R23SDPA202	MARKETING SKILLS
	MAJOR	R23DSSTAT201	DESCRIPTIVE STATISTICS
		R23DSSTAT201P	DESCRIPTIVE STATISTICS (Practical)
	MAJOR	R23DSCSC202	INTRODUCTION TO DATA SCIENCE & R PROGRAMMING
		R23DSCSC202P	INTRODUCTION TO DATA SCIENCE & R PROGRAMMING (Practical)
	MINOR	R23MSTAT203	RANDOM VARIABLES & MATHEMATICAL EXPECTATIONS
R23MSTAT203P		RANDOM VARIABLES & MATHEMATICAL EXPECTATIONS (Practical)	

SEMESTER III

CLASS	Structure	Subject Code	Paper Title
BSC HONOURS DATA SCIENCE	MAJOR	R23DS301	Python Programming for Data Analytics
		R23DS301P	Python Programming for Data Analytics (Practical)
	MAJOR	R23DS302	Data Mining Techniques using R
		R23DS302P	Data Mining Techniques using R (Practical)
	MAJOR	R23DS303	Web Technologies
		R23DS303P	Web Technologies (Practical)
	MAJOR	R23DSSTAT301	Inferential Statistics
		R23DSSTAT301P	Inferential Statistics (Practical)
	MINOR	R23DSMSTAT30	Distribution Theory
		R23DSMSTAT30	Distribution Theory (Practical)
MULTI	R23MDP301	Health and Hygiene	
SKILL	R23SDP301	Project Management	

SEMESTER IV

CLASS	Structure	Subject Code	Paper Title
BSC HONOURS DATA SCIENCE	MAJOR	R23DS401	Data Visualisation using Tableau
		R23DS401P	Data Visualisation using Tableau (Practical)
	MAJOR	R23DS402	Data visualisation using Python
		R23DS402P	Data visualisation using Python (Practical)
	MAJOR	R23DS403	Introduction to SQL and Advanced Tableau
		R23DS403P	Introduction to SQL and Advanced Tableau (Practical)
	MINOR	R23DSSTAT401	Design and Analysis of Experiments
		R23DSSTAT401P	Design and Analysis of Experiments (Practical)
	MINOR	R23DSMSTAT40	Numerical Analysis
		R23DSMSTAT40	Numerical Analysis (Practical)
	MULTI	R23MDP401	Indian Philosophy
SKILL	R23SDP401	Cyber Securities	