

SEMESTER I

CLASS	Structure	Subject Code	Paper Title
B.Sc.Honours Bio-technology	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	R23BM101	Introduction to Classical Biology
	MAJOR	R23BM102	Introduction to applied biology

SEMESTER II

CLASS	Structure	Subject Code	Paper Title
BSC HONOURS BIOTECHNOLOGY	LANGUAGE	R23ENG201	A COURSE IN READING & WRITING SKILLS
	LANGUAGE	R23TEL201	GENERAL TELUGU
		R23HIN201	GENERAL HINDI
	SKILL	R23SDP201	DIGITAL LITERACY
	SKILL	R23SDPA202	MARKETING SKILLS
	MAJOR	R23BT201	BIOMOLECULES AND ANALYTICAL TECHNIQUES
		R23BT201P	BIOMOLECULES AND ANALYTICAL TECHNIQUES (P)
	MAJOR	R23BT202	MICROBIOLOGY, CELL BIOLOGY
		R23BT202P	MICROBIOLOGY, CELL BIOLOGY (P)
	MINOR	R23MCHE203	GENERAL & INORGANIC CHEMISTRY
R23MCHE203P		GENERAL & INORGANIC CHEMISTRY (P)	

SEMESTER III

CLASS	Structure	Subject Code	Paper Title
BSC HONOURS BIOTECHNOLOGY	MAJOR	R23BT301	Plant and Animal Biotechnology
		R23BT301P	Plant and Animal Biotechnology (Practical)
	MAJOR	R23BT302	Molecular Biology
		R23BT302P	Molecular Biology (Practical)
	MAJOR	R23BT303	Genetic Engineering
		R23BT303P	Genetic Engineering (Practical)
	MAJOR	R23BT304	Metabolism
		R23BT304P	Metabolism (Practical)
	MINOR	R23MCHE301	Fundamentals in Organic Chemistry
		R23MCHE301P	Fundamentals in Organic Chemistry (Practical)
MULTI	R23MDP301	Health and Hygiene	
SKILL	R23SDP301	Project Management	

SEMESTER III

CLASS	Structure	Subject Code	Paper Title
	MAJOR	R23BT401	Immunology
		R23BT401P	Immunology (Practical)

BSC HONOURS BIOTECHNOLOGY	MAJOR	R23BT402	Bio informatics and Bio Statistics
		R23BT402P	Bio informatics and Bio Statistics (Practical)
	MAJOR	R23BT403	Medical Biotechnology
		R23BT403P	Medical Biotechnology (Practical)
	MINOR	R23MCHE401	Physical Chemistry II (States of Matter, Phase rule and surface chemistry)
		R23MCHE401P	Physical Chemistry II (States of Matter, Phase rule and surface chemistry) (Practical)
	MINOR	R23MCHE402	General and Physical Chemistry
		R23MCHE402P	General and Physical Chemistry (Practical)
	MULTI	R23MDP401	Indian Philosophy
	SKILL	R23SDP401	Cyber Securities