

M.Sc. (Tech.) Pharmaceutical Chemistry (DRL, Hyderabad)

Type of Input	Sponsored employees of DRL, Hyderabad with B.Sc. in Experimental Sciences.
Duration	Normally Six Semesters
Special Feature	This is a specially designed programme for Human Resource Development needs of Dr. Reddy's Laboratories Limited, Hyderabad.

Year	First Semester	U	Second Semester	U
I	PCRL ZC111 Mathematics- I	3	PCRL ZC112 Mathematics – II	3
	PCRL ZC122 Physical Chemistry	3	PCRL ZC121 Organic Chemistry	3
	PCRL ZC131 Principles of Management	3	PCRL ZC132 Computer Programming	3
	PCRL ZC141 Inorganic Chemistry	3	PCRL ZC142 Measurement Techniques	3
	Total	12	Total	12
II	PCRL ZC211 Instrumental Methods of Analysis	4	PCRL ZC212 Synthetic Organic Chemistry	3
	PCRL ZC221 Structure & Reactivity of Organic Compounds	3	PCRL ZC222 Stereo Chemistry and Reaction Mechanisms	3
	PCRL ZC232 Pharmaceutical Process Technology	3	PCRL ZC242 Environmental Pollution Control	3
	PCRL ZC251 Organo-Metallic Chemistry	3	PCRL ZC252 Analytical Method Development	3
	Total	13	Total	12
III	PCRL ZC311 Technical Report Writing	3	PCRL ZC423T Project Work	20
	PCRL ZC321 Medicinal Chemistry	3		
	PCRL ZC341 Pharmaceutical Quality Control & Regulatory Affairs	3		
	PCRL ZC351 Structure Elucidation	3		
	Total	12	Total	20

Note: This is the currently operative pattern as approved by the Senate-appointed committee, subject to change if the situation warrants.

M.Sc.(Tech.) Pharmaceutical Chemistry (Matrix Laboratories, Hyderabad)

Type of Input	Sponsored employees of Matrix Laboratories, Hyderabad with B.Sc. in Experimental Sciences.
Duration	Normally 6-Semesters.
Special Feature	This is a specially designed programme for Human Resource Development needs of Matrix Laboratories Ltd, Hyderabad.

Year	First Semester	U	Second Semester	U
I	PCML ZC111 Mathematics- I	3	PCML ZC112 Mathematics – II	3
	PCML ZC122 Physical Chemistry	3	PCML ZC121 Organic Chemistry	3
	PCML ZC131 Principles of Management	3	PCML ZC132 Computer Programming	3
	PCML ZC141 Inorganic Chemistry	3	PCML ZC142 Measurement Techniques	3
	Total	12	Total	12
II	PCML ZC211 Instrumental Methods of Analysis	4	PCML ZC212 Synthetic Organic Chemistry	3
	PCML ZC221 Structure & Reactivity of Organic Compounds	3	PCML ZC222 Stereo Chemistry and Reaction Mechanisms	3
	PCML ZC232 Pharmaceutical Process Technology	3	PCML ZC242 Environmental Pollution Control	3
	PCML ZC251 Organo-Metallic Chemistry	3	PCML ZC252 Analytical Method Development	3
	Total	13	Total	12
III	PCML ZC311 Technical Report Writing	3	PCML ZC423T Project Work	20
	PCML ZC321 Medicinal Chemistry	3		
	PCML ZC341 Pharmaceutical Quality Control & Regulatory Affairs	3		
	PCML ZC351 Structure Elucidation	3		
	Total	12	Total	20

Note: This is the currently operative pattern as approved by the Senate-appointed committee, subject to change if the situation warrants.