

**School of Medical & Allied Sciences**  
**M.Pharm (Pharmaceutical Analysis)**

**PG PROGRAM STRUCTURE**

Semester I

Course Code	Subject	L	T	P	C	Examinations/Assessments			
						Internal Assessments		End Semester Examination	
						Continuous Mode	Sessional Exam	End Semester Exams	Total
MPA101T	Modern Pharmaceutical Analytical Techniques	4	0	0	4	10	15	75	100
MPA102T	Advanced Pharmaceutical Analysis	4	0	0	4	10	15	75	100
MPA103T	Pharmaceutical Validation	4	0	0	4	10	15	75	100
MPA104T	Food Analysis	4	0	0	4	10	15	75	100
MPA105P	Pharmaceutical Analysis Practical I	0	0	12	6	20	30	100	150
MPA106S	Seminar/Assignment	0	7	0	4	--	--	100	100
	Total	16	7	12	26				650

## Semester II

Course Code	Subject	L	T	P	C	Examinations/Assessments			
						Internal Assessments		End Semester Examination	
						Continuo us Mode	Sessional Exam	End Semester Exams	Total
MPA201T	Advanced Instrumental Analysis	4	0	0	4	10	15	75	100
MPA202T	Modern Bio-Analytical Techniques	4	0	0	4	10	15	75	100
MPA203T	Quality Control and Quality Assurance	4	0	0	4	10	15	75	100
MPA204T	Herbal and Cosmetic Analysis	4	0	0	4	10	15	75	100
MPA205P	Pharmaceutical Analysis Practical II	0	0	12	6	20	30	100	150
MPA206S	Seminar/Assignment	0	7	0	4	--	--	100	100
	<b>Total</b>	<b>16</b>	<b>7</b>	<b>12</b>	<b>26</b>				<b>650</b>

### Semester III

Course Code	Subject	L	T	P	C	Examinations/Assessments				
						Internal Assessments			End Semester Examinations	
						Continu ous Mode	Sessional Exam	Total	End Semester Exams	Total
MRM301T	Research Methodology and Biostatistics*	4	0	0	4	10*	15	25	75	100
MPA302J	Journal club	1	0	0	1	--	--	25**	--	25
MPA303D	Discussion / Presentation (Proposal Presentation)	2	0	0	2	--	--	50**	--	50
MPA304R	Research Work*	0	0	28	14	--	--	--	350	350
	Total	7	0	28	21					525

\*Continuous Mode \*\*Internal Assessment

## Semester IV

Course Code	Subject	L	T	P	C	Examinations/Assessments				
						Internal Assessments			End Semester Examinations	
						Continu ous Mode	Sessionl Exam	Total	End Semester Exams	Total
MPA401J	Journal Club	1	0	0	1	--	--	25**	--	25
MPA402D	Discussion / Presentation (Proposal Presentation)	0	0	31	16	--	--	75**	--	75
MPA403R	Research Work and Colloquium	3	0	0	3	--	--	--	400	400
	Total	4	0	31	20					500

*\*Continuous Mode \*\*Internal Assessment*

Co-curricular Activities (Attending Conference, Scientific Presentations and Other Scholarly Activities)	Minimum=02 Maximum=07*
Total Credit Points	Minimum=95 Maximum=100*