



BRAINWARE UNIVERSITY
School of Medical & Allied Health Sciences
Department of Pharmaceutical Technology
M. Pharm. (Pharmaceutical Chemistry) 2026

Semester-I

Course Code	Course Name	L-T-P	Credits	Total Marks
MPC101T	Modern Pharmaceutical Analytical Techniques	4-0-0	4	100
MPC102T	Advanced Organic Chemistry - I	4-0-0	4	100
MPC103T	Advanced Medicinal Chemistry	4-0-0	4	100
MPC104T	Chemistry Of Natural Products	4-0-0	4	100
MPC105P	Pharmaceutical Chemistry Practical - I	0-0-12	6	150
MPC106S	Seminar/ Assignment	0-0-7	4	100
TOTAL		35	26	650

Semester-II

Course Code	Course Name	L -T-P	Credits	Total Marks
MPC201T	Advanced Spectral Analysis	4-0-0	4	100
MPC202T	Advanced Organic Chemistry - II	4-0-0	4	100
MPC203T	Computer Aided Drug Design	4-0-0	4	100
MPC204T	Pharmaceutical Process Chemistry	4-0-0	4	100
MPC205P	Pharmaceutical Chemistry Practical – II	0-0-12	6	150
MPC206S	Seminar/Assignment	0-0-7	4	100
TOTAL		35	26	650

Semester-III

Course Code	Course Name	L -T-P	Credits	Total Marks
MPC301T	Research Methodology and Biostatistics	4-0-0	4	100
MPC302J	Journal Club	1-0-0	1	25
MPC303D	Discussion / Presentation (Proposal Presentation)	2-0-0	2	50
MPC304R	Research Work	0-0-28	14	350
TOTAL		35	21	525

Semester-IV

Course Code	Course Name	L -T-P	Credits	Total Marks
MPC401J	Journal Club	1-0-0	1	25
MPC402R	Research Work & Colloquium	0-0-31	16	400
MPC403D	Discussion / Final Presentation	3-0-0	3	75
MPC404C	Co-curricular Activities	0-0-0	2	50
TOTAL		35	20+2*	550



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Semester wise credits distribution

Semester Credit Points	Semester Credit Points
I	26
II	26
III	21
IV	20
Co-curricular Activities (Attending Conference, Scientific Presentations and Other Scholarly Activities)	Minimum=02 Maximum=07*
Total Credit Points	Minimum=95* Maximum=100*

*Credit Points for Co-curricular Activities

Guidelines for Awarding Credit Points for Co-Curricular Activities

Name of the Activity	Maximum Credit Points Eligible / Activity	Marks
Participation in National Level Seminar/Conference/Workshop/Symposium/ Training Programs (related to the specialization of the student)	01	25
Participation in international Level Seminar/Conference/Workshop/Symposium/ Training Programs (related to the specialization of the student)	02	50
Academic Award/Research Award from State Level/National Agencies	01	25
Academic Award/Research Award from International Agencies	02	50
Research / Review Publication in National Journals (Indexed in Scopus / Web of Science)	01	25
Research / Review Publication in International Journals (Indexed in Scopus / Web of Science)	02	50

Note: International Conference: Held Outside India