

MANAV RACHNA UNIVERSITY
Department of Mathematics
Mapping of Course Outcomes with Program Outcomes (2019)
Program: M.Sc. Mathematics

Subject Code	Subject Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
SEMESTER -I												
MAH501B	ABSTRACT ALGEBRA	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	X
MAH502B	TOPOLOGY-I	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	X
MAH503B	DIFFERENTIAL EQUATIONS	✓	✓	✓	✓	✓	X	✓	X	✓	✓	X
MAH504B	MEASURE THEORY	✓	✓	✓	✓	X	✓	X	✓	✓	✓	✓
MAW505B	EXCEL WORKSHOP	X	X	X	✓	✓	X	✓	✓	✓	X	X
MAH506B	MATHEMATICS LAB - I	X	X	X	X	✓	X	X	X	X	✓	X
CSH511B	PYTHON PROGRAMMING	X	✓	✓	✓	✓	X	✓	X	✓	✓	✓
SEMESTER -II												
MAH507B	FIELD THEORY	✓	X	✓	X	X	X	✓	✓	✓	✓	✓
MAH508B	COMPLEX ANALYSIS	✓	✓	✓	✓	X	X	✓	X	✓	✓	✓
MAH509B	FUNCTIONAL ANALYSIS	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	X
MAH510B	DIFFERENTIAL GEOMETRY	✓	✓	✓	✓	X	X	X	✓	✓	✓	X
MAH511B	MATHEMATICS LAB - II	X	X	X	X	✓	X	X	X	X	✓	X
CSW512B	PYTHON FOR DATA ANALYSIS	X	✓	✓	✓	✓	X	✓	X	✓	✓	✓
MAH512B	SCIENTIFIC RESEARCH - I	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MAO513B	SUMMER INTERNSHIP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SEMESTER-III												
MAH601B	INTEGRAL EQUATIONS & CALCULUS OF VARIATION	✓	✓	✓	✓	X	✓	X	✓	✓	✓	✓
MAH602B	FLUID DYNAMICS	✓	✓	✓	✓	X	X	✓	✓	✓	✓	✓
MAH603B	FUZZY SETS & FUZZY LOGIC	✓	✓	✓	✓	✓	X	✓	X	✓	✓	✓
MAH604B	OPERATIONS RESEARCH	✓	✓	✓	✓	✓	✓	✓	X	✓	✓	✓
MAH605B	GRAPH THEORY	✓	✓	✓	✓	✓	X	✓	X	✓	✓	✓
MAH606B	DESIGN OF EXPERIMENTS	✓	✓	✓	✓	✓	✓	✓	X	✓	✓	✓
MAH607B	FOURIER ANALYSIS	✓	✓	✓	✓	X	X	✓	✓	✓	✓	✓
MAH608B	DIFFERENTIABLE MANIFOLDS	✓	✓	✓	✓	X	X	X	✓	✓	✓	X

MAH609B	WAVELETS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MAH610B	TOPOLOGY - II	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	X
MAN611B	SCIENTIFIC RESEARCH - II	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EDS234	PEDAGOGICAL SKILLS	✓	X	X	X	X	X	✓	X	X	✓	✓
SEMESTER-IV												
MAH612B	COMPUTATIONAL FLUID DYNAMICS	✓	✓	✓	✓	✓	X	✓	✓	✓	✓	✓
MAH613B	GENERALIZED FUZZY SET THEORY	✓	✓	✓	✓	✓	X	✓	X	✓	✓	X
MAH614B	ADVANCED OPERATIONS RESEARCH	✓	✓	✓	✓	✓	✓	✓	X	✓	✓	✓
MAH615B	CODING THEORY	✓	✓	✓	✓	✓	X	✓	X	✓	✓	✓
MAH616B	STOCHASTIC PROCESSES	✓	✓	✓	✓	✓	✓	✓	X	✓	✓	✓
MAH617B	HARMONIC ANALYSIS	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
MAH618B	LIGHTLIKE MANIFOLDS	✓	✓	✓	✓	X	X	X	✓	✓	✓	X
MAH619B	WAVELETS & IT'S APPLICATIONS	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MAH620B	ALGEBRAIC TOPOLGY	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓
MAH621B	DYNAMICS OF RIGID BODY	✓	✓	✓	✓	X	X	✓	✓	✓	✓	✓
MAN622B	PROJECT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
		33	33	34	34	21	18	31	23	35	37	26