

MANAV RACHNA UNIVERSITY
 Department Of Chemistry
 Mapping of Course Outcomes with Program Outcomes
 Program: B.Sc Chemistry

SEMESTER-I												
Subject Code	Subject name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CHE-101	Green Chemistry (CHEM)	✓	✓	✓	✓	X	✓	X	X	✓	✓	✓
MAH 110-B	Fundamentals of Mathematics	X	✓	✓	✓	X	X	✓	✓	X	✓	X
MAH 105-B	Statistics-I	X	X	X	✓	X	X	X	✓	X	✓	X
PHH 106B	Essentials of Physics	X	X	✓	✓	X	X	✓	✓	✓	✓	✓
HLS 102	Communicative English	X	X	X	X	X	X	✓	✓	X	X	✓
CSH105 B	Programming for Problem Solving Using C	X	X	X	X	X	X	✓	✓	X	X	✓
SEMESTER-II												
CHE 102B	Physical Chemistry I	✓	X	✓	✓	✓	X	✓	✓	X	✓	X
CHE 103B	Inorganic Chemistry I	✓	X	X	✓	X	✓	✓	X	✓	✓	✓
CHE 104B	Organic Chemistry I	✓	X	✓	X	✓	X	X	X	X	X	✓
CHE 137	Environmental Science	X	✓	X	✓	X	X	X	✓	X	✓	✓
SEMESTER-III												
CHE-202 B	Inorganic Chemistry-II	✓	✓	X	✓	✓	X	✓	X	✓	X	✓
CHE-201 B	Physical Chemistry-II	✓	✓	✓	✓	✓	X	✓	✓	X	✓	✓
CHE-203 B	Organic Chemistry-II	✓	X	✓	X	✓	X	X	X	X	X	✓
CHN 204B	Mini Project-I	✓	✓	✓	✓	X	X	X	X	✓	✓	X
FLS103	Foreign Language: German/ Spanish/ French	X	X	X	X	X	X	X	X	X	✓	X
SEMESTER-IV												
CHE 205 B	Physical Chemistry III	✓	✓	✓	✓	✓	✓	✓	X	✓	✓	✓
CHE 206 B	Inorganic Chemistry III	✓	✓	✓	✓	✓	✓	✓	X	✓	✓	✓
CHE 207 B	Organic Chemistry III	✓	✓	✓	X	✓	X	X	X	X	✓	✓
CHE 208 B	Polymer Chemistry (Elective)	X	X	X	✓	X	X	X	X	X	✓	✓
CHN 210B	Mini Project II (Elective)	✓	X	X	X	X	✓	✓	✓	✓	✓	X
SEMESTER-V												
CHE-301 B	Physical Chemistry-IV	✓	✓	✓	✓	✓	X	✓	✓	X	✓	✓
CHE-302 B	Biomolecules and Natural Products	✓	X	X	✓	✓	✓	✓	✓	X	✓	✓
CHE-303 B	Analytical Chemistry and Spectroscopy	X	X	✓	✓	✓	X	✓	✓	X	✓	✓
CHE-307 B	Minor Project	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SEMESTER-VI												
CHE 308B (Elective)	Food Chemistry	✓	✓	X	X	X	X	✓	✓	✓	X	X
CHE-309B (Elective)	Instrument Method of Chemical Analysis	X	X	✓	✓	✓	X	✓	✓	✓	✓	✓
CHE-310 B (Elective)	Chemicals & Environment	✓	✓	✓	X	✓	X	X	X	X	✓	✓
CHE-311 B (Elective)	Clinical & Pharmaceutical Chemistry	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X
CHN 312B	Major Project	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X
		19	15	18	20	16	9	19	17	13	22	20