

MASTER OF SCIENCE - CHEMISTRY**(As Per NEP-2020)****SEM - I****Major Subjects (Mandatory)**

- 1) Paper - I (Inorganic Chemistry)
- 2) Paper - II (Organic Chemistry)
- 3) Paper - III (Physical Chemistry)

Major Elective (Any One)

- 1) Paper - IV (Analytical Chemistry) [OR]
- 2) Paper - IV (Ind. Chem. & Env.) [OR]
- 3) Paper - IV (Green Chemistry) [OR]
- 4) Paper - IV (Hetcyc. & Nat. Prod.) [OR]
- 5) Paper - IV (Pharm. & Cosm. Chemistry)

Practical

- 1) Based on Core Paper

Compulsory Paper (RM)

- 1) Paper - V (Research Methodology)

Seminar - I**SEM - II****Major Subjects (Mandatory)**

- 1) Paper - I (Inorganic Chemistry)
- 2) Paper - II (Organic Chemistry)
- 3) Paper - III (Physical Chemistry)

Major Elective (Any One)

- 1) Paper - IV (Analytical Chemistry) [OR]
- 2) Paper - IV (Inorg. Mat. of Ind. Imp.) [OR]
- 3) Paper - IV (Polymer Chemistry) [OR]
- 4) Paper - IV (Mol. Spectroscopy) [OR]
- 5) Paper - IV (Front. In Electrochemistry)

Practical

- 1) Based on Core Paper

Compulsory Paper (RM)

- 1) Paper V (OJT-On Job Training / FP- Filed Project)

Seminar - II**MASTER OF SCIENCE - CHEMISTRY****SEM - III****Major Subjects (Mandatory)**

- 1) Paper I (Special - I Org./Inor./Phy./Anl. Chemistry)
- 2) Paper II (Special - I Org./Inor./Phy./Anl. Chemistry)
- 3) Paper III (Spectroscopy - I)

Major Elective (Any One)

- 1) Paper IV (Polymer Chemistry - I) [OR]
- 2) Paper IV (Medicinal Chemistry - I) [OR]
- 3) Paper IV (Nuclear Chemistry - I) [OR]
- 4) Paper IV (Appl. Analytical - I)

Practical

- 1) Based on Core Paper

Compulsory Paper (RM)

- 1) Paper V (Research Project - I)

Seminar III**SEM - IV****Major Subjects (Mandatory)**

- 1) Paper I (Special - I Org./Inor./Phy./Anl. Chemistry)
- 2) Paper II (Special - I Org./Inor./Phy./Anl. Chemistry)
- 3) Paper III (Spectroscopy - II)

Major Elective (Any One)

- 1) Paper IV (Polymer Chemistry-II) [OR]
- 2) Paper IV (Medicinal Chemistry-II) [OR]
- 3) Paper IV (Nuclear Chemistry - II) [OR]
- 4) Paper IV (Appl. Analytical - II)

Practical

- 1) Based on Core Paper

Compulsory Paper (RM)

- 1) Paper V (Research Project - II)

Seminar IV

टिप :- सत्र २०२४-२५ ला NEP 2020 नुसार प्रवेश प्रक्रिया होणार असल्यामुळे अभ्यासक्रमातील विषय बदलची माहिती प्रवेश घेतांना प्रवेश समितीकडून आपणास कळविण्यात येईल.