

Programme: Master of Science Chemistry (MSCCH20)

Year / Semester: IInd semester

Paper Code: MCH 507

Paper Name: Organic Chemistry- II

Syllabus

Block-3: Aromaticity, benzenoid non-benzenoid aromatic compounds and heterocyclic compounds

Unit-11: Concept of aromaticity

Unit -12: Nonbenzenoid aromatic compounds synthesis and reactions of 3,5,7- membered carbocyclic systems:

Unit -13: Azulenes and polycyclic aromatic compounds

Unit -14: Heterocyclic compounds

Unit -15: Fused hetero bicyclic and tricyclic systems: carbazole, quinoline isoquinoline and acridine

Block-4: Natural products

Unit -16: Natural products terpenes and terpenoids

Unit -17: Alkaloids

Unit -18: Carbohydrates monosaccharides

Unit -19: Carbohydrates disaccharides

