

Programme: Master of Science Chemistry (MSCCH20)

Year / Semester: IIIrd semester

Paper Code: MCH 603

Paper Name: Natural Product/ Enzyme & Biogenesis

Syllabus

BLOCK I : NATURAL PRODUCTS – II

Unit – 1: Alkaloids Unit

– 3: Prostaglandins Unit –

4: Vitamins

Unit – 5: Rotenoids and porphyrins

BLOCK II : ENZYMES AND BIOGENESIS

Unit – 6: Enzymes and their reactivity

Unit – 7: Biochemical path ways – I

Unit – 8: Metabolism of fatty acids and proteins

Unit – 9: Biosynthetic methods, general methods and feeding experiments

Unit –10: Biosynthesis aromatic hydro carbons by acetate/malonate and Shikimic acid pathway