



MODULE 1: INTRODUCTION TO CHEMICAL REAGENTS**(15 HOURS)**

Introduction to Chemical Reagents. Synthesis, structure, properties of Gilman reagents, N, N- Dicyclohexylcarbodiimide (DCC), Dichlorodicyanoquinone (DDQ), Pyridinium chlorochromate (PCC), Ceric ammonium nitrate (CAN), Diisobutylaluminium hydride (DIBAL).

MODULE 2: ORGANIC TRANSFORMATIONS**(15 HOURS)**

Oxidizing Agents in Organic Transformations-Part-I, Oxidizing Agents in Organic Transformations-Part-II, Reducing Agents in Organic Transformations-Part-I, Reducing Agents in Organic Transformations-Part-II, Organic transformation using transition metals and Organic transformation using Non-transition metals.

Mode of Evaluation: Test - 02 & Assignment - 02 (Each Module)