

SYLLABUS :-

Scope of CPT in process industries, introduction of CPT with reference to Indian resources, industries, trade and export potentials, small scale industries and rural development etc.; preparation of process flow diagrams and process and instrumentation diagrams and major process symbols. Introduction to the following industries including the special features of design and operation : Fuel and industrial gases including natural gas; petrochemical and downstream industries (in brief); polymer industries; fertilizer industries; caustic-chlorine industries, coal based chemical industries, petroleum refining processes (in brief) and allied industries including additives etc.; nitrogen and nitrogen derivatives industry; sulphur and sulphur derivatives industry, phosphorus and its derivatives industry; soap and detergent industry, pulp and paper industry, alcohols and allied chemicals industry; other important basic and specialty chemicals industry; process software