**HVAC SYSTEMS : SPECIFICATIONS & DESIGN**

COURSE OUTLINES :-

1- NATIONAL & INTERNATIONAL REFERENCES -CODES & STANDARDS

2- DESIGN CONDITIONS & DESIGN CONSIDERATIONS

3- PSYCHOMETRIC CHART

4- REFRIGERATION CYCLE

5- TYPES ,SPECIFICATIONS & RANGE OF CAPACITIES OF ALL REFRIGERATION CYCLE COMPONENTS

6-  AIR-CONDITIONING SYSTEMS

7- VENTILATION SYSTEMS AND REQUIERMENTS

8- THERMAL INSULATION REQUIREMENTS & CALCULATIONS

9- HEATING LOAD CALCULATIONS

10- COOLING LOAD CALCULATIONS

11- SYSTEM SELECTION .

WHO SHOULD ATTEND THIS COURSE :-

-Mechanical/Electrical engineers and technicians who are working in HVAC systems as Designers , supervisors, contractors and suppliers.