

# **Workshop on**

## **An Introduction to MEP/NDT/QC/HVAC**

The training is designed for students who want to learn basic view in specialized areas in Mechanical Engineering such as Mechanical, Electrical Plumbing, Non-Destructive Testing, Oil & Gas field, Quality Control and Heating Ventilation & Air Conditioning.

### **Objectives**

- To give the student a brief exposure of practical engineering areas.
- To help the student to choose the desired field.
- To transform the student to work in a particular professional engineering stream.
- Introduction to Heating Ventilation and Air conditioning
- Fundamentals of HVAC/Load Calculation
- Standards and codes used in HVAC
- Introduction to Cooling & Heating Load Calculation:
- Introduction to plumbing and firefighting system
- Introduction to certified quality controller and related fields
- Basics of NDT testing methods

Course Time table

Venue- ME CAD LAB

Duration: 3 days

Registration Fee: 300/-

Date	9.15 am to 10.45am	Tea break	11.00am to 12.10pm	Lunch Break	1.10pm to 2.30pm	Tea break	2.45pm to 3.45pm
15/7/19	Introduction to MEP		Fundamentals of HVAC/Load Calculation		Types of AC systems		Introduction to plumbing and fire fighting system
16/7/19	Introduction to certified quality controller and related fields		Basics of NDT testing methods (UT.PT,RT)		Basics of NDT testing methods (MT)		Exam CODES and Standards
17/7/19	9.15am to 10.15am		10.30am to 3.00pm				3.15pm to 3.30pm
	Exam	Lab visit			Valedictory Function		

Course Coordinators: Mr. Leo A.J &Mr. Sandeep K

HoD ME