

MECCI ENGINEERS

**Institute of Engineering Design & Research**

**(An ISO 9001:2015 DAC International Certification for EPC Consulting,  
Engineering Project & Training Company)**



**MEP Engineering Course Content  
For Regular & Weekend Batch**

**CERTIFICATION & PG DIPLOMA COURSES FOR **Oil & Gas /  
Chemicals/ Energy &  
Power Industries.****

**COURSE OUTLINE**

**The training program deals with fundamentals, designing, drafting, erection, estimation, maintenance & detail engineering of Central HVAC systems including Central Air Systems & Chilled Water Systems. The dedicated training sessions covers detailed applications & usage of codes & standards ASHRAE, ISHRAE, SMACNA, ASME, ARI, DW 142 and more.**

Info@mecciengineer.com www.mecciengineer.com An Engineering Procurement & Construction Based Training Company

**MECCI Engineers Institute of Design & Research is the destination for professionals for their skill enhancement. At MECCI Engineers you get high quality MEP Training.**

**What trainees get during MEP Training?**

- 1. HVAC Design & Drafting as per ASHRAE, Career, SMACNA (united state of America) and DW 142/144**
  - HVAC Design & Drafting fundamentals as per international codes & standards**
  - Cooling load & heat loss calculations**
  - Central heating system design**
  - Air distribution system design**
  - Chilled water system design**
  - Commercial ventilation system design**
  - Clean Rooms/ Cold Stores**
  - Equipment Selection**
  - Erection of Equipments.**

- **Maintenance**
- **Estimation of Projects.**
- 2. **Electrical Design & Drafting as per IEC, BS, IEEE, NEC and NFPA-**
  - **Design, Drafting & Installation of Electrical Power Supply & Distribution**
  - **Residential Commercial Interior and external Lighting**
  - **Modern Closed Circuit Television System Design**
  - **Security System Design**
  - **Fire Alarm System Design**
  - **Conduit System Design**
  - **Low Current Systems**
  - **Sound Systems**
  - **Codes & Standards & Safety**
- 3. **Institute of building services engineering IBSE - Plumbing and Fire Fighting design and drafting as**

**per BS, ASTM, and NFPA-**

**Design, Drafting and installation of plumbing and fire fighting system, cold and hot water supply system, drainage system, storm water system, water supply and drainage pipe sizing design and calculations, pumps sizing and calculations, Designing and installation of water hammer arresters, sizing of hot and cold water storage tanks, pipe sizing for sprinklers system, dry and wet riser systems. Selection and installation of types of extinguishers as per defined areas, head and flow calculations and selection for fire pumps, and plumbing codes and standards.**

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