Vision For Technical Skill Improvement Courses

To produce world class Engineers for converting global challenges into opportunities through “Advanced Industrial Technical Education”.

Mission For Technical Skill Improvement Courses

To deliver the highest quality engineering professionals, cutting-edge research and innovative technology.

To impart Technical Education through effective Teaching learning process.

Introduction For Mechanical Equipments & Industrial Layout Course

This course covers in depth knowledge of Mechanical Equipments like Gears, Boiler, Power Train, Compressor etc. It covers also operation methods for mechanical equipments as per industry. This course also covers Cost optimization, Resource Optimization, Man power calculations as per Industry standard. Industrial visit is included for practical knowledge.

Eligibility

This course is designed for fresher & experience engineers from Mechanical background and want to work as Mechanical Engineer, Operation Engineers, Mechanical Project Engineer, Consulting Engineer etc.

Eligibility for course

- B.Tech/BE in Mechanical Engineering
- Diploma in Mechanical Engineering
- Master in Mechanical Engineering
- ITI grades (Experience persons)

Course Outline

Course Outline of Mechanical Equipments & Industrial Layout
Part -A

- Different types of Mechanical equipments used in industry.
- Different types of Gears, Operational methods of Gears as per industry.
- Different types of Gearbox, Operational methods of Gearbox as per industry.
- Different types of Powertrain, Operational methods of Powertrain as per industry.
- Different types of Boilers, Operational methods of Boilers as per industry.
- Different types of Compressors, Operational methods of Compressors as per industry.

Part –B

- Layout design in operation field as per industry.
- Cost optimization in operation field as per industry.
- Resource optimization in operation field as per industry.
- Capacity calculation in operation field as per industry.
- Manpower calculation in operation field as per industry.
- Production line design in operation field as per industry.
- Standard work process methods in operation field as per industry.

Career Opportunities:

The field of Mechanical Equipments Operational Engineering includes the widest range of opportunities of any field of Mechanical, Operational Department.

Post the completion of the course

- We will assist you in resume preparation
- Industrial visit as per requirement
- Assist you in improving interview skills
- Provide counselling in other related areas
- Provide update on Job openings
- 100% Job Assistance.
ACS Consultancy will continue to support you post closure of the course, in case you require any support/guidance on any topic or live projects that you may choose to do for your organization.