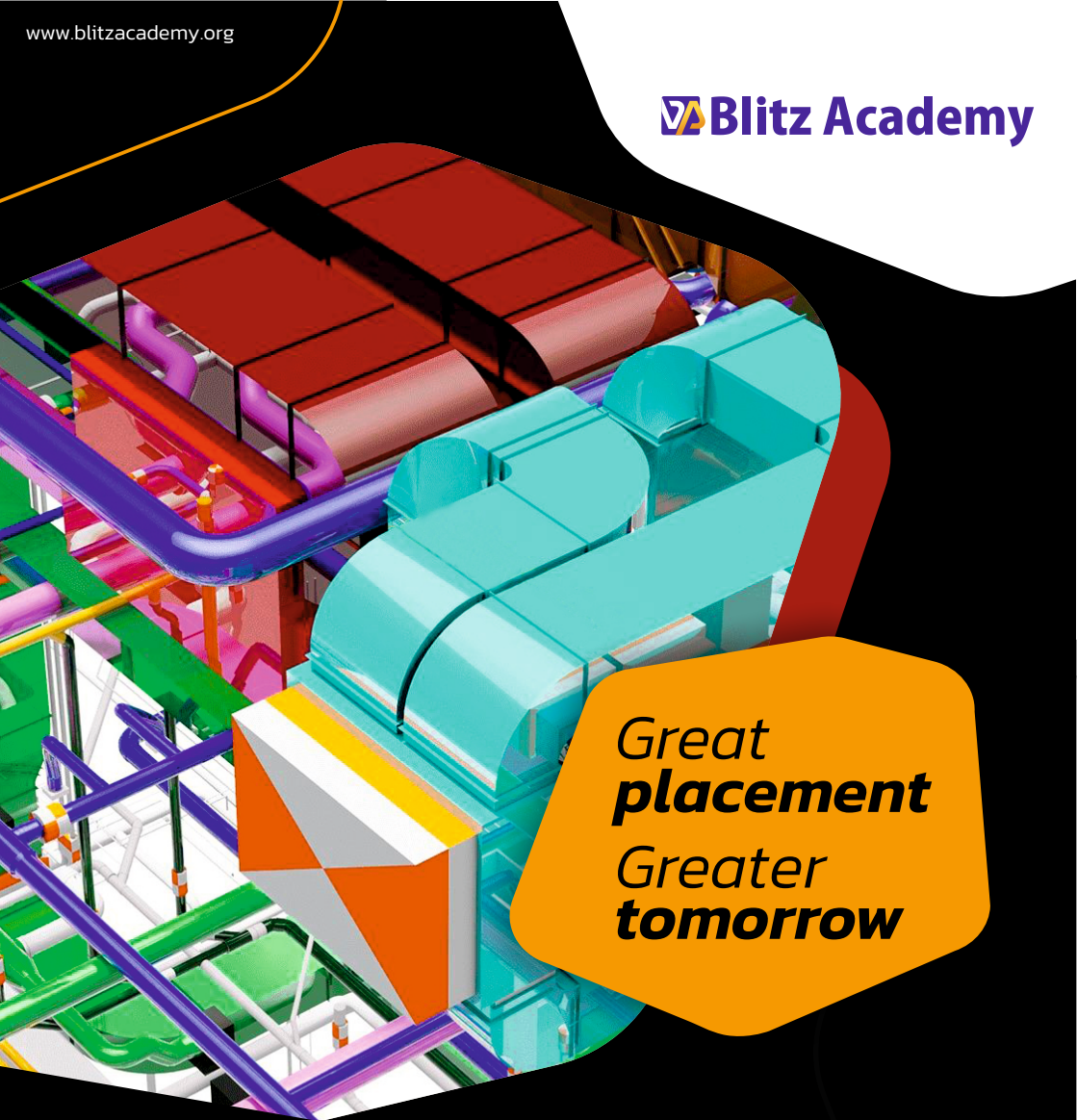




*Great
placement
Greater
tomorrow*

MEP **BIM**

**MECHANICAL, ELECTRICAL &
PLUMBING ENGINEERING**



Introduction

MEP engineering is the science and art of planning, designing and managing the MEP systems of a building. MEP systems are a building's central nervous system. The course gives a knowledge in Construction administration, Site execution, Cost estimation, documentation, building management, and building maintenance. MEP Engineer is a single level professional classification responsible for planning and designing the areas of mechanical, electrical and plumbing (MEP) systems. Which include developing policies, standards, inspection procedures and evaluation of various projects. The mechanical discipline focuses on heating, cooling and ventilation (HVAC), Fire Fighting System and Electrical system focuses on providing light & power to all outlets, appliances & Electrical Low Voltage systems. The plumbing system focuses on water supply & drainage system



Who can choose this program ?

- MECHANICAL ENGINEERS
- ELECTRICAL ENGINEERS
- DIPLOMA IN MECHANICAL
- DIPLOMA IN ELECTRICAL
- ITI





JOB ROLES FOR MEP

DESIGNING

- Draftsmen
- Design Engineer
- Lead Design Engineer
- Project Manger
- Consultant
- BIM Modeler
- BIM Coordinator
- BIM Engineer
- BIM Manager

PROJECT

- Supervisor
- Site Engineer
- Project Engineer
- Project Manager
- Project Director
- Estimation Engineer
- Planning Engineer
- Procurement Engineer
- Sales Engineer

MAINTENANCE

- Maintenance Engineer
- Maintenance Supervisor
- Facilities Manger

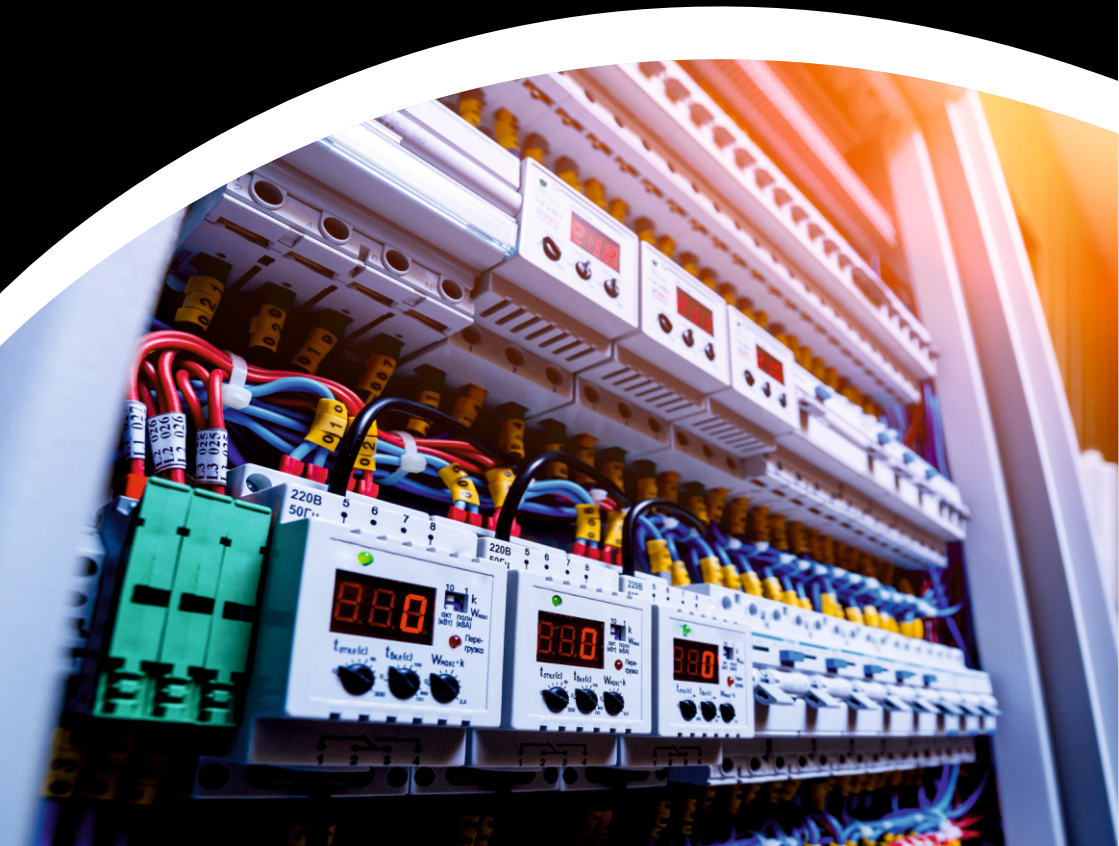


HVAC ENGINEERING

HVAC engineering focuses on the design, installation, and maintenance of heating, ventilation, and air conditioning systems in buildings. It aims to create comfortable indoor environments with proper temperature, humidity, and air quality. HVAC engineers consider energy efficiency, sustainability, and compliance with regulations while designing these systems. They also handle system controls, maintenance, and troubleshooting to ensure optimal performance.

MEP ELECTRICAL ENGINEERING

Electrical Engineering is a specialized field that focuses on the design, installation, and maintenance of electrical systems within buildings and other structures. MEP Electrical Engineer is responsible to ensure that a building has a safe, reliable, and efficient electrical infrastructure, designing electrical power distribution systems, lighting systems, communication systems, and fire alarm systems, considering factors such as load calculations, voltage requirements, circuit protection, energy efficiency, and compliance with electrical codes and standards.



PLUMBING ENGINEERING

Plumbing engineering is a specialized field within MEP engineering that focuses on the design, installation, and maintenance of plumbing systems in buildings. Plumbing engineers are responsible for designing water supply systems, drainage systems, and plumbing fixtures within a building, considering factors such as water demand, pipe sizing, fixture selection, water conservation, and compliance with plumbing codes and standards





FIRE FIGHTING ENGINEERING

MEP Fire Fighting Engineering focuses on the design, installation, and maintenance of fire protection systems within buildings. Fire Fighting Engineers design and implement fire sprinkler systems, fire alarms, fire suppression systems, and smoke control systems. They ensure compliance with fire codes and collaborate with architects and other MEP disciplines. Their role includes integrating fire protection systems into the building design, conducting maintenance and testing, and staying updated with fire safety standards and technologies. Overall, MEP Fire Fighting Engineering plays a vital role in safeguarding buildings and occupants from fire hazards.

WHY CHOOSE US?

Expert Faculty: Blitz Academy has a team of experienced and knowledgeable faculty members who are experts in the field of MEP Engineering. we provide comprehensive and practical training to students, ensuring they receive quality education.

Industry-Relevant Curriculum: The academy offers a curriculum that is designed to meet the demands of the industry. It covers essential topics and skills required for MEP Engineering, including design principles, system calculations, equipment selection, and project management.

Hands-on Training: Blitz Academy emphasizes hands-on training to provide students with practical exposure to real-world scenarios. Through workshops, simulation exercises, and industry projects, students gain valuable experience in designing and implementing MEP systems.

State-of-the-Art Facilities: we are equipped with modern facilities and resources to support effective learning. Students have access to the latest software, tools, and equipment used in the MEP industry, enabling them to gain proficiency in using industry-standard tools.

Placement Assistance: we provides placement assistance to its students, helping them secure job opportunities in reputed organizations. we offer guidance in resume building, interview preparation, and connecting students with potential employers.

Flexible Learning Options: Blitz Academy offers flexible learning options to accommodate the needs of students. They provide both classroom-based and online training programs, allowing students to choose the mode of learning that suits their schedule and preferences.

Continuous Support: The academy is committed to providing ongoing support to its students. Faculty members are available to address doubts, clarify concepts, and provide guidance throughout the learning journey. Alumni networks and career counseling services are also offered to assist students in their professional growth.

Reputation and Track Record: Blitz Academy has a strong reputation in the field of MEP Engineering education. It has a successful track record of producing skilled professionals who are sought after by employers in the industry.



EMPLOYMENT AREAS FOR MEP

- ARCHITECTURAL FIRMS
- CONSTRUCTION FIRMS
- PUBLIC SECTOR FIRMS
- PRIVATE SECTOR FIRMS
- HEALTHCARE SECTORS
- CONSULTANT FIRMS
- MANUFACTURING INDUSTRY
- TRADING FIRMS
- FACILITY MANAGEMENT FIRMS



Program Duration

- HVAC Engineering (3 months)
- MEP Engineering (4.5 months)
- Advance MEP Engineering + BIM (6 months)

Blitz Academy

- 📍 **KOCHI** - 41/2553-D, 2nd Floor, Metro Palace
Opp.North Railway Station, Ernakulam 602018
- 📍 **BANGALORE** - #9, 2nd Floor, Near Water Tank Bus Stop,
100 feet Ring Road, BTM Layout 2nd Stage, Bengaluru 560076
- ☎ **+91 9061 106 007, 9061 903 007**
- ✉ **info@blitzacademy.org** 🌐 **www.blitzacademy.org**