

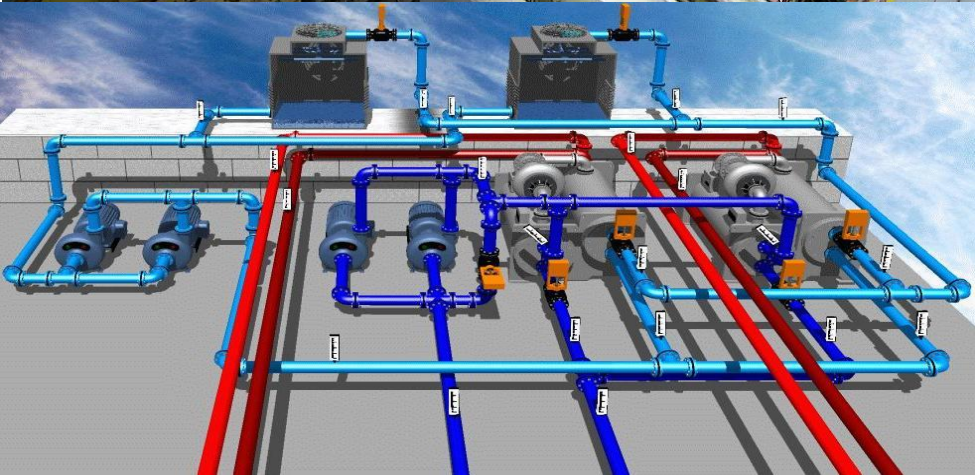


Approved Training Partner
N.S.D.C.
National Skill Development Corporation

Transforming the skill landscape

2019

Academic Prospectus



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MEP Centre

In a global economic scenario that is constantly evolving, individuals need to continuously reinvent themselves and acquire the requisite competencies to stay ahead. By imparting knowledge that has a blend of global best practices and relevance to emerging economies, the MEP Centre is committed to grooming future MEP leaders.

MEP Centre has consistently featured in the National Top 5 Training Institutes, in the annual MEP Curriculum rankings. This ranking is based, among other factors, on how MEP Centre students have fared in the Industrial world after certification. For MEP Centre, the Education has been growing with each batch. The MEP Centre has associations to ensure that students gain industrial exposure and have the opportunity to interact with industry leaders, entrepreneurs, and faculty from some of the world's leading business and MEP Industries. This makes the MEP Centre one-of-its kind in India.

The industrial-academic linkage ensures that the programme is relevant, international in perspective and delivered according to industrial standards. In the last few years, several dignitaries have visited and recognised the MEP Centre as a centre for course curriculum. The MEP Centre guarantees minimum career interruptions and tremendous saving of opportunity costs through the Academic Programme. In a short span of Programme, students get a thorough understanding of the Industrial Needs and are equipped to take on challenging roles in some of the best companies in the world. Moreover, students become a part of a growing network of over 10,000 alumni who have started making a mark in their chosen careers.



Founded by eminent, efficient and academic leader from the world of MEP, the MEP Centre has lived up to its vision of becoming a global leader in MEP training and service Segments.



Advantage

The MEP Centre is strategically located to create synergies between India, and the global business environment, with a backdrop of MEP thinking and practices from the West and the East. With a unique perspective on the emerging markets, our programmes enable students to capitalise on the opportunities of the global economy.

Learning at the MEP Centre has a pragmatic approach with a clear business focus, valuing individual vision, intellectual discipline, and a sense of teamwork. A high level of corporate input, through discussions and workshops, stimulating business –academic partnerships for teaching and research enable students and faculty to maintain their edge in industry trends.

Best-in-Class Faculty

The faculty at the MEP Centre includes eminent industry intellectuals with research and teaching experience. The distinctive research of our faculty members ensures that our programmes offer content that is contemporary and global in its perspective.

Distinctive Programmes

The MEP Centre has a programmed focus on managing business in fast-evolving environments, with a strong emphasis on entrepreneurship, the impact of technology on MEP, and managing the emerging markets of India. We offer a unique Academic Programme, a Executive Programme in MEP for Senior Executives, Corporate Training Programme for Industries, short-duration Executive workshops for middle and senior management, and a Resource Fellowship Programme.

The MEP Centre works closely with its associate Institutes and academic area leaders to create contemporary programmes that blend core concepts into the MEP context. The corporate-academia programme has shaped the MEP Centre in three ways: it has ensured that the content for our programmes is relevant and well-timed, that it is international in its perspectives, and is delivered at world-class standards.



Transforming the skill landscape

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Academic Programme

The Academic Programme in MEP and Piping at the MEP Centre are designed to find the leader in you and help develop a strong base for your Technical skills. These critical tools will help you face any challenge in your career.

- ❖ The Academic Programme provides the latest practices and trends in MEP & Piping education with the flexibility to explore different areas of interest.
- ❖ Teaching methods include Industrial expertise, exposure, simulations, group projects, and independent work. Special emphasis is given to team-based learning, to help students become more effective team players and leaders.
- ❖ Students are placed in pre-defined groups and all efforts are taken to have students from diverse backgrounds in a group.
- ❖ A significant part of the MEP training experience includes interactions with achievers from various walks of life, who are invited to participate in seminars, conferences and workshops. Students acquire practical perspectives through interactions with experts from various fields, who share their challenges and draw upon experiences from their organisations, industries, and markets.

At MEP Centre, you can look forward to busy yourself with Executive Programmes, industrial collaborative programs such as the Coffee with experts, real time learning through the MEP Resource Centre, Corporate-academia programme and the other initiatives.



Students acquire practical perspectives through interactions with experts from various fields, who share their challenges and draw upon experiences from their organisations, industries, and markets.



Course Curriculum

The core courses taught in the Academic Programme cover the basics and fundamentals of MEP and piping Industries. Students have a full-time course load of four to five courses, in each of the four core terms. These courses are taught by a combination of expert faculty and those visiting from industrial segments. The following core courses are being offered in every academic year:

Courses Available:

- ❖ HVAC Design & Drafting
- ❖ HVAC Execution
- ❖ HVAC Maintenance
- ❖ Electrical Design & Drafting
- ❖ Plumbing Design
- ❖ Revit MEP
- ❖ AC Technician
- ❖ Electrician
- ❖ Plumber
- ❖ Auto CAD
- ❖ Digital Marketing
- ❖ Process Piping



Online Courses

MEP Centre also offers Online courses in HVAC Design, Electrical Design and Process Piping Design course designed to find the leader in you and help develop a strong base for your Technical skills.

Electrical Design & Drafting

Fundamentals of Electrical Eng.

- Types of electricity & Sources of electricity
- Generation, Transmission & distribution of electricity
- Ohms law
- Symbols Definitions, Terms & terminologies
- Important formulas

Codes & Standards to be followed

- Indian electricity rules.
- National electrical code of India(NEC)
- National building code of India (NBC)
- Applicable standards issued by Bureau of Indian standards (BIS)
- Institute of Electrical & Electronics Engineers (IEEE)
- Regulations of local fire authorities
- Requirements stipulated by Pollution control Board for Noise, Air & Water Pollution

Electrical Equipment Selection & Sizing used in installation

- Control devices, Measuring devices
- Circuit protection devices
- Transformers, Diesel generators
- Capacitors, Bus ducts, Bus bars, Cables (HT/LT) & wires, Motors & Pumps
- Luminaries –General & Emergency
- Isolators & socket outlets
- UPS/Inverter & Battery banks
- Earthing or Grounding, Lightning arrestor

Means of electrical distribution for installation

- Panels (HT/LT)/Switch Board/Motor control centers (MCC's)/Final Distribution boards (DB's)
- Cable trays, trunking or raceways, conduits & underground Pipes (Concrete/PVC)

Major electrical loads used in the installation

- Lighting load – Internal & external
- Utility power load HVAC loads like Chillers, AHU's, FCU's, Pumps, Fans etc. PHE & FF loads like Water transfer pumps, Booster pumps, Fire Fighting pumps, Jockey pumps etc.
- Lifts(Elevator) load



Electrical Course

MEP Centre equips students to become a professional in Electrical – Building Services Industry. We train in such a way that the industry will invite you and offer jobs. The Course curriculum is designed to provide knowledge and expertise in the Design, Analysis, Installation, and Maintenance & Testing of Building Electrical Systems per NEC & NFPA Guidelines



- Computer & data centre(Server)loads for office building

Electrical design calculations

- Load & maximum demand calculation, Transformer sizing calculation
- DG sizing calculation, Short circuit calculation
- Voltage drop calculation Capacitor sizing calculation
- Cable sizing calculation
- Earthing Design & Lay out, Lighting calculation, UPS/Inverter sizing calculation, Battery sizing calculation
- Cables Selection, Sizing and Cable Routing

Various design stages & Sequence of electrical design procedure

- Understanding the building plans, elevations & sections.
- Gathering specific data from the utilities (Electricity board)
- Understanding clients specific requirements
- Assessment of the type of installation like outdoor/indoor substation (Point of supply)
- Preparation of basis of design which should include the cost estimate.

Schematic design stage

- Preparation of Load calculation to arrive maximum peak demand Sizing of all Equipment, cables, cable trays.
- Electrical design calculations Preparation of single line schematic of electrical distribution system with metering options Preparation of equipment layouts like Substation, plant rooms.
- Preparation of lighting, small power, earthing & miscellaneous layouts Preparation of technical specification

Detailed design stage

- Preparation of detail layouts including sectional details wherever required Coordination with other services like HVAC,PHE & FF layouts
- Preparation of bill of quantities(BOQ) Issue for tender
- Construction design stage:(Generally this stage is performed by electrical Contractors Preparation of shop drawings based on the tender drawings issued by Electrical consultants for installation. After installation



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the entire installation shall be tested & commissioned with the respective authorities.

- As built drawings shall be prepared and handed over to client's representative.

Project Work

- Two live projects have to be completed before getting the certificate and Placement Assistance



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Technician Courses:

Field Technician AC Level – 4

Course Duration: 45 Days

Eligibility Criteria: Min. SSC & College dropouts

Age : 18 - 35 Years

Electrician Level – 1

Course Duration: 45 Days

Eligibility Criteria: Min. SSC & College dropouts

Age : 18 - 35 Years

Electrician Level – 3

Course Duration: 45 Days

Eligibility Criteria: SSC with 5 years of Experience

Age : 18 - 35 Years

Plumber Level – 1

Course Duration: 45 Days

Eligibility Criteria: 5th Class with 6 months of Experience

Age : 18 - 35 Years

Plumber Level – 2

Course Duration: 45 Days

Eligibility Criteria: 5th Class with 1 Year of Experience

Age : 18 - 35 Years

Plumber Level – 3

Course Duration: 45 Days

Eligibility Criteria: 5th Class with 3 Years of Experience

Age : 18 - 35 Years

All certificates given by respective skills sector councils which are under

**NSDC
&
Ministry of Skill
Development &
Entrepreneurship**



**If you want to
help any school
and Engineering
college
dropouts, Please
ask him to give a
call to**

**Hyderabad:
9908080813**

**Delhi:
8882130270**

**Mumbai:
9136399359**

**Cochin:
9745554270**

**Guntur:
7093001118**

**Chennai:
9087680813**

**Bangalore:
9606180180**



Authorised Training Partner

NSDC (National Skill Development Corporation)



Transforming the skill landscape

ESSCI (Electronic Sector Skills Council of India)



CSDCI (Construction Skill Development Council of India)



IPSSC (Indian Plumbing Skills Council)



Programme Calendar

At Hyderabad Branch

HVAC Design & Drafting	: 6 th of Every month & 21 st of Every month
Electrical Design & Drafting	: 6 th of Every month & 21 st of Every month
Plumbing Design	: 6 th of Every month & 21 st of Every month
AC Technician	: 1 st of Every month & 16 th of Every month
Electrician	: 1 st of Every month & 16 th of Every month
Plumber	: 1 st of Every month & 16 th of Every month
Auto CAD	: 7 th of Every month & 22 nd of Every month
Digital Marketing	: 1 st of Every month & 16 th of Every month

At Delhi Branch

HVAC Design & Drafting	: 6 th of Every month & 21 st of Every month
HVAC Execution	: 1 st of Every month & 16 th of Every month
Electrical Design & Drafting	: 6 th of Every month & 21 st of Every month
Plumbing Design	: 6 th of Every month & 21 st of Every month
AC Technician	: 1 st of Every month & 16 th of Every month
Electrician	: 1 st of Every month & 16 th of Every month
Auto CAD	: 7 th of Every month & 22 nd of Every month

At Mumbai Branch

HVAC Design & Drafting	: 6 th of Every month & 21 st of Every month
Electrical Design & Drafting	: 6 th of Every month & 21 st of Every month
Plumbing Design	: 6 th of Every month & 21 st of Every month
Auto CAD	: 7 th of Every month & 22 nd of Every month

At Bangalore Branch

HVAC Design & Drafting	: 6 th of Every month & 21 st of Every month
Electrical Design & Drafting	: 6 th of Every month & 21 st of Every month

Plumbing Design : 6th of Every month & 21st of Every month

At Cochin, Kerala Branch

HVAC Design & Drafting : 6th of Every month & 21st of Every month

HVAC Execution : 1st of Every month & 16th of Every month

HVAC Maintenance : 1st of Every month & 16th of Every month

Electrical Design & Drafting : 6th of Every month & 21st of Every month

Plumbing Design : 6th of Every month & 21st of Every month

At Guntur Branch

HVAC Design & Drafting : 6th of Every month & 21st of Every month

Electrical Design & Drafting : 6th of Every month & 21st of Every month

Plumbing Design : 6th of Every month & 21st of Every month

AC Technician : 1st of Every month & 16th of Every month

Electrician : 1st of Every month & 16th of Every month

Plumber : 1st of Every month & 16th of Every month

Auto CAD : 7th of Every month & 22nd of Every month

At Chennai Branch

HVAC Design & Drafting : 6th of Every month & 21st of Every month

HVAC Execution : 1st of Every month & 16th of Every month

Electrical Design & Drafting : 6th of Every month & 21st of Every month

Plumbing Design : 6th of Every month & 21st of Every month

AC Technician : 1st of Every month & 16th of Every month

Electrician : 1st of Every month & 16th of Every month

Plumber : 1st of Every month & 16th of Every month

Auto CAD : 7th of Every month & 22nd of Every month

More Details Please Contact:

Hyderabad : 9908080813 Delhi : 8882130270 Mumbai : 9136399359
Cochin : 9745554270 Guntur : 7093001118 Chennai : 9087680813
Bangalore : 9606180180

www.mepcentre.com or mail to info@meptrainings.com

Branches are opening shortly:

Bhubaneswar and Indore.

Programme Enrolment

The MEP Centre helps you reinvent your career. If you are looking for the catalyst that will help you switch careers or enhance an existing career path, then the MEP Centre is the right place for you. It offers you the Academic Courses, which is unique, comprehensive and, global in its outlook. If you have the drive and vision, the MEP Centre can provide you with the experience, knowledge, and skills you need to take your career to the next level in the space of an academic course.

At the MEP Centre, we take in the best of applicants who can contribute to the diversity of the class and thereby, add to the overall learning experience. We look to recruit students from a variety of backgrounds, nationalities, education and work experiences, to create a vibrant and diverse learning environment.

To be eligible for admission, you must meet the following requirements:

- ❖ 3 Passport size photos
- ❖ Government of India Issued ID Card (Passport or Aadhar Card)
- ❖ Address proof
- ❖ Copies of Educational Certificates

Placement Assistance:

1. Interviews will be provided across India & Aboard
2. Pre-requirement to get placement assistance will be passing exam conducted, completing the project work and submitting project report to faculty.
3. Fresher's CV would be shared with around 200+ clients.
4. Candidates who fail in multiple interviews will be counselled and advised to find areas of improvements.
5. Will share client requirements via facebook also
(www.facebook.com/mepcentre)

Administrative Office:

Dhanush EnggServices India Pvt Ltd,
2nd Floor, H.No:6-3-788/A/9,
Durga Nagar Colony, Ameerpet,
Hyderabad, AP, India.

Training Campus:

Dhanush EnggServices India Pvt Ltd,
2nd Floor, H.No:6-3-788/A/9,
Durga Nagar Colony, Ameerpet,
Hyderabad, AP, India.

Dhanush EnggServices India Pvt Ltd,
2nd Floor, Lenin Building,
Bhagyanagar colony,
Hyderabad, Telangana, India-500072

Dhanush EnggServices India Pvt Ltd,
Safa Arcade, Shop Number-221, 1st Floor, Above Axis
Bank, Opp Pillar No:15, Mehdipatnam, Hyderabad,
Telangana Pin:500028.

Dhanush EnggServices India Pvt Ltd,
D-247, 2nd Floor, Above Jindal cloths,
Behind Metro Gate No.1 Lane
Laxmi Nagar, New Delhi-110092

Dhanush EnggServices India Pvt Ltd,
307, 3rd Floor, Hari Om Plaza,
M.G. Road, Near Omkareshwar Mandir,
Borivali East, Mumbai Pin:400066

Dhanush EnggServices India Pvt Ltd,
123, 3rd Main, 3rd Cross,
80 Feet Road, SBM Colony, Nagendra Block,
Banashankari - Stage I, Bengaluru,
Karnataka Pin:560050

Dhanush EnggServices India Pvt Ltd,
No:65/3997 Veluthamana Building,
Near Seiken East End, Ponoth Road,
Kaloor, Cochin, Kerala Pin:682001

Dhanush EnggServices India Pvt Ltd,
H.No. 12-21-31, Ist Floor,
Old Bank Road,
Above Shankar motors
Kothapeta - 522001,
Guntur.

Dhanush EnggServices India Pvt Ltd,
#11,82nd Street,16th Avenue,Ashok
Nagar,Chennai,Tamilnadu,Pin-600083

For Admissions:

Register at www.mepcentre.com
or mail to info@meptrainings.com



Careers Day

The Career Day is a crucial opportunity not to be missed. Esteemed firms will be attending this event to recruit the best students MEP Centre has to offer.

This will be your chance to make the first leap into your career path.

