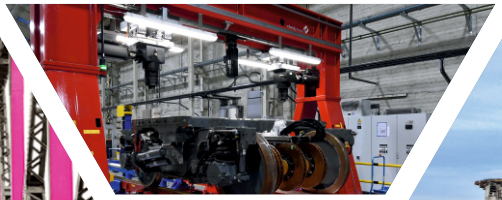

"Learn today with us"
"Lead tomorrow the world"

MNCe Academy

INSTITUTE OF TECHNOLOGY & EDUCATIONAL SOLUTION

AN ISO 9001:2015 CERTIFIED INSTITUTION

+91 90 7272 0085 / +91 90 7272 0086

info@mncegroup.com

Head Office: Tatt Building, First Floor, Dharmalayam Road, Ayurveda College, Trivandrum – 695001, Kerala

OUR PROFILE

MNCe Academy Conduct ASNT NDT Level I & II as per the standards of SNT-TC-1A (latest edition) following methods of (VT, PT, MT, UT, RT & RTFI), QA/QC Documentation, Welding Technology & Welding Inspection, Piping and Pipeline Engineering, MEP, HVAC, Fire and Safety, Construction, Interior and Exterior designing related softwares, Civil QC, QS (Quantity Surveying), NDT etc. In the following department of Mechanical, Civil, & Electrical Engineering etc.

Our Mission is to train Students to become a Professional Level Candidates as per the EUROPEAN and GCC (Gulf/Middle east) Industrial Standards and also GUIDED for Placement in India and Abroad.

To make MNCe Academy Project Management the most preferred provider & contributor of Project Management courses for the professionals. To unleash the power of engineering by the highest standards of training of Software used in Engineering.

To spread this power in the whole world by creating Vision Partners in all countries. Our Vision is to bring a new excellence and idea in the field of human resource development by showcasing the power of proper training to create values of character, business power and service.

To strive ceaselessly by putting all efforts to live up to our vision, never to fail in our prime duty of giving the best to students, to always learn and grow and do better, and to never rest content with success but to aim further and go further. Also to work as a united team and thus find great meaning and joy with our work towards our vision.

To provide the best-in-class training program for top corporate and professionals aspiring to be high-end Project & Program managers across industries.

The core principle of any success is the root value of training. That simply means final delivery and really achieving results. This is the work ethic and commitment that we practice. There is no compromise on our vision to unleash the power of Engineering. And that power is what we give to students.

The gap between knowledge and methods of using software available and the students professional use of it is bridged. That to us is the essence of Training and Human Development. That is the daily work and a huge challenge. Without a conscious policy of commitment to students and achieving learning outcomes, and incorporating that same ethic and values in trainers and all our vision partners, success would be minimal.

✉ info@mncegroup.com

DIPLOMA IN
OIL & GAS ENGINEERING

Eligibility : +2, ITI, DIPLOMA, DEGREE B-Tech, BE, M-Tech, ME

Duration: 6 Months

Placements : 100% Assistance Assurance

EMI AVAILABLE *Conditions Apply

- **Introduction to Oil and Gas industry.**
- **Facilities and process.**
- **Production.**
- **Onshore.**
- **Offshore.**
- **Upstream process sections.**
- **Midstream process sections.**
- **Reservoir and wellheads.**
- **Refining.**
- **Crude oil and natural gas.**
- **The upstream oil and gas process.**
- **Petrochemical.**
- **Utility systems.**
- **Drilling operations.**
- **Gas Lift operations.**
- **Pump operations.**
- **Well testing.**
- **Production engineering.**
- **Well head maintenance.**

INCLUDING

QA/QC, Piping & Pipeline Engineering, Welding Inspection, NDT Level II,

info@mncegroup.com

Eligibility : +2, ITI, DEGREE, DIPLOMA
B-Tech, BE, M-Tech, BE

Duration: 3 Months

Placements : 100% Assurance*

EMI AVAILABLE *Conditions Apply

QA/QC MECHANICAL ENGINEERING

Piping and Pipeline Engineering.

- Introduction to piping.
- Piping components.
- Piping materials.
- Piping codes and standards.
- Manufacturing of metallic pipe.
- Fabrication and installation of piping systems.
- Bolted joints.
- Grooved and press fit piping systems.
- Selection and application of valves.
- Selection and application of control valves.
- Generic design considerations.
- Hierarchy of design documents.

Welding Inspection and Welding Technology

- *Introduction.*
- *Duties and responsibilities.*
- *Weld terminology.*
- *Destructive testing.*
- *Welding Procedure Qualification (WPQ).*
- *Material inspection.*
- *Codes and standards.*
- *Welding symbol.*
- *Welding process and consumables.*
- *Weld repairers.*
- *Residual stress and distortion.*
- *Heat treatment.*
- *Four factors and weld ability.*
- *WPS & ITP.*

NON DISTRUCTIVE TESTING (NDT) ASNT Level - II

Eligibility : +2, ITI, DEGREE, DIPLOMA
B-Tech, BE, M-Tech, ME
Duration: 2 Months
*Placements : 100% Assurance**

EMI AVAILABLE *Conditions Apply

- Visual Testing.
- Magnetic Particle Testing.
- Ultrasonic Testing.
- Liquid Penetrant Testing.
- Radiographic Testing.
- RTFI.
- Codes & Standards.
- Technical Calculation.
- Inspection Techniques.


Ultrasonic Testing (UT)


Visual Testing (VT)


Magnetic Particle Testing (MT)


Liquid Penetrant Testing (PT)

Radiographic Testing (RT)


Radiographic Testing Film Interpretation (RTFI)

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Auto CAD 2D - 3D | Revit MEP |
HAP | Duct sizer | Pipe sizer
MNCe institute Providing softwares
Duration: 3 Months

EMI AVAILABLE *Conditions Apply

MEP ENGINEERING (HVAC)

Mechanical - **HVAC (Heating Ventilation and Air Conditioning).**

Electrical - **Lighting fixtures, Switches, Outlets, Panels, Appliances etc.**

Plumbing - **Pipes fixtures & Fittings, Water supply distribution and Waste removal.**

HVAC (Heating Ventilation and Air Conditioning)

- **Scope of HVAC industry overview of consulting & construction industry concept of air conditioning systems.**
- **Principles of air conditioning.**
- **Refrigerant cycle.**
- **Chilling system.**
- **Cooling heating.**
- **Humidification Methods.**
- **Dehumidification Methods.**
- **Filtration.**
- **Air - Conditioning systems.**
- **Local cooling comfort system.**
- **Window air conditioning.**
- **Split air conditioning.**
- **VRV - air conditioning.**
- **Chilled water fan coil unit.**
- **Central air conditioning system.**

ELECTRICAL
(DESIGNING AND DRAFTING)

MNCe institute Providing softwares
Auto CAD 2D - 3D | Revit MEP
Duration 1 Month

EMI AVAILABLE *Conditions Apply

- Electricity - definition, units, & symbols.
- Basics & importance of electricity.
- Electrical codes & standards.
- Generation, transmission & distribution system.
- Introduction to electric motor, drives, starters etc.
- Lighting schemes.
- Lighting load estimation and designing of lighting panel.
- Types and application of luminaries.
- Lighting designing of auditoriums and theaters.
- Lighting designing for interior decoration and landscape.
- Emergency lighting system.
- Types & selection of circuit breakers.
- Importance & application of VCB, ACB, MCCB & MCB.
- Residual current devices.
- Isolators and SDF (Switch Disconnecting Fuse).
- Capacitors, resistor and reactors.
- Selection of AMF (Automatic Main Failure) & APFC (Automatic power factor correction) Panel.
- Under ground cable type & selection.
- LT panel board design.
- Coordination with HVAC, plumbing, firefighting, mechanical systems like.
- Chillers, AHU, FCU, water and drainage pumps, firefighting pumps etc.
- Switchgears-types and selection.
- UPS & inverters.

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PLUMBING
(DESIGNING AND DRAFTING)

EMI AVAILABLE *Conditions Apply

Plumbing design usually deals with water distribution and drainage systems, Water efficiency, CP & Sanitary fixtures, Orientation Design, Waste water treatment process and Fire fighting systems.

- Fixtures, faucets & fixture fittings.
- Sanitary orientation.
- Requirements of water supply system.
- Water demand calculations.
- Water storage & plumbing calculations.
- External & internal water supply system.
- Water supply schematic layout.
- Water supply pipe sizing calculations.
- Ring main system.
- Design of sanitary drainage & venting system.
- Requirements of sanitary drainage system.
- Types of sanitary drainage systems.
- Plumbing drawings.
- Typical floor plan- Plumbing layout.
- Toilet plan & Elevations.
- Enlarged toilet- Plumbing layout.
- Toilet fixtures mounting details.
- Enlarged kitchen & Utility- Plumbing layout.
- Water supply, Drainage & RWP – shematic.

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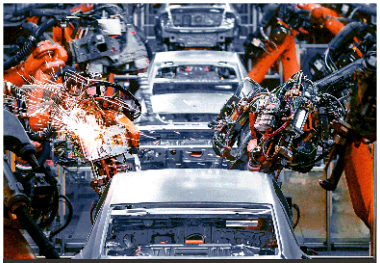
INDUSTRIAL APPLICATION OF NDT

Offshore Platform Inspection

Bridge Inspection

Petroleum Industry Inspection



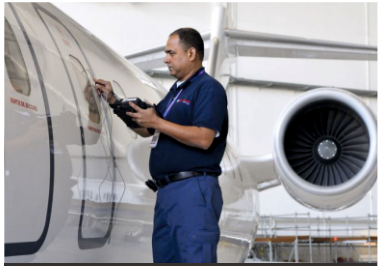
Automobile Industry Inspection

Chemical Factory Inspection

Pipeline Project Inspection

Railway Industry Inspection

Rail Road Inspection



Aeronautical Inspection

Wire Rope Inspection

Storage Tank Inspection

Marine Inspection

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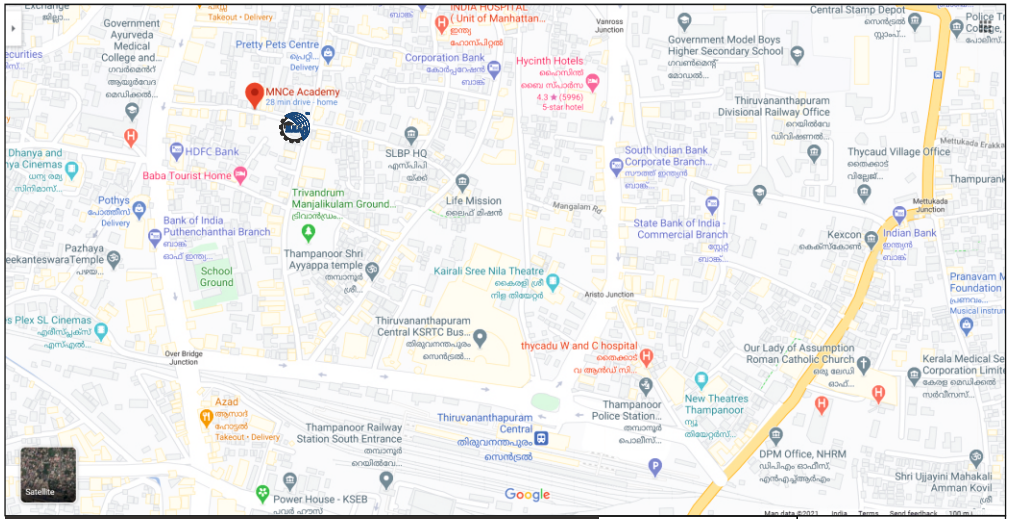
OUR ACCREDITATIONS & CERTIFICATES

OUR COURSES

TWO WHEELER MECHANIC
ELECTRICAL
HVAC
ASNT NDT LEVEL I-II
P&ID DIAGRAM
LUMION
INTERIOR DESIGNING
DIPLOMA IN OIL AND GAS
QA&QC
EXTERIOR DESIGNING
3DS MAX WITH VRAY
PIPING AND PIPELINE ENGINEERING
SKETCHUP WITH VRAY
WELDING TECHNOLOGY AND WELDING INSPECTION
INDUSTRIAL SAFETY
PLUMPING AND FIRE FIGHTING
REVIT
AUTOCAD



HEAD OFFICE

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HOSTEL FACILITY AVAILABLE

FREE WiFi AVAILABLE

BRANCH OFFICE

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kerala- 682015

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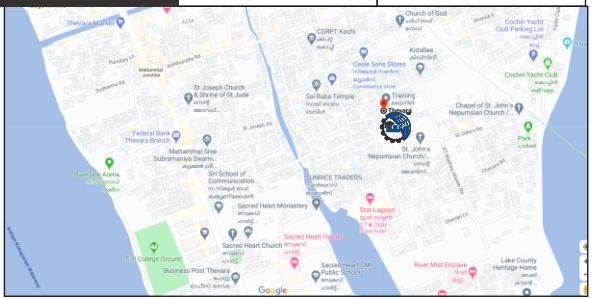
Mobile : +91 90 7272 0086
Email : info@mncegroup.com
Website : mncegroup.com



EMI AVAILABLE
Up to 12 months
*CONDITIONS APPLY

Our Facilities

- EXPERIENCE FACULTY
- SMART CLASSES
- ONSITE TRAINING
- LAB FACILITIES
- NATIONAL & INTERNATIONAL PLACEMENTS
- INTERNATIONAL ACCREDITATIONS
- 100% PLACEMENTS ASSURANCE*