MEC

MANCHESTER ENGINEERS CENTRE

MEET YOUR EXPECTATIONS IN CAREER

A pivot of Mechanical Engineers

About MEC - Manchester Engineers Centre

MEC - Manchester Engineers Centre provide career development and knowledge enhanchement for the professionals updating their knowledge towards the Industrial circumstance Improving their working stability.

Our training will be wider and focused fully on the job based on industrial aspects and their requirement.

We make your career path perfect

Who are we?

We are the MEC - Manchester Engineers Centre bridging our Knowledge for the welfarement of Engineers who are dreaming their career on core part.

What we can do for Engineers?

We support the engineers for their career development stimulating their technical knowledge in NDT, welding, quality, fabrication, piping, etc...

Our Misson

Our mission is to make all mechanical engineers to get achived aspiring them to reach their goals.

Why Choose MEC?

- 100 % Quality of Training
- 100% Assured Placement
- Onsite Live Practicals
- Industrial Based Training
- Best Environment to Learn
- Lifetime Job Alerts

PROFESSIONAL TRAINING COURSES

INSPECTION SERVICES

MANPOWER

CAREER GUIDANCE

NDT - Non Destructive Testing
Welding QA/QC (Fabrication, Piping)

The Initial step to start you career in oil and gas sector,
the NDT and Basic Welding Quality is the only way to guide you..

American
Society for
Non Destructive
Testing

QA/QC Training (Welding)

As Per ASME - American Society For Mechanical Engineers

Codes & Standards | Documentations
Inspection Technique | Fabrication
Technical Calculations | Drawing
Instrument Handling | Welding
Heat Treatments | Piping | NDT

Conventional NDT Methods

As Per ASNT
American Society For Non Destructive Testing

UT - Ultrasonic Testing
MPT - Magnetic Partical Testing
PT - Penetrant Testing
RT - Radiography Testing
VT - Visual Testing
RTFI - RT Film Interpretation

Advance NDT

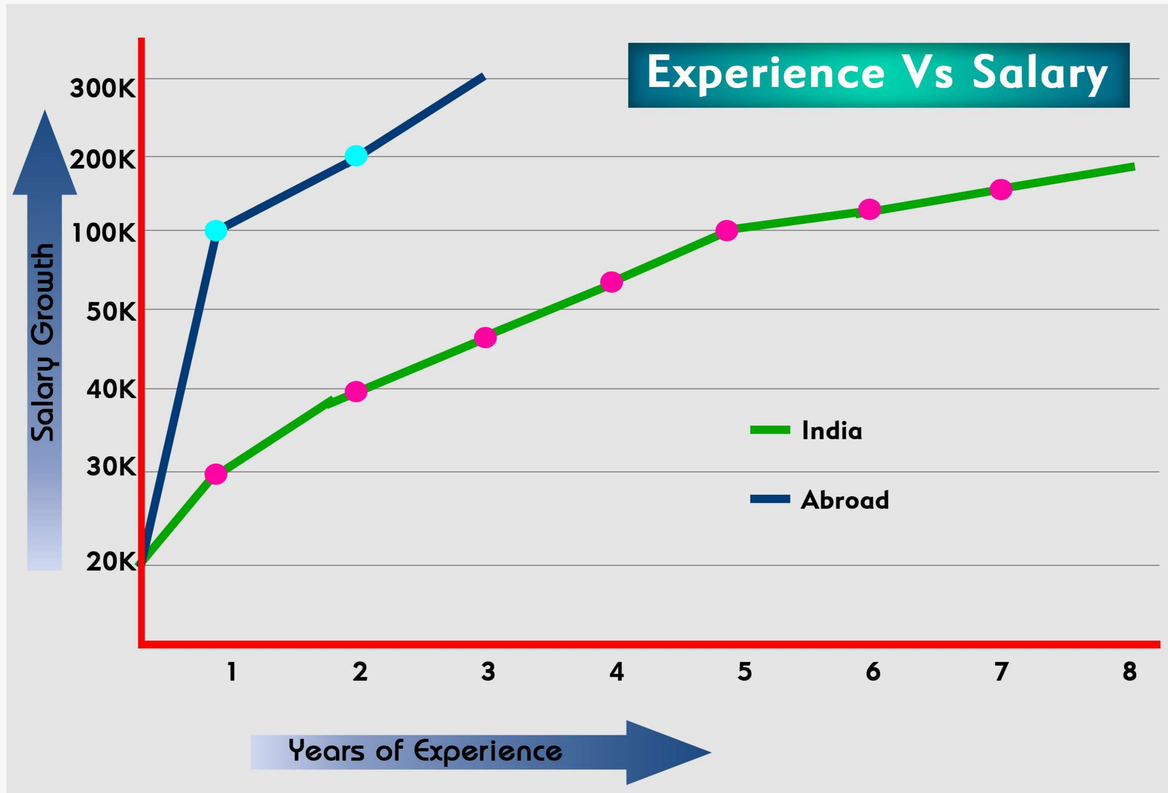
To reach HIGHER LEVEL in NDT you have to go ADVANCE

Fly high to Grow Higher

Advance NDT Technique

As Per ASNT - American Society For Non Destructive Testing

PAUT - Phased Array Ultrasonic Testing
IRIS - Internal Rotary Inspection System
ET - Eddy Current Testing
RFET - Rare Field Eddy Current Testing



Mechanical Design

MEC training commission well crafted the entire design course by the professionals to make a perfect Mechanical Design Engineer

Do It Yourself
become a Design Engineer

Design Enigineer - Mechanical

As Per Industrial Standards

Basics of Advanced Design Training
Concept of Mechanical Design.
Units & Dimensions | Importance of engineering Drawings
Concept of Reverse Engineering
Free hand Sketching Technique.
Chart - Paper Models of solids & Surfaces.
Conversion of Isometric views to
orthographic projections vice-versa,
Standards and Symbols | Selection of materials and its properties.
Engineering formulas and mechanism.
Drafting and Detailing! ACAD | Solid models: CREO, SOLID WORKS
Sheet Metal Design: CREO / SW
Surface Design: CREO / SIN... 15. Piping Design: CREO/ S.W 1
Concept of FEM and its applications. 35.
Introduction to ANSYS t HYPER MESH software
Study of structural, Thermal and fluent modules.
Hand calculations. | Validation
Parts manufacture as per Design. | Report preparation

Professional Training Courses

MEC training commission elabrate a structure of courses, concepts specially designed for mechanical engineers by the professionals to meet industrials standards.

ASNT-II TECHNICIAN

25 Days - 3 Hrs/Day

NDT Technician - ASNT Level - 2 (SNT- TC- 1A)

UT - Ultrasonic Testing
MPT - Magnetic Partical Testing
PT - Penetrant Testing
RT - Radiography Testing
VT - Visual Testing
RTFI - RT Film Interpretation

CERTIFICATION
As per ASNT Level 2
SNT - TC- 1A (2016 Edition)

CQIP

30 Days - 3 Hrs/Day

CQIP - Certiffied Quality Inspection Professional

Codes & Standards | Documentations
Inspection Technique | Fabrication
Technical Calculations | Drawing
Instrument Handling | Welding
Heat Treatments | Piping | NDT

CERTIFICATION
As Per MEC Training Commission

CQI

45 Days - 3 Hrs/Day

CQI - Certified Quality Inspector

UT - Ultrasonic Testing
MPT - Magnetic Partical Testing
PT - Penetrant Testing
RT - Radiography Testing
VT - Visual Testing
RTFI - RT Film Interpretation
Codes & Standards | Documentations
Inspection Technique | Fabrication
Technical Calculations | Drawing
Instrument Handling | Welding
Heat Treatments | Piping | NDT

CERTIFICATION
As per ASNT Level 2
SNT - TC- 1A (2016 Edition)
&
As Per MEC Training Commission

ASNT-II ADVANCED

30 Days - 8 Hrs/Day

Advance NDT (ASNT Level - 2)

UT - Ultrasonic Testing
MPT - Magnetic Partical Testing
PT - Penetrant Testing
RT - Radiography Testing
VT - Visual Testing
RTFI - RT Film Interpretation
with either
PAUT - Phased Array Ultrasonic Testing
TOFD - Time-of-flight diffraction
or
IRIS - Internal Rotary Inspection System
ET - Eddy Current Testing

CERTIFICATION
As per ASNT Level 2
SNT - TC- 1A (2016 Edition)

CDE MECHANICAL

45 Days - 8 Hrs/Day

CDE - Certified Design Engineer (Mechanical)

Concept of mechanical design & its application | Study of Drawings and its Detailing | Limits, Fits and tolerance
2D – Auto CAD | GD&T | Project
Modelling – Solid Works, Creo
Product Design | Introduction to ANSYS

CERTIFICATION
As Per MEC Training Commission

PDE MECHANICAL

90 Days - 4 Hrs/Day

PDE - Professional Design Engineer

Basics of Advanced Design Training
Concept of Mechanical Design.
Units & Dimensions | Importance of engineering Drawings | Concept of Reverse Engineering | Free hand Sketching Technique.| Chart - Paper Models of solids & Surfaces.
Conversion of Isometric views to orthographic | projections vice-versa
Standards and Symbols | Selection of materials and its properties.|
Engineering formulas and mechanism.
Drafting and Detailing ACAD
Solid models: Sheet Metal, Surface Design, Piping Design| Introduction to ANSYS t HYPER MESH

Choose your course wisely

It makes your CAREER *LIFE*

MEC

PASSION

IS THE DIFFERENCE BETWEEN

HAVING A JOB OR HAVING A CAREER

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