

# **THE CAREER YOU IMAGINED**

## **Is Closer Than You Think**

---

Thousands have walked through our doors with a dream and walked out with direction. At Blitz Academy, we don't just teach, we transform. Every course, every module, and every mentor is designed with one goal: Your success, exactly as you imagined it.



# Built on Legacy. **Proven by Numbers.**

- **16+** Years of excellence
- **17,893** Successful Placements
- **5128** International Placements
- **256** Placement Partners
- **3** Offline Branches
- **7** Global Recognised Accreditations

**Built on trust, Driven by outcomes.  
Trusted across generations**

# Why Students Choose Blitz ?

---

**Careers are not built by chance, but by the right learning environment, the right mentorship, and the right opportunities.**

-  **Industry-Best Faculty & Career-Relevant Curriculum**  
Learn from experienced mentors through a curriculum designed to match current industry demands.
-  **Practical, Practitioner-Led Learning**  
Move beyond theory with hands-on training delivered by professionals with real-world expertise.
-  **Multidimensional Industrial Visits & Internship Exposure**  
Gain direct industry insight through practical exposure, field visits and internship opportunities.
-  **Guaranteed Placement Assistance**  
Receive dedicated career support designed to help you move confidently toward the right opportunities.
-  **Globally Valued Certifications**  
Strengthen your profile with certifications that add credibility and recognition in competitive job markets.
-  **Microsoft & Skill Enhancement Training**  
Build essential technical and professional skills that improve workplace readiness and long-term growth.
-  **AI-Powered Learning Experience**  
Stay ahead with modern, technology-enabled learning designed for the future of work.
-  **Strong Infrastructure & Easy Accessibility**  
Learn in a well-equipped, student-friendly environment built for comfort, convenience, and productivity.
-  **Dedicated Placement Cell**  
Benefit from focused placement guidance, interview support and career preparation throughout your journey.
-  **15-Year Alumni Network**  
Become part of a strong legacy and growing professional community built over 15 years.



## OIL AND GAS

This course is basically proposed for professionals who aspire to have a career in the field of Oil & Gas Industry. The course gives a preliminary knowledge into the various stages of oil exploration, production, refinery processes and configuration. It contains the upstream, midstream and down stream processes covering various operational methods in oil exploration and details of offshore, on shore and rigs safety in Oil & Gas fields.

# DIPLOMA IN OIL AND GAS RIG TECHNOLOGY

A comprehensive 6- months programme designed to raise skilled professionals for one of the highest paying sectors in the world. The course covers everything from mud logging and drilling operations to process engineering and offshore safety. The course is validated by TÜV SÜD German Certification, the most recognized certification across the globe in the Oil & Gas industry.

- ◆ Basics of Oil & Gas
- ◆ Seismic Survey Geological Mapping
- ◆ Drilling Operations
- ◆ Rotating Equipments
- ◆ Coring & E-line Logging
- ◆ Mud Logging
- ◆ Well Testing
- ◆ Corporate skills and employability training
- ◆ Completion
- ◆ Fishing
- ◆ Slick Line
- ◆ Production Engineering
- ◆ Process Engineering
- ◆ Work over & Intervention
- ◆ Well head Maintenance
- ◆ HSE

## DURATION

**6 MONTHS**

## ELIGIBILITY CRITERIA

**PLUS TWO, DEGREE  
DIPLOMA, B.Tech**

## OFFSHORE SAFETY TRAINING

**PLACEMENTS  
OFFSHORE RIG /  
ONSHORE RIG**

Cooperation partner  
of TÜV SÜD





## DIPLOMA IN OIL AND GAS

The Oil & Gas industry is one of the most critical and technically demanding sectors in the world, powering economies and shaping global infrastructure. Our Oil & Gas Engineering course provides in-depth knowledge and practical skills in areas such as piping, welding, QA/QC, inspection, and project management essential for ensuring operational safety, efficiency, and compliance.

### **OIL & GAS**

- ◆ Type of Rig
- ◆ Department of Rig
- ◆ Drilling Method
- ◆ Exploration & Operation
- ◆ Duties of Roustabout
- ◆ Tools and Tackles in Rig
- ◆ Rig Safety

### **PIPING & PIPELINE ENGINEERING**

- ◆ Introduction to Piping and Piping Engineering
- ◆ Piping Fundamentals
- ◆ Pipe Fittings
- ◆ Flanges and Gasket
- ◆ Piping Materials and Specifications
- ◆ Codes and Standard
- ◆ Valves
- ◆ Piping Support
- ◆ Piping Insulation
- ◆ Piping Drawings
- ◆ Mechanical Equipment's

### **WELDING INSPECTION**

- ◆ Codes & standards
- ◆ Duties of a welding inspector
- ◆ Joints, weld terms, definitions & symbols Weld positions
- ◆ Welding processes
- ◆ Shielded metal arc welding (SMAW)
- ◆ Gas tungsten arc welding (GTAW)
- ◆ Gas metal arc welding (GMAW)
- ◆ Submerged arc welding (SAW)
- ◆ Flux cored arc welding (FCAW)
- ◆ Electrode selection in each process
- ◆ Cutting processes
- ◆ Welding imperfections classification
- ◆ Imperfection causes & preventive actions
- ◆ Weldability, stress & distortion
- ◆ Heat treatments
- ◆ Destructive testing
- ◆ Welding procedure specifications
- ◆ Documentation

### **NDT INTRODUCTION**

- ◆ Standard Organizations
- ◆ Terminology in NDT
- ◆ Objectives of NDT

### **ULTRASONIC TESTING(UT)**

- ◆ Spectrum of sound
- ◆ Type of Ultrasonic Waves & Beams
- ◆ Type of Probes & Data Presentation
- ◆ Calibration & Blocks
- ◆ DAC Curve Plotting & Blocks

### **RADIOGRAPHY TESTING**

- ◆ Basic principles of Radio Graphic Testing & Radio activity
- ◆ Electromagnetic waves
- ◆ X-Ray & Gamma Radiography
- ◆ Camera,Guide Tube,Drive Cable & Collimator
- ◆ Radiation Measurements & Units
- ◆ Industrial RT Film & Film Processing
- ◆ Image Quality Indicators & Radiography Techniques
- ◆ Radiation safety, Measuring devices & Exposure time calculators

### **CORPORATE SKILLS & EMPLOYABILITY TRAINING**

### **VISUAL TESTING(VT)**

- ◆ Basic Requirements
- ◆ Inspecting Aids
- ◆ Duties of Inspector

### **PENETRANT TESTING (PT)**

- ◆ Capillary action & test chemicals
- ◆ Steps of Penetrant testing
- ◆ Methods of surface preparation & penetrant application
- ◆ Classification of prenentrant testing
- ◆ Methods of excess penetrant removal & type of developers

### **MAGNETIC PARTICLE TESTING**

- ◆ Basics of Magnetism & Material Classification
- ◆ Introduction of Magnetic Field
- ◆ Steps & types of MPT
- ◆ Types of Magnetization Current & Right hand thumb rule
- ◆ Ttpes of Magnetization & Types of Magnetic Particles
- ◆ Checking Instruments & Field Indicators
- ◆ Demagnetization & Curie Temperature

#### **DURATION**

**6 MONTHS**

#### **ELIGIBILITY CRITERIA**

**PLUS TWO, DEGREE  
DIPLOMA, B.Tech**

#### **INDUSTRIAL VISIT**

**PLACEMENTS  
INTERNSHIP**

Cooperation partner  
of TUV SUD



# MECHANICAL QA/QC ENGINEERING

Mechanical QA/QC (Quality Assurance / Quality Control) professionals play a crucial role in ensuring that mechanical systems, equipment, and components meet design specifications, safety standards, and industry codes. The scope and opportunities in this field can vary depending on the industry, location, and level of expertise. Mechanical QA/QC professionals are in demand in various sectors: Oil & Gas, Power Plants (Thermal, Nuclear, Renewable) Construction & Infrastructure, Automotive, Manufacturing & Fabrication, Aerospace, Shipbuilding & Marine, HVAC & Building Services, Railways. Mechanical QA/QC is a highly specialized and stable career path with global demand.

## PIPING & PIPELINE ENGINEERING

- ◆ Introduction to Piping and Piping Engineering
- ◆ Piping Fundamentals
- ◆ Pipe Fittings
- ◆ Flanges and Gasket
- ◆ Piping Materials and Specifications
- ◆ Codes and Standard
- ◆ Valves
- ◆ Piping Support
- ◆ Piping Insulation
- ◆ Piping Drawings
- ◆ Mechanical Equipment's

## WELDING INSPECTION

- ◆ Codes & standards
- ◆ Duties of a welding inspector
- ◆ Joints, weld terms, definitions & symbols
- ◆ Weld positions
- ◆ Welding processes
- ◆ Shielded metal arc welding(SMAW)
- ◆ Gas tungsten arc welding(GTAW)
- ◆ Gas metal arc welding(GMAW)
- ◆ Submerged arc welding(SAW)
- ◆ Flux cored arc welding(FCAW)
- ◆ Electrode selection in each process
- ◆ Cutting processes
- ◆ Welding imperfections classification
- ◆ Imperfection causes & preventive actions
- ◆ Weldability, stress & distortion
- ◆ Heat treatments
- ◆ Destructive testing
- ◆ Welding procedure specifications
- ◆ Documentation



### **NDT INTRODUCTION**

- ◆ Standard Organizations
- ◆ Terminology in NDT
- ◆ Objectives of NDT

### **ULTRASONIC TESTING(UT)**

- ◆ Spectrum of sound
- ◆ Type of Ultrasonic Waves & Beams
- ◆ Type of Probes & Data Presentation
- ◆ Calibration & Blocks
- ◆ DAC Curve Plotting & Blocks

### **RADIOGRAPHY TESTING**

- ◆ Basic principles of Radio Graphic Testing & Radio activity
- ◆ Electromagnetic waves
- ◆ X-Ray & Gamma Radiography
- ◆ Camera,Guide Tube,Drive Cable & Collimator
- ◆ Radiation Measurements & Units
- ◆ Industrial RT Film & Film Processing
- ◆ Image Quality Indicators & Radiography Techniques
- ◆ Radiation safety, Measuring devices & Exposure time calculators

### **CORPORATE SKILLS & EMPLOYABILITY TRAINING**

### **VISUAL TESTING(VT)**

- ◆ Basic Requirements
- ◆ Inspecting Aids
- ◆ Duties of Inspector

### **PENETRANT TESTING (PT)**

- ◆ Capillary action & test chemicals
- ◆ Steps of Penetrant testing
- ◆ Methods of surface preparation & penetrant application
- ◆ Classification of prenentrant testing
- ◆ Methods of excess penetrant removal & type of developers

### **MAGNETIC PARTICLE TESTING**

- ◆ Basics of Magnetism & Material Classification
- ◆ Introduction of Magnetic Field
- ◆ Steps & types of MPT
- ◆ Types of Magnetization Current & Right hand thumb rule
- ◆ Ttpes of Magnetization & Types of Magnetic Particles
- ◆ Checking Instruments & Field Indicators
- ◆ Demagnetization & Curie Temperature

#### **DURATION**

**3.5 MONTHS**

#### **ELIGIBILITY CRITERIA**

**PLUS TWO, DEGREE  
DIPLOMA, B.Tech**

#### **INDUSTRIAL VISIT**

**PLACEMENTS  
INTERNSHIP**

Cooperation partner  
of TÜV SÜD





# NDT LEVEL II

NDT is a field of engineering encompassing the testing and inspection of materials and equipment to evaluate condition, find flaws and defects, and extend the useful life of critical infrastructure worldwide. NDT is a globally recognized skill set required to prevent catastrophic failures, extend asset life, and maintain compliance with stringent international codes. Your NDT certification is a passport to a career in critical sectors such as Aerospace & Defense, Oil & Gas, Power Generation, Manufacturing & Fabrication, Infrastructure & Construction. A career in NDT is a path into a specialized, high-demand field with excellent growth potential.

## NDT INTRODUCTION

- ◆ Standard Organizations
- ◆ Terminology in NDT
- ◆ Objectives of NDT

## ULTRASONIC TESTING(UT)

- ◆ Spectrum of sound
- ◆ Type of Ultrasonic Waves & Beams
- ◆ Type of Probes & Data Presentation
- ◆ Calibration & Blocks
- ◆ DAC Curve Plotting & Blocks

## PENETRANT TESTING

- ◆ Capillary action & test chemicals
- ◆ Steps of Penetrant testing
- ◆ Methods of surface preparation & penetrant application
- ◆ Classification of penetrant testing
- ◆ Methods of excess penetrant removal & type of developers

### DURATION

1.5 MONTH

### ELIGIBILITY CRITERIA

SSLC  
PLUS TWO, DEGREE

### INDUSTRIAL VISIT

PLACEMENTS  
INTERNSHIP

## **VISUAL TESTING(VT)**

- ◆ Basic Requirements
- ◆ Inspecting Aids
- ◆ Duties of Inspector

## **RADIOGRAPHY TESTING**

- ◆ Basic principles of Radio Graphic Testing & Radio activity
- ◆ Electromagnetic waves
- ◆ X-Ray & Gamma Radiography
- ◆ Camera,Guide Tube,Drive Cable & Collimator
- ◆ Radiation MEASUREMENTS & UNITS
- ◆ Industrial RT Film & Film Processing
- ◆ Image Quality Indicators & Radiography Techniques
- ◆ Radiation safety, Measuring devices & Exposure time calculators

## **MAGNETIC PARTICLE TESTING**

- ◆ Basics of Magnetism & Material Classification
- ◆ Introduction of Magnetic Field
- ◆ Steps & types of MPT
- ◆ Types of Magnetization Current & Right hand thumb rule
- ◆ Tptes of Magnetization & Types of Magnetic Particles
- ◆ Checking Instruments & Field Indicators
- ◆ Demagnetization & Curie Temperature

## **CORPORATE SKILLS & EMPLOYABILITY TRAINING**

Cooperation partner  
of TÜV SÜD





## Our Students Work here



# Testimonials

---



## Prakeerth

"I didn't have to wait even a month after my course, I got placed during my training itself in the logistics field. Blitz Academy's support was truly amazing. Thanks for all the support"



## Ammu

"I wasn't much into textbook learning, but Blitz made it interesting with hands on learning, regular IVs, and internships. It felt like I was learning a lot without even realizing it."



## Amal

"I never wanted to miss out on campus life, and at the same time, I wanted to settle down quickly but gladly, Blitz helped me achieve both simultaneously. We had all the fests, workshops, expert sessions, all celebrations, sports everything I wished for."



## Christy

"The best part for me was the faculties. Most of them come from the industry, and you can really feel that in the way they teach. It never felt like they were just covering a syllabus – they were sharing their own experiences, stories, and real situations. Sometimes it felt more like a conversation than a class, and that made me connect with what I was learning.."

# Where Classrooms Meet the Real World



# The Blitz Life



Earned.Celebrated.



**Kochi / Calicut / Bangalore**

**[www.blitzacademy.org](http://www.blitzacademy.org)**

**+91 906 110 6007**