

RIGHT CHOICE
FOR BRIGHT
FUTURE



Blitz Academy



COCHIN | BENGALURU

WWW.BLITZACADEMY.ORG

Vision

Empower the generation through quality education for diversified industries. Fine tune the candidates as an excellent key tool for the competitive industry. Achieve in all endeavors and to face global challenges. Provide excellent teaching and practical exposure including industrial training in leading sectors like Rig (offshore & onshore), Oil & Gas Refineries, petrochemicals and construction sites, both in India and Abroad. Enable our students to develop into outstanding professionals with high ethical values, confident for facing the challenges and to meet the requirement of the next millennium around the world.

Mission

Blitz Academy aspires to attain global leadership in education, training, and certification, while fulfilling a pivotal role in driving socio-economic progress within our nation.



A blurred background image of a student with long brown hair, wearing a blue and white striped shirt, sitting at a desk and holding a pencil. The student is looking towards the right side of the frame. The background shows other students and classroom furniture, all out of focus.

About Blitz

Blitz Academy is an educational institution since 2011. We provide comprehensive courses and certification in the field of Mechanical, Electrical, Civil, Information Technology and Quality Management Engineering. We offer unique opportunities to face challenges through our enriched learning, academic excellence, professional training and corporate exposure. We deliver courses and examinations to all major industrial sectors, including Oil and Gas, Logistics, Cyber Security, Interior Designing Construction, Power, and Automotive. Our courses are meticulously designed to impart extensive knowledge and a high degree of skills. Our training approach is predominantly practical-oriented, setting us apart in the training landscape.

We count amongst unrivalled quality of training and assessment leading to internationally recognized qualification which is demanded by various industries worldwide. We provide training and certification in various fields and thus play a vital role in socio - economic progress of the nation by Contributing high quality professionals.

We provide industrial training and examination services via its global network of offices and training centres. In addition to regular curriculum every department organizes technical seminars, industrial visits, onsite training, and practical's to expose the students to the real world environments. We offer 100% job guarantee for the students who have successfully completed our courses and industrial training programs. We offer tutoring services for the students to fulfil their ongoing education, training and certification requirements with real experienced hands from various industries.

Our state-of-the-art training labs are equipped with advanced machinery and equipment used in industries, ensuring that our students receive hands-on training to prepare them for the demands of the professional world.

OUR ACADEMIC MENTORS

- **Mr. VIJAY VENUGOPAL**
QA/QC, Inspection Engineer
Certified Welding Inspector (CSWIP 3.1/CSWIP 3.2)
Lead Auditor
ASNT NDT LEVEL II (RT, UT, MT, PT, VT, RTFI)
(Experience - 14 Years)
- **Mr. EBY VARGHESE**
OIL & GAS
Level-II Mechanical Technology
(Experience - 17 Years)
- **Mr. RAJEEV REGHUNATHAN**
QA/QC ENGINEER, CSWIP 3.1 - Welding/piping
Inspector, BGAS GRADE -2 - Painting/Coating
Inspector, Lead Auditor (ISO 9001-2015),
ASNT LEVEL II (PT/MT/RT/UT/LT/RTFI)
(Experience - 12 Years)
- **Mr. N SUNDARAKUMAR**
Electrical QA/QC & MEP Engineering
(Experience - 14 Years)
- **Mr. ASHFAQ E.U**
Civil Engineer Class A,
Grad.Iosh Department Of Urban Affairs
Kerala State (Experience - 8 Years)
- **Mr. UNAIS MADATHIL**
MEP Engineer
(Experience - 10 Years)
- **Mrs. VINEETHA MOL K.V**
Quantity Surveyor
(Experience -10 Years)
- **Mr. ANOOP E VENUGOPAL**
Mechanical QA/QC Engineer
(Experience - 14 Years)
- **Mr. MIDLAJ N.P**
NDT Inspector ASNT NDT LEVEL II
(RT,UT,MT,PT)
(Experience - 10 Years)
- **Mr. MUKESH M G**
Mechanical QA/QC Engineer
(Experience - 12 Years)
- **Mr. SEBASTIAN JOY**
QC Engineer
(Experience - 7 Years)
- **Mrs. SABNAM A**
Architect
(Experience - 5 Years)
- **MRS. SONIYA K**
Diploma in BME, B.tech in electronics & communication
EC Council - CEH , CPENT Certified (Experience - 5 Years)
- **MR. SIJU S MANI**
Procurement Logistics Specialist
MBA (Finance) - IIPM Bangalore
PGDM (Logistics & SCM) - Darden School of Business,
University of Virginia - USA (Experience - 11 Years)

OIL & 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.

production, refinery processes and configuration. It contains the upstream, midstream and down-stream processes covering various operational methods in oil exploration and details of off shore, on shore and rigs safety in Oil and Gas fields.





DIPLOMA IN OIL & GAS RIG TECHNOLOGY

- ▶ Basics of Oil & Gas
- ▶ Seismic Survey
- ▶ Geological Mapping
- ▶ Drilling Operations
- ▶ Rotating Equipments
- ▶ Coring & E-line Logging
- ▶ Mud Logging
- ▶ Well Testing
- ▶ 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/BE

TRAINING

Rig Training /
Offshore Safety
Training



DIPLOMA IN OIL & GAS MANAGEMENT

- ▶ Drilling Technology
- ▶ HSE (Industrial Site Safety Awareness)
- ▶ NDT Level II
- ▶ QC in welding inspection
- ▶ Piping & Pipeline Engineering

DURATION

6 months

ELIGIBILITY CRITERIA

Plus Two/Degree
Diploma/B.tech/BE

TRAINING

Optional

MECHANICAL QA/QC ENGINEERING

Our comprehensive program focuses on the QA/QC system, emphasizing knowledge transfer and skill development. It prepares individuals for QA/QC Engineer positions across diverse sectors, including oil & gas, aerospace, petrochemical, refineries, power plants, automotive, rail, marine, construction, manufacturing, and military services. The course adheres to administrative standards and curriculum guidelines for qualifying entry-level, advanced, and expert QA/QC professionals in accordance with both national and international standards.

DURATION

3 months

ELIGIBILITY CRITERIA

10th/+2/ITI/Diploma/B.tech/BE

TRAINING

*Optional



PIPING & PIPELINE ENGINEERING

- ▶ Process piping construction
- ▶ Codes and standards
- ▶ ASME Section - IX
- ▶ ASME Section - B 31
- ▶ GA drawing
- ▶ Isometric drawings
- ▶ Stress Analysis
- ▶ Material specification
- ▶ Fabrication & Erection methods
- ▶ Pipe fitting & Application
- ▶ Pipe routing
- ▶ Pipe supports
- ▶ Pressure testing
- ▶ Leak testing
- ▶ Mechanical equipments related to piping
- ▶ Documentation related billing

DURATION

1 Month

ELIGIBILITY CRITERIA

10th/+2/Degree Diploma/Btech/B.E



WELDING INSPECTION

- ▶ Visual Inspection
- ▶ Material identification
- ▶ Codes and standards
- ▶ WPS & ITP
- ▶ WQT
- ▶ Destructive testing
- ▶ Weld Positions
- ▶ Welding process & Consumables
- ▶ Weldability
- ▶ Metallurgy
- ▶ Stress & Distortion
- ▶ Gauges & Inspection
- ▶ Non-Destructive testing
- ▶ Weld imperfections
- ▶ Pre-Heat & Post weld
- ▶ Heat treatment
- ▶ Documentation

DURATION

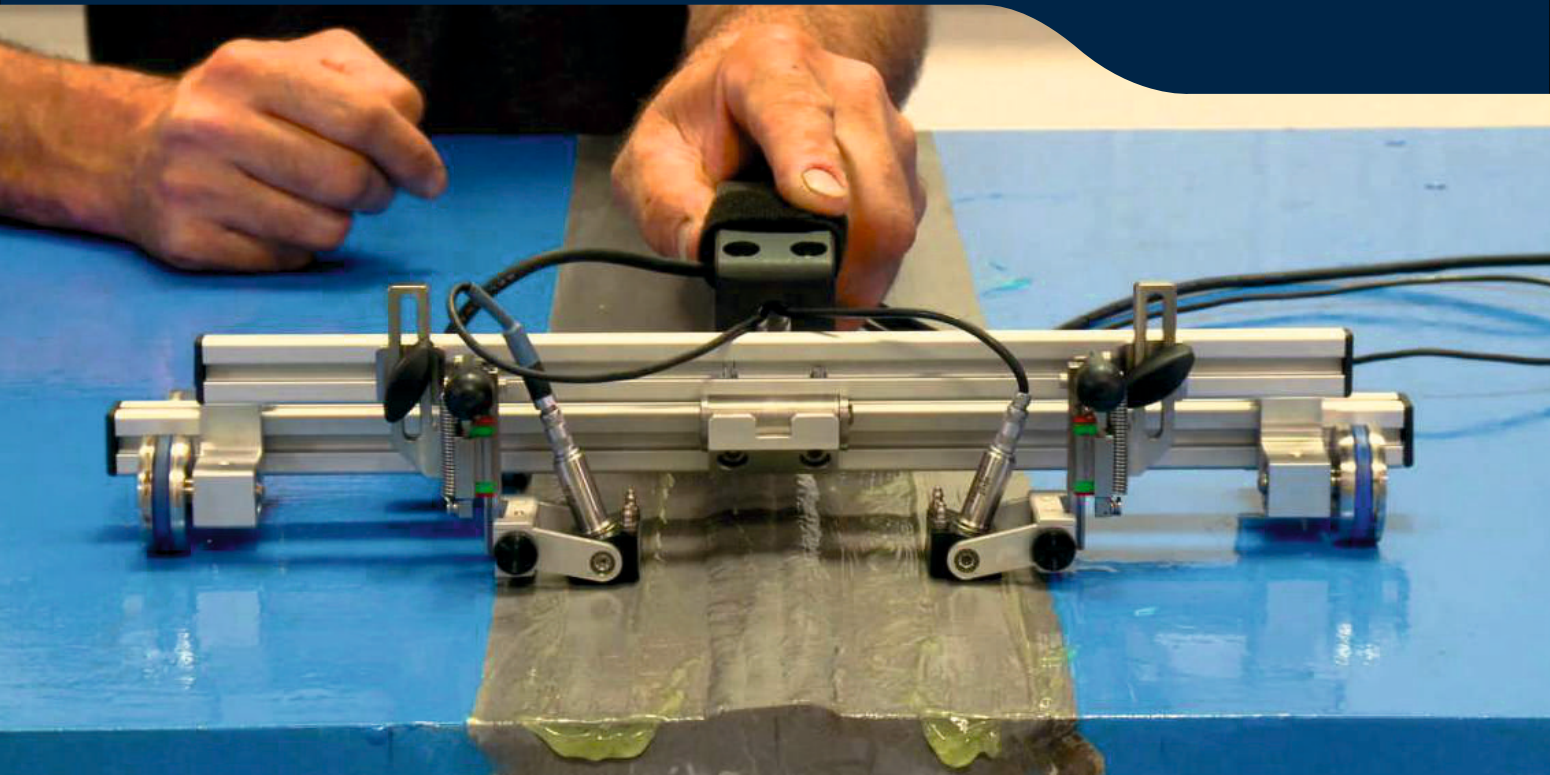
1 month

ELIGIBILITY CRITERIA

10th/+2/Degree
Diploma/Btech/B.E

TRAINING

*Optional





NDT LEVEL II

► VISUAL TESTING

► ULTRASONIC TESTING

Corrosion Mapping | Lamination Test
Weld Scanning | Probe Selection

► PENETRANT TESTING

Dye Penetrant Testing
Fluorescent Penetrant Testing

► RADIOGRAPHIC TESTING

X Ray Testing | Radiographic Testing
Gamma Ray Testing | Radiographic Testing

► MAGNETIC PARTICLE TESTING

Visible Magnetic Particle Testing | Fluorescent Testing
Magnetic Particle Testing

DURATION

1 Month

ELIGIBILITY CRITERIA

10th/Plus Two/ITI/Diploma/B.tech/BE

TRAINING

Practical



LOGISTICS

The Logistics and Supply Chain Management program offers a comprehensive exploration of the strategic and operational roles that logistics and supply chain management play in the global business landscape. Emphasizing both domestic and international logistics systems, the program encompasses sourcing, operations management, materials management, warehousing, distribution, and last-mile delivery operations.

Logistics and Supply Chain Management (LSCM), alternatively referred to as Demand Chain Management, operates with a customer-centric focus, pulling from customer demand. This involves a network of suppliers, manufacturers, distributors, retailers, transporters, warehouse owners, and various other intermediaries collaborating seamlessly.



DIPLOMA IN LOGISTICS & SUPPLY CHAIN MANAGEMENT

- ▶ Logistics fundamentals and processes
- ▶ Accounting in logistics & supply chain sector
- ▶ Planning for logistics
- ▶ Supply chain modelling & design
- ▶ Lean supply chain management

DURATION

6 months

ELIGIBILITY CRITERIA

+2 /Any Graduation

PROFESSIONAL DIPLOMA IN LOGISTICS AND SUPPLY CHAIN MANAGEMENT

- ▶ Logistics fundamentals & Processes
- ▶ Planning for logistics
- ▶ Supply chain modelling & design
- ▶ Accounting in logistics and supply chain sector
- ▶ Lean supply chain management
- ▶ Business Policy & Strategy
- ▶ Supply chain simulation
- ▶ Logistics Strategy

DURATION

1 Year

ELIGIBILITY CRITERIA

+2 / Any degree



PGP IN LOGISTICS & SUPPLY CHAIN MANAGEMENT

- ▶ Logistics fundamentals & Processes
- ▶ Planning for logistics
- ▶ Supply chain modelling & design
- ▶ Accounting in logistics and supply chain sector
- ▶ Lean supply chain management
- ▶ Business Policy & Strategy
- ▶ Supply chain simulation
- ▶ Logistics Strategy

DURATION

10 months

ELIGIBILITY CRITERIA

Any degree





CYBER SECURITY

Cyber security programs are designed to equip individuals with the knowledge and skills necessary to excel in the dynamic field of Cyber Security. Cyber Security Engineers, who often complete these courses, play a pivotal role within organizations.

Their primary goal is to design and implement network security solutions that are robust against a wide range of cyber threats, including cyberattacks, malicious activities, and hacker intrusions. They also engage in regular testing and monitoring of these security systems to ensure that they remain up-to-date and fully operational according to established security requirements.

The demand for skilled Cyber Security Engineers is at an all-time high due to the growing importance of data security. A professional Cyber Security Engineer is primarily tasked with detecting and proactively preventing security breaches. They are responsible for identifying and addressing system vulnerabilities using various tools and technologies. Additionally, they play a critical role in implementing firewalls and integrating systems to detect and respond to security breaches promptly.

CERTIFIED ETHICAL HACKING



The C|EH® training program consists of 20 modules covering a broad spectrum of cybersecurity technologies, tactics, and procedures. Spanning five days, the program is meticulously structured to provide essential knowledge for prospective ethical hackers. Remaining at the forefront of the industry, it continually evolves to align with the latest advancements. The curriculum is divided into 50% knowledge-based training and 50% hands-on application in our advanced cyber range. Labs reinforce each tactic with step-by-step exercises in a virtualized environment, offering practical experience with real-world tools and vulnerable systems. Participants gain comprehensive hands-on skills through cutting-edge lab technology, enabling effective application of their knowledge.

- ▶ Introduction to ethical hacking
- ▶ Foot printing & reconnaissance
- ▶ Scanning networks
- ▶ Enumeration
- ▶ Vulnerability analysis
- ▶ System hacking
- ▶ Malware threats
- ▶ Sniffing
- ▶ Social engineering
- ▶ Denial of service
- ▶ Session Hijacking
- ▶ Evading IDS, Firewalls & Honeypots
- ▶ Hacking Web Servers
- ▶ Hacking Web Applications
- ▶ SQL Injection
- ▶ Hacking Wireless Networks
- ▶ Hacking Mobile Platforms
- ▶ Iot & OT Hacking
- ▶ Cloud Computing
- ▶ Cryptography

EC-Council

DURATION

1 / 3 months

ELIGIBILITY CRITERIA

10th / Plus Two / Degree
Diploma / B.tech / BE





DIPLOMA IN CYBER SECURITY

Diploma in Cyber security course provides students with a comprehensive education in the field of cyber security, equipping them with the knowledge and skills needed to safeguard computer systems, networks, and data from various cyber threats. This diploma program typically offers a balanced mix of theoretical and practical training to prepare students for careers in the rapidly evolving and critical field of cyber security.

EC-Council

DURATION

6 months

ELIGIBILITY CRITERIA

**Plus Two/Degree
Diploma/B.tech/BE**



Certified Ethical Hacker (CEH)



Certified Penetration Testing (CPENT)

- ▶ Introduction to Ethical Hacking
- ▶ Footprinting and Reconnaissance
- ▶ Scanning Networks
- ▶ Enumeration
- ▶ Vulnerability Analysis
- ▶ System Hacking
- ▶ Malware Threats
- ▶ Sniffing
- ▶ Social Engineering
- ▶ Denial-of-Service
- ▶ Session Hijacking
- ▶ Evading IDS, Firewalls, and Honeypots
- ▶ Hacking Web Servers
- ▶ Hacking Web Applications
- ▶ SQL Injection
- ▶ Hacking Wireless Networks
- ▶ Hacking Mobile Platforms
- ▶ IoT and OT Hacking
- ▶ Cloud Computing
- ▶ Cryptography
- ▶ Introduction to Penetration Testing
- ▶ Penetration Testing Scoping and Engagement
- ▶ Open Source Intelligence (OSINT)
- ▶ Social Engineering Penetration Testing

EC-Council



PROFESSIONAL DIPLOMA IN CYBER SECURITY

In an era where our world is increasingly digitized, the need for robust cybersecurity measures has become paramount. The Professional Diploma in Cybersecurity addresses this demand by offering a comprehensive and specialized curriculum designed to equip individuals with the knowledge and skills needed to protect information systems from evolving cyber threats. The Professional Diploma in Cybersecurity is an intensive and focused educational program aimed at providing participants with a deep understanding of cybersecurity principles, practices, and technologies.

DURATION

1 year

ELIGIBILITY CRITERIA

Plus Two/Degree
Diploma/Btech

EC-Council





Certified Ethical Hacker (CEH)



Certified Ethical Hacker (Master)



Certified Penetration Testing (CPENT)



Licensed Penetration Tester (Master)

- ▶ Introduction to Ethical Hacking
- ▶ Foot printing and Reconnaissance
- ▶ Scanning Networks
- ▶ Enumeration
- ▶ Vulnerability Analysis
- ▶ System Hacking
- ▶ Malware Threats
- ▶ Sniffing
- ▶ Social Engineering
- ▶ Denial-of-Service
- ▶ Session Hijacking
- ▶ Evading IDS, Firewalls, and Honeypots
- ▶ Hacking Web Servers
- ▶ Hacking Web Applications
- ▶ SQL Injection
- ▶ Hacking Wireless Networks
- ▶ Hacking Mobile Platforms
- ▶ IoT and OT Hacking
- ▶ Cloud Computing
- ▶ Cryptography
- ▶ Introduction to Penetration Testing
- ▶ Penetration Testing Scoping and Engagement

- ▶ Network Penetration Testing
- ▶ Web Application Penetration Testing
- ▶ Wireless Penetration Testing
- ▶ Wireless Penetration Testing
- ▶ IoT Penetration Testing
- ▶ OT/SCADA Penetration Testing
- ▶ Cloud Penetration Testing
- ▶ Binary Analysis and Exploitation
- ▶ Report Writing and Post Testing Actions
- ▶ Network Attacks and Defense Strategies
- ▶ Administrative Network Security
- ▶ Technical Network Security
- ▶ Network Perimeter Security
- ▶ Endpoint Security- Windows Systems
- ▶ Endpoint Security- Linux Systems
- ▶ Endpoint Security- Mobile Devices
- ▶ Endpoint Security-IoT Devices
- ▶ Administrative Application Security
- ▶ Data Security
- ▶ Enterprise Virtual Network Security
- ▶ Enterprise Cloud Network Security
- ▶ Enterprise Wireless Network Security



CYBER FORENSIC



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The program is designed for IT professionals involved with information system security, computer forensics, and incident response. It will help fortify the application knowledge in digital forensics for forensic analysts, cyber crime investigators, cyber defense forensic analysts, incident responders, information technology auditors, malware analysts, security consultants, and chief security officers. The program equips candidates with the necessary skills to proactively investigate complex security threats, allowing them to investigate, record, and report cybercrimes to prevent future attacks.

DIPLOMA IN CYBER FORENSIC

In an age dominated by digital technologies, the increasing frequency and sophistication of cybercrimes have elevated the need for skilled professionals capable of investigating and mitigating digital threats. The Diploma in Cyber Forensic is a specialized program crafted to equip individuals with the expertise required to navigate the complexities of digital investigations, ensuring the preservation of digital evidence and the identification of cybercriminal activities.

DURATION	ELIGIBILITY CRITERIA
6 months	+2/Diploma/Degree/B.tech/BE

- ▶ Introduction to Cyber Forensics
- ▶ Digital Forensics Techniques
- ▶ Incident Response and Handling
- ▶ Network Forensics
- ▶ Computer and Mobile Device Forensics
- ▶ Legal and Ethical Considerations
- ▶ Cybercrime Categories
- ▶ Chain of Custody and Evidence Handling
- ▶ Cyber Forensic Tools and Technologies
- ▶ Malware Analysis and Reverse Engineering
- ▶ Courtroom Procedures and Expert Testimony
- ▶ Emerging Trends in Cyber Forensics
- ▶ Case Studies and Practical Labs

EC-Council





PROFESSIONAL DIPLOMA IN CYBER FORENSIC

As our reliance on digital technology grows, so does the need for experts who can investigate and mitigate cybercrimes. The Professional Diploma in Cyber Forensic is a specialized program designed to equip individuals with the skills and knowledge required to navigate the complex world of digital investigations and cybercrime prevention

DURATION

1 Year

ELIGIBILITY CRITERIA

Plus Two/Degree
Diploma/Btech



Certified Ethical Hacker (CEH)



Certified Ethical Hacker (Master)



Certified Penetration Testing (CPENT)



Licensed Penetration Tester (Master)



Computer Hacking Forensic Investigator (CHFI)

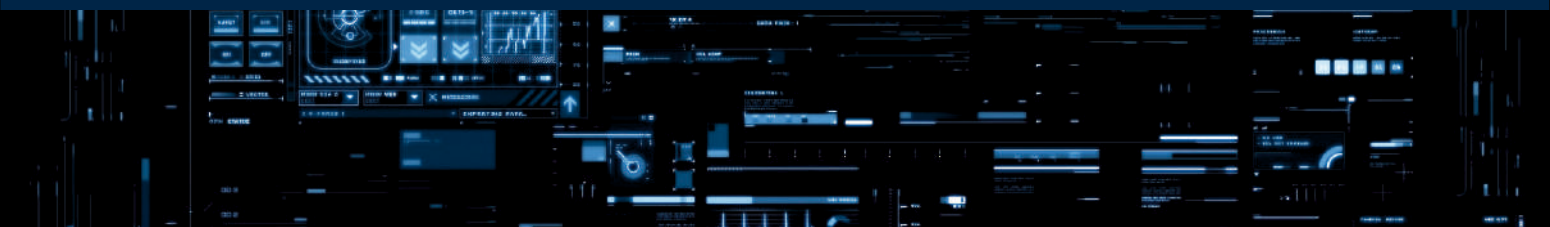


EC-Council

- ▶ Introduction to Ethical Hacking
- ▶ Foot printing and Reconnaissance
- ▶ Scanning Networks
- ▶ Enumeration
- ▶ Vulnerability Analysis
- ▶ System Hacking
- ▶ Malware Threats
- ▶ Sniffing
- ▶ Social Engineering
- ▶ Denial-of-Service
- ▶ Session Hijacking
- ▶ Evading IDS, Firewalls, and Honeypots
- ▶ Hacking Web Servers
- ▶ Hacking Web Applications
- ▶ SQL Injection
- ▶ Hacking Wireless Networks
- ▶ Hacking Mobile Platforms
- ▶ IoT and OT Hacking
- ▶ Cloud Computing
- ▶ Cryptography
- ▶ Introduction to Penetration Testing
- ▶ Penetration Testing Scoping and Engagement
- ▶ Open Source Intelligence OSINT)
- ▶ Social Engineering Penetration Testing
- ▶ Network Penetration Testing – External
- ▶ Network Penetration Testing– Internal
- ▶ Network Penetration Testing – Perimeter Devices
- ▶ Web Application Penetration Testing
- ▶ Wireless Penetration Testing
- ▶ Wireless Penetration Testing
- ▶ IoT Penetration Testing
- ▶ OT/SCADA Penetration Testing
- ▶ Cloud Penetration Testing
- ▶ Binary Analysis and Exploitation
- ▶ Report Writing and Post Testing Actions
- ▶ Forensic Computer Analyst
- ▶ Computer Forensics Criminal Investigator
- ▶ Intelligence Technology Analyst
- ▶ Disaster Recovery Expert
- ▶ Cryptographer
- ▶ Cryptanalyst
- ▶ Computer Crime Investigator
- ▶ Mobile Forensics Expert
- ▶ Information Technology Auditor
- ▶ Digital Crime Specialist
- ▶ Cyber Defence Forensic Analyst

EC-Council

Certified Training Programs



CIVIL

Elevate your civil engineering career with our comprehensive programs. From Quality Assurance & Quantity Surveying to Construction Management, gain the expertise you need to excel in the industry. Join us to build a solid foundation for your success and enjoy the benefits of industry-relevant curriculum, experienced faculty, hands-on training, and networking opportunities that will set you on a path to a thriving career





CIVIL QA/QC ENGINEERING

- ▶ Quality Management System
- ▶ Materials Selection & Sampling
- ▶ Practical Civil Engineering
- ▶ Tests on Soil
- ▶ Tests on Aggregate
- ▶ Tests on Concrete
- ▶ Tests on Cement
- ▶ Tests on Bitumen
- ▶ Non Destructive Testing (Civil NDT)
- ▶ Quality Documentation & Report Preparation
- ▶ Construction Site Safety

DURATION

1.5 months

ELIGIBILITY CRITERIA

Civil / ITI /Diploma
B.tech/BE

TRAINING

Practical

QUANTITY SURVEYING

- ▶ Quantity Surveying
- ▶ Bar Bending Schedule
- ▶ Rate Analysis
- ▶ Estimation of Buildings
- ▶ Estimation of Roads
- ▶ Estimation of Bridges
- ▶ Estimation of RCC Items
- ▶ Estimation of Miscellaneous Items

DURATION

1.5 months

ELIGIBILITY CRITERIA

Civil / ITI /Diploma
B.tech/BE



CONSTRUCTION MANAGEMENT

- ▶ Project Management
- ▶ Methods & Principles
- ▶ Project Planning & Scheduling
- ▶ CPM & Pert Net Work Analysis
- ▶ Resource Management Monitoring & Control
- ▶ Cost Time Analysis
- ▶ Contract Management
- ▶ Risk Management
- ▶ Safety Management
- ▶ Software Training

DURATION

1.5 months

ELIGIBILITY CRITERIA

Civil / ITI / Diploma
B.tech/BE

TRAINING

Practical





INTERIOR DESIGNING

Our Interior Design program empowers students to transform spaces into unique experiences, fostering meaningful ideas and improving the end-user experience through well-executed design. Interior design careers offer diverse paths for aspiring professionals. It's the art and science of enhancing building interiors, creating healthier, aesthetically pleasing spaces. Interior designers plan, research, coordinate, and manage these projects, involving conceptual development, space planning, site inspections, programming, and construction management.



DIPLOMA IN INTERIOR DESIGNING

- ▶ Basics of interior design
- ▶ Principles of design
- ▶ Elements of design
- ▶ Colour wheel - colour psychology in interior design
- ▶ Perspectives
- ▶ Lighting and its importance
- ▶ Parts of building
- ▶ Materials and construction

- ▶ Software Training
- ▶ Model Making
- ▶ Minor Project
- ▶ Seminars & Presentation
- ▶ Building & Material Study

DURATION

6 Months

ELIGIBILITY CRITERIA

+2/Degree/
Civil Diploma/ITI
Btech/B Arch



PROFESSIONAL DIPLOMA IN INTERIOR DESIGNING

- ▶ Basics of interior design
- ▶ Principles of design
- ▶ Elements of design
- ▶ Proportion & Scale
- ▶ Colour wheel - Colour Psychology in Interior Design
- ▶ Perspectives
- ▶ Lighting and its importance
- ▶ Parts of building
- ▶ Materials and construction
- ▶ Space Planning & Calculation
- ▶ Measured Drawing
- ▶ Anthropometry & Ergonomics

DURATION

1 year

ELIGIBILITY CRITERIA

+2 /Degree/ Civil Diploma/ITI /Btech/B Arch

- ▶ Software Training
- ▶ Minor Project
- ▶ Model Making
- ▶ Seminars & Presentation
- ▶ Building & Material Study



P.G DIPLOMA IN INTERIOR DESIGNING

- ▶ Basics of interior design
- ▶ Principles of design
- ▶ Elements of design
- ▶ Proportion & Scale
- ▶ Colour wheel - Colour Psychology in Interior Design
- ▶ Perspectives
- ▶ Lighting and its importance
- ▶ Parts of building
- ▶ Materials and construction
- ▶ Space Planning & Calculation
- ▶ Measured Drawing
- ▶ Anthropometry & Ergonomics

DURATION

1 year

ELIGIBILITY CRITERIA

Any Graduation

- ▶ Software Training
- ▶ Model Making
- ▶ Minor Project
- ▶ Seminars & Presentation
- ▶ Building & Material Study

MEP BUILDING INFORMATION MODELING

Our MEP Engineer program equips professionals to plan and design Mechanical, Electrical, and Plumbing (MEP) systems. It covers policy development, standards, inspection procedures, and project evaluation, with a focus on HVAC, electrical power, and plumbing systems. Join us to excel in the field of MEP engineering and make a meaningful impact in diverse projects.





HVAC

- ▶ Basics of Designing
- ▶ Heat Load Calculation
(Manually & Softwares)
- ▶ Machine Parts, Coil Selection, Chiller Parts
- ▶ Low Side Material Selection
- ▶ Drafting Project 1 & Project 2
- ▶ Quantity Surveying (BOQ)
- ▶ Softwares

ELECTRICAL

- ▶ Fundamentals
- ▶ Wiring & Cable management systems
- ▶ Lighting management system
- ▶ Power distribution system
- ▶ House Wiring Designing
- ▶ Residential & Commercial buildings designing
- ▶ Transformer, DG, Busbar,
Capacitor bank selection
- ▶ Preparation of BOQ
- ▶ Softwares

PLUMBING

- ▶ Pump selection
- ▶ Head calculation
- ▶ Man hole calculation
- ▶ Water calculation
- ▶ Drainage system
- ▶ Water supply fixture unit
- ▶ Materials selection
- ▶ Septic tank sizing
- ▶ Softwares

FIRE FIGHTING

- ▶ Fire triangle
- ▶ Types of fires
- ▶ Fire fighting system
- ▶ Sprinkler system
- ▶ Head calculation
- ▶ Pump selection
- ▶ Drafting

DURATION

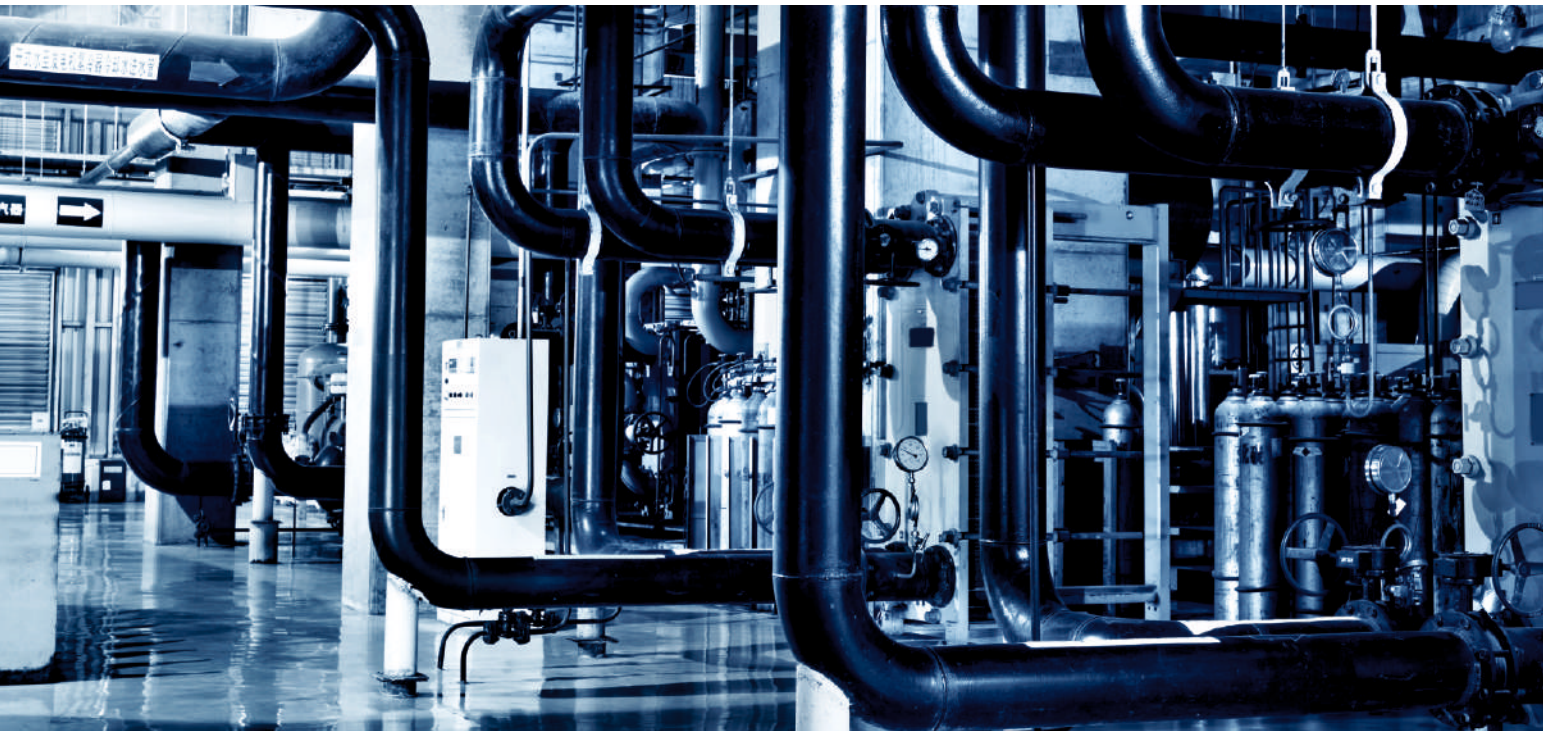
4.5 months

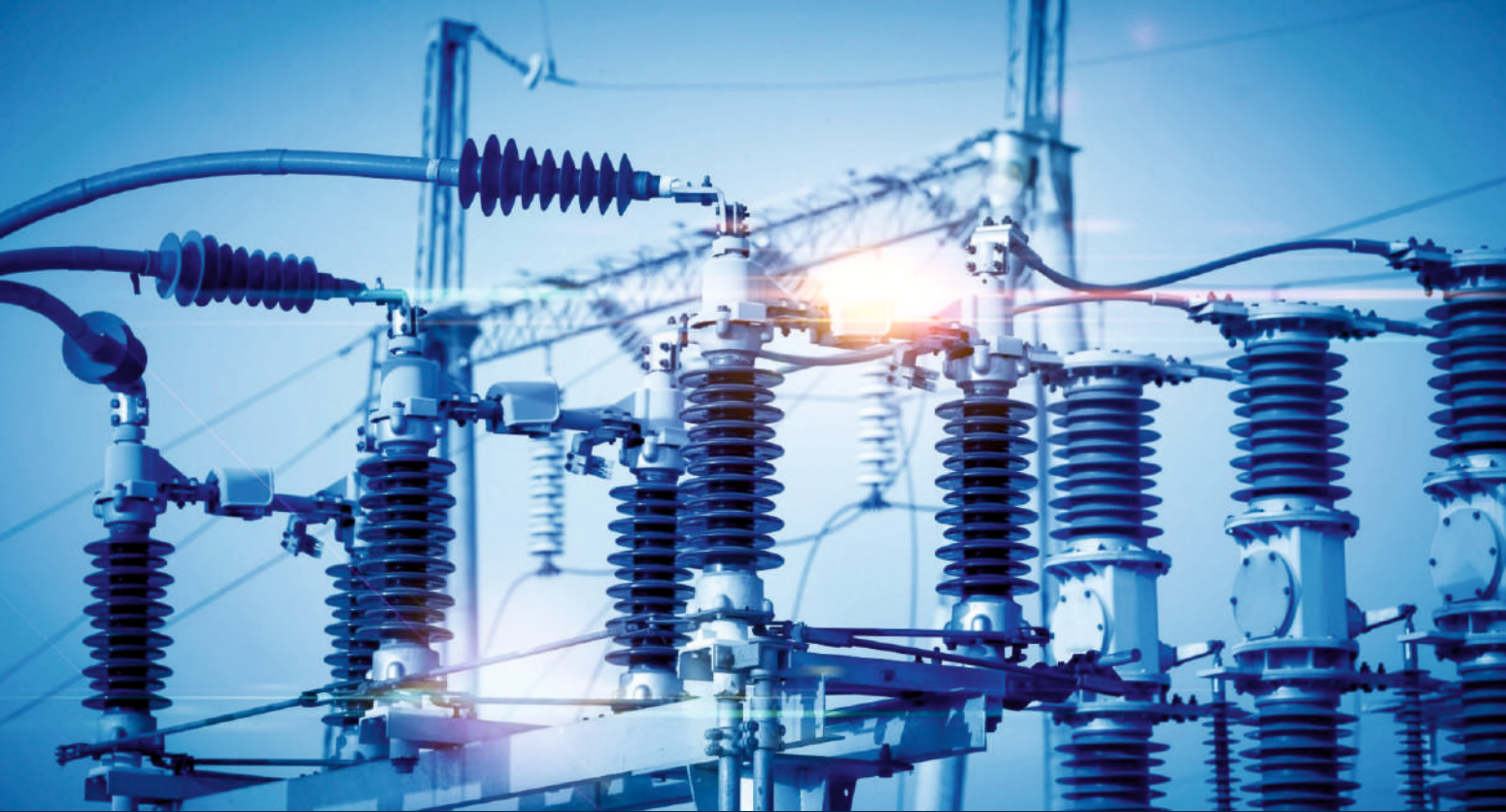
ELIGIBILITY CRITERIA

ITI/Diploma/B.tech/BE

TRAINING

*Optional

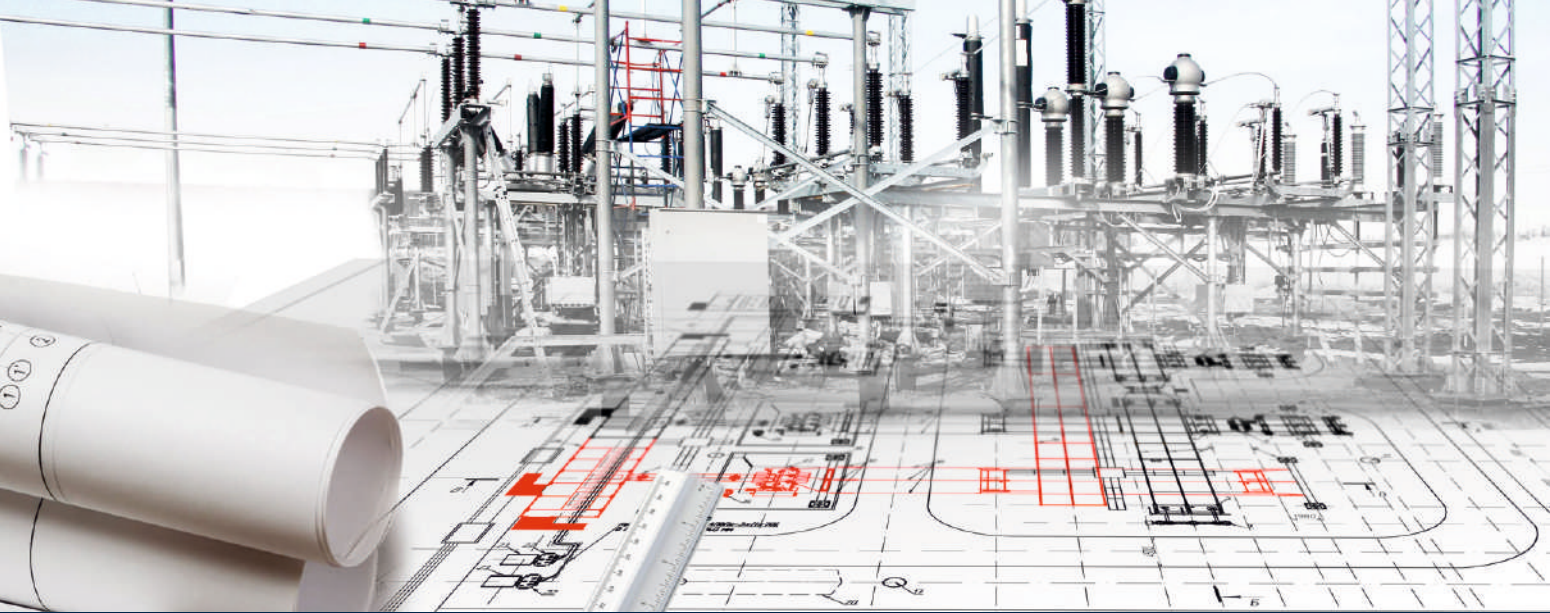




ELECTRICAL QA/QC

Our Electrical QA/QC Engineering program offers a challenging and lucrative career path for individuals with practical and scientific backgrounds. QA/QC engineers are equipped with the knowledge and skills to use measuring and diagnostic devices to adjust, test, and repair electrical equipment. They are pivotal in product evaluation and testing, adhering to quality manuals, procedures, and industry standards.

In our Academy, we are committed to advancing the frontiers of knowledge in Electrical Engineering and providing students with a stimulating and rewarding learning experience. Join us in pursuing a career that combines technical expertise and quality assurance, contributing to the ever-advancing field of electrical engineering.



ELECTRICAL QA/QC & ELECTRICAL DESIGNING

- ▶ Duties & Role of Electrical QC Engineer
- ▶ Indian & International Standards (IEC, DEWA, NEC)
- ▶ MV & LV Installation -Transformer, Cables, Generator, Motors & Switchgear
- ▶ Fault level calculation & Earthing design
- ▶ Lighting Protection
- ▶ Substation room Inspection
- ▶ Testing and Inspection of cables, Switchgear panel boards, earthing conductors & etc..
- ▶ Inspection & Test Plan (ITP)
- ▶ Fundamentals
- ▶ Wiring & Cable management systems
- ▶ Lighting management system
- ▶ Power distribution system
- ▶ House Wiring Designing
- ▶ Residential & Commercial buildings designing
- ▶ Transformer, DG, Busbar & Capacitor bank selection
- ▶ Preparation of BOQ
- ▶ Softwares

DURATION

1.5 Months

ELIGIBILITY CRITERIA

Electrical/ITI/Diploma/B.tech/BE

TRAINING

*Optional

DOMAIN SPECIALIZED ENGINEERING & MANAGEMENT CERTIFICATE PROGRAMS

PROGRAMS DESIGNED
FOR WORKING
PROFESSIONALS/
FRESHERS



Industrial Training
Placements

International Accreditation
Infrastructure

Eminent Faculty
Air Conditioned Classrooms

Wi Fi Campus
Hostel Facility




Blitz Academy

CORPORATE OFFICE - BANGALORE - 3rd Floor, No.48, 100 Feet Road, Near Sony Signal, 4th Block, Koramangala, Bangalore-560034

REGISTERED OFFICE - ERNAKULAM NORTH - 41/2553-D, 2nd Floor Metro Palace, Opp.North Railway Station, Ernakulam 602018

MG ROAD ERNAKULAM - Perumpillil Building, Mahatma Gandhi Rd, KPCC Junction, Opp Maharaja's Ground, Ernakulam, Kerala 682011

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