

**RIGHT CHOICE  
FOR BRIGHT  
FUTURE**



**Blitz Academy**



**KOCHI | CALICUT | BANGALORE**

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



# *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

## 8 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 - 15 Years)

## 8 Mr. EBY VARGHESE

OIL & GAS  
Level-II Mechanical Technology  
(Experience - 18 Years)

## 8 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 - 13 Years)

## 8 Mr. N SUNDARAKUMAR

Electrical QA/QC & MEP Engineering  
(Experience - 15 Years)

## 8 VARGHESE JOY

BE mechanical engineering  
(Experience - 10 Years)

## 8 LAKSHMI T P

SAP trainer in SAP MM, SAP FICO  
(Experience - 6 Years)

## 8 NEVIN THOMAS

Aircraft maintenance engineering- Scm/  
warehouse/Transportation  
(Experience - 12 Years)

## 8 Mrs. VINEETHA MOL K.V

Quantity Surveyor  
(Experience -11 Years)

## 8 Mr. MUKESH M G

Mechanical QA/QC Engineer  
(Experience - 13 Years)

## 8 Mrs. SABNAM A

Architect  
(Experience - 6 Years)

## 8 Mrs. SONIYA K

Diploma in BME, B.tech in electronics & communication  
EC Council - CEH, CPENT Certified  
(Experience - 6 Years)

## 8 ANEESH NAMBIYATH

Aircraft Maintenance Engineering, Air Cargo Logistics Specialist  
(Experience - 13 Years)

## 8 ANJU CV

Data Analyst, b tech electronics and communication  
(Experience - 5 Year)

## 8 LAKSHMI MADHU

MSC Data Science, Data scientist  
(Experience - 3 Year)

## 8 ATHIRA PA

Interior Designing  
(Experience - 6 Years)

## 8 AMRITHA R

Architect  
(Experience - 6 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.





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## **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
- ▶ 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**

**3 year Diploma/  
B Tech**

### **TRAINING**

**RIG TRAINING/  
OFFSHORE SAFETY  
TRAINING**

### **PLACEMENTS**

**OFFSHORE RIG /  
ONSHORE RIG**

# DIPLOMA IN OIL & GAS MANAGEMENT

- ▶ Drilling Technology
- ▶ HSE (Industrial Site Safety Awareness)
- ▶ NDT Level II
- ▶ Welding Inspection
- ▶ Piping & Pipeline Engineering
- ▶ Corporate skills and employability training

## DURATION

6 MONTHS

## ELIGIBILITY CRITERIA

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

## REFINERY TRAINING

Optional

## PLACEMENTS

REFINERY / POWER PLANT /  
OFFSHORE/ PETROCHEMICALS  
OIL & GAS INDUSTRIES/  
SHIP BUILDING

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# MECHANICAL QA QC ENGINEER

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.

## PIPING & PIPELINE ENGINEERING

## WELDING INSPECTION

## NDT LEVEL - II

### DURATION

3.5 MONTHS

### ELIGIBILITY CRITERIA

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

### REFINERY TRAINING

Optional

### PLACEMENTS

REFINERY / POWER PLANT /  
OFFSHORE/ PETROCHEMICALS  
OIL & GAS INDUSTRIES/  
SHIP BUILDING

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## NDT LEVEL - II

Refers to a qualified technician who is certified to perform and interpret non-destructive tests according to established procedures. They are responsible for setting up and calibrating equipment, conducting inspections, interpreting results, and reporting findings. NDT Level II personnel are also capable of guiding and supervising Level I technicians and ensuring compliance with testing standards.

### DURATION

1.5 MONTHS

### ELIGIBILITY CRITERIA

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

### REFINERY TRAINING

Optional

### PLACEMENTS

REFINERY / POWER PLANT /  
OFFSHORE/ PETROCHEMICALS  
OIL & GAS INDUSTRIES/  
SHIP BUILDING

#### ▶ VISUAL TESTING

#### ▶ ULTRASONIC TESTING

Corrosion Mapping | Lamination Test  
Weld Scanning | Probe Selection |  
Thickness Test

#### ▶ PENETRANT TESTING

Dye Penetrant Testing  
Fluorescent Penetrant Testing

#### ▶ RADIOGRAPHIC TESTING

X Ray Radiographic Testing | Gamma Ray Testing |  
Film Development | Radiation Safty

#### ▶ MAGNETIC PARTICLE TESTING

Visible Magnetic Particle Testing  
Fluorescent Testing  
Magnetic Particle Testing

#### ▶ Corporate skills and employability training



## 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.

Step into the future of logistics with Blitz Academy's cutting-edge AI-integrated Logistics and supply chain management courses. This program goes beyond traditional logistics—it equips you with the skills to navigate and optimize complex supply chains using Artificial Intelligence, automation, and real-time data analytics.



## CERTIFICATION PROGRAM IN

# LOGISTICS & SUPPLY CHAIN MANAGEMENT

- ▶ Logistics Fundamentals and Processes
- ▶ Planning for Logistics
- ▶ Supply Chain Modeling & Design
- ▶ Corporate skills and employability training

**DURATION**

**3 MONTHS**

**ELIGIBILITY CRITERIA**

**Plus Two,  
Any Graduation**



## ADVANCED DIPLOMA IN AI INTEGRATED LOGISTICS & SUPPLY CHAIN MANAGEMENT

- ▶ Logistics fundamentals and processes
- ▶ Accounting in logistics & supply chain sector
- ▶ Planning for logistics
- ▶ Supply chain modeling & design
- ▶ Lean supply chain management
- ▶ SAP – MM (Material Management)
- ▶ Corporate skills and employability training

**DURATION**

**6 MONTHS**

**ELIGIBILITY CRITERIA**

**Plus Two,  
Any Graduation**

**INTERNSHIP**

**INDUSTRIAL VISIT**

**PLACEMENTS**



**DURATION**

**1 year**

**ELIGIBILITY CRITERIA**

**Plus Two,  
Any Graduation**

**INTERNSHIP**

**INDUSTRIAL VISIT**

**PLACEMENTS**

**PROFESSIONAL DIPLOMA / POST GRADUATE CERTIFICATE PROGRAM - PGCP**

## **AI INTEGRATED LOGISTICS & SUPPLY CHAIN MANAGEMENT**

- ▶ Logistics fundamentals and processes
- ▶ Planning for logistics
- ▶ Supply chain modeling & design
- ▶ Accounting in logistics and supply chain sector
- ▶ Lean supply chain management
- ▶ Business Policy & Strategy
- ▶ Supply chain simulation
- ▶ Logistics Strategy
- ▶ SAP – MM (Material Management)  
SAP – WM (Warehouse Management)
- ▶ Power BI – Microsoft Certification
- ▶ Certificate in Air Cargo Management
- ▶ Corporate skills and employability training



**Microsoft | UPES**

**Certified Course**



## 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 HACKER



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
- ▶ Corporate skills and employability training
- ▶ 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

## DURATION

1 / 3 months

## ELIGIBILITY CRITERIA

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

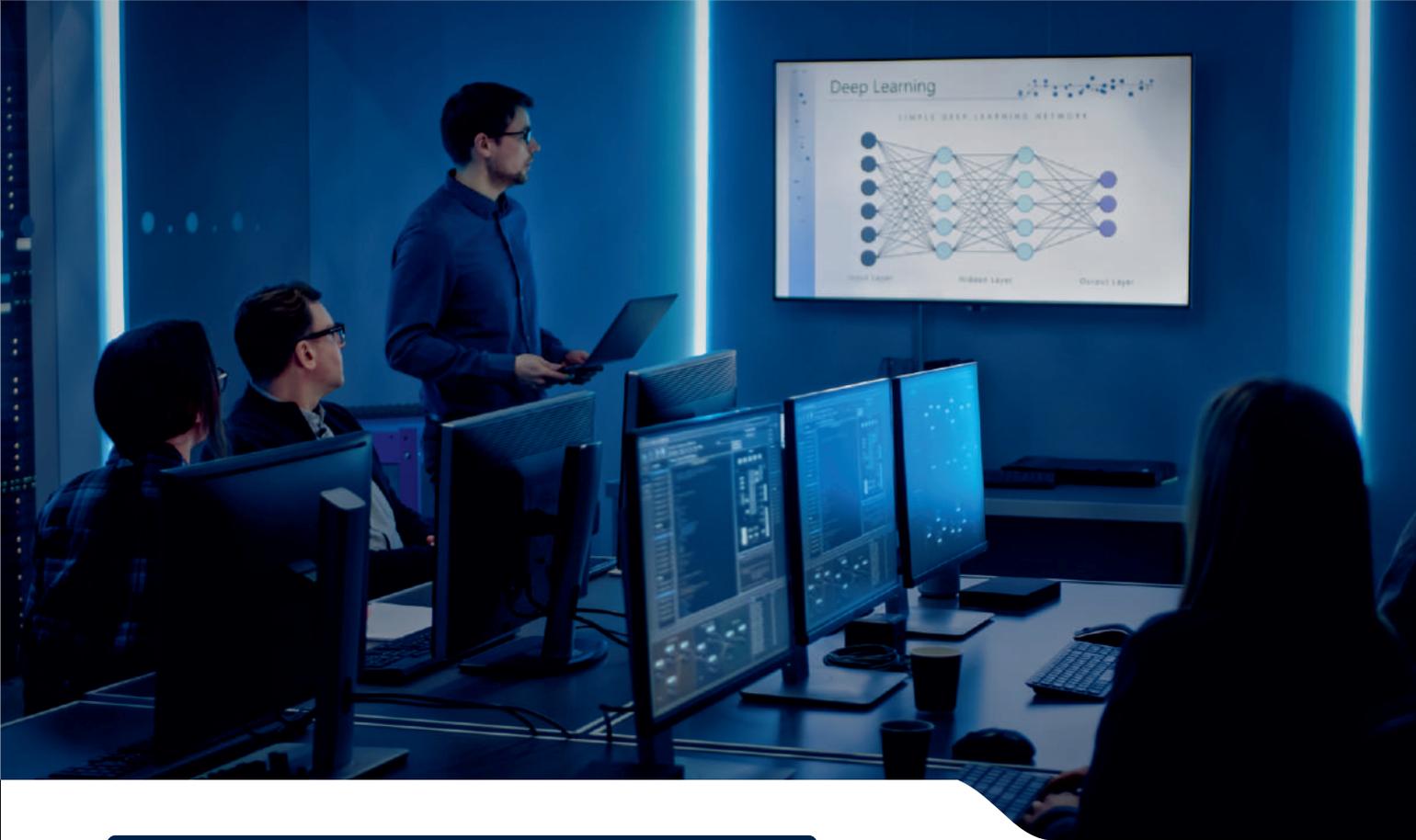
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## DIPLOMA IN CYBER SECURITY

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.

### DURATION

6 Months

### ELIGIBILITY CRITERIA

Plus Two, Degree  
Diploma, B Tech

### INTERNSHIP

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- ▶ 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
- ▶ Corporate skills and employability training

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**Certified Ethical Hacker**



**Certified Penetration Testing Professional**

# 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, B Tech

## INTERNSHIP

## PLACEMENTS

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**CEH**  
Certified Ethical Hacker**Certified Ethical Hacker (CEH)****CSA**  
Certified SOC Analyst**Certified Soc Analyst****CPENT**  
Certified Penetration Testing Professional**Certified Penetration Testing Professional****LPT**  
MASTER**Licensed Penetration Tester (master)**

- ▶ Introduction to Ethical Hacking
- ▶ Scanning Networks
- ▶ Vulnerability Analysis
- ▶ Malware Threats
- ▶ Social Engineering
- ▶ Session Hijacking
- ▶ Hacking Web Servers
- ▶ SQL Injection
- ▶ Hacking Mobile Platforms
- ▶ Cloud Computing
- ▶ Introduction to Penetration Testing
- ▶ Network Penetration Testing
- ▶ Wireless Penetration Testing
- ▶ OT/SCADA Penetration Testing
- ▶ Binary Analysis and Exploitation
- ▶ Network Attacks and Defense Strategies
- ▶ Technical Network Security
- ▶ Endpoint Security- Windows Systems/ IoT Devices/ Linux Systems/ Mobile Devices
- ▶ Data Security
- ▶ Introduction to Soc Analyst
- ▶ Understanding Cyber Threats, IoCs, and Attack Methodology
- ▶ Incident Detection with Security Information and Event Management (SIEM)
- ▶ Foot printing and Reconnaissance
- ▶ Enumeration
- ▶ System Hacking
- ▶ Sniffing
- ▶ Denial-of-Service
- ▶ Evading IDS, Firewalls, and Honeypots
- ▶ Hacking Web Applications
- ▶ Hacking Wireless Networks
- ▶ Iot and OT Hacking
- ▶ Cryptography
- ▶ Penetration Testing Scoping and Engagement
- ▶ Web Application Penetration Testing
- ▶ Iot Penetration Testing
- ▶ Cloud Penetration Testing
- ▶ Report Writing and Post Testing Actions
- ▶ Administrative Network Security
- ▶ Network Perimeter Security
- ▶ Administrative Application Security
- ▶ Enterprise Virtual Network Security/ Cloud Network Security/ Wireless Network Security
- ▶ Security Operations and Management
- ▶ Incidents, Events, and Logging
- ▶ Enhanced Incident Detection with Threat Intelligence
- ▶ Incident Response
- ▶ Corporate skills and employability training



## CYBER FORENSIC

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.



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## 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

6 Months

### ELIGIBILITY CRITERIA

Plus Two, Degree  
Diploma, B Tech

### INTERNSHIP

PLACEMENTS

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- ▶ Introduction to ethical hacking
- ▶ Scanning networks
- ▶ Vulnerability analysis
- ▶ Malware threats
- ▶ Social engineering
- ▶ Session Hijacking
- ▶ Hacking Web Servers
- ▶ SQL Injection
- ▶ Hacking Mobile Platforms
- ▶ Cloud Computing
- ▶ Introduction to Cyber Forensics Digital Forensics Techniques
- ▶ Network Forensics
- ▶ Legal and Ethical Considerations
- ▶ Chain of Custody and Evidence Handling
- ▶ Malware Analysis and Reverse Engineering
- ▶ Emerging Trends in Cyber Forensics
- ▶ Foot printing & reconnaissance
- ▶ Enumeration
- ▶ System hacking
- ▶ Sniffing
- ▶ Denial of service
- ▶ Evading IDS, Firewalls & Honeypots
- ▶ Hacking Web Applications
- ▶ Hacking Wireless Networks
- ▶ IOT & OT Hacking
- ▶ Cryptography
- ▶ Incident Response and Handling
- ▶ Computer and Mobile Device Forensics
- ▶ Cybercrime Categories
- ▶ Cyber Forensic Tools and Technologies
- ▶ Courtroom Procedures and Expert Testimony
- ▶ Case Studies and Practical Labs
- ▶ Corporate skills and employability training



**Certified Ethical Hacker**



**Computer Hacking Forensic Investigator**

# 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



Certified Ethical Hacker (CEH)



Certified Ethical Hacker (Master)



Certified Penetration Testing Professional



Licensed Penetration Testing



Computer Hacking Forensic Investigator (CHFI)

## DURATION

1 Year

## ELIGIBILITY CRITERIA

Plus Two, Degree  
Diploma, B Tech

## INTERNSHIP

## PLACEMENTS

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GERMAN CERTIFICATION

- ▶ Introduction to Ethical Hacking
- ▶ Foot printing and Reconnaissance
- ▶ Scanning Networks
- ▶ Enumeration
- ▶ Vulnerability Analysis
- ▶ System Hacking
- ▶ Malware Threats
- ▶ Sniffing
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- ▶ Hacking Mobile Platforms
- ▶ IoT and OT Hacking
- ▶ Cloud Computing
- ▶ Cryptography
- ▶ Introduction to Penetration Testing
- ▶ Penetration Testing Scoping and Engagement
- ▶ Open Source Intelligence OSINT)
- ▶ Corporate skills and employability training
- ▶ 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



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## DATA SCIENCE WITH MACHINE LEARNING

The “Certified Data Science” course lets you gain proficiency in Data Science. It is a high-level program designed to cover all aspects of data science with core concepts over the span of 1 year. Data Science is one of the most happening fields in business today, creating a higher number of career opportunities. The course includes comprehensive realms such as Statistics, Machine Learning, Programming/Data Skills, and Business Domain knowledge. Covering all the key areas of Data Science, this course helps you achieve a solid grip on the field.



Microsoft



**Certified Course**



## PROFESSIONAL DIPLOMA IN DATA SCIENCE & ARTIFICIAL INTELLIGENCE

This comprehensive 12-month Data Science with Machine Learning course is designed for aspiring data professionals who want to gain practical and theoretical expertise in data analysis, machine learning, business intelligence, and programming. The course includes hands-on training with industry-standard tools such as SQL, Python, and Power BI, along with preparation for globally recognized certifications from IBM and Microsoft. Upon successful completion, students will also receive an Academic Certificate of Completion issued by the training institute or university.



**Certified Course**

**DURATION**

**1 Year**

**ELIGIBILITY CRITERIA**

**Plus Two, Degree  
Diploma, B Tech**

**INTERSHIP**

**PLACEMENTS**

▶ **PYTHON PROGRAMMING**

- ▶ Data types, operators, loops, functions
- ▶ Object-oriented programming (oops)

▶ **DATA ANALYSIS**

- ▶ Statistics
- ▶ Hands-on with numpy, pandas
- ▶ Data visualization using matplotlib & seaborn
- ▶ Exploratory data analysis (EDA)
- ▶ Web scraping

▶ **TABLEAU and POWER BI**

▶ **SQL**

▶ **MACHINE LEARNING**

- ▶ Supervised learning: regression, classification (KNN, SVM, decision trees, etc.)
- ▶ Ensemble methods: random forest, boosting

- ▶ Model evaluation techniques

- ▶ Unsupervised learning: clustering (k-means, DBSCAN)

▶ **PROJECT IMPLEMENTATION**

- ▶ Deep learning
- ▶ Neural networks: ANN, CNN, RNN
- ▶ Transfer learning, generative adversarial networks (gans)
- ▶ NLP -text processing, vectorization techniques, sentiment analysis

- ▶ Computer vision

▶ **INTRODUCTION TO GENERATIVE AI**

- ▶ Transformers and hugging face ecosystem
- ▶ Introduction to langchain
- ▶ RAG systems

▶ **CORPORATE SKILLS AND EMPLOYABILITY TRAINING**





## DIPLOMA IN DATA SCIENCE & ARTIFICIAL INTELLIGENCE

This 6-month intensive Data Science and Machine Learning course is designed to build strong foundational and practical skills in data analysis, programming, machine learning, and business intelligence. Learners will be trained in industry-standard tools like Python, SQL, and Power BI, and complete real-world projects that prepare them for immediate entry into data-driven roles. The course includes international certifications from IBM and Microsoft, along with a recognized Academic Certificate from the training institute or affiliated academic partner.



Microsoft



**Certified Course**

**DURATION**

**6 MONTHS**

**ELIGIBILITY CRITERIA**

**Plus Two, Degree  
Diploma, B Tech**

**INTERSHIP**

**PLACEMENTS**

## ▶ PYTHON PROGRAMMING

- ▶ Data types, operators, loops, functions
- ▶ Object-oriented programming (oops)

## ▶ DATA ANALYSIS

- ▶ Statistics
- ▶ Hands-on with numpy, pandas
- ▶ Data visualization using matplotlib & seaborn
- ▶ Exploratory data analysis (EDA)

## ▶ POWER BI

## ▶ SQL

## ▶ MACHINE LEARNING

- ▶ Supervised learning: regression, classification (KNN, SVM, decision trees, etc.)

- ▶ Ensemble methods: random forest, boosting
- ▶ Model evaluation techniques
- ▶ Unsupervised learning: clustering (k-means, DBSCAN)

## ▶ PROJECT IMPLEMENTATION

- ▶ Deep learning
- ▶ Neural networks: ANN, CNN, RNN
- ▶ Transfer learning, generative adversarial networks (gans)
- ▶ NLP -text processing, vectorization techniques, sentiment analysis

## ▶ CORPORATE SKILLS AND EMPLOYABILITY TRAINING





## PROFESSIONAL CERTIFICATE PROGRAM IN DATA ANALYTICS

**DURATION**

**3 MONTHS**

**ELIGIBILITY CRITERIA**

**Plus Two, Degree  
Diploma, B Tech**

Data analytics is a key driver of informed decision-making and business success in today's data-driven world. By pursuing an online degree in data analytics with Roehampton, you'll gain access to advanced modules, real-world case studies, and expert insights that will equip you with the skills to thrive in various sectors, from business and marketing to technology and healthcare. Whether you're starting your journey or looking to up skill, our flexible online programs some of which can be completed in as little as 3 months allow you to balance learning with other commitments. This ensures you are well-prepared to leverage data for strategic decision-making and innovation, helping you achieve your career goals in this rapidly evolving field.

 **Microsoft**  
**Certified Course**

▶ **PYTHON PROGRAMMING**

- ▶ Data types, operators, loops, functions
- ▶ Object-oriented programming (oops)

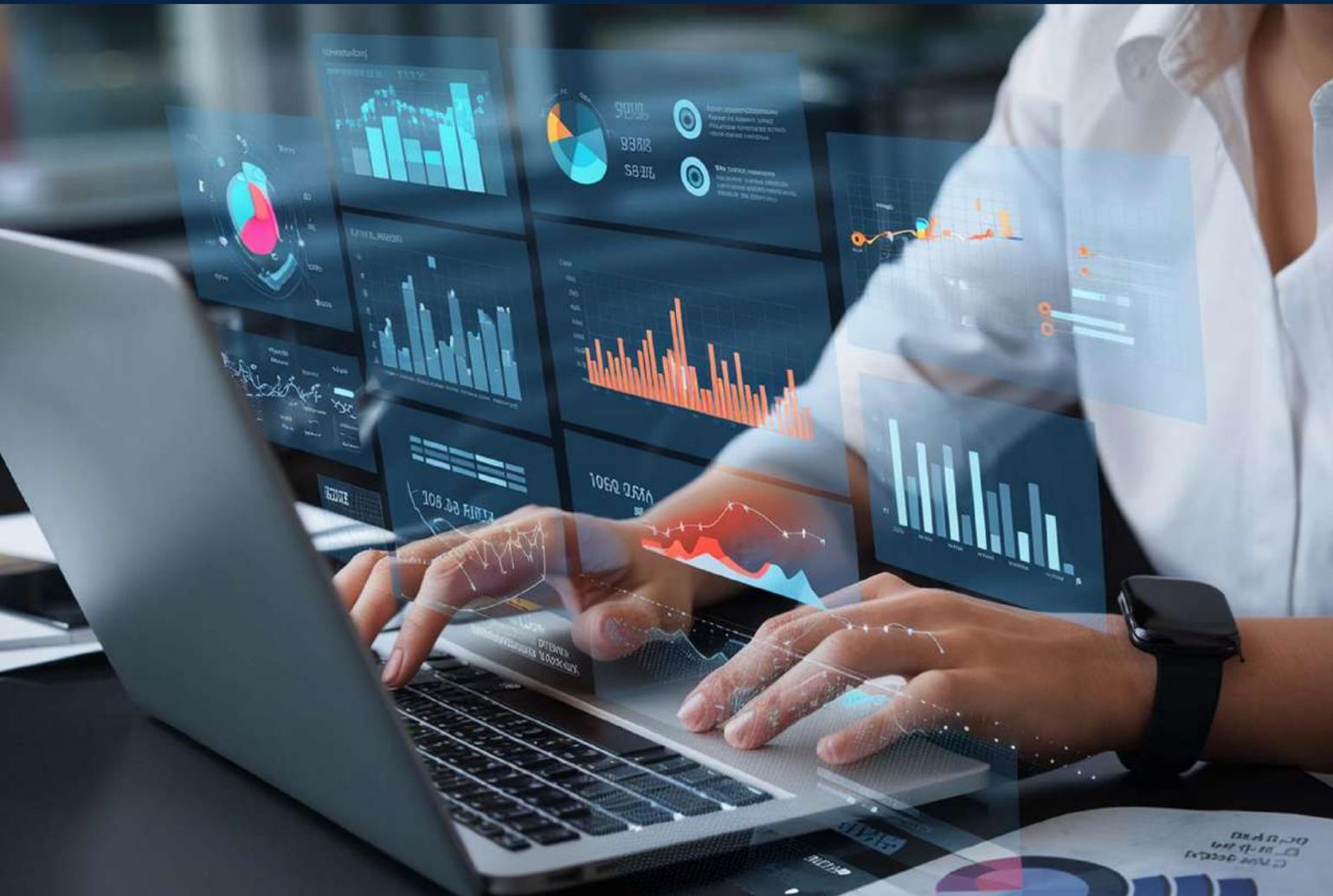
▶ **POWER BI**

▶ **SQL**

▶ **CORPORATE SKILLS AND EMPLOYABILITY TRAINING**

▶ **DATA ANALYSIS**

- ▶ Statistics
- ▶ Hands-on with numpy, pandas
- ▶ Data visualization using matplotlib & seaborn
- ▶ Exploratory data analysis (EDA)





## PYTHON FULL STACK DEVELOPMENT

**DURATION**

**6 MONTHS**

**ELIGIBILITY CRITERIA**

**Plus Two, Degree  
Diploma, B Tech**

**INTERNSHIP**

**PLACEMENTS**

Blitz Academy offers a 6-month Python Full-Stack Development course designed to prepare students for dynamic careers in web and software development. This in-depth program covers both front-end and back-end technologies, including HTML, CSS, JavaScript, Python, Django, databases, and more. With hands-on projects and real-world applications, students gain practical experience in building complete, responsive web applications. Ideal for beginners and tech enthusiasts, this course provides the skills and confidence needed to succeed in the fast-growing tech industry.

**IBM**<sup>®</sup>

**Certified Course**

- ▶ Understanding HTML4 & HTML5
- ▶ Introduction to CSS 3
- ▶ Bootstrap
- ▶ Javascript Types
- ▶ Jquery and jQuery UI
- ▶ Python

- ▶ Basic OOPs Concept
- ▶ Introduction to NoSQL & MongoDB
- ▶ Django Web Framework
- ▶ Data Modeling And Model Tree Structures
- ▶ Database Management
- ▶ Corporate skills and employability training





## PYTHON

Offers a more in-depth, hands-on learning experience covering core programming, object-oriented concepts, web development (using Django or Flask), and introductory data science or automation. This comprehensive training prepares students for real-world projects and job roles such as Python Developer, Web Developer, Automation Engineer, or Junior Data Analyst. With Python's strong demand across tech, finance, healthcare, and startups, this course can lead to high-paying careers starting at \$70,000+ annually. As one of the most fast-growing and future-proof skills, Python opens the door to a wide range of opportunities in today's digital job market.

**DURATION**

**3 MONTH**

**ELIGIBILITY CRITERIA**

**Plus Two, Degree  
Diploma, B Tech**



**Certified Course**

- ▶ History of Python and features of Python
- ▶ Install and Environment Setup – Windows and Linux
- ▶ Data Types – Numbers ,string,List,Tuple, Dictionary and Data Type Conversion
- ▶ Input and Output in Python - Reading and writing text files,Writing Text Files,Appending to Files,Writing Binary Files Manually
- ▶ Control statements - IF Statement,IF...ELIF...ELSE Statements, Nested IF Statements
- ▶ Loop - while Loop Statements ,for Loop Statements , Nested loops ,Loop Control Statements ,break statement,continue Statement ,pass Statement,Iterator and Generator
- ▶ "Exceptions - Errors in Python,Compile-Time Errors, Runtime Errors,Logical Errors.What is Exception?, Handling an exception,try....except...else,try-finally clause."
- ▶ Corporate skills and employability training





## INTERIOR DESIGNING

Cooperation partner  
of TÜV SÜD



**GERMAN CERTIFICATION**

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
  - ▶ Corporate skills and employability training

**DURATION**

**3 MONTH**

**ELIGIBILITY CRITERIA**

**Plus Two, Degree  
Diploma, B Tech**

**INTERNSHIP**

**PLACEMENTS**

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**GERMAN CERTIFICATION**



Cooperation partner  
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**GERMAN CERTIFICATION**

## 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/ B tech/ B Arch**

### INTERNSHIP

**PLACEMENTS**

- ▶ Software Training
- ▶ Minor Project
- ▶ Model Making
- ▶ Seminars & Presentation
- ▶ Corporate skills and employability training
- ▶ Building & Material Study



GERMAN CERTIFICATION

## 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

<b>DURATION</b>	<b>ELIGIBILITY CRITERIA</b>	<b>INTERNSHIP</b>
<b>1 Year</b>	<b>Any Graduation</b>	<b>PLACEMENTS</b>

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

# 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 QUANTITY SURVEYING

A practical course covering Building Estimation, Rate Analysis, Bar Bending Schedule (BBS), and basics of Road and Bridge works. Ideal for civil engineering students and professionals to gain hands-on skills in quantity surveying.

- ▶ Building estimation
- ▶ Rate analysis
- ▶ Barbending shedule
- ▶ Estimation of Roads/ Bridges/ RCC Items
- ▶ Estimation of Miscellaneous Items
- ▶ Corporate skills and employability training

### DURATION

**1.5 MONTH**

### ELIGIBILITY CRITERIA

**Civil ITI/ Diploma  
B.tech/ BE**

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**GERMAN CERTIFICATION**



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of TÜV SÜD



**GERMAN CERTIFICATION**

## ADVANCED CERTIFICATION IN CIVIL QUANTITY SURVEYING

An Advanced Certification in Civil Quantity Surveying is a specialized program designed to equip professionals with in-depth knowledge and practical skills in estimating, measuring, and managing costs related to civil engineering projects. The course focuses on quantity take-offs, material estimation, budgeting, and cost control, enabling participants to effectively manage project finances and ensure efficient resource utilization in construction works.

- ▶ Gcc based project
- ▶ Building estimation
- ▶ Rate analysis (BoQ)
- ▶ Barbending schedule
- ▶ Road and bridges
- ▶ Site management and project management
- ▶ Corporate skills and employability training

**DURATION**

**3 MONTHS**

**ELIGIBILITY CRITERIA**

**Civil ITI/ Diploma  
B.tech/ BE**

**PLACEMENTS**

# PROFESSIONAL DIPLOMA IN CIVIL QUANTITY SURVEYING

A Professional Diploma in Quantity Surveying (GCC-based) provides comprehensive training in essential aspects of construction management, including building estimation, rate analysis (BoQ), bar bending schedules, and the management of road and bridge projects. It covers key skills such as project management, time scheduling, planning, progress tracking, and the ability to handle multiple projects simultaneously. The program is specifically tailored to meet the standards and demands of the Gulf construction industry, preparing professionals for successful careers in the region's dynamic construction sector.

**DURATION**

**6 MONTHS**

**ELIGIBILITY CRITERIA**

**Civil ITI/ Diploma  
B.tech/ BE**

**PLACEMENTS**

- ▶ Gcc based project
- ▶ Rate Analysis (BoQ)
- ▶ Road and bridges
- ▶ Time shedule
- ▶ Progress tracking
- ▶ Building estimation
- ▶ Bar bending schedule
- ▶ Project management
- ▶ Project scheduling and planning
- ▶ Multiple project Handling
- ▶ Corporate skills and employability training

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**GERMAN CERTIFICATION**



# Google Reviews

J

**JAMES FRANCIS**



I successfully completed my oil and gas rig technology. They treated me as a family member, not as student. Conna miss you chechizz 🥰. Feel so proud 🥰 I selected Blitz academy as my future option.

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

S

**SAFNA MUJEEB**



I am Sabana. I joined Blitz Academy to take a Three-month training program in Electrical QA/QC. After completing the course, I got placed at Electrical Contracting Company. Thank you Blitz Academy.

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

A

**ASHIK APSAR**



I am . I joined Blitz Academy to take a six-month training program in Logistics and Supply chain Management. After completing the course, They arranged internship for me at Freight forwarding company, Trivandrum. Thank you Blitz Academy for the helpful guidance

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

A

**ARSHAD**



The best learning experience in my life I am having the best experience studying for Interior Design because each module has been so enriching, intense and creative. I feel really accomplished on how much progress I have made thanks to the support of my tutor Naina Miss

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

M

**MUHAMMED ASLAM ASHRAF**



Excellent hospitality,100% placement. I completed diploma oil and gas rig technology at January 2023. Now I got oil rig placement in Abudhabi oil company. I think Blitz is #1 institute in Kerala for oil and gas course.

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

A

**ASHIF K**



Happy to share that I got placed in Mumbai as NDT Technician. I would recommend Blitz Academy to anyone who is contemplating joining the institution. No need to think twice. I joined the 6 month OI and Gas training program at Blitz Academy. The faculties of Blitz Academy is highly Experienced, Knowledgeable, competent and motivated to bring out the best in you. And 100% placement guaranteed. I wish all Success to the team.  
[www.blitzacademy.org](http://www.blitzacademy.org)

# 5.0



(1500+ Ratings)

# TALENT UNVEILED



## OUR ACHIEVEMENT



## BEST EDUCATIONAL INSTITUTION AWARDS

"This prestigious award is a testament to our dedication and excellence. As the Best Educational Institution, we've set a new standard, inspiring others and cementing our reputation as a beacon of academic excellence."

# LEARNING IN ACTION & INSIGHT FOR SUCCESS





# 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

**CALICUT** - 6th Floor, Holiday City Centre, Bank Rd, Mavoor Road Junction, Opp. Kurishupally, Calicut, Kerala 673004

 **+91 9061 106 007, 8129910995**

 [info@blitzacademy.org](mailto:info@blitzacademy.org)

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

