



NIRWANA IT INSTITUTION

A HAPPY PLACE TO LEARN

CONTACT US

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Nirwana IT Institution
Yelahanka New Town
Bengaluru - 560001

Harnessing one's
potential through
superior education
and values formation.



ABOUT US

Welcome to Nirwana Institution, your premier destination for mastering Computer-Aided Design (CAD) and related technologies, we have been at the forefront of CAD education, equipping individuals with the skills necessary to thrive in today's design and engineering fields.

At Nirwana Institution we offer a comprehensive range of courses tailored to meet the diverse needs of students and professionals alike. Whether you are just starting your journey in CAD or looking to expand your expertise, our expert instructors are here to guide you every step of the way. Our state-of-the-art facilities provide a conducive learning environment, complete with the latest software and equipment. We believe in hands-on, practical learning experiences that prepare our students for real-world challenges.



ACTIVITIES

Activities at a NIRWANA encompass a diverse range of offerings aimed at equipping students and professionals with essential skills in computer-aided design. These include comprehensive training courses covering various CAD software applications like AutoCAD, SolidWorks, and Revit, etc, spanning from introductory to advanced levels. Practical, project-based learning forms a cornerstone, enabling hands-on experience in real-world design scenarios and more.

MISSION

Our mission at the NIRWANA is to empower individuals with the knowledge and skills necessary to excel in the dynamic field of computer-aided design. Through innovative and industry-relevant training programs, we aim to cultivate a community of proficient CAD professionals who are equipped to meet the evolving demands of global industries. We are committed to providing a supportive learning environment that fosters creativity.

FACULTY

The faculty at a NIRWANA comprises seasoned professionals and experts with extensive industry experience and a deep understanding of computer-aided design technologies. They are dedicated instructors who bring practical knowledge and theoretical expertise into the classroom, ensuring students receive comprehensive guidance. Many faculty members hold advanced degrees in engineering or related disciplines, and some maintain active roles in industry projects, contributing to the latest advancements in CAD.

VISION

Our vision at the NIRWANA is to be recognized as a global leader in computer-aided design education and innovation. We aspire to pioneer advancements in CAD technologies and methodologies, shaping the future of design across industries. By fostering a culture of continuous learning and collaboration, we aim to empower our community to push the boundaries of creativity and efficiency in design. Through strategic partnerships, research endeavors, and cutting-edge curriculum development, we envision equipping individuals with the skills and insights needed to thrive in a digitally-driven world, driving transformative change and making a positive impact on society.



OFFERED COURSES

- ✦ C & C++
- ✦ Front End Web Development
- ✦ Back End Web Development
- ✦ Java Development
- ✦ Python Development
- ✦ Java Full Stack
- ✦ Python Full Stack
- ✦ Database Management
- ✦ HTML, CSS, Javascript, Bootstrap and Frameworks
- ✦ Digital Marketing



C & C++

1. Introduction to C and C++
2. Key Features
3. Syntax and Basics
4. Functions
5. Object-Oriented Programming (C++)
6. Memory Management
7. Advanced Concepts
8. Standard Libraries
9. Differences Between C and C++
10. Project on C & C ++



FRONT END WEB DEVELOPMENT

1. Key Technologies : HTML, CSS & JS
2. Essential Front-End Technologies and Tools
3. Front-End Development Frameworks and Libraries
4. Tools for Front-End Development
5. Front-End Development Workflow
6. JavaScript (Behavior)
7. JavaScript Libraries and Frameworks
8. Best Practices in Front-End Development
9. Resources for Learning Front-End Development
10. Project on Front End Web Development



BACK END WEB DEVELOPMENT

1. Introduction to Key Technologies
2. Key Components of Back-End Development
3. Back-End Development Languages
4. Web Frameworks
5. Databases in Back-End Development
6. RESTful APIs and Web Services
7. Authentication and Authorization
8. Tools and Libraries for Back-End Development
9. Best Practices in Back-End Development
10. Project on Back End Web Development



JAVA DEVELOPMENT

1. Introduction to Java
2. Key Features of Java
3. Setting Up Java Development Environment
4. Java Syntax and Basic Concepts
5. Object-Oriented Programming (OOP) in Java
6. Java Collections
7. Exception Handling
8. Java Development Tools
9. Best Practices in JAVA
10. Project on Java Development



PYTHON DEVELOPMENT

1. Introduction to Python
2. Key Features of python
3. Setting Up Python Development Environment
4. Python Syntax and Basic Concepts
5. Functions in Python
6. Object-Oriented Programming (OOP) in Python
7. Python Collections
8. Exception Handling
9. Working with Files
10. Python Libraries and Frameworks
11. Project on Python Development



JAVA FULL STACK WEB DEVELOPMENT

1. Introduction to Java full stack web development
2. Tools and Technologies in Java Full Stack Development
3. Full Stack Development Workflow with Java
4. Full Stack Java Web Development Flow
5. Deployment and DevOps
6. Front-End Development
7. Back-End Development
8. Integrating Front-End and Back-End:
9. Database Management:
10. Project on Java Full Stack Web Development



PYTHON FULL STACK WEB DEVELOPMENT

1. Introduction to Python full stack web development
2. Tools and Technologies in Python Full Stack Development
3. Django (for Full-Stack Development)
4. Flask (for Full-Stack Development)
5. Admin Interface
6. Front-End Development
7. Back-End Development
8. Integrating Front-End and Back-End:
9. Database Management:
10. Project on Python Full Stack Web Development



DATABASE MANAGEMENT

1. Introduction to Database Management
2. Types of Databases
3. Database Design
4. Database Operations (CRUD)
5. Database Transactions
6. Database Security
7. Database Backup and Recovery
8. Performance Optimization
9. Database Management Tools
10. Project on Database Management



DIGITAL MARKETING

1. Introduction to Digital Marketing
2. Key Components of Digital Marketing
3. Digital Marketing Strategies
4. Digital Marketing Tools
5. Measuring Digital Marketing Success
6. Best Practices in Digital Marketing
7. Project on Digital Marketing

- **Hands on experience**
- **Experienced Trainers**
- **ISO Certificate**
- **Real time Projects**

For more information kindly visit our centre
📍 **Nirwana IT Institution Yelahanka New Town**
Landmark - Agarwal Eye Hospital
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