

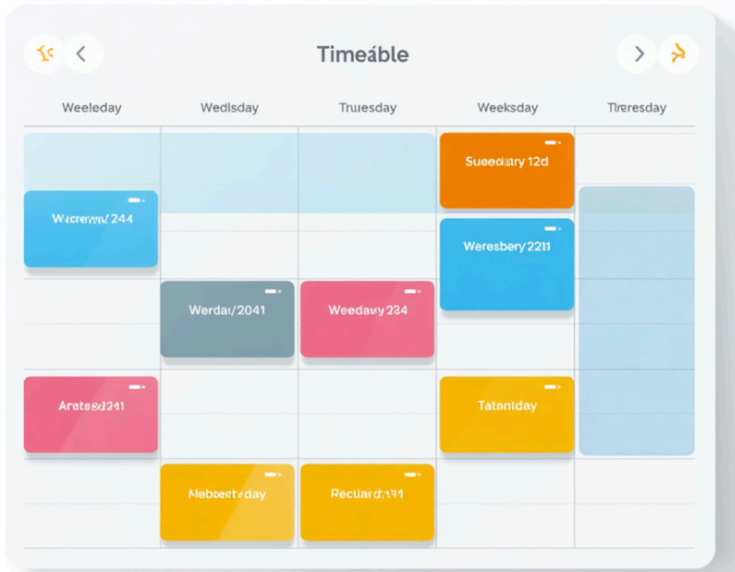
Classic Learn

Robotics, IoT & AI Professional Program

Learn Today... Build Tomorrow... Lead the Future!

Enroll now

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Program Schedule & Mode

📡 **Mode:** Live Online Classes
📅 **Weekdays (Mon, Wed & Fri):** 1 Hour/Class
🗓️ **Weekends (Sat & Sun):** 1.5 Hours/Class

📚 **Monthly Structure:**
- **Weeks (1–3) class:** Teaching & Live Sessions
- **Week 4 class:** Projects, Assignments, Assessments & Doubt Solving

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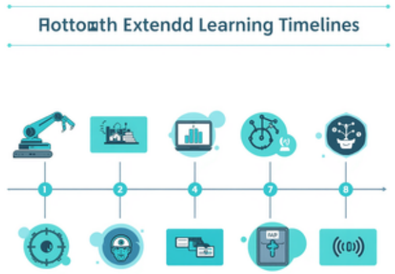
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Program Options at a Glance



6-Month Advanced Program

Price: ₹25,000
Covers Electronics, Arduino, Sensors, IoT, AI & Smart Robotics Integration.



9-Month Pro Advanced Program

Price: ₹45,000
Includes all 6-Month content plus Advanced IoT, Industrial Robotics & AI Automation.



Key Differences

Duration, depth of projects, industry focus, and advanced module coverage differ between the two programs.



Pricing & Value

6-Month: ₹25,000
9-Month: ₹45,000
Both offer live classes, hands-on projects & career guidance.

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Months 1 & 2 Syllabus

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Month 1: Basic Electronics

Intro to Robotics, Electricity Fundamentals, Voltage, Current & Resistance, Breadboard, Circuits, Multimeter, LED & Switch Projects.

Key Electronics Topics

Electronic Components, Breadboard Wiring, Circuit Design, Resistors, Capacitors, Diodes & Transistors.

Month 2: Arduino Programming

Arduino IDE, Logic & Flowcharts, C/C++ Basics, Digital & Analog I/O, Sensors Integration, Mini Projects.

Key Arduino Topics

Sensor Interfacing, PWM Control, Serial Communication, Hands-on Mini Robotics Projects.



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Months 3 & 4

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Sensors & Robotics

Ultrasonic & IR Sensors, Servo & DC Motors, Motor Driver, Bluetooth Module.

Robot Assembly & Control

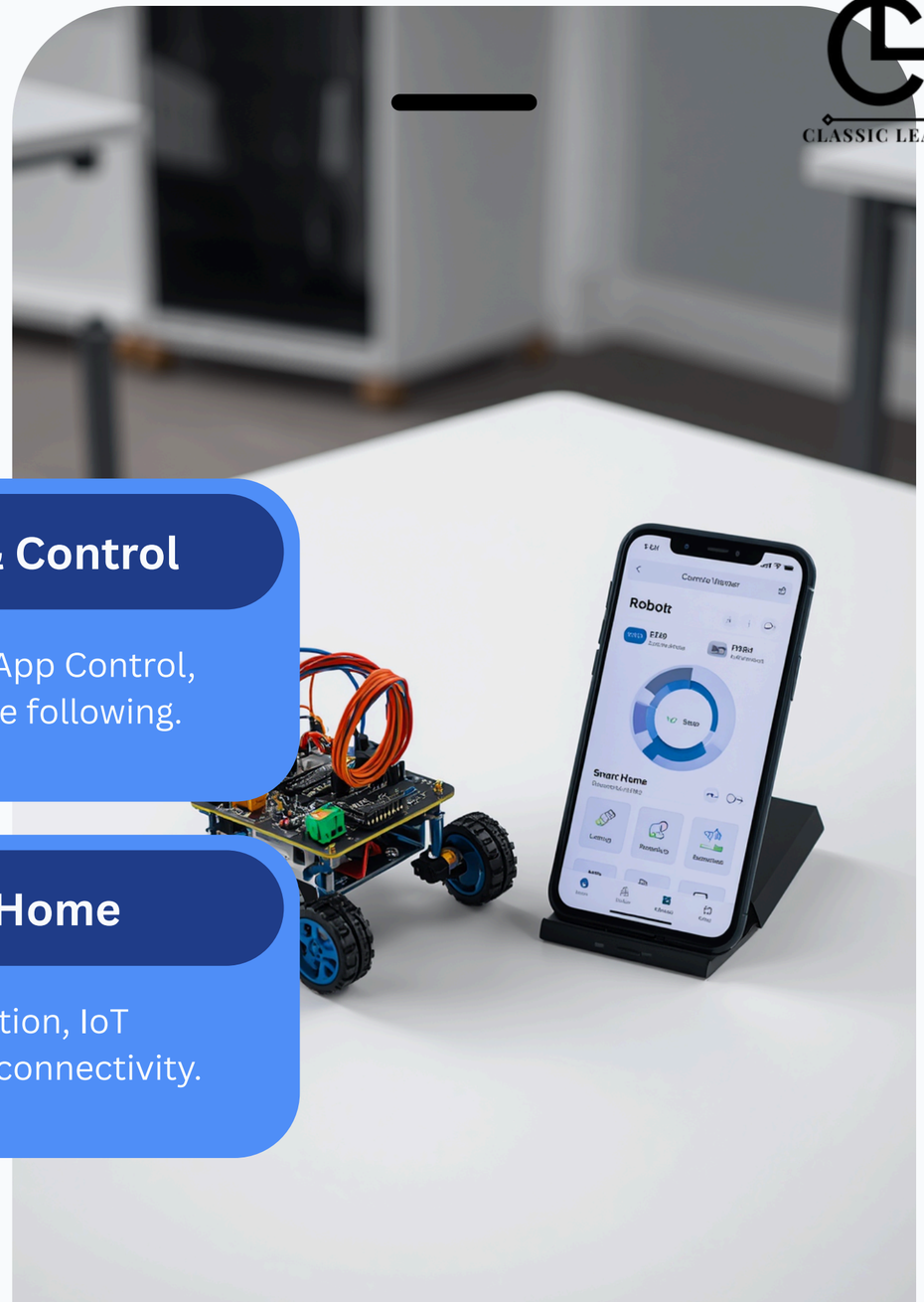
Robot Assembly, Mobile App Control, obstacle avoidance & line following.

Internet of Things

ESP32 Programming, Wi-Fi, MQTT Basics, Firebase & Cloud Connectivity.

Cloud & Smart Home

Smart Home Automation, IoT Dashboard, multi-device connectivity.



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Months 5 & 6

Month 5: Artificial Intelligence

Python Basics, AI Fundamentals, Machine Learning Concepts, OpenCV, Face & Object Detection, Voice Recognition.

AI Tools & Techniques

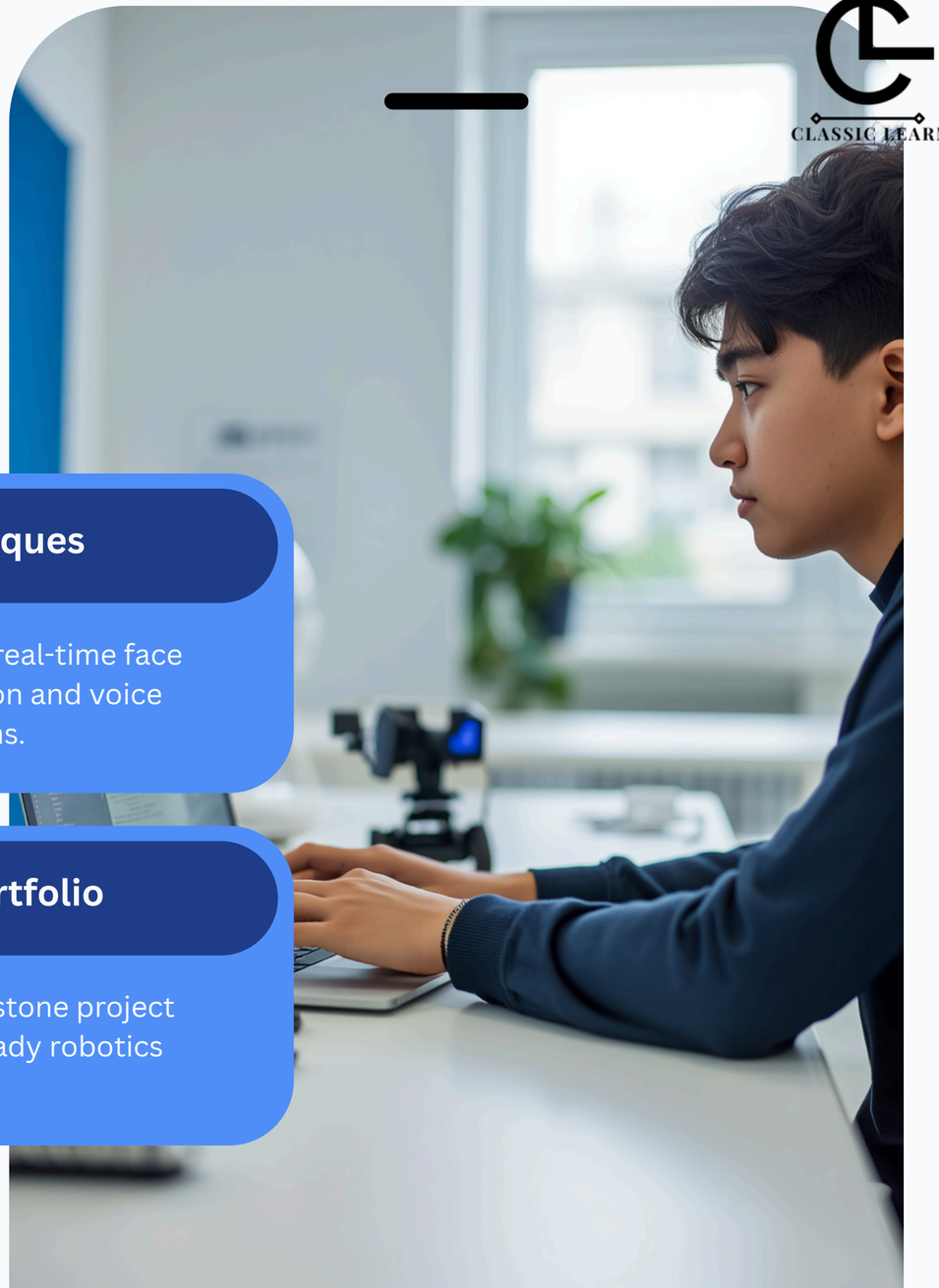
Hands-on OpenCV projects, real-time face detection, object recognition and voice command systems.

Month 6: Smart Robotics Integration

AI + IoT Integration, Mobile App Controlled Robot, Smart Automation & Final Live Practical Project.

Final Project & Portfolio

Portfolio Development, capstone project presentation and career-ready robotics showcase.

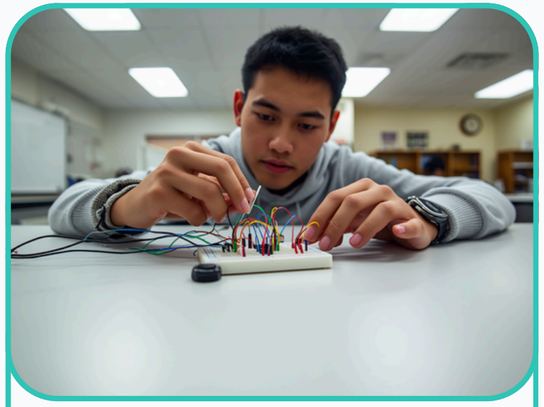


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6-Month Program Projects

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Robotics Basics

LED Control, Smart Night Lamp, Automatic Dustbin & Distance Meter.



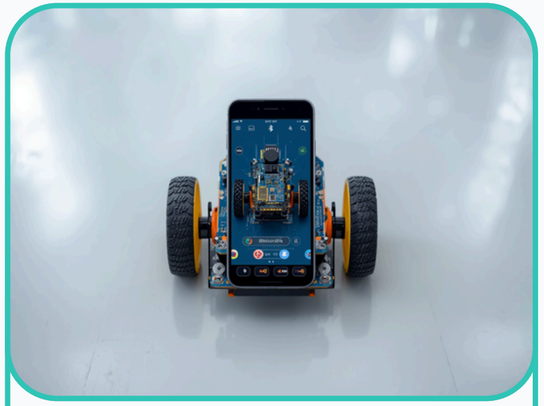
Smart Automation

Smart Home Automation, Line Following & Obstacle Avoiding Robot.



AI & Vision

Face Detection Robot & AI Voice Controlled Robot projects.



Mobile & IoT

Bluetooth Robot & Mobile App Controlled Smart Devices.

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Months 7 & 8

Advanced IoT

ESP32 Advanced, MQTT, Remote Monitoring, Multi-Device Communication & Industrial IoT Projects.

IoT Cloud & Security

IoT Cloud Platforms, IoT Security, Smart Home & Industrial IoT integration.

Industrial Robotics

Robotic Arms, Grippers, Conveyor Systems, PLC, HMI & Automation Safety.

Industry 4.0

Intro to Industrial Robotics, Coordinate Systems, Sensors & Industry 4.0 concepts.



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9-Month Pro Advanced Month 9: Industrial AI & Automation



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Machine Vision & Computer Vision • AI Quality Inspection Systems • Predictive Maintenance Introduction • Smart Factory Concepts • AI + IoT + Robotics Integration • Automation Workflow Design • Final Capstone Project: Full Industry Automation Solution

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9-Month Industry Projects

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Industrial Pick & Place Robot

Robotic arm for automated pick, place & assembly line operations.



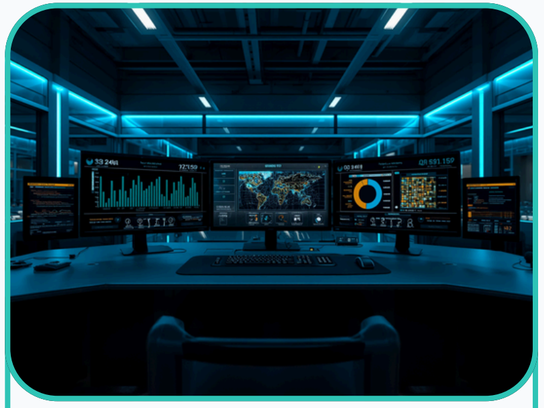
Conveyor Sorting System

Automated conveyor belt with sensor-based object sorting & routing.



AI Vision Inspection System

Computer vision system for real-time quality inspection on production lines.



Smart Factory Dashboard

IoT-integrated smart factory monitoring and control dashboard system.

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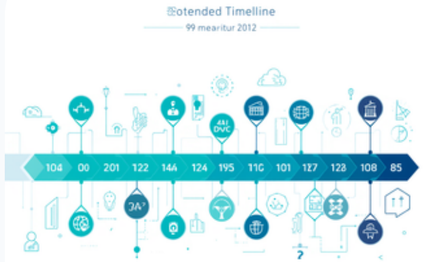
6-Month vs 9-Month Comparison

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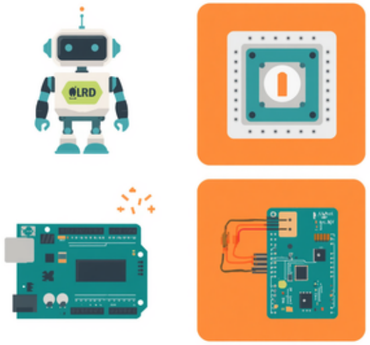
6-Month Advanced

✔️ Electronics & Arduino
✔️ Sensors & Robotics
✔️ IoT & AI Basics
✔️ Smart Integration
✔️ 10 Hands-on Projects
₹45,000



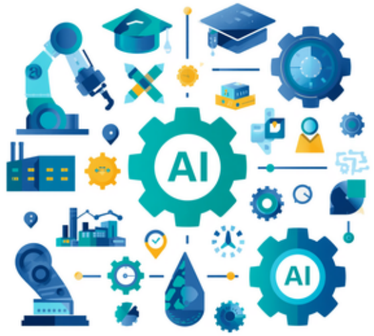
9-Month Pro Advanced

✔️ All 6-Month Content
✔️ Advanced IoT & Cloud
✔️ Industrial Robotics
✔️ AI Automation & Vision
✔️ Industry Projects
₹65,000



6-Month Highlights

✔️ Fundamentals to AI
✔️ Portfolio Development
✔️ Career Guidance
✔️ Ideal: Beginners to Intermediate



9-Month Highlights

✔️ Industry 4.0 Ready
✔️ Capstone Project
✔️ Placement Assistance
✔️ Ideal: Serious Learners & Professionals

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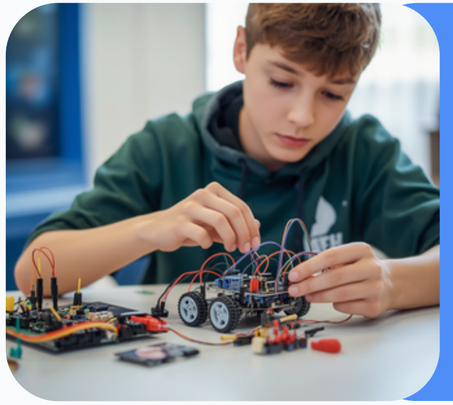
Course Features

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Live Online Classes

Live practical sessions on Mon, Wed & Fri plus weekends. Learn from expert instructors in real time.



Hands-on Robotics Projects

Build real robots and IoT systems with guided project classes and portfolio development.



Mentor Support

Dedicated mentor help, monthly assignments, project evaluations, and doubt-solving sessions.



Career Guidance & Placement

Placement assistance, career guidance, and industry-relevant curriculum to launch your tech career.

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Who This Course Is For

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School Students

Ideal for Class 9–12 students eager to explore robotics, IoT, and AI from the ground up.



College Students

Perfect for Diploma, Engineering, BCA, BSc, and Non-IT students seeking practical tech skills.



Working Professionals

Professionals looking to upskill in AI, IoT, and industrial automation for career advancement.



Robotics Enthusiasts

Anyone passionate about building robots, smart devices, and AI-powered systems.

Why Choose Classic Learn?

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No Prior Coding Required

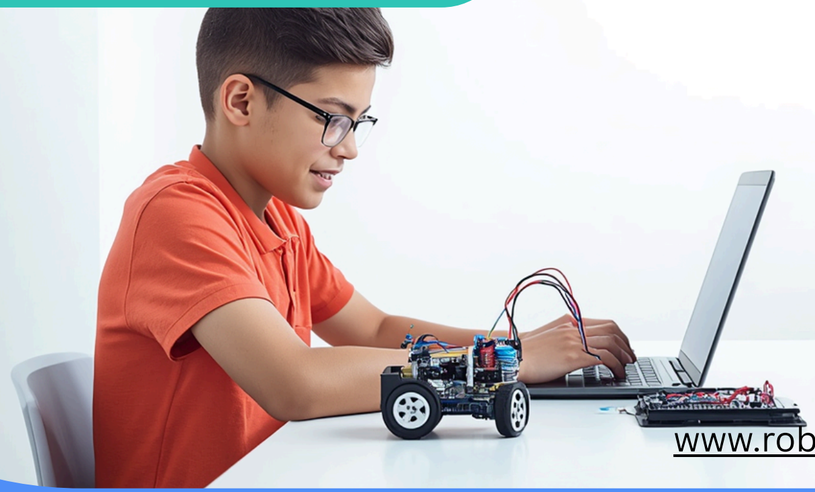
Start from scratch — no coding or electronics background needed. Learn step by step with expert guidance.

Live Practical Project Classes

Build real robots and AI projects in every live session with hands-on, practical learning.

Placement Assistance & Career Guidance

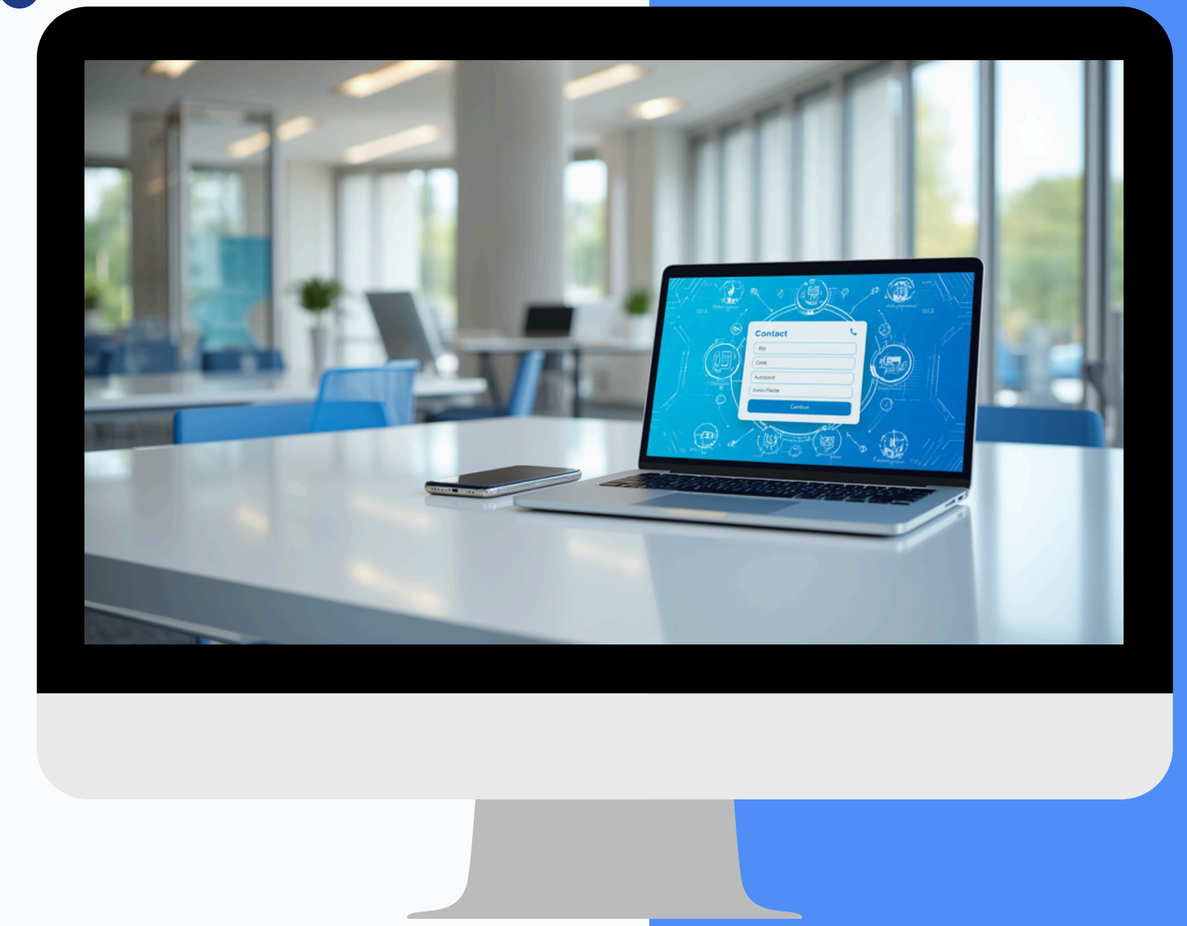
Get career guidance, portfolio development support, and placement assistance to launch your tech career.



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Enroll Now!

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"Learn Today... Build Tomorrow... Lead the Future!"

📱 **WhatsApp:** 7983020261
🌐 **Website:** www.classiclearn.in
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Secure your seat today and start your journey in Robotics, IoT & AI with Classic Learn!

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Thank You!

Website: www.robotics.classiclearn.in



Appendix & FAQs

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📅 Class Timings: Mon, Wed & Fri – 1 Hr/Class | Sat & Sun – 1.5 Hrs/Class

📌 Monthly Plan: 3 Teaching Weeks + 1 Week for Projects, Assignments & Doubt Solving

❓ Q: Is prior coding knowledge required? A: No, we start from the basics.
❓ Q: Are classes recorded? A: Yes, recordings are available for enrolled students.

📱 **WhatsApp Support: 7983020261**
🌐 **www.robotics.classiclearn.in**