IOT &
ENBEDDED SYSTEMS
Certification Course ●

READY TO TRANSFORM YOUR CAREER?

1.5 Months

In Collaboration With

About
THE IOT ACADEMY

The IoT Academy, established in **2017** is a fast emerging company imparting quality programs for skills training, internship and guidance in cutting edge technologies like **Data Science, Machine Learning, Artificial Intelligence, Internet of Things, Embedded Systems & many more** and focused on helping people develop the skills they need to thrive in the rapidly growing digital economy.

The IoT Academy has collaborated with various premier institutes e.g. **E&ICT Academy, IIT-Guwahati, IIT-Roorkee and IIT-Kanpur** for **Advance Certification courses** to take provide outcome-centric solutions to help them achieve their professional goals.

400+
Hiring Partners

45000+
Learners

8+ Years
Of excellence

81%
Salary Hike

91%
Happy Outcomes

Quality education and career opportunities shouldn't come at a high cost. While many ed-tech companies prioritize profits, **The IoT Academy** is committed to transforming students' lives. We make premium professional education accessible to the masses at just 10% of the market cost.

AWARDS & RECOGNITIONS

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Our
ADVANCED
LEARNING LABS

Where Innovation Meets Hands-On Learning

Step into our modern lab facilities designed to turn your ideas into reality. Our well-equipped labs provide everything you need to master IoT and embedded systems through practical, hands-on experience.

What Makes Our Labs Special

Our labs bridge the gap between theory and practice. Every student gets access to industry-standard equipment and personalized guidance to build real-world projects with confidence.

Learn by Doing

Our "hands-on first" approach means you'll build, test, and troubleshoot real devices from day one. Work on your own projects beyond class hours with 24/7 lab access and peer collaboration.

FACULTY DEVELOPMENT
PROGRAMS (FDPS)

- Conducted multiple intensive workshops for college faculty on AI-driven signal processing techniques.
- Delivered hands-on training using Edge Impulse, Python, and Hugging Face to build and deploy real-world AI models.
- Empowered educators to seamlessly integrate advanced AI/ML algorithms into their teaching and research.

INDUSTRIAL VISITS
FOR STUDENTS

- Organized immersive visits to leading IoT manufacturing facilities and smart-factory labs.
- Enabled learners to observe real-world deployment of embedded systems, edge computing, and sensor networks.
- Fostered practical insights through direct interaction with industry engineers and live project demonstrations.

WHY THE IOT ACADEMY IS THE RIGHT CHOICE FOR YOU?

Climb the Mountain of Success with The IoT Academy

Just like climbing a mountain requires the right guide, equipment, and path - your digital marketing career needs the right mentor, tools, and learning approach. The IoT Academy provides everything you need vfor this transformational journey.

Your Journey to Digital Marketing Success Starts Here

- Strategic Noida Location
- Latest AI Tools & Technology
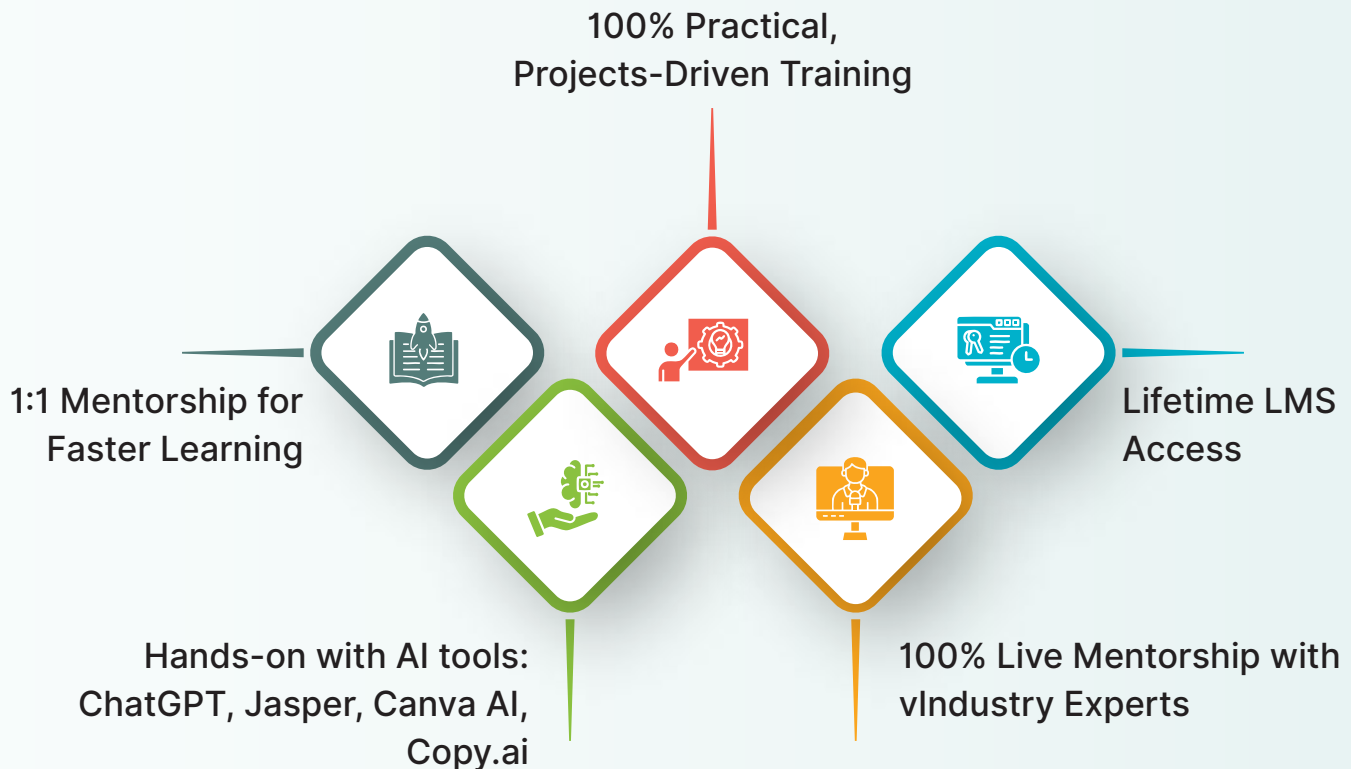- Industry Partnership & Recognition
- Small Batch Personal Attention
- Most Affordable Premium Education
- Proven Track Record
- Founded by IIT Alumni Excellence

PROGRAM HIGHLIGHTS

100% Practical,
Projects-Driven Training

1:1 Mentorship for
Faster Learning

Lifetime LMS
Access

Hands-on with AI tools:
ChatGPT, Jasper, Canva AI,
Copy.ai

100% Live Mentorship with
vIndustry Experts

PLACEMENTS & HIRING

78% Avg. Salary Hike
after Course

400+ Hiring
Partners

12,000+ Alumni
Network for Referrals

Resume, LinkedIn &
Portfolio Building
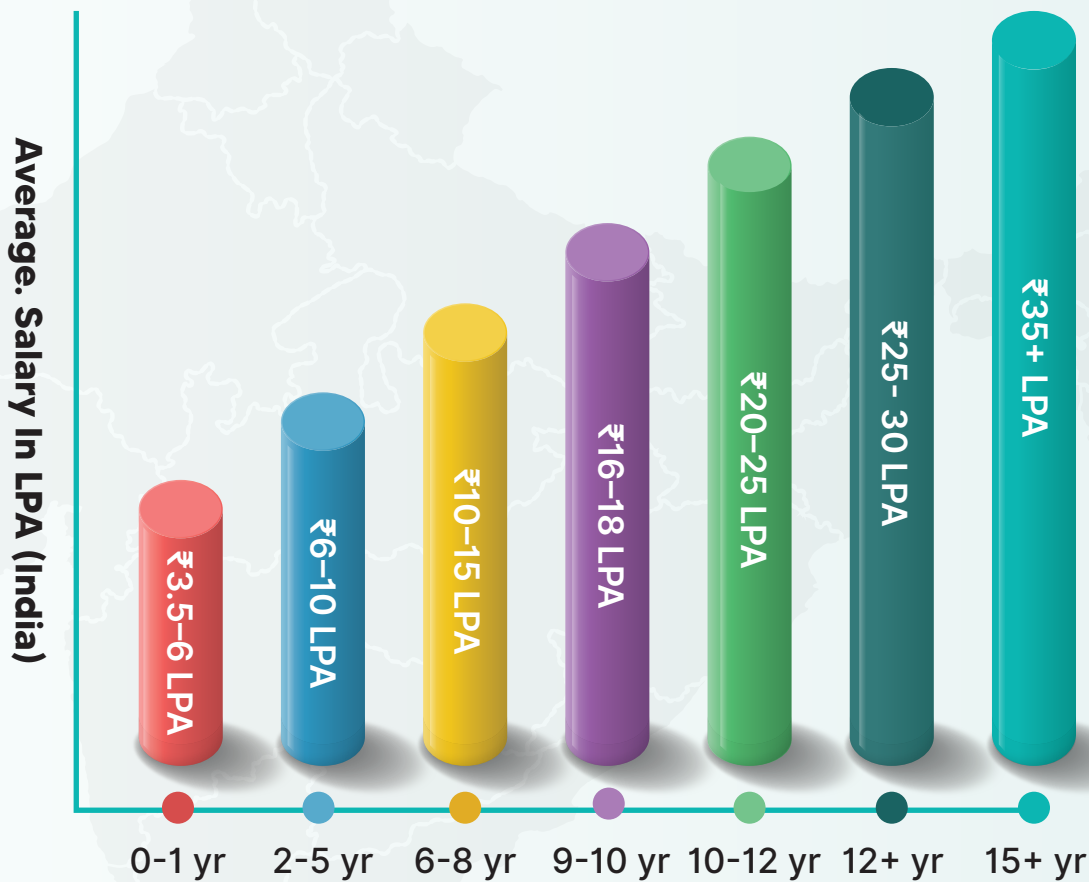
Interview Preparation
& Mock Sessions

WHO SHOULD JOIN THIS PROGRAM?

- ▶ Engineering students seeking cutting-edge tech skills.
- ▶ Software developers wanting hardware integration knowledge.
- ▶ Electronics enthusiasts ready to build smart devices.
- ▶ Professionals aiming for IoT leadership roles.
- ▶ Basic programming knowledge is helpful but not mandatory.

CAREER ROLES & SALARIES

Average. Salary In LPA (India)

Role	Salary
0-1 yr	₹3.5-6 LPA
2-5 yr	₹6-10 LPA
6-8 yr	₹10-15 LPA
9-10 yr	₹16-18 LPA
10-12 yr	₹20-25 LPA
12+ yr	₹25-30 LPA
15+ yr	₹35+ LPA

- Embedded Systems Engineer
- Embedded Software Engineer
- IoT Embedded Developer
- PCB Design Engineer
- IoT Application Developer
- Systems Engineer
- Embedded Linux Engineer
- R&D Engineer (Embedded/IoT)
- Technical Lead (Embedded/IoT)
- IoT Engineer

Why Learn
EMBEDDED SYSTEMS
& IoT

▶ **High Demand:** Over 30 million connected IoT devices by 2026.

▶ **Wide Opportunities:** Manufacturing, automotive, healthcare, smart homes, agriculture.

▶ **Growing Importance:** Every industry needs smart, connected products.

▶ **Problem Solving + Creativity:** Design, build, and deploy real-world systems.

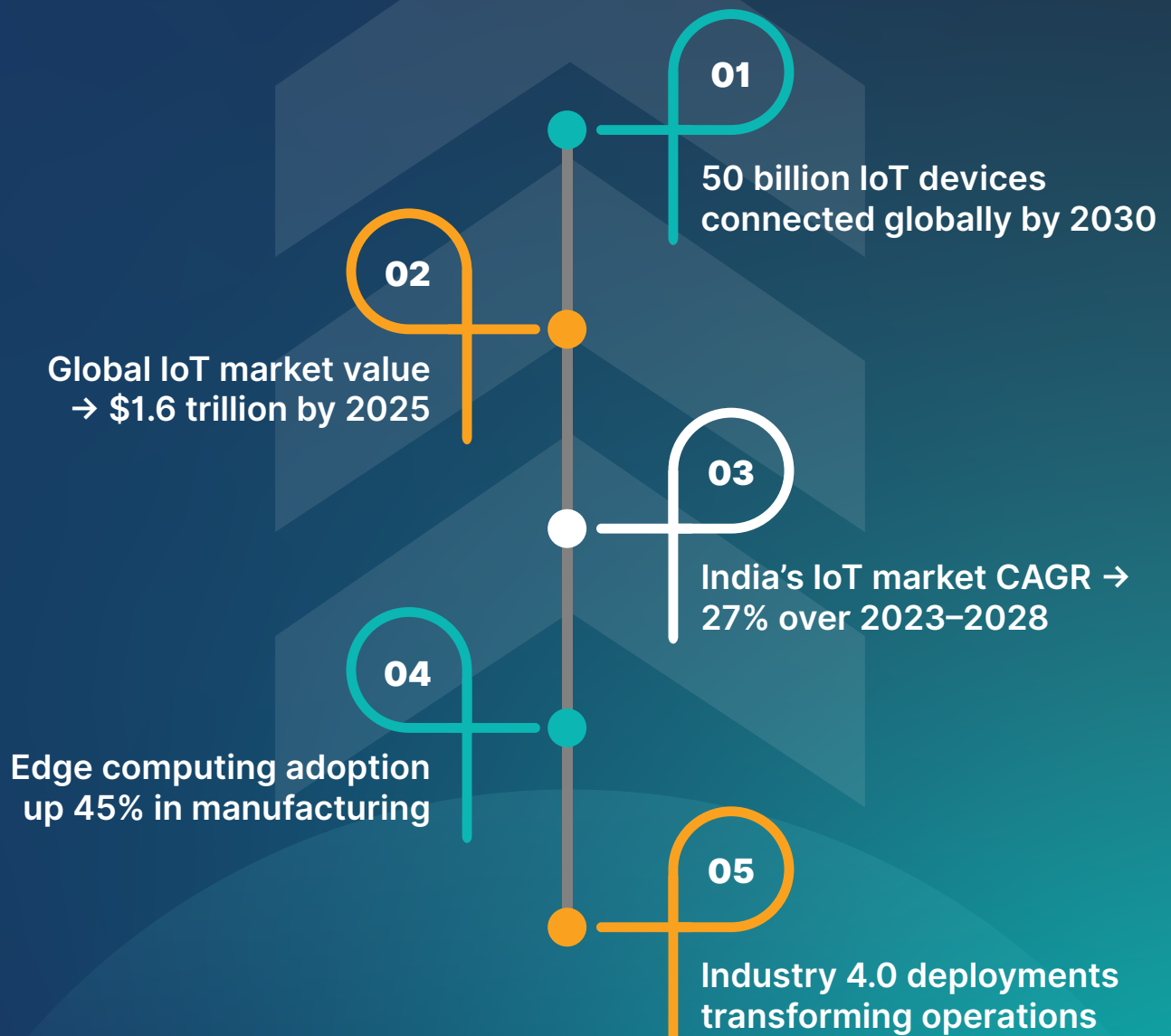▶ **Edge Advantage:** Develop low-latency, reliable solutions on resource-constrained hardware.

CAREER TRAJECTORY

Experience Level	Average Salary (India)
(0–2 yr)	₹3.5–6 LPA
(2–4 yr)	₹6–10 LPA
(5–7 yr)	₹10–15 LPA
(8+)	₹16-18 LPA
(12+ yr)	₹25–30 LPA

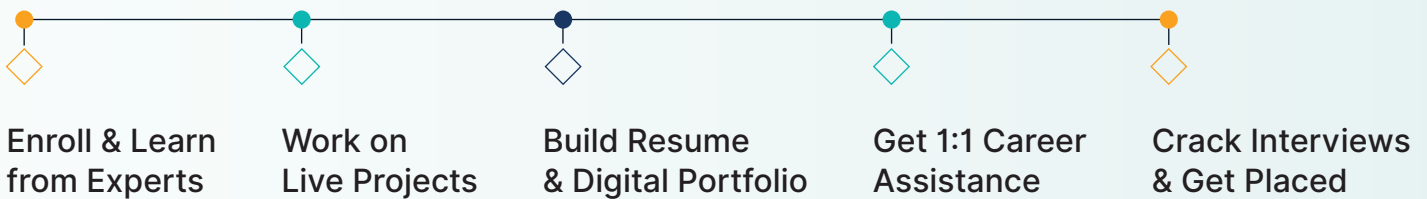START CAREER WITH DIGITAL MARKETING COURSE
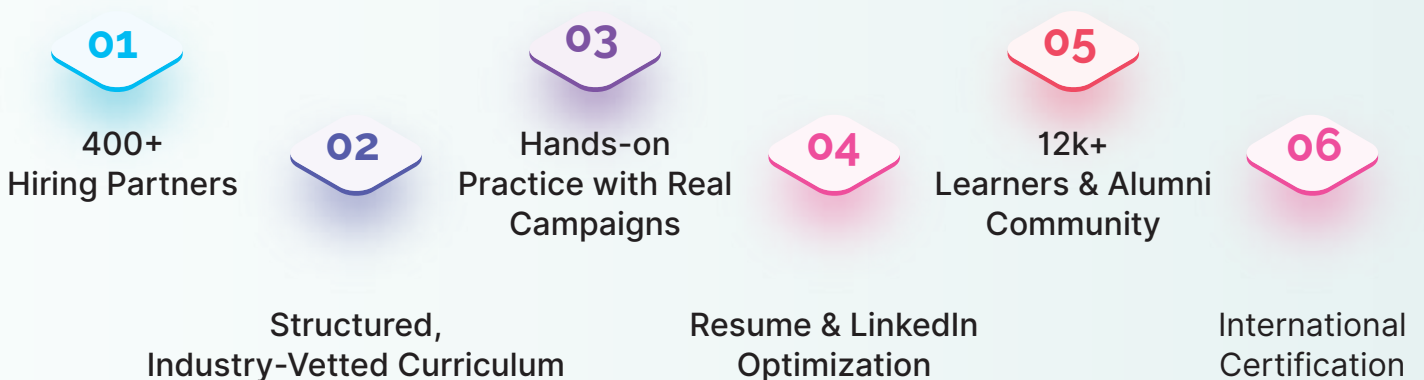
START

WHY EMBEDDED SYSTEMS & IOT
THE MARKET OPPORTUNITY

01

50 billion IoT devices connected globally by 2030

02

Global IoT market value → $1.6 trillion by 2025

03

India's IoT market CAGR → 27% over 2023–2028

04

Edge computing adoption up 45% in manufacturing

05

Industry 4.0 deployments transforming operations

Professionals with Embedded & IoT expertise earn 25% higher salaries

HOW WE MAKE YOU
JOB READY

Enroll & Learn from Experts	Work on Live Projects	Build Resume & Digital Portfolio	Get 1:1 Career Assistance	Crack Interviews & Get Placed

THE IOT ACADEMY EDGE

01
400+ Hiring Partners

02
Structured, Industry-Vetted Curriculum

03
Hands-on Practice with Real Campaigns

04
Resume & LinkedIn Optimization

05
12k+ Learners & Alumni Community

06
International Certification

PLACEMENT SUPPORT

WE

400+ Hiring Partner Opportunities

Access a vast network of 910+ hiring partners, giving you more chances to land interviews and secure your dream job.

Company-wise Interview Questions

Practice with real interview questions from leading companies to boost confidence and improve your selection chances.

Resume, LinkedIn & Portfolio Building

Get expert guidance to create a powerful resume, optimize LinkedIn, and build a portfolio that highlights your skills to employers.

Alumni Referral Network

Leverage our alumni working in top companies to get trusted referrals and unlock hidden job opportunities.

WANT YOU

THE IOT ACADEMY VS OTHERS

Factors	The IoT Academy	Other Institutes
Founder Background	IIT Alumni	Varied
Batch Size	10-15 students	50-100 students
Fee Structure	₹12,000	₹30,000-₹50,000
AI Tools Training	Comprehensive	Limited/None
1:1 Mentorship	Daily sessions	Group sessions only
Placement Rate	70% salary hike	30-50% average
Industry Partnerships	IIT Collaboration	Limited
Live Projects	Real client work	Simulated projects

Why Students
CHOOSE US OVER COMPETITORS

Hemant Raj
Placed in
MORPHEDO

The IoT Academy's Embedded System course was a game-changer for me! The hands-on projects helped me understand complex concepts easily. I feel confident in my skills now and ready for a career in IoT!

Dharmendra
Placed in
AEONX

I loved the Embedded System certification course! The instructors were knowledgeable and supportive. The practical experience I gained was invaluable. I highly recommend this course to anyone looking to enter the IoT field!

Ritik Verma
Placed in
MORPHEDO

Completing the Embedded System course at The IoT Academy was an amazing experience. The curriculum was well-structured, and I learned so much. I now have the skills to pursue my dream job in technology!

SUPPORT & CAREER GUIDANCE

Discover Strengths & Interests

Every learner has unique talents, skills, and passions but many are unsure how to identify and apply them in their career. That's where we step in. Through assessments, mentoring sessions, and hands-on exercises, we help learners discover what they're truly good at and where their genuine interests lie. This self-awareness becomes the foundation for making smarter career choices, ensuring that learners not only land a job but also enjoy long-term growth and satisfaction in their chosen field.

Explore Career Paths

The world of work is full of opportunities, but without proper guidance, learners often feel lost. We provide detailed insights into diverse industries, in-demand roles, and future career trends, helping learners explore multiple options before deciding on the right path. By understanding the scope, responsibilities, and growth potential of each career track, learners can confidently pursue the path that matches both their skills and aspirations—leading to meaningful and sustainable career success.

Prepare for Interviews

A strong resume can get you an interview, but it's the preparation that gets you the job. Our structured interview training includes mock sessions, role-specific practice questions, and personalized feedback to polish communication and problem-solving skills. Learners gain confidence in tackling tough questions, handling pressure, and presenting themselves professionally. With this kind of preparation, they enter interviews not just as applicants, but as top contenders ready to impress employers.

Build Professional Portfolios

In today's competitive job market, employers want proof of skills—not just promises. We guide learners in building professional portfolios that showcase real projects, case studies, and achievements. These portfolios act as a visual proof of their abilities, giving them a strong edge over other candidates. Whether it's tech projects, design work, research, or case studies, a well-crafted portfolio makes a lasting impression on recruiters and ensures learners are remembered long after the interview ends.

THE IOT ACADEMY
MILESTONES

78%
Average Salary Hike

₹40 LPA
Highest Package

7000+
Success Stories

95%
Placement Rate

400+
Hiring Partners

₹21 LPA
Average CTC

ENROLLMENT PROCESS

Step 1: Free Consultation

- Book a free career counseling session
- Understand your career goals and fit

Step 2: Trial Class

- Attend one free trial class
- Experience our teaching methodology

Step 3: Enrollment

- Choose your batch timing
- Complete admission formalities

Step 4: Begin Learning

- Start your transformation journey
- Access lifetime support system

Next Batch Details:
Batch Start Date: Every Monday

Class Timings:
Weekday Batch: **7:00 PM - 9:00 PM**
Weekend Batch: **10:00 AM - 1:00 PM**

Mode:
Live Online + Offline (Noida Center)

Batch Size:
Limited to 15 students

Result
DRIVEN SYLLABUS CHALLENGE

Embedded Systems & IoT

Program Curriculum

MODULE 1

Introduction to IoT & Career Foundation

- Introduction to IoT
- Introduction to Internet of Things (IoT)
- Different skills required to become an IoT developer

MODULE 2

Embedded C Programming Fundamentals

- Embedded C
- Why C in embedded system
- Data types and operators
- Selection & Loops
- Functions
- Pointers
- Callbacks functions
- Structure
- Memory and scope

MODULE 3

IoT Components & Technology Overview

- IoT Components
- Sensors
- Switches
- Microcontrollers
- Gateways
- Cloud
- Overview of ML, AI & Data science

Program Curriculum

MODULE 4

Hardware Platforms & Programming

- Ardiuno Basics
- Creating Sketches
- Python Basics
- Python Basic
- Raspberry Pi
- Controlling Raspberry Pi GPIOs

MODULE 5

Communication Protocols

- Embedded Protocols
- UART,I2C, SPI
- IoT Protocols
- MQTT, COAP, TCP/IP, HTTP

MODULE 6

Practical Implementation & Cloud Integration

- ConnectiFY
- Using Node MCU and Arduino with ConnectiFY

Certifications & Investment

Industry-Recognized Certificates

Upon successful completion, you'll receive:

- The IoT Academy Certificate in Embedded Systems & IoT
- ARM Accredited Engineer (AAE) Certification
- Cisco IoT Fundamentals Certification
- AWS Certified IoT Developer – Specialty
- Raspberry Pi Certified Developer
- EdgeX Foundry Practitioner Certificate

What's Included:

- 6 months of comprehensive training
- Lifetime LMS access
- 1:1 mentorship sessions
- Hands-on labs & real-world case studies
- Placement assistance
- All certification exam fees are covered
- Tools & hardware kit (worth ₹50,000+)

Course Investment & ROI

₹12,000
Total Course Fee

1.5 Months
EMI Options Available

Upto 30%
Scholarship Available

Average Salary Increase:

70%
(₹4–5 LPA to ₹7–8.5 LPA)

Certificate
of Completion

This Certificate is Proudly Presented to

Name

For

IoT & Embedded Systems

Through dedication and hard work, she has demonstrated a comprehensive understanding and proficiency in achieving the course objectives. Completing the program from xx xx xxxx to xx xx xxxx (Duration: 6 Months), she has exhibited commendable performance. We wish her success throughout her career.

Certification ID: xxxxxx

XX XX XXXX
DATE

Kaushlendra Singh Sisodia
Chief Mentor, The IoT Academy Director,
Uniconverge Technologies Pvt. Ltd.

The IoT Academy
Connecting The Unconnected

READY TO TRANSFORM YOUR CAREER?

DON'T WAIT - THE DIGITAL FUTURE IS NOW!

Join thousands of successful professionals who transformed their careers with The IoT Academy. *Limited seats available.*

BOOK YOUR FREE CONSULTATION TODAY!

The IoT Academy - Where Technology Meets Opportunity
Empowering India's Digital Workforce Since 2017

THANK YOU

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