



TRIPPLE ONE SOLUTIONS

"QUICK STEPS, BIG LEAPS –
SKILL YOUR WAY UP."



IoT & Robotics PROGRAM

ADDRESS

BSI Business Park
Sector-63 Noida (U.P)

CONTACT

www.trippleonesolutions.com
trippleonesolutions@gmail.com



This isn't about **knowledge** its about the **Skill**

Tripple one solutions is a platform that allows you to learn in accordance with current industry trends.

IoT introduction

Expert systems

Robotics

Data mining

Automation

Applications

Edge computing

Processing

Personal robots

Big data

Prompt engineer.

Deep learning

CAREERS

WHO CAN **APPLY** FOR THIS COURSE ?

STUDENTS

- Kickstart your career in IoT & Robotics
- Get ahead and cut through your peers.
- Stand out among competitors.

BEGINNERS

- Individuals with no prior programming experience.
- Who want to learn a versatile and widely-used programming language.

RESEARCHERS

- Researchers looking to use IoT & Robotics.
- For data analysis, scientific computing, or IoT & Robotics.

CAREER CHANGERS

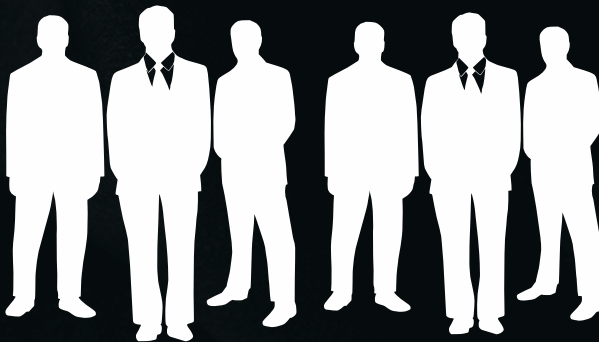
- Switching to a tech-oriented career.
- Gain essential knowledge.
- Aiming to gain new skills for emerging job markets

ROBOTICS EXPERTS

- Passionate about emerging technologies.
- Curious about how IoT transforms industries.
- Wanting to stay updated on the latest IoT trends.

ENTREPRENEURS

- Get customers without spending a lot.
- Generate high quality products.
- Train your team in IoT & Robotics.



GET TO KNOW OUR CURRICULUM

Introduction to Microcontroller

Arduino IDE Platform

Programming With Arduino



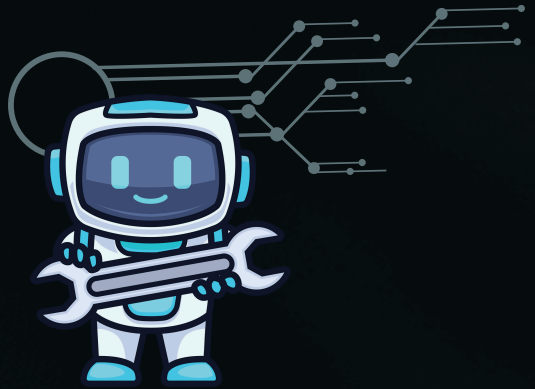
Communication Protocols

IoT Introduction

IoT Wireless Protocols

IoT Advance

Things SpeakAPI



TOPICS COVERED

INTRODUCTION TO MICROCONTROLLER

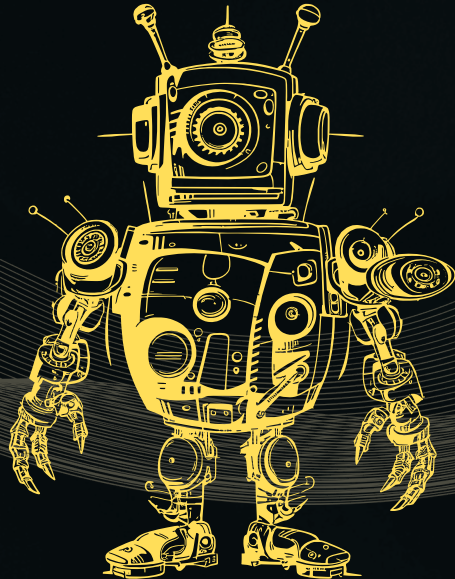
01

- What is microcontroller ATMEGA 328p
Architecture of Microcontroller How is Microcontroller different from Microprocessor

ARDUINO IDE PLATFORM

02

- What is Arduino
- Virtual simulator for Arduino
- Architecture of Arduino
- Working with Arduino IDE



PROGRAMMING WITH ARDUINO

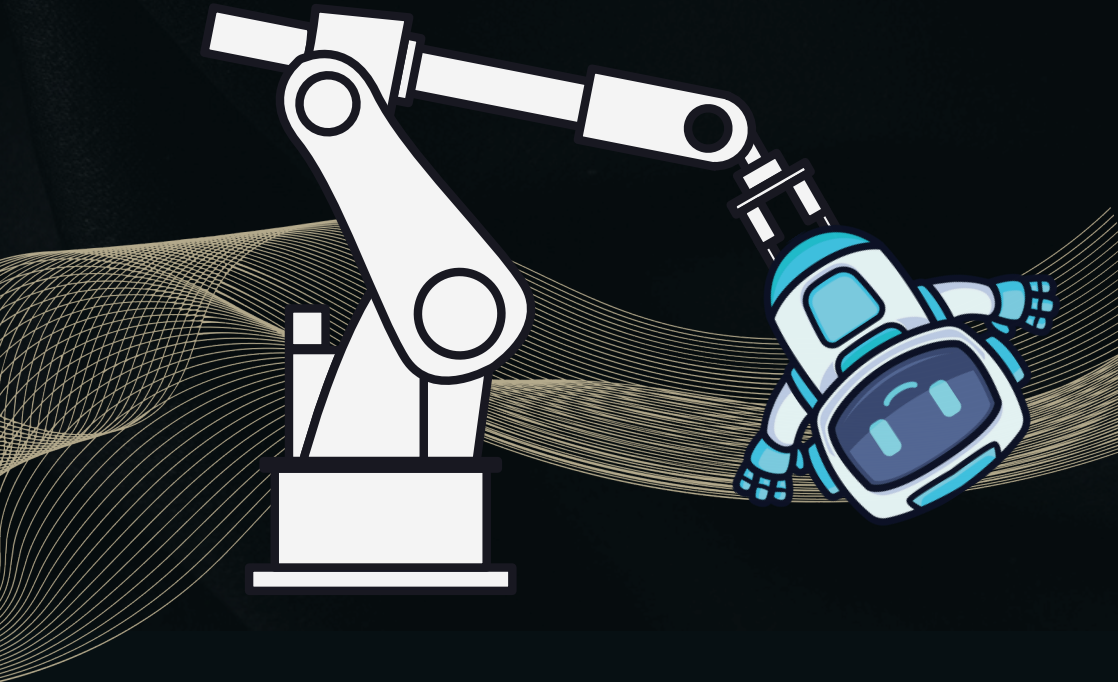
03

- Programming an Arduino using C++
- ArduinoCode Implementation
- Mini project discussion

COMMUNICATION PROTOCOLS

04

- I2C
- SPI
- Bluetooth



IOT INTRODUCTION

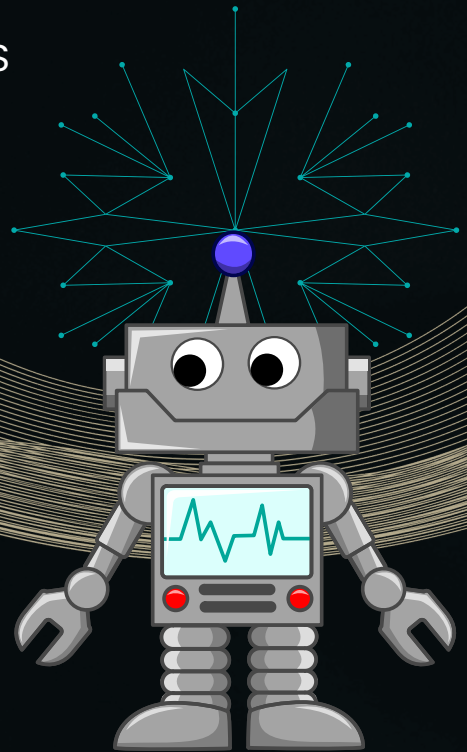
05

- What is IoT
- IoT Architecture
- What are the challenges and future of IoT

IOT WIRELESS PROTOCOLS

06

- Zigbee
- Rfd
- Bluetooth
- Wifi
- Nfc
- Protocols-TCP,UDP,
- MQTT/MQTTS,HTTP/HTTPS



IOT ADVANCE

07

- Weatherreporting system
- Social distancing alarm system
- Smart parking system
- Home automation
- Password doorlock system
- IFTTT App
- Sending notifications using various applications
- Smart agriculture system
- Remote controlrobotic system

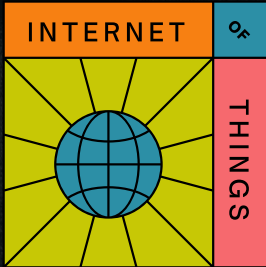
THINGS SPEAKAPI

08

- Introduction to Sensors
- Rules to react
- Esp8266Wifi Module
- Using Matlab for analysis
- Connection using HTTP



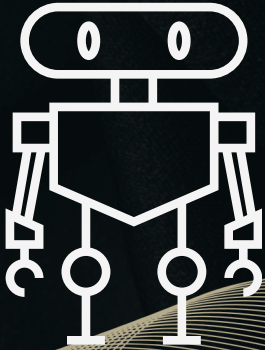
YOU WILL GET TO **LEARN** IN THIS COURSE



Internet of things



Programming language



Robotics



Computer Science

SHOW CASE YOUR LEARNING JOURNEY



CERTIFICATES

ALSO RECEIVE ADDITIONAL CERTIFICATES

*Excellence
certificate*



*Training
certificate*

LETTER OF RECOMMENDATION (LOR)



**TRIPPLE ONE
SOLUTIONS**

To Whom It May Concern,

I am writing this letter to highly recommend **[Name]** for any future opportunities or positions. **[Name]** worked as a **[Course]** intern at Tripple One Solutions (A Division of COURSE YARD SOLUTIONS Pvt. Ltd.) for a duration of two months, from April 1, 2024, to June 1, 2024. During this period, **[Name]** exhibited exceptional dedication, enthusiasm, and skill, making a remarkable contribution to our organization.

As a **[Course]** intern, **[Name]** demonstrated a strong work ethic and a genuine passion for web development. He/she consistently exhibited a thirst for knowledge and a willingness to learn and grow in this field. **[Name]** grasped new concepts quickly and efficiently, and his ability to apply theoretical knowledge to practical situations was commendable.

Throughout his/her tenure, **[Name]** successfully completed his/her **[Course]** training, surpassing our expectations. He showed proficiency in various programming languages and frameworks, including **[]**. **[Name]** was able to quickly adapt to different projects and deliver high-quality work within the given timeframes.

I am particularly impressed with **[Name]** project accomplishments during his/her internship. He/she undertook both a minor and major **[Course]** project and completed them without fail. **[Name]** demonstrated exceptional problem-solving abilities and attention to detail in creating user-friendly and visually appealing websites. His/her ability to translate client requirements into functional web solutions was impressive.

In addition to his technical expertise, **[Name]** also demonstrated remarkable communication skills. He/she was able to effectively collaborate with team members and clients, understanding their needs and incorporating feedback to deliver outstanding results. **[Name]** ability to explain technical concepts in a clear and concise manner made him an invaluable asset to our team.

Based on **[Name]** outstanding performance and his dedication to **[Course]**, I am confident that he/she will excel in any future endeavors he/she undertakes in this field. His/her commitment to excellence, adaptability, and strong work ethic make him/her an ideal candidate for any challenging web development roles or responsibilities.

If you require any further information or have specific questions about **[Name]** time at Tripple One Solutions, please do not hesitate to reach out to me directly. I wholeheartedly endorse **[Full Name]** and believe he/she has a bright future ahead as a skilled **[Course]**.

Sincerely,



[Name of manager]

Manager

Tripple One Solutions

Course Yard Slutions Pvt. Ltd.



trippleonesolutions@gmail.com



BS1 Business park H-160 Sector 63 NOIDA



885-151-7505

WE SPECIALIZE IN

INDUSTRY

Equip yourself with essential skills for various careers through our comprehensive programs.

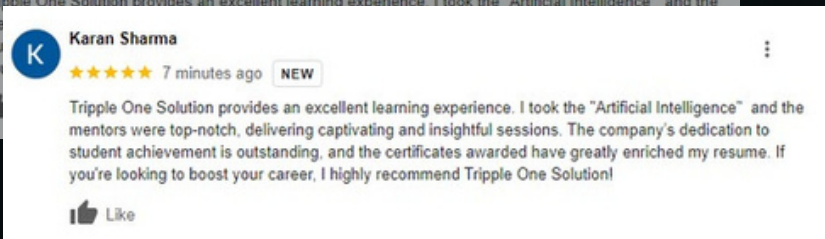
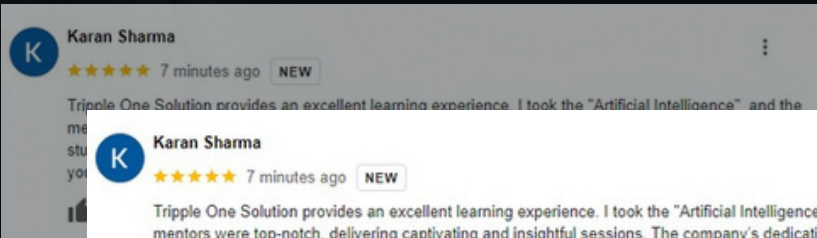
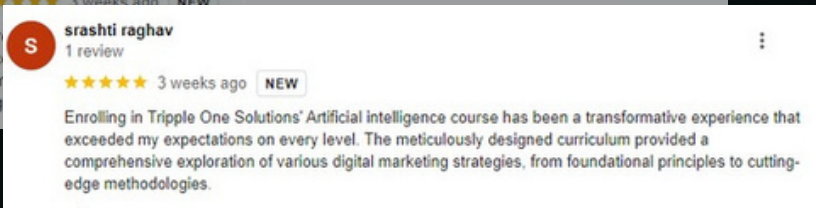
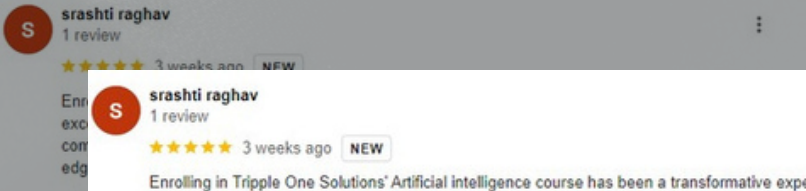
SKILL DEVELOPMENT

Choose from our self-guided or mentor-led programs which suit your learning style and pace.

COMMUNITY

Discover peer-led learning vibrant events, and lifelong connections in our community

OUR PUBLIC REVIEW



HOW TO ENROLL



NOTE : LIMITED SEATS LEFT