



Ref.No.....

التاريخ:.....

Advanced Summer Program in Artificial Intelligence and Internet of Things (IoT) Basics

1- Course Information :

- Course Title: Internet of Things (IoT) Basics
- Provider: Fujairah Science Club
- Duration: 3 days
- Delivery Mode: In-person / Interactive Practical Training

2. Course Objective :

Introduce participants to the fundamentals of the Internet of Things (IoT), its main components, and how IoT systems work.

3. Course Topics :

- Connected devices
- IoT architecture and communication protocols
- IoT applications in everyday life

4. Target Audience :

Suitable for ages 13 and above

5. Learning Outcomes

By the end of the course, participants will be able to understand the concept of the Internet of Things (IoT), its requirements, and its infrastructure.

6. Implementation Method:

The course will be delivered through an interactive approach combining theoretical knowledge and practical application to ensure an engaging and effective learning experience.

7. Evaluation and Final Activities :

- Conduct a practical project to apply the acquired skills
- Organize a final interactive competition to encourage creativity and innovation

Department Supervisor :

[Eng. Osama Ali](#)

[Robotics & AI Supervisor](#)

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