

Internet of Things (IoT): Project Design

(Duration: **April 15th – May 15th 2024**)

Registration Deadline: April 9th (till 23:00)

Primary Audience:

This course is intended for **final year students** of TTPU who are eligible to carry out final internship.

This course serves as a substitute for the final **internship** requirement.



Course Description:

- **Duration:** 60 hours of in-class training (1 month) and 90 hours of self-study and independent project work
- **Objective:** Equip students with practical IoT development skills
- **Key Topics:**
 - IoT fundamentals
 - LoRa/LoRaWAN technologies
 - MQTT setup and use
 - Firmware development for ESP32
 - Real-time operating systems
 - Fundamentals of servers
 - Linux, and Docker containerization
 - PCB design and prototype testing
- **Outcome:**
 - *Final Capstone IoT Project*



Registration Requirement:

- The course starts **ONLY** if **more than 25 students** sign up. If fewer than 25 students register, course will be canceled. Participants should be eligible for final internship.



DEADLINE: : **April 9th (till 23:00)**

HOW TO REGISTER ?:

- You have to fill following online form.

<https://forms.gle/ugCYfefsnS5JvjJ7>

After you submit this form, you will see a link to a telegram group of the course.

- Contact person: Maqsud Usmonov
telegram: [@MaqsudUsmonov2](#)
email: maksudjon.usmonov@polito.uz



QR code

