

STM-32 Development
PCB Board will be
provided for
Experiments

Embedded System Design using STM-32 MCUs

About Course

Master the fundamentals of embedded systems and real-time control using STM32 microcontrollers. This hands-on course blends theory with practical implementation to help you design efficient, hardware integrated applications.

WHAT YOU'LL LEARN

- Fundamentals of Embedded Systems & STM32 Softwares (STM32 Cube IDE, STM32 Cube Programmer)
- Programming STM32 using C/ C++
- GPIOs and Alphanumeric LCD Display Control
- Peripheral Interfacing: UART, SPI, I2C, ADC, PWM
- Communication Protocols & Sensor Integration
- Stepper, Servo and DC Motor Control for Robotic Applications
- Mini Projects and a Final Capstone Embedded Design

Register now



<https://star-engg.com/courses>



COURSE DETAILS

Starting from
Sunday -12 July 2026 (Starting Class)

Duration
Every Sunday (Total No. of Sessions: 10)

Timings
11:00 AM to 1:00 PM

Place
Abdullah apartments, Flat No. D-3 Block I6, Gulistan-e-johar, Karachi, Pakistan.

Investment
Rs.10,000/- only
(Group Dicount - needy students)

Targeted Audience
Early-stage engineers and undergrad.
Students, who would like to understand
fundamental concepts and applications.

Tutors
Engineers and Ph.D. Doctors

Our Location!



<https://goo.gl/maps/8BkbCHcNkjtNFvph9>



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Gulistan-e-johar, Karachi, Pakistan.



www.star-engg.com