⚡ **Embedded AVR for Beginners Workshop**
🚀 **Start your journey into Embedded Systems!**

Ready to move from **code → hardware → real embedded systems**?
IEEE CUSB proudly presents our **AVR for Beginners Workshop**, designed to take you from **zero background** to building a **complete embedded project** step by step.

📐 **What you will learn:**
- ◇ Embedded systems fundamentals & MCU architecture
- ◇ C programming for embedded systems (bitwise, pointers, structs & drivers)
- ◇ GPIO & layered architecture (MCAL / HAL / APP)
- ◇ LCD & Keypad interfacing
- ◇ Interrupts & real-time behavior
- ◇ Timers, PWM & ADC
- ◇ Serial communication (UART, I2C & SPI)
- ◇ Continuous **project-based learning** ending with a final embedded project

🛠️ You won't just learn concepts —
you'll **build one evolving system across all sessions**, just like real embedded engineers do.

🎯 Perfect for:

- • First & second-year students
- • Anyone starting embedded systems from scratch

🔗 **Register now:**
https://docs.google.com/forms/d/e/1FAIpQLSdRNWF_uhUcKXdqP0LRXoask_0hRIa8SbSxI1q2zxMwQcDkDA/viewform?usp=publish-editor

#IEEECUSB #EmbeddedSystems #AVR #EmbeddedWorkshop #Season2026