

Open-Ended Lab 1

Interfacing WiFi Module

CLOs Covered

CLO2: Perform hardware interfacing on a microcontroller platform effectively. (**PLO5/GA5**)

Problem Statement

Interface the **ESP01** WiFi Module with TivaC Launchpad using Universal Asynchronous Receiver/Transmitter (UART) module by employing **AT Commands**.

Minimum Requirement

Send and receive data on an opened Telnet connection using PuTTY.

AT Commands

Basic AT Commands can be found here:

https://docs.espressif.com/projects/esp-at/en/release-v2.2.0.0_esp8266/AT_Command_Set/Basic_AT_Commands.html