Open-Ended Lab 1

OEL: Interfacing WiFi Module

CLOs Covered

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

CLO4: Demonstrate teamwork and project management (**PLO11/GA11**)

CLO5: Show professional behaviour while in the lab (**PLO8/GA8**)

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 and examples for setting up TCP connection can be found here.