

Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Technology

(An Autonomous Institute affiliated to Savitribai Phule Pune University)
PUNE-411037



THE ROBOTICS FORUM

TRF LEVEL 2 ELECTRICAL DOMAIN TASK - 3

You are supposed to complete these tasks in Proteus.

- 1) Control speed of motor using Potentiometer. Print Real-Time PWM value on Serial Monitor.
- 2) Switch ON and OFF motor through program in interval of 5 sec (hint use transistor)
- 3) Design circuit for changing the direction of motor using relay / transistor.
- 4) Speed control of fan according to temperature sensor without using Microcontroller.
- 5) Communication between 2 Mega (I2C & UART).

Deadline: 4th October 22 (Afternoon)

Make sure you follow the deadline strictly.

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