



## **TRF LEVEL 2**

### **ELECTRICAL DOMAIN**

### **TASK - 3**

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**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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