Project Workbook Review

Subject: Project Based learning Class: S.E (DIV A & B)

Roll No.: 66, 67, 68, 69 and 70 Group No.:G14

1. Literature Survey:

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| **Sr. No.** | **Paper Title** | **Publication Year** | **Objective** | **Methology** | **Hardware and Software** | **Outcomes** | **Conclusion** |
| **1** | **International Journal of Advance Research in Engineering, Science & Technology's**  ***e-ISSN: 2393-9877, p-ISSN: 2394-2444***  **STARTER USING IOT** | **2018** | **The objective of the project is to control the motor from the remote places. The motor is turned on/off from the remote places itself through GPRS.** | **IOT and Arduino micro-controller** | **Arduino Uno, SIM800L, and Arduino IDE** | **The Arduino receives the signal from webserver either to turn on/off the motor. The motor can be turned on/off through relay driver circuit.** | **The following technology can be used to to turn ON/OFF any circuit from remote location.** |
| **2** | **International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering’s**  ***ISSN (Print) : 2320 – 3765***  ***ISSN (Online): 2278 – 8875***  **Microcontroller Based Three phase Motor Control Using GSM** | **2016** | **This project has a Cell Phone Based Motor Control with Voice Acknowledgment, which will be used as the electronic device, and also a mobile phone having GSM modem, which is the latest technology used for communication between the mobile and the embedded devices.** | **Arduino, DTMF and GSM.** | **ATMEL AT89C51, Nokia 5800 as GSM module, APR33A3 IC,** | **The mobile phone gives command to the micro-controller to turn ON the relay and vice versa.** | **The mobile phone gives command to the micro-controller to turn ON the relay and vice versa.** |
| **3** | **International Journal of Engineering Research & Technology’s**  ***ISSN: 2278-0181***  **A Review Paper on Dual Tone Multi Frequency.** | **2017** | **The objective of this project is to control toy vehicle movement using DTMF technology** | **DTMF and micro-controller.** | **89S52 Microcontroller, DTMF decoder, DC motors and mobile phone.** | **The toy vehicle shall be controlled by the mobile phone using DTMF tech.** | **The movement of the toy car is controlled by the mobile phone.** |
| **4** | **International Journal of Scientific and Research Publication’s**  *ISSN 2250-3153*  **Designing & Implementation of Mobile Operated Toy Car by DTMF .** | **2013** | **The objective of this project is to control toy vehicle movement using DTMF technology** | **DTMF and micro-controller.** | **MT8870 -DTMF decoder,**  **ATMEGA16 microcontroller.** | **The toy car shall be controlled by the mobile phone using DTMF tech.** | **The movement of the toy car is controlled by the mobile phone.** |
| **5** |  |  |  |  |  |  |  |
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**phone**

1. **Block Diagram:**

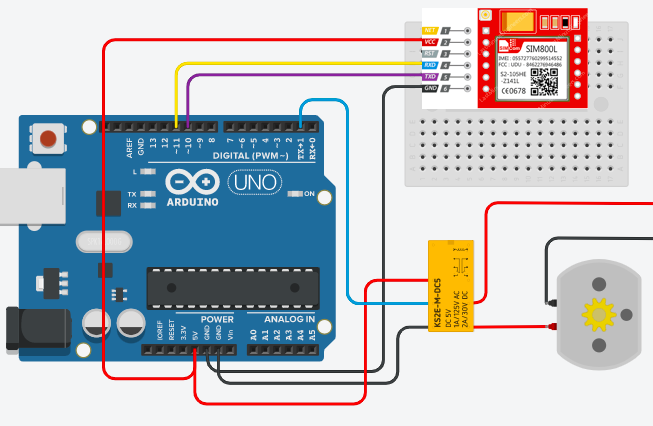
**SIM800L**

**Arduino Uno**

**5V Relay**

**Motor starter**

**The Motor**

1. **Circuit Diagram:**