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| Sl. No | Date | Title | Pg. No | Marks | Signature |
| 1 | 30/03/2023 | Develop an 8051 ‘C’ program to implement MOD-4 counter on LEDs connected to Port 2 using ***Software delay*** to generate some delay. |  |  |  |
| 2 | 30/03/2023 | Develop an 8051 ‘C’ program to implement MOD-4 counter on LEDs connected to Port 2 using ***Hardware delay*** to generate some delay. |  |  |  |
| 3 | 27/04/2023 | Develop an 8051 ‘C’ program to generate the following waveforms using DAC interface   1. Square 2. Rectangular with 70% duty cycle. Assume T=100ms 3. Triangular 4. Positive Ramp 5. Negative Ramp |  |  |  |
| 4 | 20/04/2023 | Develop an 8051 ‘C’ program to interface 2x16 LCD display and to display the message “GITCSE”. |  |  |  |
| 5 | 03/05/2023 | Develop an 8051 ‘C’ program to display the temperature sensor output from ADC 0809 on the LCD. |  |  |  |
| 6 | 25/05/2023 | Develop an Embedded ‘C’ program to blink the LEDs connected to Arduino SBC upon pressing the push buttons. |  |  |  |
| 7 | 08/06/2023 | Develop an Embedded ‘C’ program to interface the sensor DHT11 to Arduino SBC and display the data acquired from sensors on serial monitor. |  |  |  |
| 8 | 01/06/2023 | Develop an Embedded ‘C’ program to control the relay through Arduino UNO. |  |  |  |
| 9 | 01/06/2023 | Develop an Embedded ‘C’ program to interface the sensor LDR to Arduino SBC and display the data acquired from sensor on serial monitor. |  |  |  |
| 10 | 08/06/2023 | Develop a Python program to control the buzzer through Raspberry Pi. |  |  |  |