**INDEX**

|  |  |  |
| --- | --- | --- |
| **Lab No.** | **Name** | **Page No.** |
| 1 | Blinking LED | 1 |
| 2 | 7 segment LED design | 3 |
| 3 | Controlling AC Current Using DC Current | 7 |
| 4 | Analog-to-Digital Converter (ADC) Interfacing with Microcontroller | 9 |
| 5 | Temperature Sensor Interfacing with Microcontroller | 11 |
| 6 | DC Motor Speed Control Using PWM and Microcontroller | 13 |
| 7 | Servo Motor Control Using Microcontroller | 15 |
| 8 | Dot Matrix Display Interfacing with Microcontroller | 17 |
| 9 | Stepper Motor Interfacing with Microcontroller | 19 |