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| **S. No** | **Name of the Experiment** | **Remarks** |
| **1** | Study Of Proteus micro Vision |  |
| **2** | Blinking Of Led Using 8051 Microcontroller Using Proteus |  |
| **3** | Generation Of Square Wave Using Proteus |  |
| **4** | Fade In Fade Out Of Led Using 8051 Using Proteus |  |
| **5** | Stepper Motor Using 8051 Using Proteus |  |
| **6** | Interfacing Of Relay Using 8051 Using Proteus |  |
| **7** | Led Toggle Using 8051 Using Proteus |  |
| **8** | 7 Segment Display Using 8051 Using Proteus |  |
| **9** | Led Chaser Using 8051 Using Proteus |  |
| **10** | Study of ARM Processor |  |
| **11** | Write and execute C program to blink LEDs using software delay routine in LPC2148 kit |  |
| **12** | Write and execute C program to read the switch and display in the LEDs using LPC2148 kit |  |
| **13** | Write and execute C program to display a number in seven segment LED in LPC2148 kit |  |
| **14** | Write and execute C program for serial transmission and reception using on-chip UART in LPC2148 kit. |  |
| **15** | Write and execute C program for accessing an internal ADC and display the binary output in LEDS in LPC2148 kit. |  |
| **16** | Blinking of an Led using Arduino |  |
| **17** | Fading of an Led using Arduino |  |
| **18** | Interfacing a Water-Level Sensor with an Arduino |  |
| **19** | Interfacing an Ultrsonic Sensor with an Arduino |  |
| **20** | Mq-6 Gas Sensor interfacing with Arduino |  |