Class Hour- 2.00

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| Class | Topic | Topic Details |
| 1 | Introduction to  robotics and basic electronics component |  |
| 2 | Software Installation and Overview and Blinky |  |
| 3 | Arduino Architecture and Input Output | Digital input & uses of push button |
| 4 | Led Array Project | Cycle rear light animations |
| 5 | 7 segment | Counter |
| 6 | Analog Input | Pot input |
| 7 | Analogwrite | Dc motor & motor Driver |
| 8 | Servo Motor | Door lock |
| 9 | Bluetooth | Serial communication |
| 10 | Relay | Home Automation |
| 11 | PIR | Automatic Door |
| 12 | LDR | Automatic Light |
| 13 | LCD |  |
| 14 | Ultrasonic Sensor | Length measurement |
| 15 | Temperature Sensor | Temperature measurement |
| 16 | Buzzer/Tone | music |
| 17 | Keypad |  |
| 18 | DS1307 I2C |  |
| 19 | Extra |  |