

29th October 2023

Session-1

- Raspberry Pi Kit Introduction, Components, Noobs OS Installation
- Starting Raspbian OS, Familiarising with Raspberry Pi Components and interface, Connecting to ethernet, Monitor, USB.
- Displaying different LED patterns with Raspberry Pi. -3 Programs Covered
- Visitor Monitoring with Raspberry Pi and Pi Camera - 3 Programs Covered

5th November 2023

- Displaying Time over 4-Digit 7-Segment Display using Raspberry Pi -3 Programs Covered
- Controlling Raspberry Pi with Telegram. 2 Programs Covered
- Setting up Wireless Access Point using Raspberry Pi and Connect internet using RpiWifi
- IoT based Web Controlled Home Automation using Raspberry Pi