

Arduino Advanced

Level 8 | 48 Hrs. | Age group : 10 yrs. +

Description This course is the advanced level of which gives students an excellent platform for developing complex Arduino Projects. Students can make advanced projects and code in C/C++ to simulate the circuit as per the instruction given in the code. Arduino Advanced is built to enhance advanced coding skills, Logic building thinking and analytic skill to a higher level.

Skills you will Develop

- ▼ Logical Thinking
- ▼ Exposure to Advanced C/C++ Programming skills
- ▼ Exposure to Embedded System
- ▼ Hardware interfaced with Software Technical skills

What will you Learn ?

- ▼ 40+ Projects on App Development
- ▼ Mapping of Data
- ▼ Use of External Interrupt Pins
- ▼ Custom Functions within Arduino Structure
- ▼ Use of Port Manipulation
- ▼ LCD Interfacing
- ▼ IR Remote HEX code Decoding
- ▼ Use of Arrays
- ▼ Use internal EEPROM
- ▼ Some Applications of Arduino Advanced:
 - ▼ Printing Texts and Characters in LCD

Eligibility

- ▼ Interest towards Coding as well as Electronics Circuits
- ▼ Previous knowledge of Electronics and Circuits (Level 6) and Arduino Foundation (Level 7)

