

Start Tinkering Today with our best
and professional teachers





KNOW YOUR ARDUINO

- Arduino is open-source hardware, which is used by students to make advanced robotics projects. It empowers students with STEM-based learning.
- In this program, we help students to take a step towards working with technology professionally and learn important industry skills within engineering, IoT, and data processing

Class	Project/Activity	Understanding/Learning
1	Introduction to Arduino	Understanding Arduino basic
2	Block coding introduction	Introduction to the block coding
3	Motor system	Motor mechanism with its working
4	EV car design	Basic behind EV and its smart tech
5	Robotics arm design	Robotics basics and application
6	Smart restaurant safety system	Real-time project demonstration.
7	Smart LED pattern	LED logic understanding



8	Smart CLOCK	Clock working basics
9	Smart 7-segment Timer	7-segment working mechanism
10	LCD messaging app	LCD display functioning
11	LCD Smart visitor counter	LCD operational working
12	LCD monitoring system	LCD shifting understanding
13	Piano	Piano basic understanding
14	Smart garden	Soil-based sensors project
15	Smart Temp monitoring system	Smart temp monitoring system mechanism
16	Firefighter system	Fire safety mechanism
17	A smart micro-bit introduction	Smart Microsoft micro bit understanding
18	Heart Project and different shapes with a micro bit	Shapes designing and working using a micro bit
19	Micro bit Switch Toss	Logic design using a micro bit
20	Arduino Switch Toss	Advanced digital logic design