

Start Tinkering Today with our best
and professional teachers





ROBOTICS & ELECTRONICS?

- Virtual robotics and electronics are simulation-based electronics that were learning to make an advanced project without using hardware and machinery, which is the future of Indian technology.
- 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 Tinkercad	About the simulation tool testing
2	component identification and use	Components and their uses
3	Circuits linking with Led Blink with switch	Basic of the circuits and switching
4	Series parallel, multiple LED switching	Electrical connection basics
5	Home light & fan arrangement system	The light fitting is basic in the industry
6	Magical resistance switch	Resistance concepts and use
7	Introduction to robotics and Arduino coding	Robotics basic and Arduino coding



8	Traffic light and Smart police siren with LIGHT	Traffic light concepts
9	Smart dustbin	Smart devices basics
10	Smart kitchen safety device	Smart safety devices
11	Smart sanitisation machine	Smart mechanical devices
12	Smart Door System	The smart actuator system mechanism
13	Smart street Light	Light mechanism working for smart devices
14	The smart street light alert system	Real smart light mechanism working
15	Smart Door Security	Security system for door
16	Remote control car	Remote control basic and networking
17	The robotic police car with siren	Robotics basics
18	Smart Fire safety system	Temp and fire detection methods
19	Smart city project	Smart city planning methods
20	Smart home automation system	IoT basic and planning