



Innovator Program (Home Automation) - Tier 2 Curriculum

SESSION NO.	SESSION NAME
1	Introduction & TinkerCAD - Part 1
2	TinkerCAD - Part 2
3	Kit unpacking & checking
4	TinkerCAD - Part 3
5	Assembly part 1
6	Assembly part 1 Software
7	Assembly part 1 Software_1
8	LCD testing software
9	Run the robot
10	LCD testing software
11	Assemble hit switch and software
12	Hit switch real life functioning
13	IR Sensor Assembly and Software
14	Assembly of Servo motor and Ultrasound
15	Ultrasound with DC Motor
16	Servo Motor Testing
17	Basic testing of Servo motor with Ultrasonic sensor
18	"Obstacle detection - Part 1 (Using servo and ultrasonic)"
19	Obstacle avoiding - Part 2
20	Servomotor with Ultrasound sensor and IR sensor
21	Servomotor with Ultrasound sensor using IR sensor, LCD, Buzzer
22	Accelerometer introduction part 1
23	Accelerometer introduction part 2
24	Introduction of IR Array
25	Line follower Robot Part 1
26	Concluding Session

STUDENT'S JOURNEY

