

Training Programme on Robotics: Introduction to Innovation (Students sponsored under AICTE-SPICES)

Date and Venue of the event: -Sept. 1, 2021 to Sept. 15, 2021 , Online Platform

Level of the event: - College level.

Details of Speaker: - Mr. Ajay Godara, CEO, Enovate Skill

Objective of the event:-To learn the technical concepts, design and development of Robots and Drones.

Details(Execution):-

A training was organised on Robotics by Robotics Club SKIT under AICTE-SPICES. In this training, the students were taught about the robotic concepts that how to make interface of Arduino with sensors, how to build drones and testing of it. It was also demonstrated that how to use Arduino in various products/ projects i.e. Door Bell, and how to use Sensors to sense the colours, distance etc.

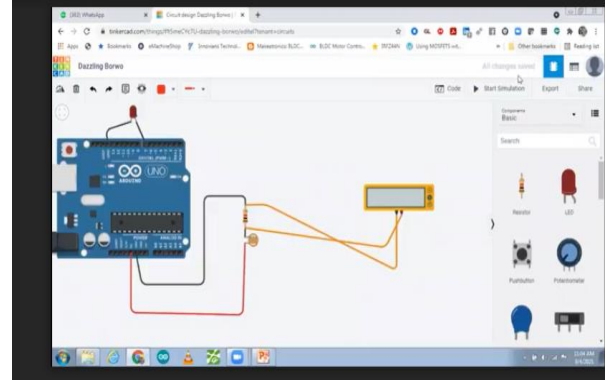
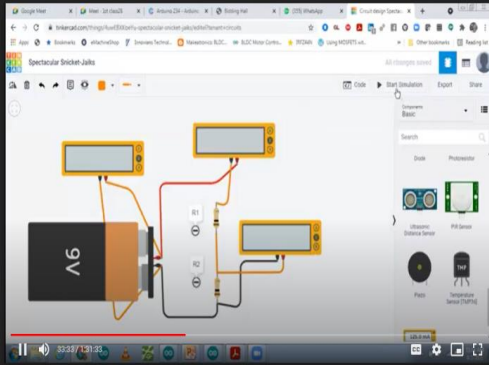
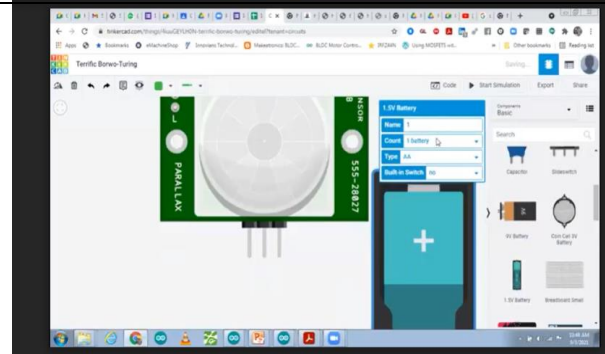
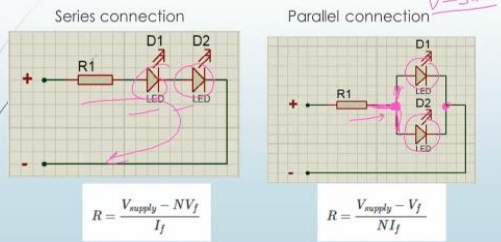
The students have enjoyed the training and Assignments were given to them about the learning Material.

The details of training day-wise is summarized as

Date	Time	Topic
Sept. 1, 2021	10:30am to 12:30PM	Introduction to robotics
Sept. 2, 2021	10:30am to 12:30PM	Basics of circuit and circuit simulation
Sept. 3, 2021	10:30am to 12:30PM	Introduction to Arduino and sensor interface with Arduino
Sept. 4, 2021	10:30am to 12:30PM	Automatic door bell project
Sept. 5, 2021	10:30am to 12:30PM	Assignment1
Sept. 6, 2021	10:30am to 12:30PM	Robot battery bank design and testing
Sept. 7, 2021	10:30am to 12:30PM	Robot motor driver
Sept. 8, 2021	10:30am to 12:30PM	Robot control app design and testing
Sept. 9, 2021	10:30am to 12:30PM	Obstacle direction robot making
Sept. 10, 2021	10:30am to 12:30PM	Programming for robot control
Sept. 11, 2021	10:30am to 12:30PM	Autonomous robot making
Sept. 12, 2021	10:30am to 12:30PM	Assignment2
Sept. 13, 2021	10:30am to 12:30PM	Introduction to drone and drone rules in India
Sept. 14, 2021	10:30am to 12:30PM	Drone motor and flight controller
Sept. 15, 2021	10:30am to 12:30PM	Drone testing and troubleshooting
Sept. 15, 2021	After 12:30PM	Quiz of all the sessions

Photos of event

Resistance calculation for LED



News article



ROBOTICS @SKIT

SKIT, Jaipur has organised a 15 days industrial training program (Sept 1 to Sept 15, 2021) on Robotics: introduction to innovation under AICTE-scheme for Promoting Interests, Creativity and Ethics among Students (SPICES). This training program was jointly organised by Robotics club, SKIT and Enovate Skill,

a start-up of NITTTR Chandigarh under the MoE, Govt. of India.

The training instructor Ajay Godara, CEO, Enovate Skill spoke about various aspects of technical education to fill the gap between Industry and Academia. The event was coordinated by Brij Mohan Sharma, Lalit Kumar Lata, Sudesh Garg and Pooja Choudhary. —CITY FIRST

