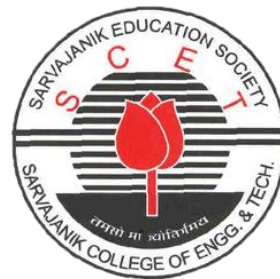




SARVAJANIK
UNIVERSITY

INCLUSIVE | INTEGRATED | INNOVATIVE



SARVAJANIK UNIVERSITY
**SARVAJANIK COLLEGE OF ENGINEERING &
TECHNOLOGY**

REPORT of
One day
“Robotics” Workshop

Organized by
Instrumentation and Control Department

Date: 22nd September,2023

Time:9:30 to 4:30 pm

Dr. Tejal Joshi
Faculty Coordinator,
I&Cdept,SCET

Prof. Jayana Rana,
Faculty Coordinator,
I&Cdept,SCET

Robotics Workshop Report –22nd September, 2023

The Instrumentation & Control Department has successfully organized a workshop of “**ROBOTICS**” on September 22, 2023 with the goal of covering basics of Robotics with various specific application developments, which can help student increasing their participation in different Robot competition. There were 24 participants who actively took part in the workshop.

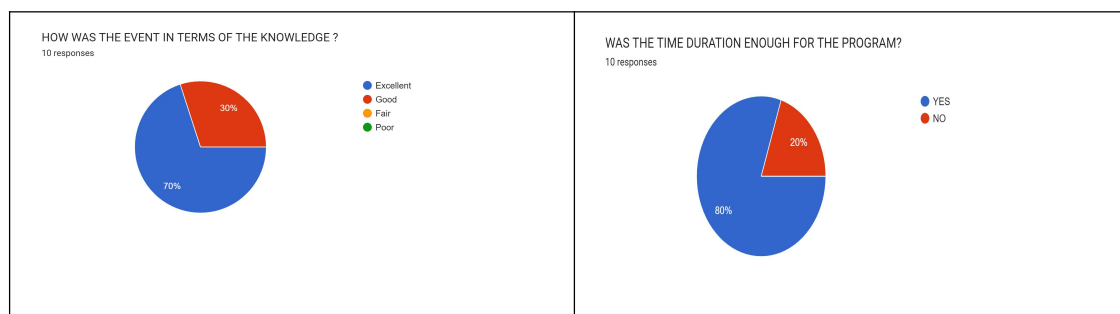
Highlights of the workshop

To guarantee a thorough knowledge of the topics, the training was separated into many sections. Following topics were covered to enhance the participants' learning experience.

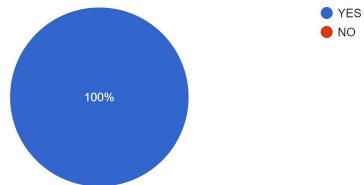
- Introduction to Robotics & Arduino Controller
- Actuator control using Arduino
- Assembling of RoboCar
- Ultrasonic Sensor Introduction and design of Obstacle avoidance Robot
- Remote controlled Robot
- White Line follower Robot

Hands-on exercises were integrated throughout the workshop. This approach allowed participants to reinforce their understanding and gain confidence in developing their own Wheeled Robot.

Feedback response statistics: Feedback was collected from all participants. The statistics of the feedback received are given below with query asked.



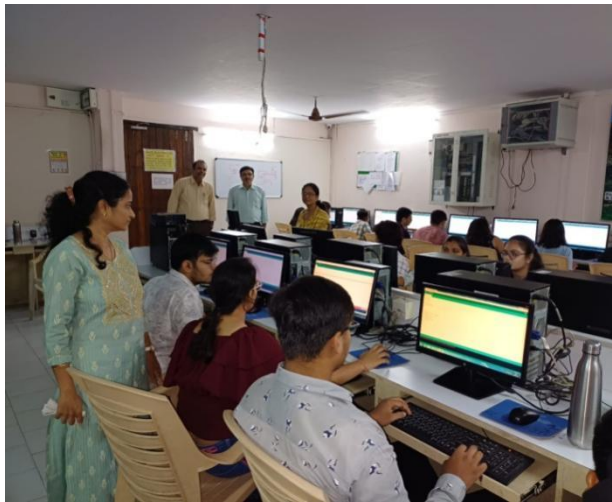
WOULD YOU LIKE TO JOIN SECOND PART OF THE WORKSHOP IF CONDUCTED?
10 responses



List of Participants:

SR no	Name	Email Address	Enrollment	Year of BE/BTech	Branch of Engineering	Paid Money Yes/No
1	Taashna Jariwala	taashnajariwala.aids21@scet.ac.in	ET21BTAI025	BTech III	AI-DS	100
2	Shrey Solanki	shreysolanki.ic21@scet.ac.in	ET21BTIC024	BTech III	I&C	100
3	Shrut Manjare	shrutmanjare.ic21@scet.ac.in	ET21BTIC003	BTech III	I&C	100
4	Vidhi Pathak	vidhipathak.ic21@scet.ac.in	ET21BTIC013	BTech III	I&C	100
5	shiv patel	shivpatelsss12345@gmail.com	ET21BTIC017	BTech III	I&C	100
6	Butani rutu vinodbhai	rutubutani.ic21@scet.ac.in	ET21BTIC003	BTech III	I&C	100
7	Shivam Vyas	shivamvyas.ic21@scet.ac.in	ET21BTIC027	BTech III	I&C	100
8	Patel Jay N	pateljay.ic21@scet.ac.in	ET21BTIC014	BTech III	I&C	100
9	Drashti Joshi	drashtijoshi.ic21@scet.ac.in	ET21BTIC025	BTech III	I&C	100
10	Chintan Baraiya	chintanbaraiya.ic21@scet.ac.in	ET21BTIC001	BTech III	I&C	100
11	Hiteshree V Varsale	hituseptember@gmail.com	ET21BTIC025	BTech III	I&C	100
12	Kartavy Bhagat	kartavyabhagat.ic21@scet.ac.in	ET21BTIC002	BTech III	I&C	100
13	Geet Pandey	geetpandey.ic21@scet.ac.in	ET21BTIC009	BTech III	I&C	100
14	Dhruvik Patel	dhruvikpatel.ic21@scet.ac.in	ET21BTIC012	BTech III	I&C	100
15	Jash D. Shastri	jashshastri.ic21@scet.ac.in	ET21BTIC022	BTech III	I&C	100
16	Jadhav Samarth Vinodbhai	samarthjadhav.ic20@scet.ac.in	2.0042E+11	BE IV	I&C	100
17	Dhvani Parikh	dhvaniparikh.ic20@scet.ac.in	2.0042E+11	BE IV	I&C	100
18	Ramã Gham	ramagham.ic20@scet.ac.in	2.0042E+11	BE IV	I&C	100
19	Pranavi Mehta	pranavimehta.aids21@scet.ac.in	ET21BTAI041	BTech III	AI-DS	100
20	Dhairya Pathak	dhairypathak.ic21@scet.ac.in	ET21BTIC018	BTech III	I&C	100
21	Parmar yash pankajbhai	parmaryash.ic21@scet.ac.in	ET21BTIC011	BTech III	I&C	100
22	Kushin	pltkushin03@gmail.com	2.0042E+11	BE IV	I&C	100
23	SHUBHAM SHAH	shubhashah.ic20@scet.ac.in	20042017017	BE IV	IC	100
24	Jaykumar Patel	jaykumarpatel.ic20@scet.ac.in	20042017017	BE IV	IC	100
25	Uishal A. Parmar	uishalparamar.ic20@scet.ac.in	20042017017	BE IV	IC	100
26	Bhatt Niket	niketbhatt.ec2@scet.ac.in	ET21BTE006	BE III	EC	100

Glimpses of Workshop:



Report Prepared and Compiled by
Jayana Rana and Tejal Joshi