

Sarvajanik College of Engineering and Technology
Department of Computer Engineering



A Report on One Day Workshop

“Working with IOT”

13th September, 2019

Organized By

IOT Club

Computer Engineering Department
Sarvajanik College of Engineering and Technology

Coordinated by

Prof. (Dr.) Pariza Kamboj
Prof. Vandana Joshi

Head of the Department

Prof.(Dr.) Pariza Kamboj
Computer Engineering Department

About the Workshop Topic & Contents

Workshop on “Working with IoT” was started with the fundamentals of the topic. Then the functioning of Arduino IDE was explained to the students through a presentation. First session covered a very basic application of blinking LEDs.

Furthermore, to make the attendees get familiar and used to the programming concepts, a brainstorming hands-on exercise of blinking 3 LEDs simultaneously as well as alternatively was given to the participants.

After the exposure about the basics and some applications, participants were motivated to think about some real time applications of the domain.

Next session covered the understanding about the digital and analogue sensors. During the session, IR sensor was explained and participants were given a few exercises on the IR sensor.

In the last session, a working project of an obstacle avoiding car from scratch was made and demonstrated by the team.

Participants

22 students of BE 2nd year (Computer Engineering) along with faculty members and 6 student coordinators.

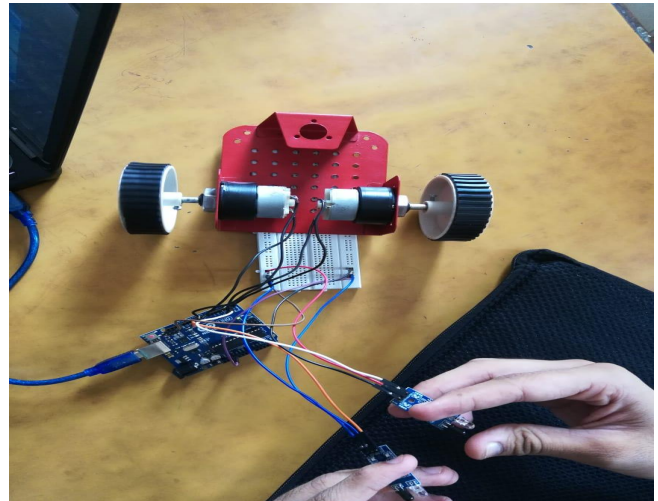
Conducted By

- Chovatiya Archil
- Patel Dhruvish
- Bahurupi Tejaswini
- Gondaliya Kartik
- Shingala Sahil
- Anghan Nancy

Attendance Sheet

13/9/19.	IoT Workshop		Date: / /
			Page No.
Sr. No.	Name.	Enrollment No.	Branch.
1/b	Akbari Darshita.	180420107501	CO-E (II)
2/b	Pansuriya Shrutti	180420107532	CO-E (II)
3/b	Dudhat Nandeep.	180420107511	CO-E (II)
4/b	Gajera Ajay	180420107512	CO-E (II)
5/b	Mamiya Dhruvit.	180420107526	CO-E (II)
6/b	Sahit Mangroliya.	180420107525	CO-E (II)
7/b	Gujarati Chirag.	180420107513	CO-E (II)
8/b	Yash Thummar.	180420107559	CO-E (II)
9/b	Maiyami Dharam	180420107524	CO-E (II)
10/b	Sonika Shah.	180420107552.	CO-E (II)
11/b	Riddhi Joshi	180420107517	CO-E (II)
12/b	Tinjala Bhavik.	180420107025	CO-M (II)
13/b	Jasiwala Bhawyang.	180420107023	CO-M (II)
14/b	Nickhi Patel.	180420107536	CO-E (II)
15/b	Nishu Rana.	180420107543	CO-E (II)
16/b	Nisha Kakadiya	180420107518	CO-E (II)
17/b	Gitali Rathod.	180420107544	CO-E (II)
18/b	Shivangi Sosa.	180420107556	CO-E (II)
19/b	Hardik Shah.	180420107551	CO-E (II)
20/b	Aadil Tajani	180420107558	CO-E (II)
21/b	Anas Kumda.	180420107029	CO-M (II)
22/b	Samket Naliyadare.	180420107530	CO-E (II)

Some Glimpses of workshop



Feedback

Some feedback for workshop given by the participants:

- Demonstration of working mini projects was very effective for understanding the contents clearly.
- It was an interactive knowledge sharing session with seniors during the demonstration of working projects. Would surely like to have a hands-on session on the Arduino board..
- Workshop environment was very jovial and lively in addition to the knowledge enhancement. Was a pleasant experience!
- The best part was the volunteers were very supportive and enthusiastic. I

genuinely look forward to attending many further workshops from the same team of our Department.

Acknowledgments

- We are thankful to Dr. Pariza Kamboj and Prof. Vandana Joshi for motivating us to conduct such workshops for our peers and guiding us through.
- We also thank our HoD Dr. Pariza Kamboj for granting permission for the said event & extending all the support required.
- Lastly we thank all the participants without whom the workshop could not have been planned and executed.