

REPORT ON IOT WORKSHOP

Name of Event: IOT Workshop
Date and time of Event: October 7 and 8, 2022 from 9 am to 2 pm
Location of Event: CL-02(IoT Centre Of Excellence Lab), CS Block, SKIT
Number of Persons Attended: 30
Sponsoring Organization(s): IEEE CS & MTT SBC, SKIT M&G

Event brochure/ banner:

 | 7th & 8th Oct 2022  **IEEE DAY 22**

HANDS-ON IOT WORKSHOP

7/10/22-8/10/22
9:00 AM-2:00 PM
CL-2(IOT CENTRE OF EXCELLENCE LAB)
CS BLOCK

We are providing an excellent opportunity to 30 students only on first come first serve basis in association with **Centre Of Excellence for Internet of Things (IoT-CoE)** to get hands-on experience in the field of IoT under the guidance of industry expert.



Trainer- Mr. Kartavya Jain
Founder
Seldom India

Certificates will be provided to those who attend the IoT Workshop
Registration Link : <https://bit.ly/m/ieee-skit>

IEEE-CS & MTT SBC @SKIT, M&G

FACULTY COORDINATORS	STUDENT COORDINATORS
Dr. S. Sarabjeet Singh , CSE	Radhika Soni
Dr. Yogendra Gupta , CSE	Chirag Sharma

 ieee.csi@skit.ac.in  9468739571, 9828483582

Workshop Summary

On October 7th-8th, IEEE-CS & MTT-S SBC organized a Hands-on IOT workshop for 30 students out of 1000 entries on basis of first come first serve basis to get hands-on experience in the field of IoT under the guidance of industry expert Mr. Kartavya Jain (Founder of Seldom India). The trainer of this workshop was Mr. Prashant Singh and Mr. Ajay who envisioned the students about IoT and its scope in present and coming future.

On day one, Mr. Prashant in a roarty way started his conversation with students and motivated them to speak up and share their knowledge and ask queries about this field. He explained the term and meaning of “IoT” lucidly by giving various practical examples and applications. He encouraged students to have a strong command on core subjects like Digital Electronics, Computer of Architecture, Microprocessors, Networking, etc, and to polish their technical skills by practicing more. He advised students to “stick to the basics” because it is a great way, to solve all problems. He then explained the concept of Arduino in detail and then encouraged students to work practically on Tinkercad (cloud-based simulator) about this, in which students were able to simulate their circuit designs . In the end, students were assigned some problems as homework.

On day two, in the beginning, Mr. Prashant talked about wireless communication commands, different sensors like- Proximity sensor in the phone screen, aero axle sensor, etc., and various other terms and topics related to IoT. Then homework problems were discussed, meanwhile, students asked their queries as well. After that, more complex problems were introduced and discussed, making the session more valuable.

Finally, the session came to an end. In JC Bose Auditorium, the Valedictory Function of IEEE Day celebration activities was organized, where students received certificates of participation and volunteering from Mr. Kartavya Jain.

The faculty coordinators of this event were – Dr. S. Sarabjeet Singh, Associate Prof, CSE, and Dr. Yogendra Gupta, Assistant Prof, CSE. The student coordinators were – Radhika Soni and Chirag Sharma.

Glimpses of the event –







Swami Keshvanand Institute of Technology, Management &
Gramothan,
Ramnagar, Jagatpura, Jaipur-302017

Expenditure details of IEEE Day Celebration (3rd to 8th October 2022)

S. No.	Name of Item	Quantity	Amount to be paid	Details
1.	Poster Making (Winner's prize money) prize1-500/- prize2-300/- prize3 -150/-	-	950/-	Annexure 1.
2.	IEEE Celebration Cake	01	700/-	Annexure 2.
3.	Flex banner standee Certificate	6 120	3481/-	Annexure 3.
4.	Honorarium amount for Trainer of IOT Workshop from SELDOM India	2 Days	5,000/- (2500/- per day)	Annexure 4.
5.	Stationary Item Double sided tape, marker pen, poster print out on glossy paper Poster for competition	-	1340/-	Annexure 5.
6.	T-shirt for IEEE Members (Per piece 400/-)	5	2,000/-	Annexure 6.
Total expenditure			13471/-	

Nilam
10-11-22
Dr. Nilam Choudhary
Advisor, IEEE-CS-SBC, SKIT

Shubhi Jain
Dr. Shubhi Jain
Advisor, IEEE-MTT-S-SBC, SKIT

Mukesh
10-11-22
Prof. (Dr.) Mukesh Kumar Gupta
HOD, CSE

Mukesh Arora
10/11/2022
Prof. (Dr.) Mukesh Arora
HOD, ECE

