

### Report on IoT Workshop conducted through ISTE

Respected Sir/Madam,

I am pleased to present a report on the IoT workshop conducted through ISTE on 16th and 17th March 2023. The workshop aimed to provide hands-on experience with IoT systems and acquaint participants with NodeMCU, ChatGPT, and Arduino for IoT programming. The workshop was conducted by Dr. Ninad Mehendale, Faculty-in-charge, and overseen by Prof. Ruchira Jadhav, who handled all the management aspects of the workshop.

A total of 11 participants registered for the workshop, out of which 10 students participated without the IoT kit, and one student opted for the kit registration by paying INR 3000/-. The IoT kit worth INR 2200/- was provided to the student who opted for the kit. The total revenue generated from the workshop was INR 10800/-, which will be used to purchase more IoT kits and components for future workshops.

The workshop was conducted from 8:30 to 4:30, and a total of 12 hours of lectures were delivered by Dr. Ninad Mehendale. The objectives of the workshop were successfully met, and the participants were trained in IoT systems. They worked on a total of 12 experiments on their own and in teams, and were confident about their skills by the end of the workshop.

It is worth mentioning that two faculties, Dr. Makrand Kulkarni and Prof. Madhura Pednekar, who participated in the workshop as learners, expressed their interest in conducting future sessions of the workshop, which is an excellent outcome of this workshop.

The felicitation of the participants was conducted by Prof. Ruchira Jadhav, and the Principal, Dr. Shubha Pandit, graced the occasion and motivated the participants. Dr. Ninad Mehendale delivered the vote of thanks, and the workshop ended on a positive note, with the participants motivated to solve more real-world problems using IoT.

In conclusion, the IoT workshop conducted through ISTE was a success, and the participants gained valuable knowledge and hands-on experience in IoT systems. We hope to conduct more such workshops in the future and thank you for your support in organizing this workshop.

#### Details of Payment:

Receipt No	Merchant Tax No	Name	Bank Reference No.	Date	Amount			
194919	M-98996-N.A.	SAWANT SHREYA DEEPAK	1.10002E+13	15-03-2023	3,000.00	9869314147	<a href="mailto:sds593077@gmail.com">sds593077@gmail.com</a>	ISTE IoT Workshop
194920	M-98997-N.A.	MADHURA AMEY PEDNEKAR	1.10002E+13	15-03-	1,000.00	9920247530	<a href="mailto:madhura.pednekar@somaiya.edu">madhura.pednekar@somaiya.edu</a>	ISTE IoT workshop

				20 23				
194 921	M- 99000- 16043 3	PUSHPA SANTOSH NAIK	1.1000 2E+13	15 - 03 - 20 23	1,00 0.00	97692 38265	<a href="mailto:pushpanaik@somaiya.edu">pushpanaik@somaiya.edu</a>	ISTE IoT Work shop
194 922	M- 99001- 16047 0	AARTI LAXMAN PARAB	1.1000 2E+13	15 - 03 - 20 23	1,00 0.00	97736 49295	<a href="mailto:aarti.parab@somaiya.edu">aarti.parab@somaiya.edu</a>	ISTE IoT Work shop
194 924	M- 99003- 16023 8	RASHMI GOKHALE	1.1000 2E+13	15 - 03 - 20 23	1,00 0.00	98212 32338	<a href="mailto:rkgokhale@somaiya.edu">rkgokhale@somaiya.edu</a>	ISTE IOT Work shop
194 925	M- 99004- 31202 12362	ADITYA JHA	1.1000 2E+13	15 - 03 - 20 23	1,00 0.00	87795 37721	<a href="mailto:jha.aj@somaiya.edu">jha.aj@somaiya.edu</a>	ISTE Work shop
194 926	M- 99005- 16087 0	DR. JITENDRA SATAM	1.1000 2E+13	15 - 03 - 20 23	1,00 0.00	87794 87963	<a href="mailto:jitendrasatam@somaiya.edu">jitendrasatam@somaiya.edu</a>	ISTE IoT Work shop
194 927	M- 99006- 16003 9	DR. MAKARAND GOVIND KULKARNI	1.1000 2E+13	15 - 03 - 20 23	1,00 0.00	99692 56375	<a href="mailto:makarandkulkarni@somaiya.edu">makarandkulkarni@somaiya.edu</a>	ISTE IOT Work shop
194 930	M- 99009- 16023 9	SUDHIR V CHAUDHARI	1.1000 2E+13	16 - 03 - 20 23	1,00 0.00	98191 64095	<a href="mailto:svchaudhary@somaiya.edu">svchaudhary@somaiya.edu</a>	ISTE IOT Work shop
194 931	M- 99010- 16024 1	KIRAN V KARDILE	1.1000 2E+13	16 - 03 - 20 23	1,00 0.00	98691 78728	<a href="mailto:KVKARDILE@SOMAIYA.EDU">KVKARDILE@SOMAIYA.EDU</a>	ISTE IOT Work shop

194 933	M- 99013- 16026 0	NUTAN DATTARAM DHURI						
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**Attendance was mandatory and 100% attendance was observed throughout the course.**

Objectives of the IoT Workshop:

- To provide hands-on experience with IoT systems
- To acquaint participants with
  - NodeMCU,
  - ChatGPT for programming IoT board,
  - Arduino for IoT programming

Outcomes of the IoT Workshop:

- 11 participants well trained in IoT systems
- Confident students who did a total of 12 experiments on their own and in teams
- IoT kits purchased for the college
- Revenue generated for purchasing more hardware related to IoT systems
- Two faculties trained in this workshop, Dr. Makrand Kulkarni and Prof. Madhura Pednekar, who are now transformed from learners to teachers and would like to conduct the next sessions of the workshop

**E-Certificates were given to all participants.**

**Sample attached:**



## Certificate of Completion

**NUTAN DATTARAM DHURI**

has successfully completed  
**“Hands-on workshop on Internet of Things”**  
from 16<sup>th</sup> March 2023 to 17<sup>th</sup> March 2023 conducted by  
**K. J. Somaiya College of Engineering, Vidyavihar, Mumbai**



  
**Dr. Ninad Mehendale**  
Instructor

  
**Mrs. Ruchira Jadhav**  
ISTE, Faculty Chapter



**Glimpses of the workshop**



