

K. J. Somaiya College of Engineering, Mumbai-77 (A Constituent College of Somaiya Vidyavihar University) Department of Electronics Engineering



#### **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.

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920	98997-	AMEY	2E+13	-	0.00	47530	@somaiya.edu	IoT
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#### **Details of Payment:**





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194	M-	PUSHPA	1.1000	15	1,00	97692	pushpanaik@somai	ISTE
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194	M-	AARTI	1.1000	15	1,00	97736	aarti.parab@somai	ISTE
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194	M-	RASHMI	1.1000	15	1,00	98212	rkgokhale@somaiy	ISTE
924	99003-	GOKHALE	2E+13	-	0.00	32338	<u>a.edu</u>	IOT
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194	M-	ADITYA JHA	1.1000	15	1,00	87795	jha.aj@somaiya.ed	ISTE
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194	M-	DR.	1.1000	15	1,00	99692	makarandkulkarni	ISTE
927	99006-	MAKARAND	2E+13	-	0.00	56375	@somaiya.edu	IOT
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194	M-	SUDHIR V	1.1000	16	1,00	98191	svchaudhary@som	ISTE
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194	M-	NUTAN			
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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 2O23 to 17<sup>th</sup> March 2O23 conducted by **K. J. Somaiya College of Engineering, Vidyavihar, Mumbai** 

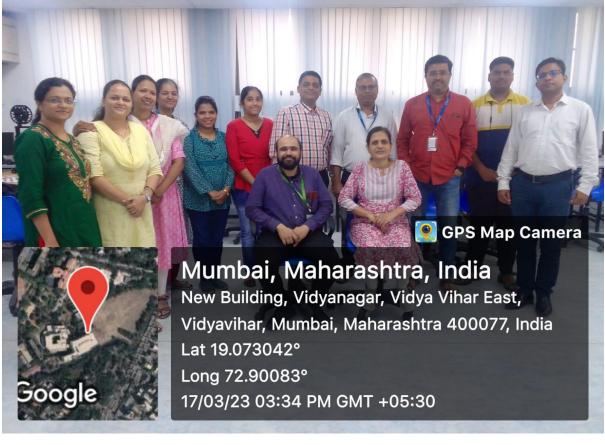
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TRUST	Dr. Ninad Mehendale Instructor	Mrs. Ruchira Jadhav ISTE, Faculty Chapter	



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### Glimpses of the workshop







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