CHHOTUBHAI GOPALBHAI PATEL INSTITUTE OF TECHNOLOGY
Department of Electronics & Communication Engineering and
Information & Communication Technology
A REPORT
On
ONE DAY WORKSHOP ON "GETTING STARTED WITH IOT"

Organizing Department	**Department of Electronics and communication Engineering /Information and Communication Technology**
Patron	Prof. B.M. Vadher, Director, CGPIT.
Convenor	Dr. Mayank Kapadia, Head EC/ICT Department
Programme Coordinator	Prof. Nita Patil
Target Audience	UG & PG Students
Total Number of Participants	28
Date of Programme	19th February 2024
Invited Speakers	Mr. Parth Gadhiya, Co-Founder & Techno Commercial Head of Memighty Inventions Pvt. Ltd..

Schedule of Workshop:

Timing	Topics	Session Details	Speaker Details
9:00 AM - 9:15 AM	**Registration and Welcome Tea/Coffee**	• Participants arrive and complete the registration process. • Light refreshments will be provided.	Mr. Parth Gadhiya, Co-Founder & Techno Commercial Head of Memighty Inventions Pvt. Ltd.
9:15 AM - 9:30 AM	**Inaugural Session**	• Opening remarks by the Head of the Department. • Introduction to the workshop objectives and schedule. • The Director has explained the importance of the workshop in the engineering curriculum.	
9:30 AM - 10:30 AM	**Session 1:** • Evolution of IOT technology. • Example based on real life use of IOT technology .	• The evolution of different generation from 1G to 5G with IOT • The example of cat and pigeon used in missiles • The understanding of history of technology to understand the future trends	

		• Monitoring the street light before it gets damaged.	
10:30 AM – 11:30 AM	**Session 2:** • Difference between product base company and service base company. • Needs of both technical and non-technical skills in industry. • The brief introduction about the product that were made by their company.	• The service base company serve to the other company. • One should always have risk taking ability in life. • They also stated that Chinese products are sold because they are cheaper and they don't have safety measures.	
11:30AM – 12:30PM	**Session 3:** Doubt solving session.	• The doubt is being solved by the speaker regarding the whole session.	

Details of the Workshop:

Preamble:

Department of Electronics & Communication Engineering/Information and Communication Technology, CGPIT, UTU held a one-day workshop on February 19th, 2024, which saw the participation of 28 attendees comprising students from B. Tech programs, including Information and Communication Technology, Electronics and Communication Engineering, and Mechatronics Engineering.

The workshop commenced with an opening address delivered by a student from the ICT department. The Head of EC/ICT, Dr. Mayank Kapadia provided an overview of IoT technology and extended a warm welcome to the event's speaker.

Prof. B.M. Vadher, the esteemed Director of CGPIT, delivered an inspiring speech, encouraging both faculty and students to apply theoretical knowledge practically. He commended the EC/ICT Department for organizing such an impactful workshop and praised their exemplary coordination.

Throughout the event, the program coordinator ensured smooth facilitation, and the proceedings concluded with Prof B M Vadher presenting felicitations.

Session Details:

Conducted on 19th February 2024
• Evolution of IOT technology.
• Generation of Technology evolves from 1G to 5G.
• Many innovative ideas have been emerging from history to future trends like IOT.
• The types of skills required in industry.
• How a product base company is different from service base company?
• The future trends in IOT.
• How AI/ML can be combined with IOT.
• The streetlight project of Memighty invention company.
• The home automation using IOT.
• How non-technical skill is also required with technical skill.

- The ability to take risk and responsibility can make one successful.
- How priority is giving to a human in terms of network tower than another machine.
- Sim card technology is also used in IOT.

(Above contents were delivered by Mr. Parth Gadhiya, Co-Founder & Techno Commercial Head of Memighty Inventions.)

Glimpse of the Workshop:

Inauguration speech

Director's speech

Convenor's speech

The speaker

Student Feedback

Speaker Felicitation

Group photo

C. G. Patel Institute of Technology
Department of EC/ICT
One Day Workshop on "Getting started with IoT"
On
19th February 2024
Attendance Sheet

Sr.No	Branch/Sem	En. No	Student Name	Sign
1		202103103510121	Chirag Patil	*(signed)*
2		202103103510122	Shreyansh Maheshbhai Borad	*(signed)*
3		202103103510219	SUTARIA MANN MANISHBHAI	*(signed)*
4		202103103510268	DAYANI TISHA RAJUBHAI	*(signed)*
5		202103103510269	SUTARIYA RIDDHI DINESHBHAI	Riddhi
6		202103103510270	Jariwala Trisha	Trisha
7		202103103510276	AJITH BHASKARAN	*(signed)*
8	B Tech ICT (6th Sem)	202103103510374	Bhavini Ajaysinh Dodiya	*(signed)*
9		202103103510379	Suthar Manishkumar Sanwalaram	Manish
10		202103103510411	Rathod Gautam Manoj	Rathod
11		202103103510417	Savita Yadav	Savita
12		202103103510460	AHIR NITIN VALLABHBHAI	*(signed)*
13		202103103510471	Patel Harsh Kiritbhai	*(signed)*
14		202203103520046	DEVIPRASAD SWAIN	Devi Swain
15		202203103520068	SAMEER JAHANGIR ALAM	*(signed)*
16		202203103520157	VAIBHAVI CHANDRAMANI DWIVEDI	Vaibhavi
17		202103103510279	Jaykumar Roshanlal Sharma	
18	B Tech EC (6th Sem)	202103103510352	Aayush Kumar Jha	
19		202103103510500	Shweksha Premshankar Singh	Singh
20		202103103510051	Kumawat Aryan Navratanmal	Aryan
21		202103103510082	Kaushal Jayeshbhai Pandya	
22	B Tech Mecha (6th Sem)	202103103510158	Tailor Harsh Shaileshkumar	Harsh Tailor
23		202103103510461	Hiten Pramod Rajput	
24		202103103510513	Jariwala Sakshi Nilesh	Patel
25		202203103520001	Kothari Aash Shrujit	AK
26		202003103510016	Vinit Bhavsar	Vinit
27	B Tech Mecha (8th Sem)	202003103510053	Harsh Kinnar Panchal	H.Panchal
28		202003103510127	Rohit Manoj Parmar	*(signed)*
29	M Tech ICT (2nd Sem) EC	202304106161000	Khyati H. Yadav	*(signed)*