

CHHOTUBHAI GOPALBHAI PATEL INSTITUTE OF TECHNOLOGY
Department of Electronics & Communication Engineering

A REPORT
ON
One Day Hands-on Workshop on “PCB Design” on 13th March, 2026

Organizing Department	Department of Electronics and communication engineering
Chief Patron	Dr. Y. P. Kosta, Provost, UTU.
Patron	Prof. B.M. Vadher, Director, CGPIT.
Convenor	Dr. Mayank R. Kapadia, Head EC/ICT Department
Programme Coordinators	Prof. Nita Patil
Target Audience	UG & PG Students
Total Number of Participants	19
Date of Programme	13 th March ,2026
• Invited Speakers	• Mr. Kamal Sonani, Founder, R&D ~ Product Development Head of Sonani Electronics Associate with Tez Technologies • Mr Devang Parekh, Technical head, Sonani Electronics Associate with Tez Technologies.

Details of the Workshop:

Department of Electronics & Communication Engineering, CGPIT organized a one-day workshop at Uka Tarsadia University on 13th March 2026. A total of 19 participants participated in this workshop from B. Tech which includes Information and communication technology, Electronics and communication engineering.

The workshop started with the UTU anthem as per tradition; our experts were felicitated by the coordinators Prof. Nita Patil of the workshop. Dr. Mayank Kapadia gave a brief introduction about the electronic components and also welcomed the speaker of the event.

Honourable Director of CGPIT, Prof. B.M. Vadher gave the motivational speech. He motivated the faculties and students to participate in the practicality of the curriculum and also explained the importance of reading books. He also congratulated the EC Department for organizing such a workshop. He also appreciated the efforts made by the EC Department with the great coordination. One of the students participating has given a welcoming speech.

The program coordinator coordinated the program well and ended with a felicitation process by Prof. B.M. Vadher.

Session Details:

- Basic components of electronics.
- Basic concepts of the components used in electronics.
- Schematic designs, PCB designs also about flexible PCB.
- Components such as Register, Capacitor, Inductor, MOSFET, Zener diode.
- Microprocessor and Micro controller.
- Also discussed about the Arduino, Raspberry Pie, LED, Multiplexing
- Explained the basic about the IOT, Motherboard, Communication.
- Protocol Design and about basic hardware.
- Schematic, Hardware, 3D Printing.
- Also mention some useful websites for students to use for clearing their doubts such as "Easy Eda", www.diode.com.
- Schematic view of PCB and about Stepper motors.

Speaker Details:

Mr. Kamal Sonani,
Founder, R&D ~ Product Development
Head of Sonani Electronics Associate with Tez Technologies.
Mr Devang Parekh
Technical Head, Sonani Electronics Associate with Tez Technologies.

Glimpse of the Workshop:





Students attendance sheet:-

Date: 18/08/26			
* PCB Workshop *			
M T W T F S S Page No. R Date:			
1.)	Het Patel	202303103510048	
2.)	Chirag Patel	202303103510229	
3.)	Bhumi Patel	202303103510049	
4.)	Vinit Pandey	202403103510214	Vinit
5.)	Patel Pooja T.	202403103510426	P.T. Patel
6.)	Hiya Hirpara	2025031035200157	Hiya
7.)	Prabha Sahani	" " " 015	Prabha
8.)	Rashi Shukla	022	Rashi
9.)	Manish Patil	202402103510582	Manish
10.)	Unmay Chaudhary	20 " " " 579	Unmay
11.)	Harsh Thummara	20 " " " 080	Harsh
12.)	Patil Mohit	20 " " " 273	Mohit
13.)	Desai Karish	202503103520041	Karish