



Sinhgad Institutes

Sinhgad Technical Education Society's

RASIKLAL M. DHARIWAL SINHGAD TECHNICAL INSTITUTES CAMPUS

Approved by AICTE, Recognized by Government of Maharashtra, Affiliated to S. P. Pune University

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Regd. Off. STE Society, 19/15, Erandwane, Smt. Khilare Marg, Off. Karve Road, Pune 411 004 Web: rmdstic.sinhgad.edu

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING.

Report On Two day's Workshop Of "PCB Design"

Sr. No	Event Details	
1)	Name of Event	PCB Design Workshop
2)	Institute name	RMD Sinhgad School of Engineering.
3)	Date, Time, and Venue of Event	10/04/2023 to 11/04/2023 10.00 am to 5.00 pm, Lab: 511
4)	Participants	SE & TE Students
5)	Purpose	Students get knowledge about PCB design and are Capable to design PCB
6)	Teacher Coordinator	Prof. Shilpa Dhanorkar Prof. Bhavna Pawar
7)	Volunteers	Staff Members.



About Activity:

On behalf of the E&TC Department, we have organized a two-day workshop on “PCB DESIGN” on 10/04/2023 and 11/04/2023, in collaboration with Crescent Electronics Pvt. Ltd. Our Electronics & Telecommunication Engineering department arranges various kinds of Workshops on a continuous basis to enhance student's practical & technical skill and to make them compatible with industry.

On 10th April 2023, the first session of the expert talk started online at 3.00 pm by Dr. Jayshree Das, Associate Professor in the department of ECE at B.V. Raju Institute of Technology. She starts with the introduction of PCB Designing, the Benefits of the workshop, and its applications. She has explained the basic concepts of PCB Designing, Single layer, double-layer, and multi-layer PCB. Also sharing knowledge about flexible & fixed layouts which is useful for students during practically PCB designing.

On 11 April 2023, the first session of the expert talk started at 11.00 am by Mr. Homraj M.Reddy, Praisin Solutions

Pune, He focused on PCB Designing Uses, scope, and applications of PCB. He also explained various circuits. which can be used often by students and motivates students to keep designing such circuits.

The afternoon session of Hands-on started at 2:00. P.M., by Mr. Ramkrishna Morajkar, from Crescent Graphics Pvt, Ltd. He explained PCB making procedure & do's and don'ts of making PCB. He also explains various circuits which can be used often by students and motivates students to keep designing such circuits, An interactive session was also organized to bridge the gap of knowledge between students and faculties. Different queries of students regarding printed circuit boards were solved and briefly explained by the faculties.

The following content are covered in the workshop:

- 1) PCB Design
- 2) Make a Positive & Negative Film
- 3) Dip Coating Of PCB
- 4) Etching of PCB
- 5) Dying Of PCB

The duration of this workshop was divided into different hands-on sessions. The entire participants were divided into batches of 12 students each for practically making PCB.



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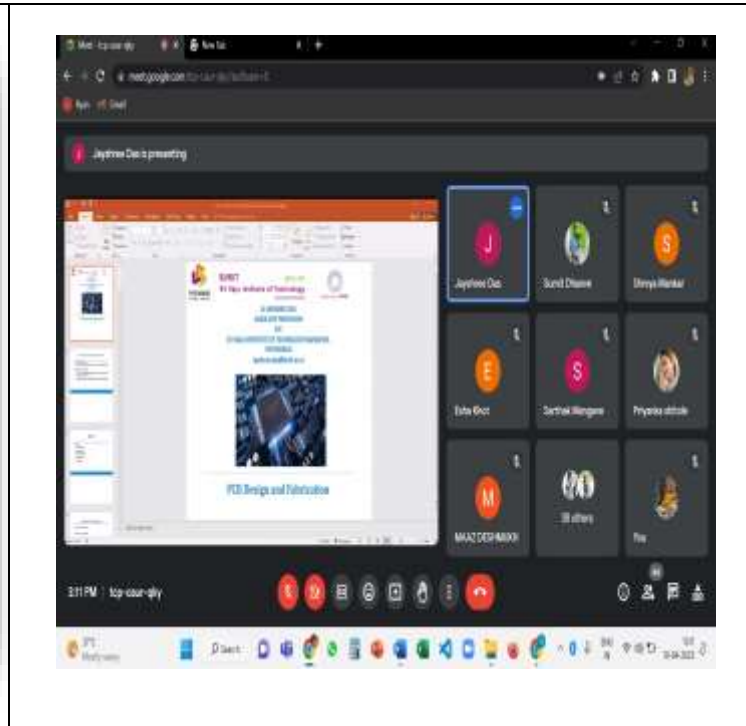
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Photographs:



Flyer Of Two Days “PCB DESIGN “WORKSHOP



Online session by Dr. Jayshree Das explaining PCB design and Fabrication



Introduction to PCB Designing by Mr.Homraj Reddy



Hands-on PCB Designing Process explained by Mr. Ramkrishna Morajkar



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Program outcome:

The two days workshop on PCB Design was completed successfully, Students gain a basic concept of PCB design for any Electronics Project. The practical performance was a great experience for the students which will be helpful for them to make various projects based on PCB designing

Mrs. Shilpa Dhanorkar /Ms. Bhavna Pawar
Event -Coordinator

Mrs.Varsha Kshirsagar
HOD (E&TC)