ANJUMAN-I-ISLAM'S

KALSEKAR TECHNICAL CAMPUS, NEW PANVEL

Approved by : All India Council for Technical Education, Council of Architecture, Pharmacy Council of India New Delhi,
Recognised by : Directorate of Technical Education, Govt. of Maharashtra, Affiliated to : University of Mumbai.

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DEPARTMENT OF ELECTRICAL ENGINEERING
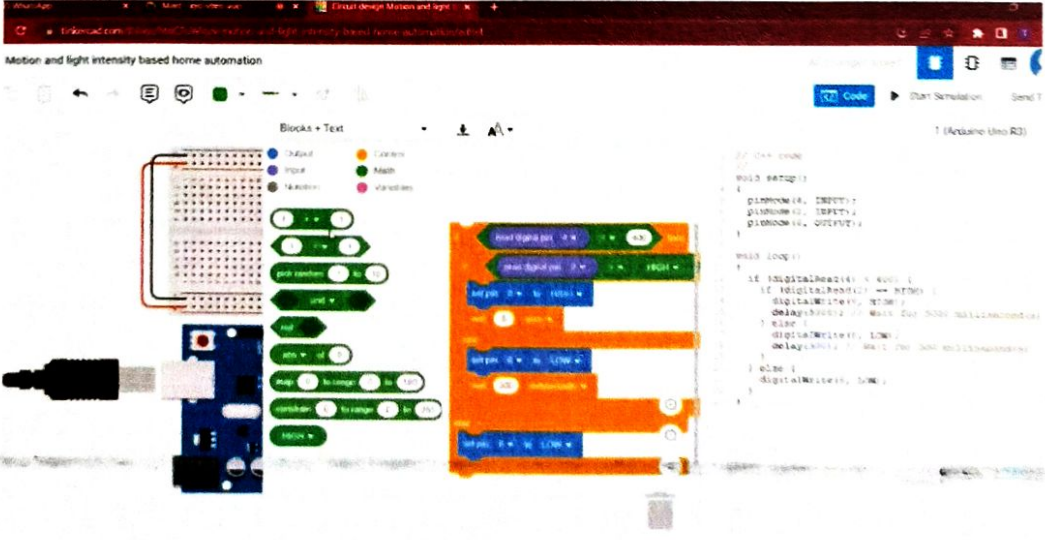
REV: 00	**EXPERT LECTURE REPORT**	IIC-03

School/Department: SoET Electrical Engineering Department   **Date:14ᵗʰ Septmber, 2023**

Name of resource person:	**Mr. Anojkumar Yadav.**
Designation:	Asst. Professor Viva Institute of Technology Virar, Thane
Contact details:	**09967357677 Email-Id:anj_ydv@rediffmail.com**
Date of expert lecture:	**13ᵗʰ September, 2023**
Title of Lecture:	**Circuit Design using Tinkercad**
Organized by :	**AIKTC, New Panvel, Navi Mumbai.**
Target audience:	**Third Year Electrical Students**

DETAILS OF EXPERT LECTURE:

Aims/ Objectives:	The objective of expert session is to impart knowledge about the simulation tools available for circuit design, analysis, and interfacing for basic electrical circuits. This will help students to design the mini project.
Description of Expert lecture:	A expert talk on "Circuit Design using Tinkercad" was organized by Anjuman-I-Islam's Kalsekar Technical Campus by electrical department. Asst. Prof. Shraddha Kumawa tintroduced resource persons of the event to the participants. The resource person handled the session on Tinkercad. The session covers the topics on Introduction to Tinkercad, Account creation in the portal, layout explanations, components like sensors, controllers, input and output devices are explained. Circuits like LED Interfacing, Ultrasonic sensors with buzzers/lamps, PIR Sensors, Gas Sensors, Temperature sensors interfacing , Arduino board programming was demonstrated to the participants. Totally, there are 32 participants attended the session. All in all, it was a wonderful talk and we did receive very good feedbacks about the speaker and the contents of the talk.

I n n o v a t i v e   T e a c h i n g - E x u b e r a n t   L e a r n i n g

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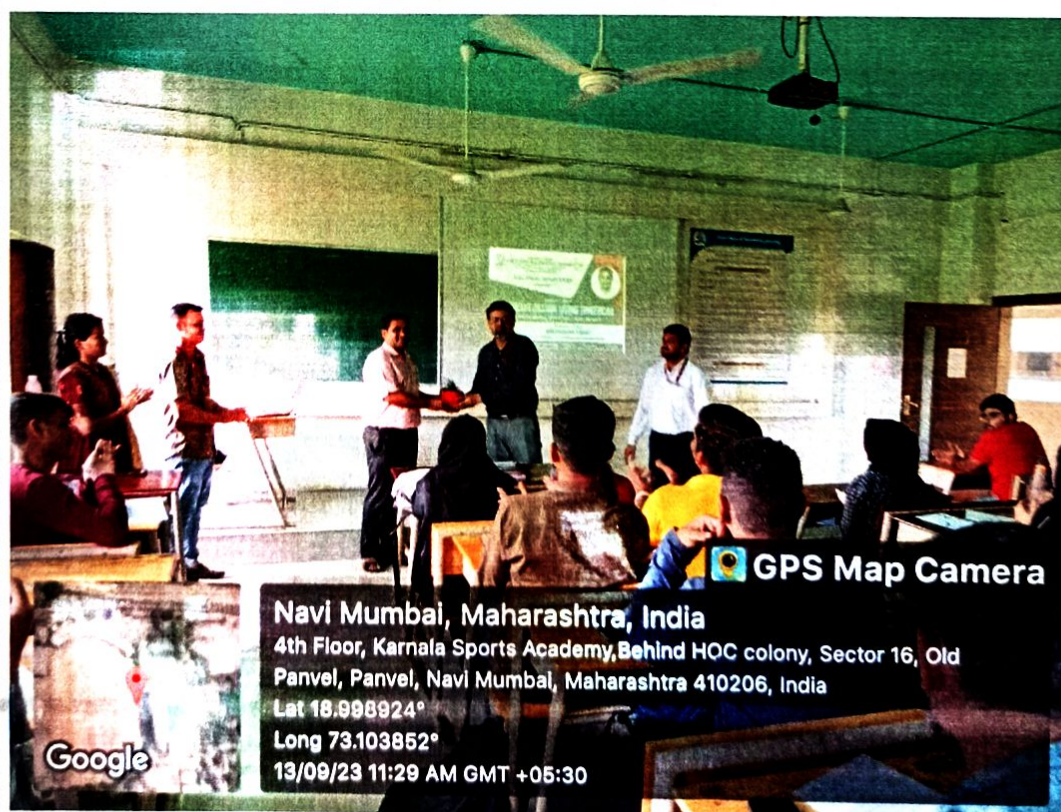Recognised by : Directorate of Technical Education, Govt. of Maharashtra, Affiliated to : University of Mumbai.

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Chota Khanada, Dhakta Khanda, Khanda Colony, Panvel, Navi Mumbai,
Maharashtra 410206, India
Lat 19.002895°
Long 73.104109°
13/09/23 10:34 AM GMT +05:30
Google

GPS Map Camera

Navi Mumbai, Maharashtra, India
4th Floor, Karnala Sports Academy, Behind HOC colony, Sector 16, Old
Panvel, Panvel, Navi Mumbai, Maharashtra 410206, India
Lat 18.998924°
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410206, India
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Long 73.104126°
13/09/23 10:37 AM GMT +05:30

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Outcome of Expert Lecture:	COs addressed: Students are able

- **Design** and **Analyze** circuits parameter and learn to select suitable devices by assessing the requirements of application fields.
- **Formulate** and **analyze** a power electronic design at the system level and **assess** the performance.
- **Identify** the critical areas in application levels and derive typical alternative solutions, **select** suitable devices.

PSOs addressed:

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	1	2	1	2	1			1				
CO2	1	2	1	2	1			1		1		
CO3	1	2				1	1		1		1	1

Pos addressed:

CO	PSO1	PSO2
CO1	1	
CO2	1	
CO3	1	

Co-ordinator

(A.P. Shraddha A. Sawant)

HOD

(Dr. Afzal Shaikh)

Dean of SoET

(Dr. Rajendra. B. Magar)

Director

(Dr. Ramjan A. Khatik)

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