



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

**Number of workshops/seminars/Conference including programs conducted on  
Research Methodology, Intellectual Property Rights (IPR) and  
entrepreneurship during the last five years**

**2023-2024**

S.NO	NAME OF THE WORKSHOP/ SEMINAR/ CONFERENCE/GUEST LECTURE/ INDUSTRIAL VISIT/WEBINAR	YEAR OF THE ACTIVITY	DATE	NUMBER OF PARTICIPANTS
1	Webinar on VLSI/SEMICONDUCTOR industry	2023-2024	21-10-2023	55
2.	Webinar on How VLSI is changing the automotive industry?	2023-2024	05-10-2023	29
3.	Guest lecture on Industrial Practices in Design, Development and analysis of Aircraft/Space Launch Vehicles/Unmanned Air Vehicles	2023-2024	23-09-2023	55
4.	Guest lecture on Overview of Electrical Systems in Large Industries	2023-2024	26.09.2023	30

**2022-2023**

S.NO	NAME OF THE WORKSHOP/ SEMINAR/ CONFERENCE/GUEST LECTURE/ INDUSTRIAL VISIT/WEBINAR	YEAR OF THE ACTIVITY	DATE	NUMBER OF PARTICIPANTS
1	Seminar on Renewable Energy	2022-2023	12.08.2022	30
2	Seminar on Electric vehicles and its components	2022-2023	20.09.2022	30
3	Industrial visit to Retech Solution private limited	2022-2023	30.03.2023	30
4	Industrial visit to TANTRANSCO	2022-2023	10.04.2023	30
5	Webinar on VLSI SoC design using Verilog HDL	2023-2024	12.05.2023	29
6	Workshop on CAD / CAM	2022 - 23	29.10.2022	54



# 2021-2022

S.NO	NAME OF THE WORKSHOP/ SEMINAR/ CONFERENCE/GUEST LECTURE/ INDUSTRIAL VISIT/WEBINAR	YEAR OF THE ACTIVITY	DATE	NUMBER OF PARTICIPANTS
1	Webinar on Advances in Digital Signal Processing for Audio and Speech Applications	2021-22	24.08.2021	59
2	Webinar on Augmented Reality Interactive Books	2021-22	07.09.2021	59
3	Webinar on Power Electronics and Renewable Energy Integration	2021-22	09.09.2021	59
4	Webinar on Microwave Engineering and Radar Systems	2021-22	30.09.2021	59
5	Webinar on Cyber-Physical Systems: Integration of Computing and Control	2021-22	15.10.2021	59
6	Webinar on Digital Image Processing: Algorithms and Applications	2021-22	12.10.2021	59
7	Webinar on Wireless Power Transfer: Technologies and Applications	2021-22	13.10.2021	59
8	Webinar on Advanced Antenna Technologies for Wireless Communication	2021-22	04.11.2021	59
9	Workshop on Design for Testability (DFT) Techniques in VLSI Design	2021-22	17.11. 2021	59
10	Webinar on Wireless Sensor Networks: : Architectures and Applications	2021-22	18.10.2021	59
11	Webinar on Satellite Communication Systems: Principles and Applications	2021-22	07.02.2022	59
12	Webinar on Green Communication Systems: Energy-Efficient Design and Sustainability	2021-22	11.02.2022	59
13	Industrial visit on Broadband communication	2021-22	14.02.2022	13
14	Webinar on Digital Communication Systems: Principles and Performance Analysis	2021-22	27.02.2022	59
15	Webinar on High-Speed Design Methodologies for VLSI Systems	2021-22	15.03.2022	59



# 2020-2021

S.NO	NAME OF THE WORKSHOP/ SEMINAR/ CONFERENCE/GUEST LECTURE/ INDUSTRIAL VISIT/WEBINAR	YEAR OF THE ACTIVITY	DATE	NUMBER OF PARTICIPANTS
1	Webinar on Embedded Systems Design for Internet of Things (IoT) Applications	2020-21	11.08.2020	41
2	Webinar on WIMAX Technology	2020-21	11.09.2020	41
3	Webinar on Signal Transformation	2020-21	13.10.2020	41
4	Webinar on Photonics and Optoelectronics in ECE: Devices and Applications	2020-21	18.11.2020	41
5	Webinar on Biomedical Signal Processing and Healthcare Applications	2020-21	26.11.2020	41
6	Webinar on SCADA	2020-21	11.01.2021	41
7	Webinar on Augmented Reality and Virtual Reality	2020-21	20.01.2021	41
8	Webinar on Bluetooth Based Smart Sensors Networks	2020-21	15.02.2021	41
9	Webinar on FPGA-based System Design and Prototyping	2020-21	22.02.2021	41
10	Webinar on Role of Internet Technology in Future Mobile Data Systems	2020-21	05.03.2021	41
11	Webinar on Emerging Trends in Quantum Computing and Quantum Communication	2020-21	11.03.2021	41
12	Webinar on Advanced Topics in Network Security and Cryptography	2020-21	19.03.2021	41
13	Webinar on Photonics and Optoelectronics in ECE: Devices and Applications	2020-21	29.03.2021	41
14	Webinar on Cognitive Radio and Dynamic Spectrum Access	2020-21	10.04.2021	41



# 2019-2020

S.NO	NAME OF THE WORKSHOP/ SEMINAR/ CONFERENCE/GUEST LECTURE/ INDUSTRIAL VISIT/WEBINAR	YEAR OF THE ACTIVITY	DATE	NUMBER OF PARTICIPANTS
1	Industrial visit on PCB Software and Hardware Design boards.	2019-20	13.08.2019	33
2	Industrial visit on Embedded design, PCB Design	2019-20	02.09.2019	21
3	Guest Lecture on Nanotechnology in ECE: Applications and Challenges	2019-20	04.09.2019	54
4	Workshop on PCB testing	2019-20	04.10.2019	33
5	Industrial visit on Embedded & IOT.	2019-20	08.01.2020	13
6	Industrial visit on Telecommunication and Networks	2019-20	22.01.2020	20
7	Industrial visit on Broadband communication	2019-20	03.02.2020	21
8	Guest Lecture on MEMS Technology and its Applications in ECE	2019-20	10.02.2020	54
9	Guest Lecture on Machine Learning in Signal Processing: Techniques and Implementations	2019-20	17.02.2020	21
10	Guest Lecture on IoT-enabled Smart Grids: Energy Management and Grid Optimization	2019-20	02.03.2020	54
11	Workshop on 3 D Printing	2019-20	18.02.2020	33
12	Workshop on Augmented Reality	2019-20	24.02.2020	21
13	Workshop on Network Security	2019-20	25.02.2020	20



# 2018-2019

S.NO	NAME OF THE WORKSHOP/ SEMINAR/ CONFERENCE/GUEST LECTURE/ INDUSTRIAL VISIT/WEBINAR	YEAR OF THE ACTIVITY	DATE	NUMBER OF PARTICIPANTS
1	Industrial visit on Embedded & IOT.	2018-19	25.07.2018	20
2	Workshop on Matlab	2018-19	01.08.2019	60
3	Industrial visit on , PLC, SCADA, DCS	2018-19	16.08.2018	39
4	Guest Lecture on The Evolution of Communication Systems: Analog to Digital	2018-19	17.08.2018	80
5	Industrial visit on Telecommunication and Networks	2018-19	25.08.2018	21
6	Industrial Visit on Network Security	2018-19	28.01.2019	21
7	Workshop on 3 D Printing	2018-19	06.02.2019	41
8	Industrial visit on Broadband communication	2018-19	18.02.2019	39
9	Guest Lecture on Robotics and Automation in ECE: Current Trends and Future Prospects	2018-19	20.03.2019	80



## 2017-2018

S.NO	NAME OF THE WORKSHOP/ SEMINAR/ CONFERENCE/GUEST LECTURE/ INDUSTRIAL VISIT/WEBINAR	YEAR OF THE ACTIVITY	DATE	NUMBER OF PARTICIPANTS
1	Industrial visit on PCB Software and Hardware Design boards.	2017-18	06.09. 2017	39
2	Workshop on PCB design	2017-18	14.09.2017	21
3	Industrial visit on Embedded & IOT.	2017-18	12.10.2017	22
4	Industrial visit on , PLC, SCADA, DCS	2017-18	25.01.2018	21
5	Industrial visit on Telecommunication and Networks	2017-18	02.04.2018	39
6	Guest Lecture Wireless Sensor Networks: Architectures and Applications	2017-18	09.04.2018	82
7	Industrial visit on Broadband communication	2017-18	07.03. 2018	22