



DEPARTMENT OF ELECTRONICS AND COMMUNICATION

Name : J.Lurdhumary

Designation : Assistant Professor

Email :

Qualification : M.Tech, P.hd(pursuing)

Specialization : Nanoscience and Technology

Research Interest : Nanocomposite materials



Experience in years : **Teaching** UG PG **Industry**

No. of Workshop/Conferences/
FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences/
FDP Organized : Workshop Conferences FDP

Professional Membership	LIFE MEMBER IN ISTE (LM 125588),
Publications	National : -
	International:2
	Book : -
Research Funded Projects	-
Patents	Application No: 202441017145 A Title: Method and Apparatus for Controlling Wireless Power Transmission via Near Field Communication.
Achievements	Got NPTEL Elite certificate on Research Methodolgy
Any Other Information	Completed 5 NPTEL courses.

List of Publications:-

International Journals:

1. Published a paper entitled Digital Notice Board on “IOT in International journal of Innovative Research in Technology” on Volume 7 Issue 11 April 2021.
2. Published a paper entitled Digital Notice Board on “Design of Multiband Micro strip antenna for 5G wireless communication” in International journal of Innovative Research in Technology” on Volume 7 Issue 11 April 2021.

Workshop/Seminar/Webinar/FDP: (List)

- 1.Successfully completed the Faculty Development Program for the course “Properties of materials” in NPTEL
- 2.Participated in five days FDP ON “Industry 4.0: Technological Evolution” in TCE on 01.04.2024 to 04.04.2024
- 3.Participated in six days FDP ON “Recent Trends in Nano devices, Materials and its applications” in SIMATS on 26.02.2024 to 2.03.2024
- 4.Participated in Guest Lecture on Indigenous Technologies for Viksit Bharat Titled-Relation of Nanotechnology and Quantum computing” in KLEF on 28.02.2024 to 27.02.2024
- 5.Participated in one week FDP “Research Trends in AI innovation & solutions for Contemporary Challenges” in SEC on 22.02.2024 to 27.02.2024
- 6.Participated in online webinar on “Accelerating 5G towards 6G communication for a new decade using MATLAB and Simulink” in math works on 01.02.2024
- 7.Participated in one-week faculty development program on “Research trends in AI Innovation and solutions for contemporary challenges” in SEC on 22.01.2024 to 27.01.2024.
- 8.Participated in five days’ faculty development program on “Recent advances in Nano Electronics and its applications” in AEC on 02.01.2024 to 06.01.2024.
- 9.Successfully completed the faculty development program for the course “Introduction to Industry 4.0 and Industrial Internet of Things in NPTEL.
- 10.Successfully completed the faculty development program for the course “Research Methodology “in NPTEL
- 11.Participated in Five Days Faculty Development Program on “AI Tools for Streaming Academic Research and Paper Writing” in SRR on 05.12.2023 to 09.12.2023.
- 12.Participated in Five Days Virtual Faculty Development Program on “NTA-JRF/NET/SET-PAPER” in Tagore College of Arts and Science on 15-11-2023 to 21-11-2023

13.Participated in National Level Workshop on “Thesis Writing” in ESSGEE DIGISKILLS on 30.10.23 to 14.11.23.

14.Participated in six –days International faculty development program on “Research Methodology” in Satyabhama on 12.09.2023 to 17.09.2023.

15.Participated in DST-SERB sponsored a Two Days National Level Seminar on” Machine Learning Techniques for Spectrum Prediction in Cognitive Radio Networks” in RMK Engineering College on 22-09-2023 and 23-09-2023

16.Participated in two days’ workshop on “Applications of AI using Machine learning and deep learning” in Anna university on 27.08.2023 and 28.08.2023

17.Participated in six-days online FDP on High performance VLSI architectures for multidisciplinary applications” in SRM on 31.07.23 to 05.08.2023

18.Participated in webinar on “Scientific document preparation using Latex” in MLRIT on 13.05.2023

19.Participated in two days’ hands on online training workshop on “nanomaterial & Nano device modeling simulation using rescu & nanodcal software” in Impulse Technology on 14.4.2023 &15.4.2023.

20.Participated in the FDP on “Emerging trends in biomedical engineering research for healthcare 4.0” in SSN College from 27-03-23 to 29-03-23.

21.Participated in the one week FDP on “Nanotechnology in Biomedical applications” in Karpagam Academy of Higher Education from 13-03-23 to 18-03-23.

22.Participated in the 5 days FDP on “Essential of Research and Publications” in Easwari Engineering College from 13-03-23 to 17-03-23.

23.Participated in the 5 days FDP on “Recent advancement in science and technology” in Alliance University from 6-3-23 to 10.3.23.

24.Participated in the 5 days FDP on “Scope of Quality Research for funded projects and high impact publications in KCG from 24.2.23 to 28.2.23.

25.Participated in the 5 days FDP on “Societal advances in Wireless Systems and Emerging Technologies” in Saveetha Engineering College from 23-01-23 to 28-01-23.

26.Participated in the foreign professor talk titled “Role of social media in digital marketing” in VIT on 19.1.23.

27.Participated in the 6 days FDP on “Preparing PQ and SAR for NBA Accreditation” in REC from 13.12.22 to 18.12.22.

28.Participated in the “5 days International online FDP series on Trending Technologies” in MEASI Institute of Information Technology in November 2022.

29.Participated in 6 days’ workshop on “Research opportunities in semiconductor materials and devices” in SRM Institute of Science and Technology from 19-10-22 to 24-10-22.

30.Participated in the 5 days FDP on “Current trends in Information Technology” in MEASI Institute of Information Technology from 26-09-22 to 30-09-22.

31.Participated in one week on Faculty Development Program on “IOT using Arduino Hardware” in Sridevi Women’s Engineering College, Hyderabad from 19-7-21 to 24-7-21.

32.Participated in a Webinar Series on “Women Empowerment “in PSG Polytechnic College, Coimbatore from 8-6-21 to 9-6-21.

33.Participated in one-day webinar on “Development and performance testing of internal combustion vehicles, in Arulmurugan college of engineering on 4-7-2020.

34.Participated in a workshop conducted by QMAX on automated test systems.

35.Presented a paper at “International workshop on advanced functional nanomaterials” on the topic “Transistors without p-n junctions using nanowires” in Anna university (2017).

36.Participated in “National seminar on recent advances in nanoscience and technology” in Anna university at 2016.

37.Participated in “National workshop and hands on training program on thin film solar cells” in Anna university at 2016 and 2017.

38.Participated in “Hands on Training” in the domain of Embedded System for 7 months (oct 15-april 16) in globin technologies.

39.Participated in a workshop conducted by Technophilia systems and successfully completed training on “haptic robotic arm”.

National Conference:

1. Presented a paper at National conference on the topic “Energy efficient cluster based routing protocol for health care system using wireless sensor network” in 2015 at SVCET

International Conference:

1.Presented (poster presentation) a paper at “International conference on Emerging Advanced Materials (ICEAM-2024)” on the topic “Leveraging Copper-Based Nanomaterials for Targeted Tumor Therapy” in Centre for Nanoscience and Technology(CNST), Anna University, on 27th march 2024.

2.Presented a paper at “2nd International conference on recent trends in Analytical Chemistry -2018” on the topic “Synthesis and Characterization of Epoxy Nanocomposites for Electronic Industry Applications” in University of Madras (2018).

3.Presented a paper at “International conference on recent trends in applied science and technology” on the topic “Novel Properties of Epoxy Nanocomposites for Industry Applications” in Anna university (2017).

