

Ms. M. UMA



Designation: Assistant Professor

Qualification: M.E., Ph.D.,(Pursuing)

Area of specialization: COMMUNICATION SYSTEMS

| Experience : (As On June 2023) | Industrial Experience | Teaching Experience |
|---------------------------------------|------------------------------|----------------------------|
| | - | 7 Years 3 Months |

| Number of workshop / FDP attended: | Number of Workshops | Number of FDPs |
|---|----------------------------|-----------------------|
| | 8 | 17 |

| Publications: | Conference | | Journal | | |
|----------------------|-------------------|----------------------|----------------|---------------|---------------|
| | National | International | SCI | Scopus | Others |
| | 1 | 1 | - | - | 2 |

| Patents: | National | International |
|-----------------|-----------------|----------------------|
| | - | - |

Professional Body Membership:
ISTE – Life Member
IETE - Life Member
IEEE - Member

| | | | | |
|----------------------------|--|--|--|-------------------|
| Staff Achievements: | <p>Won a cash prize for publishing a paper in the Annexure II Journal in K.L.N.C.I.T in the year 2015.</p> <p>Secure 100% Result in Digital Signal Processing in the year 2012 K.LN.C.IT.</p> <p>Students guided by me got Best Project award in the year 2015 in K.LN.C.IT.</p> | | | |
| Workshop Details: | Sl. No. | Title | Venue | Month/Year |
| | 1. | Awareness Workshop On Intellectual Property Rights & Innovation - 2022 (IPR – 2022) | Centre for Intellectual Property Rights (CIPR), Anna University, Chennai | September 2022 |
| | 2. | Advanced Electromagnetics and Applications | SSN College of Engineering, Chennai | May 2021 |
| | 3. | Universal Human Value on the theme Inculcating Universal Human Values in Technical Education | All India Council For Technical Education | December 2020 |
| | 4. | TEQIP Sponsored Workshop On "Computational Electromagnetics And Antennas | Thiagarajar College Of Engineering | March 2014 |
| | 5. | Wavelet And Sparse Signal Processing | KLN College Of Information Technology | February 2014 |
| | 6. | National Workshop On Statistical Data Processing Research Focus | KLN College Of Information Technology | September, 2013 |
| | 7. | Research Issues In Microwave And Optical Networks | KLN College Of Information Technology | June, 2011 |

| | | | | |
|---------------------|----------------|--|---|-------------------|
| | 8. | Circuit Simulation & PCB Design Using OrCAD | Anna University Regional Center Coimbatore | February,2011 |
| FDP Details: | Sl. No. | Title | Venue | Month/Year |
| | 1. | Faculty Development Program on Universal Human Values - II | Sri Sai Ram Engineering College | Dec 2023 |
| | 2. | ATAL Sponsored Six Days Faculty Development Program On "Quantum Computing and Its Future Scope" | Sri Sai Ram Engineering College | Dec 2023 |
| | 3. | 6 weeks/ 36 Hrs Online Certificate Course in 5G Mobile Communications | Wireless Access Division, NTIPRIT, Ghaziabad. | Aug-Sept 2023 |
| | 4. | Five Days Short Term Training Program (STTP) on "Breaking Boundaries in Healthcare: Futuristic Antenna Design for Telemedicine and Biomedical Applications using Artificial Intelligence | CARE College of Engineering, Trichy | Aug 2023 |
| | 5. | FDP on DEEP LEARNING TOOLKITS AND THEIR DIVERSE USES | Department of CSBS in Association with LTIMINDTree. Sri Sai Ram Engineering College | July 2023 |

| | | | | |
|--|-----|---|--|---------------|
| | 6. | Innovative Teaching and Learning Pedagogy | Research Foundation of India & RFI – CARE | May 2023 |
| | 7. | Faculty Empowerment Programme on Powering IoT Using Raspberry Pi or Arduino | CEG Campus, Anna University Chennai. | March 2023 |
| | 8. | Research Trends in Antenna Design and Beyond Applications | CARE College of Engineering | December 2022 |
| | 9. | Five Days Short Term Training Program (STTP) on Antenna Design: Future Trends and New Applications | CARE College of Engineering, Trichy in association with IEEE CARE Students Branch- Madras Section & Tesla Minds, Chennai | August 2022 |
| | 10. | Three Day Induction Program for Research Scholars | Center for Research, Anna University Chennai | March 2022 |
| | 11. | "AICTE Training And Learning (ATAL) Academy Online Elementary FDP on " Modern Antenna Technologies for Futuristic Wireless Communication Systems" | Guru Jambheshwar University of Science and Technology, Hisar, | August 2021 |
| | 12. | AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "MEMS Technology & Microsensors | National Institute of Technology Meghalaya. | July 2021 |

| | | | | |
|--|-----|--|---|---------------|
| | 13. | Recent Trends In Antenna And Microwave Technology | CARE College of Engineering, Jointly organized by IEEE Students Branch-Madras Section | June 2021 |
| | 14. | AICTE QIP Short Term Course on Principles and Advances in Electromagnetics | IIT MADRAS | March 2021 |
| | 15. | International Webinar On Digital Transformation And Opportunities In Emerging Technologies | Dr.NGP Institute Of Technology | August 2020 |
| | 16. | IEEE- MADRAS SECTION Sponsored National Seminar On Recent Trends In Rf, Antennas And Mic | KLN College Of Engineering | April 2015 |
| | 17. | Innovative Research Prospects On Wireless Sensor Networks | KLN College Of Information Technology | December 2014 |

Publication Details:

1. M Shanmuga Priya, M Uma, Automotive Antenna Technology: An Overview And Innovations, International Journal of Research and Analytical Reviews (IJRAR), May 2023, Volume 10, Issue 2
2. D. Venugopal, A. Sivanantha Raja, M. Uma, Multistage Compression of Encrypted Images for Band Effective Secured Transmission and Reconstruction, INTERNATIONAL JOURNAL OF TOMOGRAPHY AND SIMULATION, published by CESER. Vol. 25, Issue 1, (2014).
3. A Fast and Efficient De-Noising algorithm for the removal of salt and pepper noise from highly corrupted images." presented in a National level conference on Signal Processing, Communication and VLSI Design., organised by Anna University Coimbatore from 07-May-2010 to 08-May-2010.