

Name:V .VINODHINI

Designation:TEACHING FELLOW

Mail ID :vinsjeyam@gmail.com



➤ **Research Area:** Internet of things ,Image processing, Wireless sensor networks

➤ **Educational Qualifications:**

| Qualification | Department | Year (From -To) | Percentage | Class |
|--|-------------------|------------------------|-------------------|--------------|
| M.E COMMUNICATION SYSTEMS | ECE | 2007-2009 | 74.26 | I |
| B.E ELECTRONICS AND COMMUNICATION ENGINEERING | ECE | 2003-2007 | 7.6 | I |

➤ **Experience: (Years)**

| Name of Company / Institutions | Designation of Post | From | To | Experience in Year |
|--|--------------------------------|-------------------|-------------------|-------------------------------|
| | | DD-MM-YYYY | DD-MM-YYYY | |
| UNIVERSITY COLLEGE OF ENGINEERING ARIYALUR | TEACHING FELLOW | 22-07-2013 | TILL DATE | 9 YEARS |
| ROEVER ENGINEERING COLLEGE PERAMBALUR | ASSISTANT PROFESSOR | 01-06-2011 | 31-05-2013 | 2 YEARS |
| DHANALAKSHMI SRINIVASAN ENGINEERING COLLEGE PERAMBALUR | LECTURER | 25-06-2009 | 20-05-2011 | 1 YEAR 11 MONTHS |
| | | | TOTAL | 13 YEARS |

Additional / Academic Responsibilities at University:

- Class in-charge
- Time table in-charge
- Student counselor
- Department In-plant training coordinator
- Internal auditing member

Professional Activities:

- ❖ Organized One day national level seminar on security issues of optical communication networks at Dhanalakshmi Srinivasan Engineering College.
- ❖ Organized Two days national level Workshop on Embedded systems and its applications at Dhanalakshmi Srinivasan Engineering College.
- ❖ Organized various events and programmes in respective Colleges as cultural co-ordinator ,sports coordinator.

➤ **Completed B.E/M.E Projects:30/08**

➤ **Sponsored Research Activities:**

Nil

List of Seminar / Short Term Course / FDP/ Workshop attended: (Within India)

- ❖ One day National level workshop on image processing and pattern recognition organized by center for academic excellence Anna University, Tiruchirappalli.
- ❖ One day workshop on practical orientation towards innovation in embedded and VLSI technologies conducted by VI micro systems private Ltd., Chennai and Saranathan College of Engineering.
- ❖ One Day National Level Seminars on “Communication Networks” (**COMNET**) at Dhanalakshmi Srinivasan Engineering College.
- ❖ One day national level workshop on applications of signal and image processing at Dhanalakshmi Srinivasan Engineering College(ASIP).

- ❖ one day State level Workshop on Recent Trends in Embedded Systems held at Roever Engineering College.
- ❖ One day National level seminar on security issues of optical communication network at Dhanlakshmi Srinivasan Engineering College.
- ❖ Faculty Training Programme on instructional design and delivery system conducted by National Institute of technical teachers training and research held at Dhanlakshmi Srinivasan Engineering College.
- ❖ FDP Programme in Embedded System design conducted by ICT academy of Tamilnadu held at DSEC.
- ❖ Two Days Workshop Titled Writing Effective Conference Papers Organized by IIT Bombay held at SASTRA university tanjore.
- ❖ Attended one week TEQIP II SPONSORED FDP ON DIGITAL COMMUNICATION AT BIT Campus Tiruchirappalli.
- ❖ Attended one day workshop on DSP and its applications at university college of engineering Thirukkuvilai.
- ❖ Attended one day national level seminar on antenna and its applications at DSEC Perambalur.
- ❖ Attended one day workshop on photonics and its applications at UCE-Ariyalur.
- ❖ Attended one day national level workshop on digital image processing and its applications at university college of engineering ariyalur on September 06th 2019.
- ❖ Attended one day workshop on PCB DESIGN at university college of engineering ariyalur on 10th march 2020.
- ❖ Attended FIVE days online FDP titled VLSI-Industrial and research perspective at saranthan college of Engineering Trichy.
- ❖ Participated and successfully completed the one week Online Faculty Development Program on Recent Trends and Advancements in IoT Security organized by Department of Electronics and Communication Engineering.
- ❖ Online FDP on "Advanced Communication Engineering" from at Bharati Vidyapeeth College of Engineering, Navi Mumbai.
- ❖ Participated one day workshop on
- ❖ Attended Online Elementary FDP on "Recent Trends in the world of Photonics" from at R N S Institute of Technology
- ❖ Participated and completed on day workshop with hands on training titled data science using python at university college of engineering ariyalur.

International Conferences Participated:

- ❖ Improving the search efficiency using resource placement in structured peer to peer networks at Dhanalakshmi Srinivasan Engineering College.
- ❖ Comparison Of GMM & HMM based speaker Verification Systems using different feature Coefficients at EGSP Engineering College Nagapattinam.
- ❖ IOT based digital notice board at saranathan college of Engineering Trichy.

Publications :**a. International Journals:**

- ❖ K. Jayamani , **V. Vinodhini** V. Gomathi , S. Vanaja "A Novel UWB Microstrip Patch Antenna Design for Cardio Activity Monitoring Application" Materials Today/Elsevier 2021,47,Part 1.
- ❖ K. Jayamani,**V. Vinodhini**, Rahul Krishnan Frequency Reconfigurable Antennas—A Contemporary Review , Springer link/Lecture notes in Electrical Engineering 2021,792 .

Conferences:

- ❖ Performance evaluation of GMM based speaker verification systems held at KLN College of Engineering.
- ❖ CT and MRI image enhancement using multi variant quasi laplacian mixture model.
- ❖ Performance evaluation of sorted GMM based speaker verification systems held at Christian college of engineering & technology.
- ❖ Efficient Node Replacement Technique For Structured Peer to Peer Networks held at vellammal Engineering College.
- ❖ Analysis of channel estimation for two way MIMO Relaying System held at Saranathan college of Engineering .
- ❖ Analysis of joint channel and symbol estimation for two way MIMO relaying systems at Saranathan College of Engineering .
- ❖ Identification of cashew plants disease by using k-means clustering &SVM in image processing at Kings College of Engineering.

DECLARATION:

I CERTIFY THAT THE INFORMATION FURNISHED ABOVE IS CORRECT TO THE BEST OF KNOWLEDGE AND BELIEF.

DATE: 23/05/2022

Signature With date