

Department of Electronics and Communication Engineering

Personal Details

Name:	M.SUGANYA
Designation:	Assistant Professor
Educational Qualification:	M.E.,(Ph.D).
Experience:	3years
Area of Specialization:	Communication Systems

Educational Details

S.No.	Degree	Branch/Specialization	Institute/University	Year
1	B.E	Electronics & Communication Engineering	Anna University	2014
2	M.E	Communication systems	Anna University	2016
3	Ph.D.	Wireless networks	Vels Institute of Science Technology and advanced studies	Pursuing

Work Experience

JK Fenner India Limited

4th November 2020 to 3rd November 2022

- Assist the Site / Manufacturing Manager in the implementation of the company's e-HR together policy and ensure that individual career and personal development plans are included in the training plan
- Schedule weekly/monthly workloads for the Machine Shop.
- Release and manage jobs to the shop floor, and coordinate priorities with the shop supervisor.
- Issue material from inventory to work orders, receive/close completed work orders, advice Manufacturing Engineering of any changes needed to routings, verify appropriate routings are printed before releasing to production and certify orders.
- Advise Shipping on shipping priorities with dates and locations.
- Monitor daily production plans to ensure monthly goals are on target.
- Attend production meetings with Plant Manager and Production Control Manager to provide current status on released work and any issues releasing scheduled work.
- Provide Contract Sales with lead time quotes for customer orders.

Publication Details

Journal

1. Published a paper for the title of INTRUSION DETECTION FOR DEPENDABLE TRUST SYSTEM IN WIRELESS SENSOR NETWORKS WITHOUT PACKET LOSS in International Journal Of Advanced Research in Electronics and Communication Engineering, Volume.4.issue4., April-2015.
2. Published a paper for the title of MICRODIVERSITY MIMO SYSTEMS WITH MMSE AND ZF RECEIVERS in IEEE Xplore Digital Library in Nov 2015 DOI:10.1109/GET.2015.7453791 Conference
3. Published a paper for the title of MODULATIONS OF NARROWBAND PSK BY SUPERREGENERATIVE RECEIVER in International Journal for Trends in engineering and technology in vol:13 issue 1 may 2016.

CONFERENCES

1. Presented a paper in National conference on science, Research and information technology for the topic of “LIGHT WEIGHT DEPENDABLE TRUST SYSTEM BASED INTRUSION DETECTION IN CLUSTERED WIRELESS SENSOR NETWORKS”
2. Presented a paper in IEEE International conference on Knowledge Collaboration in Engineering for the topic of “BLUETOOTH (UNRECHARGEABLE) BASED HELMET”.
3. Presented a paper in online International conference on Green Engineering and Technology for the topic of “MICRODIVERSITY MIMO SYSTEMS WITH MMSE AND ZF RECEIVERS”.
4. Presented a paper in International conference on Trends in technology and engineering for the topic of “MODULATIONS OF NARROWBAND PSK BY SUPERREGENERATIVE RECEIVER”.

Program Attended

Workshop/FDP/Webinar Attended:

- 1.** Participated in the Faculty Development Programme for “CEC 331-4G/5G Communication Networks “from 29-01-2024 to 03-02-2024 at Loyola-ICAM College of Engineering and Technology, Chennai.
- 2.** Participated in the Faculty Development Programme for “Research-The Journey for Inception to Publishing” from 05-02-2024 to 09-02-2024 at Dhanraj Baid Jain College, Chennai.
- 3.** Participated in the Faculty Development Programme for “Artificial intelligence’s impact on transforming software ,robotics,Electrical,Electronics and Mechanical fields from 05-08-2024 to 10-08-2024 at Dhanraj Baid Jain College, Chennai.