RESUME

Jaisudha.J

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Venkatapuram, Littlemount, Saidapet,

Chennai – 600015.

Career Objective:

> To be associated with the Organisation which provides me an opportunity to implement my skills practically and helps to grow myself along with the Organization.

Educational Qualification:

- Completed my Master degree M.E (Communication and Networking) Engineering in AU- Madras Institute of Technology with 73.7% in the year 2021

- Completed my Bachelor degree B.E (Electronics and Communication) Engineering in Prince Shri Venkateshwara Padmavathy Engineering College in Ponmar with 72.5% in the year 2019

- Completed my Higher Education in Sri R.K.M. Saradha Vidhyalaya Model Higher Secondary School with 71% in the year 2015.

- Completed my SSLC in Sri R.K.M. Saradha Vidhyalaya Model Higher Secondary School with 77% in the year 2013.

Teaching Experience:

From April 2023 – Till date, working as an Assistant professor in the Department of Electronics and Communication Engineering, Prince Shri Venkateshwara Padmavathy Engineering College, Chennai.

Total Experience: 2.5 Years

A.I.C.T.E ID: 1-11549606301

GOOGLE SCHOLAR ID:

https://scholar.google.com/citations?hl=en&user=NNH6YEYAAAAJ

PROFESSIONAL MEMBERSHIP:

ACTIVE MEMBER IN ISTE

Projects:

- Cardiac left ventricle segmentation from magnetic resonance image in image processing
- Hybrid segmentation network for small cell lung cancer segmentation from ct images.
- An Efficient Data Hiding Approach on Digital Multi Plane Images for Secret Communication.

PUBLICATION DETAILS:

Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of Publication	DOI LINK	Name of the publisher
A Smart Electronic Wheelchair Design Using Artificial Intelligence and Intelligent Sensors Association	2024 International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (IITCEE)	IITCEE 2024	International	Jan-24	DOI: 10.1109/IITCEE59897.2024.10467609	Institute of Electrical and Electronics Engineers (IEEE)
Implementing Machine Learning Techniques to Enhance Real-Time Data Analysis Services	2023 3rd International Conference On Smart Generation Computing, Communication And Networking (SMART GENCON)	SMART GENCON 2023	International	Dec-23	DOI: 10.1109/SMARTGENCON60755.2023.10442318	Institute of Electrical and Electronics Engineers (IEEE)
Utilizing Cooperative Spectrum Sharing for High Speed Wireless Networks	2023 3rd International Conference On Smart Generation Computing, Communication And Networking (SMART GENCON)	SMART GENCON 2023	International	Dec-23	DOI: 10.1109/SMARTGENCON60755.2023.10442614	Institute of Electrical and Electronics Engineers (IEEE)
A Comprehensive Evaluaion of Solar Powered Electric	2024 First International Conference on Electronics, Communication and Signal Processing (ICECSP 2024)	ICECSP 2024	International	Aug-24	**DOI:** 10.1109/ICECSP61809.2024.10698561	Institute of Electrical and Electronics Engineers (IEEE)

Vehicle Charging Station Design Using Internet of Things						
Techniques for Optimal Frequency Allocation in Autonomous Communications Systems	2024 15th International Conference on Computing Communication and Networking Technologies (ICCCNT 2024)	ICCCNT 2024	International	Jun-24	**DOI:** 10.1109/ICCCNT61001.2024.10726098	Institute of Electrical and Electronics Engineers (IEEE)
Improving Video Search and Retrieval Through Semantic Annotation	2024 15th International Conference on Computing Communication and Networking Technologies (ICCCNT 2024)	ICCCNT 2024	International	Jun-24	**DOI:** 10.1109/ICCCNT61001.2024.10725422	Institute of Electrical and Electronics Engineers (IEEE)
Machine Learning Techniques for Protein Structure Prediction in Bioinformatics	2024 IEEE International Conference on Communication, Computing and Signal Processing (IICCCS 2024)	IICCCS 2024	International	Sep-24	**DOI:** 10.1109/IICCCS61609.2024.10763623	Institute of Electrical and Electronics Engineers (IEEE)
AI-Driven Energy Trading Platforms: Market Dynamics and	1st International Conference on Power and Energy Systems (ICPES 2023)	ICPES 2023	International	Jun-24	https://doi.org/10.1051/e3sconf/202454 07001	EDP Sciences

Challenges						
Advanced Liveness Detection in Facial Recognition with Disguises	2024 IEEE 4th International Conference on ICT in Business Industry and Government,	ICTBIG 2024	International	Dec 24	DOI: 10.1109/ICTBIG64922.2024.10911297	Institute of Electrical and Electronics Engineers (IEEE)
Enhancing Automated Diabetes Diagnosis by the Use of More Advanced Spectral Characteristics in Heart Rate Readings	2024 IEEE 4th International Conference on ICT in Business Industry and Government,	ICTBIG 2024	International	Dec 24	DOI: 10.1109/ICTBIG64922.2024.10911673	Institute of Electrical and Electronics Engineers (IEEE)
Secure Anomaly Detection with Light GBM and Enhanced Privacy Preservation	2024 IEEE 4th International Conference on ICT in Business Industry and Government,	ICTBIG 2024	International	Dec 24	DOI: 10.1109/ICTBIG64922.2024.10911584	Research Gate

Professional Information:

Faculty Development Program:

- Completed Faculty Development Program on "EMERGING TRENDS AND TECHNOLOGIES IN RENEWABLE ENERGY FOR SUSTAINABLE DEVELOPMENT" held from 10.02.2025 to 15.02.2025 at Prince Shri Venkateshwara Padmavathy Engineering College.

- Completed Faculty Development Program on "ADVANCED POWER ELECTRONICS & INTELLIGENT CONTROL FOR SUSTAINABLE ELECTRIC MOBILITY AND RENEWABLE ENERGY SYSTEMS" held from 05.05.2025 to 09.05.2025, organized by Sairam Institute of Technology.

Conference:

Presented a paper titled "One Fingerprint Meets All User Payments And Identity Needs" in National Level Conference on Emerging Trends in Artificial Intelligence And Network Security (NCETAINS) held on 28.03.2025 Organized by the Department of Master of Computer Applications, Santhiram Engineering Cellege, Nandyal.

Paper Published:

- Published a paper titled "An Efficient Data Hiding Approach on Digital Multi Plane Images for Secret Communication" on IJARIIE-ISSN(O)-2395-4396, Vol-5 Issue -2 2019.

Hobbies:

- Reading books and stories.

Technical Skills:

- Basic Knowledge in C, C++

Personal Skills:

- Drawing

Specialization:

- Image Processing
- Communication and Networking

Achievements:

- Certified for Carrom runner in Inter College level.
- Certified for C Programming in Ramanujan Computing Centre, Anna University, Ch-15.

Personal Details:

Date of Birth	:	07.03.1998
Father's Name	:	Jaisankar.P
Marital Status	:	Single
Gender	:	Female
Religion	:	Hindu
Nationality	:	Indian
Languages known	:	English, Tamil

Declaration :

      I hereby, declare that the information furnished above is true to the best of my knowledge.

<div align="center">Thanking you!</div>

Date :

Place : Chennai   J.Jaisudha