

Mrs. G. RAMYA

Department of Electronics and Communication Engineering
Prince shri Venkateshwara Padmavathy Engineering College

✉ ramya.g.ece@psvpec.in

**CAREER OBJECTIVE**

To secure a position as an **Assistant Professor**, leveraging my knowledge and passion for continuous learning to deliver highly motivated and impactful teaching, fostering student growth and academic excellence.

EDUCATIONAL QUALIFICATION

COURSE	SCHOOL/ COLLEGE	UNIVERS ITY/ COLLEGE	STREAM/DEGR EE	YEA R	PERCENTA GE/ CGPA
M.E	E.G.S.Pillay Engineering college	Anna University chennai	Communication systems	2014 - 2016	8.43/10
MBA	Alagappa University	Alagappa University	Human Resource Management	2010 - 2012	70%
B.E	E.G.S.Pillay Engineering college,	Anna University Chennai	Electronics and Communication engineering	2006 - 2010	78%
HSC	Sri G R M Girls higher secondary school,TVR	State board		2004 - 2006	70%
SSLC	Sri G R M Girls higher secondary school,TVR	State board		2004	88.8%

WORKING EXPERIENCE

Currently working in Prince shri Venkateshwara Padmavathy Engineering college, Chennai from 1.6.2023

ACADEMIC ACHIEVEMENTS

- Secured **41st rank** in M.E. (Communication Systems), **Anna University, Chennai**
- Department topper in B.E. (ECE)

PROJECTS UNDERTAKEN

- **Spectrum Monitoring and Capacity Maximization using Energy Ratio Algorithm** for OFDM-based Cognitive Radio Networks

- **Multi-Patient Remote Monitoring System** using ZigBee Network
- **Process Monitoring Instrumentation System** using ZigBee

PUBLICATIONS & CONFERENCES

- Published “**AI Generated Voice Assistant Speakers in Helmet**”
- Presented paper on "**Spectrum Monitoring and Capacity Maximization...**" at the International Conference on Innovative Research in Electrical Sciences
- Presented paper on "**An Effective Multi-Patient Remote Monitoring System...**" at the International Conference on Advances in Engineering, Science and Management
- Investigating the Power of Advanced Neural Network Architectures for Higher Quality Information Extraction, 2023 2nd International Conference on Futuristic Technologies, INCOFT 2023
- Optimization of Precoders for MIMO System for 6G Communication, 2023 International Conference on System, Computation, Automation and Networking, ICSCAN 2023
- Optimization of Multi-Energy Systems for Efficient Power-to-X Conversion, E3S Web of Conferences,
- 2024 15th International Conference on Computing Communication and Networking Technologies, ICCCNT 2024
- Seagull Optimization Algorithm for Underwater Sensor Network Localization, 2024 IEEE International Conference on Communication, Computing and Signal Processing, IICCCS 2024
- Adaptive Modulation and Coding Policies for Multiple Access Wireless Networks, 2024 15th International Conference on Computing Communication and Networking Technologies, ICCCNT 2024
- An Advanced Encryption Protocols for Wireless Network Security in Web Applications, 2024 15th International Conference on Computing Communication and Networking Technologies, ICCCNT 2024
- Deep Learning Methods for Video Segmentation and Tracking, 2024 15th International Conference on Computing Communication and Networking Technologies, ICCCNT 2024
- Applications of Quantum Cascade Lasers in Spectroscopy and Trace Gas Analysis, 2024 4th International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies, ICAECT 2024
- A Novel Hybrid Dragonfly-Cuckoo Search Algorithm For Optimized Mobile Robot Navigation, 2024 IEEE 4th International Conference on ICT in Business Industry and Government, ICTBIG 2024
- Enhancing Dynamic Images For End-To-End Training-Based Object Detection, 2024 IEEE 4th International Conference on ICT in Business Industry and Government, ICTBIG 2024
- Assessing Cyber-Attack Impact in Smart Grid Cyber-Physical Systems with Time-Based Indices, 2024 IEEE 4th International Conference on ICT in Business Industry and Government, ICTBIG 2024

FACULTY DEVELOPMENT PROGRAMS (FDPs) ATTENDED

- *Emerging Trends and Technologies in Renewable Energy for Sustainable Development*, 10–15 Feb 2025
- *AI and Quantum Computing: Glimpsing the Near Future*, Srisairam Engineering College, 20–25 Jan 2025
- *IoT Security*, DMI College of Engineering, Chennai

WORKSHOPS / TRAININGS

- Short-term training in *Emerging Trends in Digital Image Processing*, Vellammal Institute of Technology, Chennai
- Workshop on *Applications of Antennas and Radiation Effects*, Savitha University, Chennai
- In-plant training at **Bharat Sanchar Nigam Limited**, Nagapattinam and **All India Radio**, Karaikal

AREAS OF INTEREST

Engineering: Electronic Devices, Communication Systems, Computer Networks, Wireless & Optical Communication

HRM: Quantitative Methods, Emotional Intelligence, Strategic Management