
D. R. PRIMMIA



Assistant Professor – Electronics and Communication Engineering
No.3, Thilak Street, Swamy Nagar, Extension II,
Ullagaram, Chennai - 600091

[✉ primmia.d.r.ece@psvpec.in](mailto:primmia.d.r.ece@psvpec.in) |

Career Objective

Dedicated and passionate academic professional seeking a challenging position as an Assistant Professor in a reputed engineering institution. Aiming to contribute meaningfully through innovative teaching methods, research, and academic excellence while supporting the institutional goals and student growth.

Academic Qualifications

Qualification	Institution	University/Board	Year	CGPA / Percentage
M.E. – Communication Systems	St. Xavier's Catholic College of Engineering	Anna University	2017	8.41 CGPA
B.E. – Electronics and Communication Engineering	Ponjesly College of Engineering	Anna University	2015	7.44 CGPA
HSC	St. Mary Goretty Hr. Sec. School	Tamil Nadu State Board	2011	72.91%
SSLC	Mother Theresa Matric Hr. Sec. School	Tamil Nadu Matric Board	2009	81.2%

Area of Interest

- Speech Processing and Synthesis
 - Wireless Communication
 - Digital Communication
 - Digital Signal Processing
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Work Experience

Assistant Professor

Prince Shri Venkateshwara Padmavathy Engineering College, Chennai

Tenure: June 2023 – Present

- Engaged in delivering core ECE subjects, mentoring students, and academic administration.
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Academic Projects

- **B.E.:** *Cascade Control Strategy for Improved Disturbance Rejection in Integrated Processes with Time Delay*
 - **M.E.:** *Human Affective State Recognition from Speech*
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Paper Presentations

International Conferences

- “*An Image Analysis System to Recognize Malignant Melanoma*” – International Conference on Green High Performance Computing, St. Xavier’s Catholic College of Engineering.

National Symposiums

- “*GI-FI: The Next Generation Wireless Technology*” – VVTECHNOZER, VV College of Engineering.
 - “*GI-FI: The Next Generation Wireless Technology*” – InnoCom 2K14, C.S.I Institute of Technology.
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Achievements & Awards

- 🏆 *First Prize* – 2nd IEEE International Conference on Green High Performance Computing, INNOEXPO, St. Xavier’s Catholic College of Engineering.
 - 🏆 *Third Prize* – InnoCom 2K14 for paper titled “*GI-FI*”, C.S.I Institute of Technology.
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Workshops Attended

- *Workshop on VLSI System Design using HDL and System Generator* – St. Xavier’s Catholic College of Engineering.
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FDPs Attended

1. **ATAL FDP** on *Recent Trends in Artificial Intelligence and Quantum Computing*, 3rd Feb 2025 – 8th Feb 2025.
 2. **ATAL FDP** on *Emerging Trends and Technologies in Renewable Energy for Sustainable Development*, 10th Feb 2025 – 15th Feb 2025.
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Professional Membership

- **Life Member – Indian Society for Technical Education (ISTE)**
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Technical Skills

- **Operating Systems:** Windows XP, 7, 8, 10
 - **Software Tools:** MS Office
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Publications

- “*Analysing Blockchain-Based Cryptography: Enhancing Security, Transparency, and Practical Implementations*”, International Conference for Technological Engineering and its Applications in Sustainable Development (ICTEASD2023), IEEE, 2023. DOI: 10.1109/ICTEASD57136.2023.10585016 | Scopus ID: 2-s2.0-85199487515
- “*Decentralized Blockchain Solutions for Smart Grid Data Management and Security*”, E3S Web of Conferences, 2024. DOI: 10.1051/e3sconf/202454010013 | Scopus ID: 2-s2.0-85198067762
- “*A Dual Stage Malicious User Detection Method By Using Adaptive Threshold Testing and Machine Learning Technique*”, Global Conference on Communications and Information Technologies (GCCIT2024), IEEE, 2024. DOI: 10.1109/GCCIT63234.2024.10862281 | Scopus ID: 2-s2.0-85218411246

- **“Adaptive Bioinspired Protocols for UWSNs Using Spider Monkey Optimization”**, IEEE International Conference on Communication, Computing and Signal Processing (IICCCS 2024), 2024.
DOI: 10.1109/IICCCS61609.2024.10763616 | Scopus ID: 2-s2.0-85214383498
- **“The Development of 6-G Technology in Integration with AI Type of Synergy”**, 4th International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE 2024), IEEE, 2024.
DOI: 10.1109/ICACITE60783.2024.10616538 | Scopus ID: 2-s2.0-85201826413
- **“An Analysis of the Performance of Adaptive Error Control Coding Strategies”**, 15th International Conference on Computing Communication and Networking Technologies (ICCCNT 2024), IEEE, 2024.
DOI: 10.1109/ICCCNT61001.2024.10724942 | Scopus ID: 2-s2.0-85211121452
- **“A Development of Mmwave Pioneering Technology in Wireless Type of Communications”**, 4th International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE 2024), IEEE, 2024.
DOI: 10.1109/ICACITE60783.2024.10617336 | Scopus ID: 2-s2.0-85201803812
- **“MRI-Based Epilepsy Seizure Detection Using Combined Approach of CNN With SVM Networks”**, IEEE 4th International Conference on ICT in Business Industry and Government (ICTBIG 2024), 2024.
DOI: 10.1109/ICTBIG64922.2024.10911487 | Scopus ID: 2-s2.0-105001597755
- **“Designing An Energy-Efficient Virtual Cell-Based Data Propagation Scheme for Wireless Sensor Networks with Single Mobile Sink”**, IEEE 4th International Conference on ICT in Business Industry and Government (ICTBIG 2024), 2024.
DOI: 10.1109/ICTBIG64922.2024.10911614 | Scopus ID: 2-s2.0-105001593355
- **“Improving Fog Computing Infrastructure with QoS-Aware Resource Provisioning”**, IEEE 4th International Conference on ICT in Business Industry and Government (ICTBIG 2024), 2024.
DOI: 10.1109/ICTBIG64922.2024.10911801 | Scopus ID: 2-s2.0-105001555448

Patents Published

1. Primmia D. R. (2024). *Air Bag in Two-Wheeler*, Published by Prince Shri Venkateshwara Padmavathy Engineering College. Application No.: 202441099383.
Date of Filing: 16.12.2024 | Date of Publication: 20.12.2024
2. Primmia D. R. (2024). *Air Cooler in Kitchen Chimney*, Published by Prince Shri Venkateshwara Padmavathy Engineering College. Application No.: 202441099385.
Date of Filing: 16.12.2024 | Date of Publication: 20.12.2024

Scopus ID

<https://www.scopus.com/authid/detail.uri?authorId=59212726400>

ORCID ID

<https://orcid.org/0009-0007-4303-4840>

Strengths

- Positive Attitude and Self-Confidence
 - Hardworking and Dedicated
 - Problem-Solving & Creative Thinking
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Personal Details

Field	Details
Date of Birth	22nd September 1993
Gender	Female
Marital Status	Married
Nationality	Indian
Religion	Christian
Languages Known	English and Tamil
Hobbies	Solving Puzzles, Gardening, Playing Games
Address	No.3, Thilak Street, Swamy Nagar, Extension II, Ullagaram, Chennai - 600091

Declaration

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

Place: Chennai

Date:

Signature:
(D. R. Primmia)