Faculty Profile



Dr. S.Supriya, M.E, Ph.D
Associate Professor / CSE

HIGHLIGHTS:

- Number of Journal Publications: 03
- H-Index: 4
- Project Funding Received: Nil
- Patents Published: 02
- Patents Granted: Nil

PROFESSIONAL LINKS:

- Scopus ID: 56884889100
- Scopus Link: https://www.scopus.com/authid/detail.uri?authorId=56884889100
- Google Scholar ID: https://scholar.google.com/citations?hl=en&user=I4gZjrgAAAAJ
- Anna University Faculty ID: 2675781980
- AICTE Faculty ID: 1-424550565
- Anna University Supervisor ID: Nil
- LinkedIn: www.linkedin.com/in/dr-supriya-s-2300b3447

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 25 Years
- Industrial Experience: Nil

AREA OF SPECIALIZATION:

- Networking
- VANET
- Cloud Computing
- Network Security

PATENTS PUBLISHED/GRANTED:

- Published the Patent titled as **"Implementation of Smart Mobile Robot System using Artificial Intelligence (AI)"** in Indian Patent Office **on June 2022**.
  - Application Number : 202241032108
- Published the Patent titled **"Internet of Things, Embedded based Cloud – Agent device for infant mortality Syndrome Observing and Investigation using ML"** on **February 2022** in Indian Patent Office**.**
  - Application Number : 202241004202

COURSES CERTIFIED:

NPTEL:

1. Fundamental Algorithms: Design and Analysis in NPTEL (IIT Kharagpur) in Jan-Feb 2024.

Research Article Publication

1. Published the paper titled "Self-improved LeNet and modified SegNet for Alzheimer's disease classification using MRI" in International Journal of Neuroscience, 2026.
2. Published the paper titled "SnS_2/MWCNT hybrid electrodes with exceptional energy density and cycling stability for supercapacitors", in Diamond and Related Materials 2026, volume 166.
3. Published the paper titled "Efficient privacy preserving authentication for Vehicular Ad-Hoc Networks" in ARPN Journal of Engineering and Applied Sciences, 2015, 10(20), pp. 9233–9240.R.

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

Paper Presented in Conferences:

- Published the paper titled "Secure tour: Empowering tourists with real-time safety information for informed destination choices and recommendation" in AIP Conference Proceedings,2025.
- Published the paper titled "A Data Science-Driven Face Recognition Attendance System Integrated with a Voice Assistant" in ICoICC 2025 - 3rd International Conference on Intelligent and Cloud Computing,2025.
- Published the paper titled "Employing Artificial Intelligence and Machine Learning to Create Adaptive Models for Improved Predictive Accuracy in Dynamical Real-World Applications" in 2025 3rd International Conference on Communication, Security, and Artificial Intelligence, ICCSAI 2025Open source preview, 2025, pp. 1172–1177,2025.
- Published the paper titled "Towards Seamless Connectivity: Implementing 6G Communication Technologies in Next-Generation Networks",in 3rd International Conference for Advancement in Technology, ICONAT 2024, 2024.
- Published the paper titled "Unveiling the Future: Exploring the Impacts and Challenges of Artificial Intelligence in Workplace Applications" in 3rd International Conference for Advancement in Technology, ICONAT 2024, 2024

- Published the paper titled "Innovative Communication Protocols and Network Architectures in 5G Technologies" in 3rd International Conference for Advancement in Technology, ICONAT 2024, 2024.
- Published the paper titled "Cyberbullying Predictive Analysis on Twitter(X) Data with Multi-model Supervised Technique" in IFIP Advances in Information and Communication Technology, 2024, 718 IFIPAICT, pp. 276–287,2024.(both scopus and Book chapter),
- Published the paper titled "Fabric Defect Detection using Deep Learning" in 2024 3rd International Conference on Sentiment Analysis and Deep Learning, ICSADL 2024, 2024, pp. 399–405.
- Published the paper titled "Key Logger for Recording the Keystroke of the Targeted Machine" in ICCDS 2024 - International Conference on Computing and Data Science, 2024.
- Published the paper titled "Emotional Evaluation of Facial Tension Using LSTM for Psychological Assessments" in 2024 International Conference on Advances in Data Engineering and Intelligent Computing Systems, ADICS 2024, 2024.
- Published the paper titled "Spotting simulated commodity welding metamask technology" in 2nd International Conference on Artificial Intelligence and Machine Learning Applications: Healthcare and Internet of Things, AIMLA 2024, 2024.
- Published the paper titled "ACoCo: An Adaptive Congestion Control Approach for Enhancing CoAP Performance in IoT Network" in Proceedings of the 2nd International Conference on Applied Artificial Intelligence and Computing, ICAAIC 2023, 2023, pp. 189–194.

Seminars/FDP Attended

- Online Faculty Development Programme attended on the title "Societal Applications of Machine Learning" in Shri Vishnu College for Women, from 26.12.22 to 30.12.22.
- Online Faculty Development Programme attended on the title "Advanced Methods of Research" in Sathyabama Institute of Science and Technology, from 14.11.22 to 30.11.22.
- Online Faculty Development Programme attended on the title "Amazon Web Services" conducted by AICTE, from 22.08.22 to 27.08.22.
- Online Faculty Development Programme attended on the title "Significance of IP & Patent Specification, Drafting, Filling & Prosecution of Inventions" IPR Team, IPR Cell, REVA University Bengaluru , India, from 01.08.22 to 05.08.22.
- "Quality Assessments and Accreditation in HEIs" NAAC Sponsored Workshop conducted by Sathyabama Institute of Science and Technology, from 27.06.22 to 28.06.22.

PROFESSIONAL MEMBERSHIPS:

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