Faculty Profile



Dr. S. DEVI, M.E., Ph.D.

Assistant Professor

Department of Computer Science and Engineering

HIGHLIGHTS:

- Number of Journal Publications: 8
- H-Index: 3
- Project Funding Received: Nil
- Patents Published: 1
- Patents Granted: Nil

PROFESSIONAL LINKS:

- Scopus ID: **60509550800**
- Scopus Link: Devi, S. - Author details - Scopus Preview
- Google Scholar ID: https://scholar.google.com/citations?hl=en&authuser=1&user=9kHb9fcAAAAJ
- Orchid ID: https://orcid.org/0009-0004-4571-0986
- Anna University Faculty ID: 2652781982
- AICTE Faculty ID: 1-3541896803
- Anna University Supervisor ID: Nil
- LinkedIn: Nil

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 8 years
- Industrial Experience: Nil

INTERNATIONAL EXPOSURE:

- Nil

AREA OF SPECIALIZATION:

- Computer vision – Object Detection
- Deep Learning for Visual Recognition
- Out-of-Distribution Generalization
- Generative AI for Visual Data
- Natural Language Processing
- Machine Learning

PATENTS PUBLISHED/GRANTED:

- The patent for "AUTOMATIC WATER PUMP CONTROLLER" was granted on 08/01/2026

COURSES CERTIFIED:

- Certified in the **Foundations of Deep Learning: Concepts and Applications** course from NPTEL with **Elite Silver** certification.

ACHIEVEMENTS AND AWARDS:

- Best Presentation Award for the paper entitled "**Enhanced Pedestrian Detection in Degrading Weather Conditions for Autonomous Vehicle**" for DPRC-2022, held on 24th - 26th March 2022 at SRM Institute of Science and Technology, Kattankulathur-603 203, Tamil Nadu,

CONFERENCES/SEMINARS/WORKSHOPSATTENDED:

- AICTE Training And Learning (ATAL) Academy **Online Elementary** FDP on "**6G Wireless Communication**" from **20/12/2021** to **24/12/2021** at **Indian Institute of Technology, Dharwad**.
- Participated & completed successfully AICTE Training And Learning (ATAL) Academy **Online Elementary** FDP on "**Machine Learning Applications for Autonomous Driving**" from **24/01/2022** to **28/01/2022** at **KLE TECHNOLOGICAL UNIVERSITY**.
- Participated in the Workshop on DGX System Overview, Conducted by Accelerated AI Computing Lab-Powered by NVIDIA, Department of Computational Intelligence, School of computing, SRMIST, KTR on 18.08.2022.
- Participated in the Patent School Workshop 4th Series from 13th to 15th October 2022, held in SRMIST, Kattankulathur.
- Participated in online lecture series on ***"COMPUTATIONAL INTELLIGENCE AND MACHINE LEARNING"*** organized by Department of Computer Science & Engineering, Sant Longowal Institute of Engineering And Technology, Longowal, Punjab (INDIA), during 14TH & 15TH MARCH, 2022
- Participated in SERB-SSR Sponsored 2-Days Online Skill Development Programme on "6G Wireless Communication" organized by Department of Electrical Engineering Indian Institute of Technology, Dharwad, during 15th -16th Dec. 2022.
- Participated in Webinar on Open Source - Engineer to Entrepreneur, Vaiyagam Techno Solutions, organized by IETE Chennai Centre on 16.12.2022.
- Presented a Paper entitled "**Navigating the Domain Shift: Object Detection in Indian Road Datasets"** in 3rd International Conference on Advanced Network Technologies and Intelligent Computing (ANTIC-2023) held during 20-22 December, 2023, Organized By: Department of Computer Science, Institute of Science, Banaras Hindu University, Varanasi, India. It published in Communications in Computer and Information Science (CCIS) series of Springer publisher.
- Paper presented in International Conference on Intelligent Systems for Communication, IoT and Security (ICISCoIS) held during Feb 9-11,2023, Organized by Department of Information Technology, PSG college of Technology, Coimbatore. It published in IEEE Explore.