



DR. SREETHA E S

HOD, Computer Science & Engineering

Administrative Responsibilities

- Chairperson of AICTE/KTU Inspection Cell
- Member of IQAC
- Department coordinator of Student Enrichment Program (SEP)
- Member of Research Program, Policy Development Committee
- Member of Committee for Accessibility Standards and Inclusive Practices
- Member of Women Empowerment Cell

Education Summary

- Ph.D. Computer Science and Engineering , Karunya University, Coimbatore
- M.E. Computer Science and Engineering, Mahendra Engineering College for Women.
- B.Tech Computer Science and Engineering , Government Engineering College Idukki

Employment History

- Assistant Professor, ,Computer Science and Engineering Department (2016 - 2024) Sahrdaya College of Engineering and Technology, Kodakar , Thrissur Kerala,India.
- Assistant Professor, ,Computer Science and Engineering Department (2010 - 2016) MET'S School of Engineering, Mala
- Lecturer, Universal EMpire Institute of Technology, Ayyanthole, Thrissur(2009-2010)

FDP/STTP Attended

- FDP on Artificial Intelligence and Machine Learning Organized by MET's School of Engineering, 01-10-2024 to 05-10-2024
- NPTEL- AICTE FDP on Python for Machine Learning July- September
- Microsoft certification for Introduction to Programming using Python
- FDP organized by Jyothi Engineering College on MACHINE LEARNING: A Trajectory through The World of Adaptive Algorithms
- FDP organized by AICTE on Inculcating Universal Human Values in Technical Education
- FDP conducted by SAHRDAYA College of Engineering on Machine Learning and deep learning
- FDP conducted by SAHRDAYA College of Engineering on Outcome based Education with assessment and Evaluation
- Train the Trainer program organized by Infosys on Infy TQ Based Foundation program by Infosys
- FDP conducted by Vidya Academy of Science and Technology on Discrete Computational Structures
- FDP conducted by SAHRDAYA College of Engineering on Python Programming and Machine Learning Basic
- FDP conducted by SAHRDAYA College of Engineering on Theory of Computation
- FDP conducted by GEC Thrissur on Open Source Tools for Computing
- FDP conducted by IIT Bombay DFDP101x Foundation Program in ICT for Education
- FDP conducted by SAHRDAYA College of Engineering on Parallel Computing Technologies

Publications

- Language Bridge - Bridging Voices Through NLP and Spoken Input Transcription," 2024 10th International Conference on Advanced Computing and Communication Systems (ICACCS), Coimbatore, India, 2024, pp. 1521-1525, doi: 10.1109/ICACCS60874.2024.10717069
- NutriFoodNet: A high-accuracy convolutional neural network for automated

food image recognition and nutrient estimation. *Traitement du Signal*, Vol. 41, No. 4, pp. 1953-1965. <https://doi.org/10.18280/ts.410425>

- Enhancing Food Image Classification with Particle Swarm Optimization on NutriFoodNet and Data Augmentation Parameters, *International Journal of Computational and Experimental Science and Engineering*, 10(4). <https://doi.org/10.22399/ijcesen.493>
- Investigations on the impact of AI models in human health using nutrient analysis from food images, *Technologies for Healthcare 4.0: From AI and IoT to blockchain*, 2023, pp. 41–61, Book DOI: 10.1049/PBHE058E
- An Investigation on Impact of Malnutrition in Human Health and Technique to Evaluate the Nutrient Intake from the Food Image, 2022 IEEE International Power and Renewable Energy Conference (IPRECON), Kollam, India, 2022, pp. 1-5, doi: 10.1109/IPRECON55716.2022.10059560.
- Comparative Study on Recognition of Food Item from Images for Analyzing the Nutritional Contents. *Disruptive Technologies for Big Data and Cloud Applications. Lecture Notes in Electrical Engineering*, vol 905. Springer, Singapore. https://doi.org/10.1007/978-981-19-2177-3_27
- Performability of VBRCP in VANET using UGFT, *International Journal of Innovative Technology and Exploring Engineering*. 8. 42-46.
- Literature Survey on Underwater Image Enhancement, Published in *International Journal of Trend in Scientific Research and Development*, ISSN: 2456-6470, Volume-4 | Issue-3, April 2020, pp.920-923,
- Unmanned Toll E-Ticketing System, *International Research Journal of Engineering and Technology (IRJET)* e-ISSN: 2395-0056 Volume: 05 Issue: 03 | Mar-2018 www.irjet.net p-ISSN: 2395-0072
- Study on Resource Allocation in Cloud, *International Journal of Computer Science International Journal of Computer Science and Engineering and Engineering and Engineering Open Access Survey Paper* Volume-2, Issue-12 E ISSN: 2347-2693

Conference Presentation/ Participation

- International Conference on Innovative Trends In Computing And Technology organised by Rajaas Engineering College, Vadakkankulam, Tamilnadu, 2013 Experience Subjects Handled Responsibilities
- National Conference on Advanced Technology in Computer Science, Communication and Electrical organised by MET'S School of Engineering, Thrissur, Kerala, 2013
- National Seminar on Trends in VLSI design in MET'S School of Engineering

Mala,2011

- National Conference on E-Waste Management & Recycling Technologies on March 2011 in MET'S School of Engineering, Mala

Areas of Interest

- Programming
- Data Structures
- Graph Theory
- Algorithm Analysis and Design

Achievements

- UGC NET Qualified in Dec 2017
- Reviewer of International Conferences -ADSSSC 2026 and ICCCSIS 2026