Dr. Smitha Vas P

Assistant Professor, CSE

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Qualifications:

- B. Tech in Computer Engineering
- M.Tech in Computer Science & Engineering
- Ph.D in Computer Science & Engineering

Professional Experience:

- 22 years in Teaching
    - Assistant Professor, LBSITW, Trivandrum (2007-Till date)
    - Lecturer,LBSITW,, Trivandrum (2002-2007)
    - Lecturer, LBSCE, Kasaragod (2001-2002)

Recently Taught Courses:

- 2015 Scheme
    - Computer Graphics

- 2019 Scheme
    - Logic System Design
    - Database Management Systems
    - Computer Graphics & Image Processing
    - Machine Learning
    - Image Processing Techniques
    - Database Management Systems Lab
    - Compiler Lab
    - Networking Lab

Achievements:

- Reviewer- International Conference on Advances in Security and Computing(ICASC 2021)

- Reviewer- Second National Conference on Advances in Communication, Signal Processing and Instrumentation 2023
- Qualified GATE 2010

Other Responsibilities:
- Academic Nodal Officer, TEQIP -II Four Funds
- Academic Coordinator, CSE(Batch-II)
- Staff Advisor,2020-24 CSE (Batch-II)
- DQAC Member
- College IQAC Member
- NBA Accreditation(B.Tech in CSE)-Criteria2 in charge
- Session chair- IEEE Second International Conference on Computational Systems and Communication (IEEE ICCSC-2023)

Important Publications:

- Ashita, K., and Smitha Vas P, "Randomized steganography in skin tone images." International Journal of Computer Science, Engineering and Information Technology (IJCSEIT) 8.2/3 (2018): 1-8.

- Pooja, A. S., and P. Smitha Vas. "Edge detection using deep learning." Int Res J Eng Technol 5.7 (2018): 1247-1252.

- Smitha Vas P and Abdul Rahiman M,"A Randomized Hiding Technique in Skin tone based Images",International Journal of Advanced Trends in Computer Science and Engineering,Vol 8. 4(2019):1726-1733

- Varsha Prakash and Vas P Smitha, "Stage Identification and Classification of Lung Cancer using Deep Convolutional Neural Network",Vol. 11, No. 7, 2020.

Membership in Professional Organizations

- ISTE, ACM

Conference/Paper Presentation:

- Lossless Compression of Dithered Images using Pseudo Distance Technique(PDT) in International Journal of Engineering Research in Electronics and Communication Engineering
- Varsha Prakash, P Smitha Vas,"Survey on Lung Cancer Detection Techniques",IEEE 2020 International Conference on Computational Performance Evaluation (ComPE),2-4 July 2020
- Athidhi B.P and Smitha Vas.P,"A Review of safety helmet detection strategies based on YOLO",Second National Conference on Advances in Communication, Signal Processing and Instrumentation (NCACSI) 2023
- Athidhi B.P and Smitha Vas.P,"YOLO-v7 based Model for Detecting Safety Helmet Wear on Construction Sites",6th International Conference on Intelligent Sustainable Systems (ICISS 2023),3-4, February 2023.