

Dr. Sumithra M D



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[Scholar link](#)

Qualifications:

- PhD in Computer Science and Engineering
- M Tech in Computer Science and Engineering
- B Tech in Computer Science and Engineering

Professional Experience:

- 22 years in Teaching
 - Assistant Professor, LBSCE, Kasaragod (2001-2003)
 - Assistant Professor, LBSITW, Trivandrum (2003-Till date)

Recently Taught Courses:

- Data Science
- Soft Computing
- C Programming
- Microprocessors and Microcontrollers
- Computer Organization and Architecture
- System software and Microprocessor Lab
- Microcontroller Lab

Achievements:

- UGC NET
- State Eligibility Test (SET)

Other Responsibilities:

- Internal Quality Assurance Cell (IQAC) Coordinator
- Member of College Council
- Member of Question Paper Setting and Scrutiny committee of B.Tech courses of the University of Kerala and APJ Abdul Kalam Technological University

- Member of Question Paper Setting and Scrutiny committee of B.Tech courses of Mar Baselios College of Engineering and Technology
- Panel Member for KTU Academic Audit Team
- Programme Committee Chair- IEEE Second International Conference on Computational Systems and Communication (IEEE ICCSC-2023)
- Faculty in Charge-Hardware Lab
- Accreditation work Criteria 3 coordinator
- Staff Advisor (2022-2026 CSE Batch 2)

Important Publications:

- A Novel Distributed File System Using Blockchain Metadata.D S Kumar, S Dija, M D Sumithra, M A Rahman, P B Nair - Wireless Personal Communications, 2022,129,pages 501–520 (2023),Springer.
- Symbolic Aggregate approximation-Local Binary Pattern Feature Descriptor Combination for Automatic Facial Expression Recognition.Journal of Computer Science. SCIENCE PUBLICATIONS.Volume 15 No. 1, 2019, 45-56
- Diabetic Retinopathy Detection using Machine Learning,Revathy R , Nithya B S , Reshma J J , Ragendhu S S, Sumithra M D,International Journal od Engineering Research and Technology (IJERT),Volume & Issue : Volume 09, Issue 06 (June 2020),DOI : 10.17577/IJERTV9IS060170
- Performance analysis of LDA, Ensemble Ada boost and Ensemble bag classifiers for automatically recognising nine common facial expressions.Journal of Computer Science. SCIENCE PUBLICATIONS.Volume 14 No. 9, 2018, 1226-1237
- Malayalam Morphological Analyzer Using String Matching Algorithm Divya S Nair , Sumithra M D,IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278-0661,p-ISSN: 2278-8727, PP 89-99
- Significance of Nut Factor in Fastening of Joints in Engineering Structures Setalaxmi H, Sumithra M.D., Anil Kumar E.S.International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9, Issue-6, April 2020

Membership in Professional Organizations

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