

Prof.SMITHA K S

Assistant Professor



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Qualifications:

- B.Tech – Electronics and Communication Engg. (Kerala University)
- M. Tech – Signal Processing (Kerala University)

Professional Experience:

- Assistant Professor, LBSITW, Trivandrum (2008 Feb14-Till date)
- Assistant Professor, LBSCE, Kasaragod (2008 Jan16-2008 Feb 13)
- Lecturer, College of Engineering, Kottarakkara (2007 June-2008 January 10)

Recently Taught Courses:

- Network Theory
- Logic circuit Design
- VLSI structures for DSP
- Design of VLSI systems
- Instrumentation for Agriculture
- Analog Integrated circuits
- Analog Integrated circuits Lab
- Logic Design Lab
- Life Skills
- Optical Instrumentation
- Measurement and instrumentation

- Comprehensive viva
- Design Project
- Project and seminar

Other Responsibilities:

- Staff advisor(2018 22 AE&I)
- Staff advisor(2022 admission)
- In charge of Women cell
- Time Table coordinator(2020-2022)
- *Member of Question Paper Setting and Scrutiny committee of B.Tech courses of the APJ Abdul Kalam Technological university*
- *Department Library in charge*
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Important Publications:

1. Smitha K.S, Smitha.S, “Human Activity Classification with Accelerometer signals from an Android phone”, Proceedings of Second national Conference on “EmergingTechnologies-2013”,NCET-2013,Govt.EngineeringCollege, Bartonhill
2. Smitha K S, “Human Activity Recognition –An android application”, International Journal of Scientific and Engineering Research (IJSER), Volume4, issue 8,August 2013.
3. Ajila. A and Smitha K S Rcvicw on Replay Spoof Detection in Automatic Spcakcr Vrfication System : Volume*Research Journal of Engineering and Technology (IRJET)*. 2010. pp. 1986 1988.
4. Ajila A, Smitha K S. .An overview on Automatic Speaker Verification System Techniques'. Volume 8.Issuc IV,*International Journal for Research in Applied Science and Engineering Technology(IJ RASET)*. 2020. Page No: 355-36 1. ISSN: 2321-9653.
5. Ajiln A. Smitha K S \$pooof Detection in Autonmtic Spenkcr Verification',*Nationall Conference on Advances in Communication.Signal Processingand instrumentation(NCACSI)*, 2020, pp. 60.67.

Research & Consultancy:

- NIL

Membership in Professional Organizations

- Life member ISTE

Conference/Paper Presentation:

- Member- NCACSI-2020 [National Conference On Communication signal Processing and Instrumentation NCACSI-2020]
- Reviewer - Technical Papers - ICCSC-23 [International Conference on Computational Systems and Communication- 2023]