

Mohammed Shaffi J

Assistant Professor



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[Scholar Link](#)

Qualifications:

- B. Tech – Applied Electronics and Instrumentation Engg. (Kerala University)
- M. Tech – Applied Electronics and Instrumentation Engg.(Kerala University)

Professional Experience:

- Assistant Professor, LBSITW, Trivandrum (2008-Till date)
- Assistant Professor, LBSCE, Kasaragod (16-1-2008 to 13-2-2008)

Recently Taught Courses:

- Process Dynamics and Control
- Power Plant Instrumentation
- Computer Architecture and Embedded Systems
- Process Control Lab

Other Responsibilities:

- Assistant Camp Officer (Jun 2019-Till date)
- BoS Member, Robotics and Automation, APJAKTU(June 2020-Till date)
- District Examination Squad(DES), APJAKTU(2020-21).
- College Union Advisor(2018)
- Staff Advisor (2020-2024 AEI)
- Staff Advisor (2008-2012 AEI)
- Member of Question Paper Setting and Scrutiny committee of B.Tech courses of the University of Kerala and APJ Abdul Kalam Technological university

Important Publications:

- *“Smart Cap Wearable Visual Guidance System for Blind”* , Nishajith A, Nivedha J, Shilpa S Nair, Mohammed Shaffi.J, International Conference on Inventive Research Computer and communication Engineering , Volume 6, Issue 2,February 2018
- *“A Review Paper on Speed Control of DC Motor and Virtual Instrumentation”* , Steffy Mary S, Mohammed shaffi.J, International Journal of Innovative Research in in Computing Applications, July 2018
- *“Detection of Contrast Enhancement based Manipulation in Digital Image With Optimisation of Thresholds using Genetic Algorithm ”* , Thankam Varkey,Mohammed shaffi.J, International Conference on Signal and Speech Processing,ICASSP 2016
- *“A general Modulation strategy for multilevel inverters using SVPWM approach”* , Mohammed shaffi.J, Shiny.G, 2016 IEEE International Conference on Power Electronics, Drives and Energy Systems (PEDES), December 2016
- *“Space Vector Based PWM Scheme for Multilevel Inverters”* , Mohammed Shaffi.J, Shiny.G, National Conference on Technological Trends, September 2015

Research & Consultancy:

- *“MEMS Sensor Controlled Haptic Fore Finger Robotic Aid”* , Funded by Center for Disability Studies
- *“AUTONOMOUS CROP MONITORING SYSTEM ”* , Funded by KSCSTE, Govt of Kerala.
- *“SPEECH BOT ”* , Funded by KSCSTE, Govt of Kerala.

Conference/Paper Presentation:

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