

HEMA S

Assistant Professor



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Qualifications:

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

Professional Experience:

- Assistant Professor, LBSITW, Trivandrum (2011-Till date)
- Assistant Professor, LBSCE, Kasaragod (2008-2011)
- Lecturer, PAACET (2006-2007)

Recently Taught Courses:

- Microwaves and Antennas
- Microwave Devices and Circuits.
- MEMS
- Control Systems
- Measurements and Instrumentation
- Digital Lab
- Scientific Computing Lab

Other Responsibilities:

- Aicte Coordinator
- Staff Advisor (2010-2014 ECE)
- Staff Advisor (2014-2018 ECE)
- Staff Advisor (2019-2023 AEI)
- Member of Question Paper Setting and Scrutiny committee of B.Tech courses of the University of Kerala and APJ Abdul Kalam Technological university

Publications:

- “A Review on Lung Disease Classification”, Anushia M., Hema S Second National Conference on Advances in Communication, Signal Processing and Instrumentation 2023
- Lung Disease Classification using CNN, Anushia M., Hema S 3rd International Conference on Computer Vision and Robotics (CVR 2023)
- “EMOTION RECOGNITION SYSTEMS: A REVIEW” Shilpa M, Hema S International Research Journal of Engineering and Technology (IRJET) Volume: 09 Issue: 04 Apr 2022
- “A Review Paper on Elderly Fall Detection”, Gouri Nandhana, Hema S International Research Journal of Engineering and Technology (IRJET) Volume: 09 Issue: 06 June 2022
- “A REVIEW PAPER ON THE DETECTION OF DIABETIC RETINOPATHY”, Revathy A, Hema S International Research Journal of Engineering and Technology (IRJET) Volume: 09 Issue: 04 Apr 2022
- “A Review on Text Recognition for Visually Blind People”, Sivaganga, Hema S. **International Research Journal of Engineering and Technology (IRJET)** Volume 7, Issue 2, February 2020

Research & Consultancy: NIL

Membership in Professional Organizations

- Life member ISTE

Conference/Paper Presentation:

- Reviewer - Technical Papers - ICCSC-23 [International Conference on Computational Systems and Communication- 2023]