

# Parvathi V S

Assistant Professor



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[Scholar Link](#)

## Qualifications:

- B. Tech – Electronics and Communication Engineering. (University of Kerala)
- M. Tech – Signal Processing (University of Kerala)
- Ph.D - pursuing (University of Kerala)

## Professional Experience:

- Assistant Professor, LBSITW, Thiruvananthapuram (2021-Till date)
- Assistant Professor, Mohandas College of Engineering and Technology, Anad, Thiruvananthapuram (2012-2014)
- Lecturer, IHRD College of Applied Sciences , Dhanuvachapuram, Thiruvananthapuram (2009)
- Lecturer, LBSITW, Thiruvananthapuram (2009)

## Courses Taught:

- Estimation and Detection Theory
- Digital Image processing
- Analog Communication
- Programming in C
- Logic Circuit Design
- Professional Ethics
- Digital Image processing Lab
- Scientific Computing Lab
- Logic Circuits Lab

## **Important Publications:**

- Parvathi V. S. and Jiji C. V., "Refraction Corrected Pose Estimation for 3D reconstruction of underwater objects", Proceedings of 10th ICCCNT, 2019,IIT Kanpur (IEEE)
- Parvathi V. S. and Jiji C. V., "Multiview 3D reconstruction of underwater scenes acquired with a single refractive layer using structure from motion" ,Proceedings of 24th National Conference on Communication 2018 organized by IIT Hyderabad (IEEE).
- Parvathi V. S., Praveen Sankaran and Smitha Satheesh, "Face Recognition using Modular Kernel PCA", Proceedings of 13th National Conference on Technological Trends (NCTT 2012) August 2012.
- Parvathi V. S., Praveen Sankaran and Smitha Satheesh, "Modular Approach on Kernel Principal Component Analysis for Enhanced Face Recognition", Proceedings of 2012 Annual IEEE India Conference (INDICON 2012) December 2012.

## **Other Responsibilities:**

- Coordinated and participated - FDP on Recent Trends in Bio nano-electronics, March 2022
- Coordinated and participated - FDP on Artificial Intelligence, April 2022
- Coordinated- Expert talk on CST Antenna simulation software, December 2022
- Reviewer - Technical Papers - ICCSC-23 [International Conference on Computational Systems and Communication- 2023]

## **Achievements:**

- UGC - NET 2017
- GATE 2010, SCORE : 476