






# Ms. Lekshmi M S



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 <https://www.icet.ac.in/faculties/4/staff-profile>



## Employment History

- Jan 2010 – .....     **Assistant Professor**, Department of Electronics & Communication Engineering, Ilahia College of Engineering and Technology
- Feb 2005 – Jan 2010     **Lecturer**. Department of Electronics & Communication Engineering, MES College of Engineering, Kuttipuram
- Sep 2004 – Dec 2004     **Lecturer**. Department of Electronics & Communication Engineering, Matha College of Engineering and Technology, North Paravur

## Education




- 2007 – 2009     **Post Graduation, NIT Calicut:** M.Tech in Digital Systems and Communication Engineering  
Thesis title: *Design and Analysis of stream ciphers*
- 2000 – 2004     **Under Graduation, CUSAT:** B.Tech in Electronics and Communication Engineering.

## Research Publications

### Journal Articles

- 1 N. M. A and L. M. S, “Fake colorized images detection using cnn classifier,” *International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering*, vol. 9, no. 6, 2020.
- 2 T. K. Muhseena and L. M. S, “Model for pitch estimation using wavelet transform based cepstrum method,” *International Journal of Recent and Innovation Trends in Computing and Communication*, 2017.
- 3 F. Yousaf and L. M. S, “Single channel speech separation based on wavelet packet transform based cochlear modeling,” *International Journal of Scientific Engineering Research*, 2017.
- 4 T. K. Muhseena and L. M. S, “Model for pitch estimation using wavelet packet transform based cepstrum method,” *Elsevier Procedia Technology*, 2016.
- 5 R. E. R and L. M. S, “Single channel speech separation with frame-based summary autocorrelation function,” *Elsevier Procedia Technology*, 2016.

## Skills

- Languages     Strong reading, writing and speaking competencies for English and Malayalam
- Softwares     Matlab, radio, Pspice, embeded C,  $\text{\LaTeX}$ .
- Misc.     Academic research, teaching, training, consultation.

## Miscellaneous Experience

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### Awards and Achievements

- 2013-14 ■ **Merit Award**, Received the "Award of Excellence" for outstanding performance in ICET during academic year.
- 2014-15 ■ **Merit Award**, Received the "Award of Excellence" for outstanding performance in ICET during academic year.
- 2016-17 ■ **Merit Award**, Received the "Award of Excellence" for outstanding performance in ICET during academic year.

### Certification/Affiliation

- 2022 July- 2022 August ■ **Certification. NPTEL: Brief Introduction to Psychology.**

### FDP

- 2023 ■ **Advances in communication Engineering**, Viswajyothi College of Engineering and Technology,Vazhakkulam, March 6-10, 2023.
- 2022 ■ **Enabling Entrepreneurship and Startup**, NITTTR,Chennai,October 17-21, 2022.
- 2021 ■ **Sustainable Engineering Practices in Agriculture and Automotive Industry**, M A College of Engineering, Kothamangalam ,May 17-21, 2021.
- **Embedded Systems**, College of Engineering Kidangoor, March 3-6, 2021.
- **Professional Ethics in current pandemic scenario**, College of Engineering Perumon, Feb, 22-27, 2021.

### Workshops

- 2022 ■ **Introduction to GNU Radio**, College of Engineering Attingal. July 2, 2022.

### Conferences

- 2023 ■ **IEDC SUMMIT 2023**, Rajagiri School of Engineering and Technology, Ernakulam. March 3 2023
- 2022 ■ **IIC regional Meet 2022**, KMEA engineering College Kochi, August 6, 2022.
- **IEDC SUMMIT 2022**, St. Joseph College of Engineering Pala, March 5, 2022.

### Duties/Responsibilities

- **Nodal officer of AISHE**
- 2021 ■ **IEDC Assistant Nodal officer**
- 2020 ■ **Research and Development cell**
- **In charge of AICTE related matters**
- **Overall in charge of NBA Criteria 8 of the College**
- 2019 ■ **Mentor 2019-23 ECE Batch**

## References

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**Dr. Jinsa Kuruvila**, Assistant Professor, M A College of Engineering, Kothamangalam, email: [jinsa\\_k@yahoo.com](mailto:jinsa_k@yahoo.com) Mob : 9645836063