



NAME: ELSA SNEHA THOMAS  
DESIGNATION: ASSISTANT PROFESSOR  
DEPARTMENT: DEPT. OF APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING  
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### EDUCATION SUMMARY

Pursuing PhD - CHRIST (Deemed to be University)

M E-Applied Electronics – T J Institute of Technology, Anna University, Chennai

B Tech - Electronics and Communication-Mount Zion College Of Engineering, M G University

### EMPLOYMENT HISTORY

Working as Assistant Professor in Applied Electronics and Instrumentation Department of Mount Zion College Of Engineering, Kadammanitta since September 2013.

### PAPERS PUBLISHED

Published a paper on “**A Vibration Based Piezo Electric Energy Scavenging Interface with Feedback Monitoring**” in International Journal of Science and Research Vol: 5 Issue 12

Published a paper on “**Self Powered Nanopiezo electric Device based on ZnO Nanorod array on flexible conjugated copolymer hybrid**” in International Journal of Science and Research Vol: 9 Issue 12 Dec 2020

### CONFERENCE ATTENDED

International Conference on Recent Innovations in Technology and Management-15, Mount Zion College of Engineering

National Conference on Ultra Modern Techniques in Information Technology, S A College of Engineering.

National Conference on Recent Innovations in Technology and Management-14, Mount Zion College of Engineering.

### INDUSTRIAL TRAINING

Full Time Training Course on ‘Broadband’- Regional Telecom Training Centre, Thiruvananthapuram.

## WORKSHOPS ATTENDED

- National Level Faculty Development Programme on OrCAD, MATLAB & DSP Processors, 2013 Dept of ECE, SaintGits College of Engg. Kottayam
- TEQIP Sponsored FDP on Image Processing Using Labview, 2016, RIT Pampady.
- FDP On Methodologies for Teaching modern learners, 2017 MBA Dept., Mount Zion Institute of Management, Kozhuvallur
- ISTE Sponsored FDP on Analog Circuits, Dept. of ECE, 2018 SaintGits College of Engg. Kottayam.
- FDP On 'Digital Design & Emerging Trends in VLSI', 2018 ECE Dept., Musaliar College of Engg. & Technology, Pathanamthitta
- FDP On 'Implementation of Virtual Instrumentation in control, Robotics and Mechatronics, 2019 EEE Dept., Musaliar College of Engg & Technology.
- ISTE Sponsored FDP On 'Mentoring and Transaction Analysis, 2019 AE&IE Dept., Saint Gits College of Engg. Kottayam
- FDP on 'Pervasive industrial Competence' I & C Dept. 2020, NSS College of Engg. Palakkad
- FDP on 'Emerging Areas in Manufacturing' Dept. of ME, 2020, VimalJyothy College of Engg. Kannur.
- KTU Sponsored FDP on 'Artificial Intelligence and Machine Learning: Theory and Applications' Dept of AE&I Dept. 2021, Rajagiri School of Engineering and Technology.
- AICTE Sponsored FDP on 'Artificial Intelligence' January 2021, SreeBudha College of Engineering.
- AICTE Sponsored FDP on 'Internet of Things' January 2021, Amal Jyothi College of Engineering.
- AICTE Online Workshop on 'Universal Human Values-Inculcating Universal Human Values in Technical Education' 2020 December 14-18.

## WEBINARS ATTENDED: 17

### AREAS OF INTEREST

MEMS  
NEMS  
Nanotechnology

### PROFESSIONAL MEMBERSHIP

International Association of Engineers (IAENG)

### PROJECTS GUIDED

Pneumatic Conveying of AIC13 using PLC- MZCE, Kadammanitta-May 2014  
Automatic Periodic Bell – MZCE, Kadammanitta-May 2015  
Solar Powered Automated Irrigation system – MZCE, Kadammanitta-May 2016

## RESPONSIBILITIES

KTU Question Paper Setter  
Active member in College Department Forums, College Examination Cell, National Service Scheme, Red Ribbon Club.  
Organised Webinar on 'Real Time Application of IoT in Agricultural Sector' -December 2020