

Ms. RINSA EA

**Assistant Professor
Department of
Electronics and communication Engineering**



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Academic Background:

B.Tech : KMEA Engineering college, Electronics and communication Engineering, MGU, Edathala, Kerala, 2009
M.E(Applied Electronics) : PSNA CET, Dindigul, Anna University, Trichy, Tamilnadu, 2011

Areas of interest:

Digital Signal Processing, Switching Theory and Logic Design, Electronic circuits

Subject handled:

B tech: Digital Signal Processing, Digital electronics, Microprocessor and applications, Electronics Devices and Circuits, Digital Communication Technique, Secure Communication, Switching Theory and Logic Design, Discrete and Integrated Electronics Circuits, Computer Communication

M tech: DSP Algorithm and architecture, Embedded Network Design

Software Proficiency:

MATLAB,Modelsim,Pspice,C Programming,VERILOG

**Experience:
(7 Years)****Academics: (7 years)**

1. December 2010 to June 2010.
2. July 2011 to Till date

1. **Lecturer**, Department of ECE,MCT, N Paravur,Kerala.
2. **Assistant Professor**, Department of ECE, Ilahia College of Engineering & Technology, Mulavoor, Muvattupuzha.

Professional Association Activities

1. paper titled '**Android based Energy management system**' in the conference 'NACET2K18' on 17th March 2018
2. paper titled '**Android based Office Automation**' in the conference 'NTECC 14' organized by ICET, Mulavoor, Kerala on 25th-26th April 2014
3. paper titled '**Implementation of High Speed RISC**' in the conference 'NTECC 14' organized by ICET, Mulavoor, Kerala on 25th-26th April 2014
4. Published a paper titled '**Black hole detection scheme In wsn for mobile replica node detection and rejection**' in IJREEIE, volume 2, special issue 1, December 2013
5. paper titled '**Automatic Region Growing Method using Com Matrix**' in the conference 'NCRTCCS 11' organized by Christian College of Engineering and Technology, Oddanchatram, Tamilnadu on 11th march 2011
6. Paper titled '**Region Growing Based Improvisation of Image Inference**' in the conference 'NCICIS2011' organized by KMEA Engineering College, Cochin, Kerala, 25-26 February 2011

Publications details :**International Journals
/ Conferences:**

Workshops:	<ol style="list-style-type: none"> 1. Short term training programme on 'Speech Processing' sponsored by ISTE at Viswajyothi College of Engineering and Technology, December 2015
Events Organized/ Conducted	<ol style="list-style-type: none"> 1. organized a Seminar on 'Overseas Education' with the help of GLOBAL EDU an overseas educational consultants based on Kothamangalam..
Achievements	<p>Secured 100 percentage results for the following subjects</p> <ol style="list-style-type: none"> 1. Embedded Network Design
Add-on Courses Attended	<ol style="list-style-type: none"> 1. Participated in two days FDP on Signal Processing organized by ECE Department, ICET, Mulavoor on 12th -13th January 2016 2. Participated in 5 days FDP on INDUSTRIAL ROBOTICS organized by E Yantra(center of excellence in robotics and IoT)in association with ECE Dept, FISAT on 16th -20th July 2018
Other Responsibilities	<ol style="list-style-type: none"> 1. Department placement co ordinator for 2012-16 batch 2. Department placement co ordinator for 2013-17 batch 3. Mentor and tutor for 2012-16 batch 4. Mentor and tutor of 2015-2019 batch for 4 semesters 5. Course committe chairman of the course 'sustainable engineering' for 2 semesters 6. Course committe chairman of the course 'design engineering' for 2 semesters 7. Department co ordinator of ktu audit of a semester in the dept 8. Department placement co ordinator for 2015-19 batch 9. Department co ordinator for the session of alumni speakers. 10. Department co ordinator for IETE/ISTN 11. Member of Discipline Committee

