


Name	V.SINDHUJA			
Department	ECE			
Qualification	B.E., M.E.,			
Area of Specialization	APPLIED ELECTRONICS			
Date of Joining (KSR IET)	01-06-2018			
Experience (as on 01.06.2020)	Teaching: 2 Y	Industry:	Others: -	
Number of Papers Published	National Journals : - International Journals : 01			
Number of Papers Presented	National Conferences : - International Conferences : 02			
Books Published	National Publisher : - International publisher : -			
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PUBLICATIONS (International Journals)

- Paper titled, “Automatic segmentation of Right Ventricle from Cardiac MRI ” published in **International Journal of Applied Engineering Research (IJAER), Annexure II** and ISSN: 0973-4562.

PUBLICATIONS (International Conferences)

- Presented a paper titled, “Automatic segmentation of right ventricle from Cardiac MRI” in **International Conference on innovative strategies in renewable energy and its applications (ISREA)’2015** held at Sona College of Technology.
- Presented a paper titled, “NewGen Rider’s Gadget” in **8th International Conference on Advanced Science and Engineering Research (ASER-2019)** held at Al-Ameen Engineering College.

ONLINE CERTIFICATION

S. No.	Course	Conducted by	Date	Status
1.	DIGITAL IMAGE PROCESSING	NPTEL & SWAYAM	JUL to OCT - 2018	ELLITE
2.	PRINCIPLES OF SIGNALS AND SYSTEMS	NPTEL & SWAYAM	JAN to APRIL 2019	ELLITE
3.	ANALOG COMMUNICATION	NPTEL & SWAYAM	JUN to NOV 2019	ELLITE & SILVER

PROGRAMMES ATTENDED (Seminar/ Workshop/ FDP / STTP others)

S. No	Name of the Programme	Type of the Programme	Organised by	Period
1.	Digital Image Processing	Faculty Development Program	NPTEL	July-Oct,2018
2.	How to write a Successful Project Proposal to Funding Agencies	Seminar	Library & Reader's Club, K.S.Rangasamy College of Technology, Tiruchengode	July,2018
3.	Applications of MATLAB in DIGITAL IMAGE PROCESSING	Workshop	KSR College of Engineering	Sep, 2014
4.	VLSI Design using CADENCE tools suite	Workshop	KSR College of Engineering	March,2015
5.	PCB Design using Software	Workshop	Velalar College of Engineering and Technology	Dec,2010
6.	Microsoft Dreamspark Yatra	Event	Velalar College of Engineering and Technology	March,2010

PROGRAMMES ORGANIZED (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Name of the Programme	Type of Programme	Date
1.	MATLAB ONRAMP	WORKSHOP	22.02.2019

AWARDS WON

S. No.	Name of the Award	Academic Year
1.	Secured 36 th Anna University Rank in BE-ECE	2012-2013
2.	Secured District Third in Biology during 10 th Standard Board Exam.	2006-2007

SUBJECT LINKS

SIGNALS AND SYSTEMS

- [Classification of Signals and Systems](#)
- [Fourier Series and Fourier Transform](#)
- [Sampling theorem](#)
- [Discrete time signals and systems](#)

COMMUNICATION THEORY

- [Amplitude Modulation](#)
- [Angle Modulation](#)
- [Random Process](#)
- [Noise Characterization](#)
- [Sampling and Quantization](#)

COMPUTER ARCHITECTURE

- [Overview and instructions](#)
- [Arithmetic Operations](#)
- [Processor and control unit](#)
- [Parallelism](#)
- [Memory and I/O systems](#)

MEDICAL ELECTRONICS

- [Electro-Physiology and Bio-Potential Recording](#)
- [Bio-Chemical and Non Electrical Parameter Measurement](#)
- [Assist Devices](#)
- [Physical Medicine And Biotelemetry](#)
- [Recent Trends in Medical Instrumentation](#)

WIRELESS COMMUNICATION

- [Wireless channels](#)
- [Cellular Architecture](#)
- [Digital Signaling for fading channels](#)
- [Multipath mitigation techniques](#)
- [Multiple Antenna techniques](#)

WIRELESS NETWORKS

- [Wireless LAN](#)
- [Mobile Network Layer](#)
- [3G Overview](#)
- [Internetworking Between WLANS AND WWANS](#)
- [4G & Beyond](#)