

Name : **Haritha Mittapally**

Designation: Assistant Professor

Department: ECE

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Experience (in years): Teaching: 11 years Research: NA Others (If any, specify): NA

### 1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	B. Tech.	2004	Electronics & Communication Engineering
2	M. Tech.	2010	Embedded systems

### 2. Teaching and Learning:

- 2.1. Teaching Interests: Communications, Signal Processing, Probability Theory and Stochastic Processes, Control Systems, Electronic Devices and Circuits, Network Theory, Pulse and Digital Circuits, IC Applications, Digital Electronics, Microprocessors and Microcontrollers, Embedded Systems, Embedded Networking.
- 2.2. Novel Teaching & Learning Techniques adopted: WIT & WIL, POGIL, PPT, Learning by Doing.
- 2.3. Involvement in curriculum updating / Design: Time table coordinator, Lab Protocol, Story Board, Lab Management, COs and POs attainment.

### 3. Co-curricular and Extra-Curricular Activities

- 3.1. Interests and Hobbies: Sports, Listening to music, Reading books.
- 3.2. CCA/ECA Organized:
  - Achieved Elite Certificate in Networks and Systems NPTEL Online Course.
  - Coordinated Electronic Circuit Design at MRECW.
  - Coordinated musical night at MRECW.
  - Coordinated cancer awareness program conducted at VNR VJIET.
  - Coordinated an Industrial Tour to icomm Tele ltd and Kwality Photonics Pvt. Ltd.
- 3.3. CCA/ECA participated:
  - Life member of Indian Society for Technical Education (ISTE).
  - Participated in Scintillashunz .
  - Participated in Dussera and Bathukamma Celebrations.
- 3.4. Counseling and Mentoring Activity: Day-to-day analysis, anti-ragging, general discipline, motivation.
- 3.5. Committees involved in:  
Department level: College Radio, Disciplinary, Time Table  
Institute Level: Extra curricular

### 4. Conference / Workshop / Seminar / Guest Lectures:

- 4.1. Conducted:
  - A Half-Day Workshop on Embedded Systems at VNRVJIET
  - A Guest Lecture on LEDs in Real Time Applications at VNRVJIET
  - National Level Conference (SPCOM-SD-2014) at MRECW.
  - Workshop on PSOC Mixed Signal Microcontroller at MRECW.
  - Workshop on ARM Processor at MRECW.

- Workshop on ROBOTICS at MRECW.

#### 4.2. Attended:

1. TEQIP-II sponsored workshop on Low Power Embedded Systems using ARM Cortex-M4F based MSP432 at VRVJIET during 16<sup>th</sup> to 18<sup>th</sup> Jun 2016.
2. Workshop on Cloud Big Data Analytics with Microsoft Azure Machine Learning and Power BI Tools on 16<sup>th</sup> apr 2016.
3. Workshop on Digital Design through Arduino by IIT Hyderabad Teaching Learning Centre on 16<sup>th</sup> Jun 2016.
4. Workshop on Advanced Programming Techniques with MATLAB at JNTUH College of Engineering on 16<sup>th</sup> Sep 2016.
5. TCS conducted FDP on Latest Technology & Trends (4G, NFV, IOT, SDN, Network Management) on 20<sup>th</sup> Aug – 21<sup>st</sup> Aug 2015 at VNR VJIET.
6. MeitY, Govt of India sponsored FDP on Sensor Networks and Internet of Things organized by the E&ICT academy, NIT, Warangal, at VNRVJIET from 27<sup>th</sup> Nov-2<sup>nd</sup> Dec 2016.
7. Two week AICTE sponsored workshop on Recent Trends in Wireless Technology at VNR VJIET.
8. TEQIP-II sponsored workshop on Real Time Applications using LabVIEW at VRVJIET
9. TEQIP-II sponsored workshop on Embedded Hardware, Operating Systems and IOT Applications at VNRVJIET.
10. Two Week ISTE STTP on Technical Communication conducted by IITB at VNRVJIET.
11. AICTE sponsored Faculty Development Program on Trends in Wireless Communication Technology and Evolution of Simulation Tools at VNRVJIET.
12. Attended Two-Week ISTE workshop on Introduction to Research Methodologies conducted by Indian Institute of Technology Bombay.
13. Participated in A Two-Week ISTE Workshop on Analog Electronics conducted by Indian Institute of Technology Kharagpur.
14. Attended Two-Week ISTE Workshop on Signals & Systems conducted by Indian Institute of Technology Kharagpur.
15. Participated in the Faculty Development Programme on Effective Teaching Methodologies conducted by MRCET, Hyderabad.
16. Participated in One Week Refresher Course on Analog and Digital Communication organized by MRECW, Hyderabad.
17. Participated in the workshop on Programmable System on Chip Mixed Signal Micro Controller organized by MRECW, Hyderabad on 22<sup>nd</sup> to 23<sup>rd</sup> Jun 2012.

#### **5. Academic Contribution and Research & Consultancy:**

- 5.1. Invited Lectures: NA
- 5.2. Articles/Chapters published in Books: NA
- 5.3. Books published as single author or as editor: NA
- 5.4. Projects Guided:
  - a) UG: 12
  - b) PG: 6
- 5.5. Research Interests: communications & signal processing.
- 5.6. Ph.D students:
  - a) Enrolled: NA
  - b) Submitted: NA
  - c) Awarded: NA
- 5.7. Papers published in reviewed Journals:

S.No	Title of the Paper	Journal Name Vol.No.	ISBN /ISSN No.	Impact Factor/ Citation Index	National/ International
1	Compact Implementation of DSSS Waveform Using Xilinx Zynq SOC and AD9361 Transceiver	International Journal of Current Engineering and Scientific Research (IJCESR)	ISSN (PRINT): 2393-8374, (ONLINE): 2394-0697,	3.241 UGC	International
2	Web based Remote Monitoring and Controlling System using Dragino	IJCSIET--International Journal of Computer Science information and Engg., Technologies, ISSUE4-VOLUME3-SERIES3	ISSN 2277-4408    01122 014-003	2.93/ Google Scholar	International
3	Wi Fi Raspberry Pi based smart Advertising	International Journal of Embedded & VLSI System, Volume 3, Issue 11 Nov 2014	ISSN: 2349 8129	1.89/ Google Scholar	International
4	An Innovative Vehicular Tracking System with Accident Protection	International Journal of Research in Information Technology (IJRIT), Volume 3, Issue 1, January 2014, Pg. 29-40	ISSN 2001-5569	1.74/ Google Scholar	International
5	Intelligent Wireless Embedded System for Vehicle Control in Transportation System Based on GSM and GPS Technology	International Journal of Research in Signal Processing, Computing & Communication-System Design, Vol: 01, Issue: 01, Jan-June, 2015	ISSN: 2395 – 3187	1.2/ Google Scholar	International
6	Deployment and Range Extension of Fully Automated Commando Training System	International Conference on Computer and Communication Technologies - IC3T 2014, March 18-19 2014		Google scholar	International
7	Deployment and Range Extension of Fully Automated	International Conference on Computer and Communication		Google scholar	International

	Commando Training System	Technologies - IC3T 2014, March 18-19 2014			
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5.8. Papers presented at National / International conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Design and implementation of USB dual role system	National Conference on Information Systems & Knowledge Engineering (MRNCISKE-2013)	National Conference	19 <sup>th</sup> ,20 <sup>th</sup> July 2013
2	Wi-Fi Based Smart Home System for Disabled People	National Conference on Information Systems & Knowledge Engineering (MRNCISKE-2013)	National Conference	19 <sup>th</sup> ,20 <sup>th</sup> July 2013

5.9. Sponsored research Projects: NA

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects: NA

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

**6. Awards / Honors received:** Received Miss Perfect award for the year 2014-15 at MRECW on 31<sup>st</sup> December 2014.

**7. Motto:** The more you believe in your own ability to succeed, the more likely it is that you will.