Name: **Haritha Mittapally**

Designation: Assistant Professor
Department: ECE
Mail ID: mgharitha@gmail.com, haritha_m@vnrvjiet.in

Experience (in years): Teaching: 15 years; Research: 4; 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
3	Ph.D.	Pursuing	Networked control and Multi-agent systems

2. Teaching and Learning:

2.1. Teaching Interests: Control Systems, Communications, Signal Processing, Probability Theory and Stochastic Processes, Circuit Theory, Digital Electronics, Microprocessors and Microcontrollers, Embedded Systems, Embedded Networking, Embedded Real-time Operating Systems, Cyber Security, Wireless Sensor Networks, Embedded C, Programming for Embedded System Design, Digital Control Systems, Networked Control Systems, Internet of Things, Multi-agent Systems, System Identification.

2.2. Novel Teaching & Learning Techniques adopted: Learning by Doing, POGIL, WIT & WIL, and PPT.

2.3. Involvement in curriculum updating / Design: Timetable coordinator, Lab Protocol, Story Board, Lab Management, COs, and POs attainment.

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Sports, Yoga, 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.
- Worked towards understanding the complex engineering problems term to present in front of the NBA committee - Aug 2023.
- Coordinated Parents' meetings for I -year ECE students.
- Coordinated Parnets' meetings for II-year ECE students.
- Department monthly report verification.

3.3. CCA/ECA participated:
- Life member of the Indian Society for Technical Education (ISTE).
- Participated on behalf of the ECE Dept in Dussera and Bathukamma Celebrations and won first prize.

1.4. Counseling and Mentoring Activity:
- Day-to-day analysis, general discipline, motivation.

3.5. Committees involved in:
     Department level: College Radio, Disciplinary, Time Table
     Institute Level: Extracurricular

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 a workshop on Low Power Embedded Systems using ARM Cortex- M4F based MSP432 at VRVJIET from 16th to 18th Jun 2016.
2. Workshop on Cloud Big Data Analytics with Microsoft Azure Machine Learning and Power BI Tools on 16th Apr 2016.
3. Workshop on Digital Design through Arduino by IIT Hyderabad Teaching Learning Centre on 16th Jun 2016.
4. Workshop on Advanced Programming Techniques with MATLAB at JNTUH College of Engineering on 16th Sep 2016.
5. TCS conducted FDP on Latest Technology & Trends (4G, NFV, IoT, SDN, and Network Management) on 20th Aug – 21st 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 27th Nov-2nd 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 the Faculty Development Program on Trends in Wireless Communication Technology and Evolution of Simulation Tools at VNRVJIET.
12. Attended a Two-Week ISTE workshop on Introduction to Research Methodologies conducted by the Indian Institute of Technology Bombay.
13. Participated in A Two-Week ISTE Workshop on Analog Electronics conducted by the Indian Institute of Technology Kharagpur.
14. Two-Week ISTE Workshop on Signals & Systems conducted by the Indian Institute of Technology Kharagpur.
15. Participated in the Faculty Development Programme on Effective Teaching Methodologies 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, from 22nd to 23rd Jun 2012.
18. CEP Course on Nonlinear Estimation for Engineers by Indian Institute of Technology, Patna, from 1st to 5th Feb 2020.

19. One Week National Faculty Development Program and Online Training on "LaTeX" organized by Sanjay Ghodawat University, Kolhapur, in association with Spoken Tutorial Project, IIT-Bombay, from 27th April to 2nd May 2020.
20. IGSC 2020 Program virtual Module M16 sliding mode control from 30th Sep to 3rd Oct.

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: NA

5.2. Articles/Chapters published in Books: NA

5.3. Books published as a single author or as editor: NA

5.4. Number of

5.4. Projects Guided:

    a) UG: 12

    b) PG: 6

5.5. Research Interests: Networked Control Systems, Multi-agent Systems, Internet of Things, and 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	Predictive control of networked control system with event-triggering in two channels	European Journal of Control Volume 72, July 2023, 100810	Online ISSN: 1435-5671 Print ISSN: 0947-3580	4.1 SCI	International
2	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
3	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 || 01122014-003	2.93/ Google Scholar	International
4	Wi Fi Raspberry Pi based smart Advertising	International Journal of Embedded &	ISSN: 2349 8129	1.89/ Google Scholar	International

		VLSI System, Volume 3, Issue 11 Nov 2014			
5	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
6	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
7	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
8	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

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	National Conference	19th,20th July 2013

		Engineering (MRNCISKE-2013)			
2	Wi-Fi Based Smart Home System for Disabled People	National Conference on Information Systems & Knowledge Engineering (MRNCISKE-2013)	National Conference	19th,20th 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 2014-15AY at MRECW on 31st December 2014.

- As a reviewer for the International Journal of Adaptive Control and Signal Processing.

7. Motto: The more you believe in your ability to succeed, the more likely you will be.