

Name: **M. Rama Devi**  
 Designation: Assistant Professor.  
 Department: ECE  
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Experience (in years): 24 Teaching: 5.5 Research: nil Others (If any, Specify): 19

1. Assistant Professor (since 2016 to till date) at VNRVJIET, Hyderabad.
2. Instructor (1997-2015) at VNRVJIET, Hyderabad.

### 1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D	Registered in 2021	Wireless Communications
2	M.Tech.	2015	Embedded Systems
3	B.Tech.	2013	Electronics & Communication Engineering

### 2. Teaching and Learning:

- 2.1. Teaching Interests: Embedded System, ERTOS, STLD, CO, Analog Communication system, Digital Communication system, Control Systems, IoT.
- 2.2. Novel Teaching & Learning Techniques adopted: Teaching through Exercises and Projects PPT, Videos, POGIL, LBD, Group Discussion, Quiz, Mind map, WIT and WIL, Lab Protocol
- 2.3. Involvement in curriculum updating / Design: Involved in Lab Protocol Design, Story Board Design of MPMC Lab.

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

- 3.1. Interests and Hobbies: Interest in Teaching, Helping students who are slow learners and encourage students to study and work hard.
- 3.2. CCA/ECA Organized: One of the Member in conduct many students cultural, annual day, sports day functions.
- 3.3. CCA/ECA participated: Involved in conduct many student's activities at VNRVJIET.
- 3.4. Counseling and Mentoring Activity: Mentoring I, and IV B.Tech students, Counseling students when required.
- 3.5. Committees involved in:
  - Department level:
    - Involved to Establish Laboratories in the Department.
    - Handled EDC, PDC, Communications Laboratories.
  - Institute Level:
    - Member in Women Welfare Committee at VNRVJIET.

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

- 4.1. Conducted: Nil
- 4.2. Attended:
  1. Staff Development Program on "B. Tech ECE Practical courses" during 9<sup>th</sup> to 13<sup>th</sup> June 2003, at Sreenidhi Institute of Science and Technology, Hyderabad.
  2. Short Term Course on "Repair and Maintenance of Electronic Test Equipment" during 12<sup>th</sup> to 30<sup>th</sup> Apr 2004, at Advanced Training Institute for Electronics & Process Instrumentation, Ramanthapur, Hyderabad.
  3. Short Term Course on "Embedded Systems" during March 2006 at VNRVJIET, Hyderabad.
  4. Staff Development Program on DSP Processor Architectures & Programming" during Dec 2011, At VNRVJIET, Hyderabad.
  5. AICTE Sponsored FDP on "Trends in Wireless Communication and evolution tools" during 11<sup>th</sup> to 23<sup>rd</sup> may 2015, at VNRVJIET.

6. AICTE Sponsored FDP on “Real Time Embedded System Development” during 18<sup>th</sup> to 30<sup>th</sup> Nov 2013, at VNRVJJET.
7. Texas Instruments India University Program on “Texas Instruments Innovation Challenge – India Analog Design Contest” during 16<sup>th</sup> Sep to 12<sup>th</sup> Oct 2014, at VNRVJJET.
8. TEQIP-II Sponsored Work shop on "Skill Up gradation on Open source Platform(Linux)" during 17<sup>th</sup> to 18<sup>th</sup> May 2013, at VNRVJJET.
9. TEQIP-II Sponsored Work shop on "Real time Applications using LABVIEW" at VNRVJJET during 1st - 4th July 2015.
10. Attended 4<sup>th</sup> International IEEE conference on “Computing, Communication and Sensor Networks” Organized by IEEE(EDS) Kolkata chapter on 24-25<sup>th</sup> December 2015 in Kolkata.
11. FDP on “Recent Trends in Signal Processing and Its Applications” conducted by NITW 22nd June to 1st July, 2017
12. Participated in one week training program on “Instructional design and delivery system” during 11<sup>th</sup> to 16<sup>th</sup> December 2017, at VNRVJJET.
13. Registered for NPTEL Online Courses and Certification on “Introduction to Internet of Things” with 12 weeks duration from 30<sup>th</sup> July, 2018 and appeared for the online exam on 28<sup>th</sup> Oct 2018 and received the Elite certificate.
14. Participated in 12 weeks NPTEL-AICTE Faculty development Programme on “Introduction to Internet of Things” Funded by the Ministry of HRD, Govt of India from 30<sup>th</sup> July, 2018 to 20<sup>th</sup> October, 2018.
15. Participated in Two days training program on “IOT and Drones” during 26<sup>th</sup> and 27<sup>th</sup> January 2019, AI Group of VNRVJJET, Hyderabad in Association with leading India of Bennett University and IEEE Student branch of VNRVJJET.
16. Participated in 1 weeks FDP on “Recent Communication Tools and Its Application” organized by St. Martin’s Engineering College, from 19<sup>th</sup> May to 23<sup>rd</sup> May, 2020.
17. Participated in 1 weeks FDP on “AI and Deep Learning” organized by Benneett university, from 4<sup>th</sup> May to 8<sup>th</sup> May, 2020.
18. Participated in 1 weeks FDP on “Internet of Things” organized by AICTE under the scheme of ATAL Academy Programme Organized by Indian Institute of Information Technology, Nagpur, from 30<sup>th</sup> April to 4<sup>th</sup> May, 2020.
19. Participated in 1 weeks FDP on “LaTeX & Technical Report Writing” organized by Dept. of Mathematics, Kakatiya University, in collaboration with Spoken tutorial IIT Bombay, from 25<sup>th</sup> May to 30<sup>th</sup> May, 2020.
20. Participated in 2 weeks FDP on “Advance Data Structures” organized by VNRVJJET, Department of CSE in collaboration with Computer Society of India(CSI VNR SC), from 1<sup>st</sup> June to 11<sup>th</sup> June, 2020.
21. Participated in 1 weeks FDP on “Evolution of 5G” organized by KGiSL Institute of Technology, Coimbatore, from 29<sup>th</sup> June to 4<sup>th</sup> July, 2020.
22. Participated in 1 weeks FDP on “Effective online Teaching using ICT tools” organized by VNRVJJET, Department of CSE in collaboration with Computer Society of India(CSI VNR SC), from 29<sup>th</sup> June to 4<sup>th</sup> July, 2020.
23. Register for COURSEERA Online Course from University of Michigan and Certification on “Python 3 Programming-Basics.” from 15<sup>th</sup> June to 3<sup>rd</sup> July, 2020.
24. Participated in 2 weeks FDP on “Wireless Communication Technologies for IoT” organized by Electronics and ICT Academies, under the “Scheme of financial assistance for setting up of Electronics and ICT Academies” of the Ministry of Electronics and Information Technology (MeitY), Government of India. from 27<sup>th</sup> July to 7<sup>th</sup> Aug, 2020.

25. Register and successfully completed and received a Certificate for edX Online Course from University of WASEDA on “IoT111x: IoT System Design: Software and Hardware Integration” on 14<sup>th</sup> July 2020.
26. Participated in 1 weeks FDP on “Mathematics for Data Science” organized by VNRVJIET, Department of CSE in collaboration with Computer Society of India and IEEE CS chapters from 26<sup>th</sup> to 31<sup>st</sup> October ,2020.
27. Participated in 1 weeks FDP on “Basics of Python Programming” organized by VNRVJIET, Department of ECE in collaboration with IEEE SP chapters from 19<sup>th</sup> to 13<sup>st</sup> November ,2020.

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

- 5.1. Invited Lectures: Nil
- 5.2. Articles/Chapters published in Books: Nil
- 5.3. Books published as single author or as editor: Nil
- 5.4. Projects Guided: UG :2, PG:1
- 5.5. Research Interests: Embedded System, IOT and Wireless Communication.
- 5.6. Ph.D students: Nil
- 5.7 Papers published in National / International Journals: Nil

S.No	Title of the Paper	Journal Name VolNo. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Voice acknowledgment based remote home computerization framework.	International Journal of Research, ISSN NO:2236-6124	Volume VIII, Issue III, March/2019	5.7	International
2	Development of Text to Speech Conversion System for Low Vision and Blind People	International Journal of Reference ISSN: 2278-3075	Volume-9 Issue-6, April 2020		International
3	Implementation of 16bit Fully Parallel Polar Encoder and Decoder using Partially Parallel Register Less Technique	IJAREEIE, ISSN:2278-3075	Volume 9, Issue 9, July 2020.		International
4	IoT Evaluating Indoor Environmental Quality Check of Air and Noise	Materials Today: Proceedings, ISSN NO:2214-7813, Elsevier publications.	16 APR 2021.	SNIP .657	International

**5.8. Papers presented at National / International Conferences:**

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
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1	An Interactive System for Paralysed Patients Based on Eye Blink	CCSN :Computing, Communication and Sensor Networks	International	24-25 December 2015
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5.9. Sponsored research Projects:

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

- 6. Awards / Honors received:** Received ELITE Certificate for 12 week online course “Introduction to Internet of Things” during June to October 2018 conducted by NPTEL  
 Received the ELITE certificate for Python 3 Programming-Basics conducted from 15<sup>th</sup> June to 3<sup>rd</sup> July, 2020 conducted by NPTEL.

**7. Motto:** There is no substitute for hard work.