



Name : Vandana Samanthula

Designation: Assistant professor

Department: Electronics and Instrumentation Engineering

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Experience (in years): Teaching: 8 Research: Others :

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	[PhD]---2015 Registered		Wireless Communications
2	M.Tech	2011	Embedded Systems
3	B.E	2004	Electronics and Instrumentation

2. Teaching and Learning:

2.1 Teaching Interests:

Digital Electronics, Industrial Instrumentation, Control Systems, Linear Integrated Circuit Applications, Electronic Measurements, PC Based Instrumentation, Robotics and Automation.

2.2 Novel Teaching & Learning Techniques adopted: Activity Based Learning , POGIL, WIT and WIL , Power point presentation .

2.3 Involvement in curriculum updating / Design:

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Listening Music , Playing Badminton.

3.2. CCA/ECA Organized:

3.3. CCA/ECA participated:

3.4. Counseling and Mentoring Activity:

3.5. Committees involved in:

Department level: Department Teqip-II Coordinator, Open House Coordinator, Certification Course Coordinator

Institute Level:

4. Conference / Workshop / Seminar / Guest Lectures:

4.1 Conducted:

- A Two day workshop on Applications of Computer networks & Security during Nov 2015 at VNRVJIET, Hyderabad.
- A Five day training program on NETWORKING during 12th to 16th April 2016 at VNRVJIET , Hyderabad .
- A Four day training program on CiSco Certified Network Associate during 30th Jan- 2nd Feb 2017 at VNRVJIET, Hyderabad.

4.2 Attended:

- Three day workshop on Process Control Instrumentation during Sep 2007 at VNRVJIET, Hyderabad
- Three day workshop on Virtual Instrumentation during Nov 2008 at VNRVJIET, Hyderabad
- FDP programme on Entrepreneurship during June 2012 at VNRVJIET, Hyderabad.
- Two day workshop on Biomedical Signal Processing Using LABVIEW during Aug 2012 Using LABVIEW
- Three day workshop on Art of Teaching during May 2013 at VNRVJIET, Hyderabad
- Five day training programme on Lab-VIEW Core-I and Core-II at NI Academy , Bengaluru.

- Five Day Training program on MEMS during Dec2016 at VNRVJIET, Hyderabad.
- Three Day workshop on "Design and Nano Application of Nano materials for sensors"during 10-12 October, 2016 at VNRVJIET, Hyderabad .

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures:

5.2. Articles / Chapters published in Books:

5.3. Books published as single author or as editor:

5.4. Projects Guided:

a) UG:7

b) PG:2

5.5. Research Interests: Wireless Communications

5.6. Ph.D students:

a) Enrolled:

b) Submitted:

c) Awarded:

5.7. Papers published in reviewed Journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	Development of Coalmine safety system using wireless Sensor network.	IJCSE Vol 3, Issue 5, May 2011	ISSN: 0975- 3397,	1.2	International

5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Synthesis and Image Matching On Structural Patterns Using Affine Transformation.	International Journal of Computer Science &Communication Networks	International	June 2012
2	3-D Image Reconstruction from 2-D Image Using Lab VIEW	International Journal of Engineering and Advanced Technology	International	April 2013
3	Collaborative Tsunami Detection System with Data Assimilation Using Lab-VIEW.	International Journal of Scientific &Engineering Research	International	July-2013
4	Embedded Swindle Recognition System	International Journal of Computer Applications	International	March 2017

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. Awards / Honors received:

7. Motto: Work is Worship