

**Name: Anita Kulkarni**  
**Designation: Associate Professor**

**Department: EIE**

**Mail.I.D: anitha\_kulkarni@vnrvjiet.in**



**Experience (in years): Teaching: 15 years 6 months      Research: 3years**

**1. Educational / Technical qualifications:**

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	PhD	Pursuing	DSP
2	M.TECH	2010	INSTRUMENTATION & CONTROL
3	B.E	1998	INSTRUMENTATION TECHNOLOGY

**2. Teaching and Learning:**

1.1. Teaching Interests: Electronics, Transducer Technology, Microprocessors, Biomedical

1.2. Novel Teaching & Learning Techniques adopted: POGIL, TED Videos, PPTs.

1.3. Involvement in curriculum updating / Design: Member of BOS

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

3.1. Interests and Hobbies: Reading, Drawing & Painting, Singing.

3.2. CCA/ECA Organized: Coordinated CLAD exam for IV B.Tech EIE students April 2017

3.3. CCA/ECA participated:

- Accompanied II B.Tech students to industrial tour, Photonics Pvt Ltd, Hyderabad, March 2017

- Accompanied II B.Tech students to industrial tour, Photonics Pvt Ltd, Hyderabad, 2016

-World yoga day celebrations at VNRVJIET

-Judge in Paper Presentations in Convergence, Different committees in Convergence

3.4. Counseling and Mentoring Activity: Mentoring I, II, III, IV B Tech students.

3.5. Committees involved in:

Department level: M.Tech Project Coordinator, Coordinator for the certificate courses, Anti Ragging Committee, BOS, EDC & PDC Lab in charge, NBA

Institute Level: Library Committee, Department BOS Member, Convergence

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

- Conducted CLAD Training Certificate Course during Dec 12<sup>th</sup> to 17<sup>th</sup> 2017
- Conducted:
  - Conducted ‘CLAD Training certificate course’ in Dec-2017 and organized CLAD Exam in our institute
  - Conducted a Three Day Workshop on Biomedical Signal Processing in 2013
  - Conducted One week Certificate Course on LABVIEW 2015
- Attended:
  - Attended 10 day Workshop on Recent trends in Digital Signal Processing and its applications organized by NIT Warangal & VNRVJIET-2017
  - Attended 2-day Weekend workshop on “Machine Learning” organized by IIT Kharagpur 2017
  - Attended Three Day Workshop at NIT trichy, Tamil Nadu, on “English for Writing PhD Thesis and Journal Paper”, during 20-22 Jan 2016.
  - Attended Workshop on MATLAB lab conducted by ECE dept & EEE dept, VNRVJIET.
  - Various Workshops on Virtual Instrumentation, LABVIEW, PLC & SCADA, Research Methodologies & so on.
  - Attended FDP & POGIL.
  - Attended workshop on “Art of Living”.

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

5.1. Invited Lectures: Nil

5.2. Articles / Chapters published in Books:

5.3. Books published as single author or as editor: Edited the book on Electronic Measurements (Pearson)

5.4. Projects Guided:

a) UG: 30+

b) PG: 08

5.5. Research Interests: Signal processing

5.6. Ph.D students: NA

5.7. Papers published in reviewed Journals:

<b>S.No</b>	<b>Title of the Paper</b>	<b>Journal Name Vol.No. PP</b>	<b>ISBN/ISSN No.</b>	<b>Impact Factor/ Citation Index</b>	<b>National/ International</b>
1	MULTIPLE OBJECT TRACKING USING KALMAN FILTER	IJEET: INTERNATIONAL JOURNAL OF ELECTRICAL ELECTRONICS AND COMMUNICATION	ISSN 2048-1069		International
1	Development and Comparison of Image Fusion Tehniques for CT and MRI Images	Vol 6, Issue 7, pp 59-60 Jul-16	2248-9622		International
2	Automated system for Air pollution detection and Control in vehicles	IJAREEIE	2320-3765	-	INTERNATIONAL
3	Acquiring ECG signals and analysis for different heart ailments	IJRET	2319-1163	-	INTERNATIONAL

5.8. Papers presented at National / International Journals:

<b>S.No</b>	<b>Title of the Paper</b>	<b>Names of the Conference/ Seminars</b>	<b>National/ International</b>	<b>Period</b>
1	Android based Water Quality Monitoring system	National Conference on VLSI, Signal Processing & Embedded System NC-VelaSiem-2k12	National	2 days
2	REMOTE SYSTEM FOR TEMPERATURE, BLOOD PRESSURE AND HEART RATE MEASUREMENT & MONITORING USING GSM NETWORK	nsisku2012,	National	2 days

		SK University, Anantpur		
--	--	----------------------------	--	--

5.9. Sponsored research Projects: Nil

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects: Nil

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed

6. Awards / Honors received: Nil

7. Motto: Work is Worship