

**VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING &
TECHNOLOGY**

KNOWLEDGE ASSET 2018 - 2019

Name : C. V. RAMBABU
Designation : Senior Assistant Professor
Department : Electronics & Instrumentation Engineering



Mail.I.D : rambabu_cv@vnrvjiet.in

Experience (in years): Teaching: 17

Research: 1

Others (If any, Specify): Industry – 8 Months

1. Educational / Technical qualifications :

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	M. Tech	2012	Embedded Systems
2	B. Tech	2000	Instrumentation Engineering

2. Teaching and Learning :

2.1 Teaching Interests :

- Signal Processing
- Control Systems
- Analog Electronics
- Digital Electronics
- Embedded Systems
- Robotics

2.2 Novel Teaching & Learning Techniques adopted :

- POGIL
- WIT & WIL
- Learning by Doing

2.3 Involvement in curriculum updating / Design :

- Designed the curriculum for the subject of SIGNALS and SYSTEMS, Digital Signal Processing.

- Involved in design of Lab Manuals and Lab Protocols

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies:

- Innovation in Signal Processing and Robotics
- To support the economy for sustainable growth, reasonable standards of living, and restraining recession, deflation and inflation
- To promote work efficiency and good attitude towards work in organizations
- Playing Cricket, Chess, Football
- Reading Books, Solving Puzzles
- Dance

3.2. CCA/ECA Organized :

- One of the Faculty Coordinators of Security Wing in Conducting Scintillations 2008, 2009, 2010, 2011, 2012, 2014, 2015, 2016, 2017 and 2018.

3.3. CCA/ECA participated :

- Participated in Shadow Engineering and Mirror Engineering Programs

3.4. Counseling and Mentoring Activity :

- Mentor for eight students of each from I, II, III and IV years

3.5. Committees involved in :

Department level :

- Time Tables in charge
- Class Review Committee
- In charge for NI Academy

Institute Level :

- NBA Coordinator
- Member of Anti Ragging Committee
- Member of Anti-Drug Committee
- Member of Campus Automation Management Systems Committee (CAMS)
- Member of Alumni Coordination Committee
- In charge for ROBOTICS – Centre of Excellence
- Member of Canteen Committee.
- Member of Library Committee.

4. Conference / Workshop / Seminar / Guest Lectures:

4.1 Conducted : nil

4.2 Attended : 20

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:

a) UG: 34

b) PG: 4

5.5. Research Interests :

- Signal and Image Processing
- Control Systems
- Embedded Systems
- Virtual Instrumentation
- Robotics and Automation

5.6. Ph.D students:

a) Enrolled: nil

b) Submitted: nil

c) Awarded: nil

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	Secure Data Transmission using Image Steganography – A LabVIEW Approach	International Journal of Advance Research in Science and Engineering Vol : 2 Issue : 10	ISSN 2319-8354		International
2	Liveness Detection and Image Quality Assessment for Fake Biometric Detection	International Journal of Ethics in Engineering and	ISSN 2348-4748		International

		Management Education Vol : 1 Issue : 9			
3	Signal Estimation from Noisy Environment using Adaptive Signal Processing – A LabVIEW Approach	Journal of Engineering, Science and Technology Management (JEST – M) NACC 2012 Vol : 1 Issue : 2	ISSN 2277-5161		National

5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Speech Quality Evaluation and Secure Data Transmission using Audio Steganography – A LabVIEW Approach	NSI - 38	National	October 2013
2	LabVIEW based Steam and Condensate Control in Paper Manufacturing Process	NSI - 38	National	October 2013
3	Design and Implementation of Exo Skeleton BOT (Poster Presentation)	OPEN HOUSE (VNRVJIET)	National	March 2015
4	Liveness Detection and Image Quality Assessment for Fake Biometric Detection (Poster Presentation)	OPEN HOUSE (VNRVJIET)	National	March 2015

5	Patient Assistance and Lift Monitoring	OPEN HOUSE (VNRVJIET)	National	March 2016
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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:

One of my Papers got selected as the FIRST BEST PAPER in the National Conference and Published in Online Journal

7. Motto:

The Poor Teacher Tells,
The Average Teacher Explains,
The Good Teacher Demonstrates,
The Great Teacher Inspires.
Arise; Awake Stop Not Till Goal is reached.