Name: CH. VENKANNA

Designation: Assistant Professor

Department: Electronics & Instrumentation Engineering

Mail.I.D: venkanna_ch@vnrvjiet.in

Experience (in years): 9   Teaching:9   Research: Nil   Others (If any, Specify):Nil

1.   **Educational / Technical qualifications:**

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D.	Pursuing	Biomedical Signal Processing
2	M.Tech	2012	Electronic Instrumentation
3	B.Tech	2009	Electronics & communication Engineering

2. **Teaching and Learning:**

Teaching Interests:

Biomedical Instrumentation, Electronic Measurements and Instrumentation, Signals and systems

Novel Teaching & Learning Techniques adopted:

Videos, PPT, Group Discussion

Involvement in curriculum updating / Design: Nil

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

Interests and Hobbies: Reading books, listening Music, Playing cricket

CCA/ECA Organized: Nil

CCA/ECA participated: Nil

Counseling and Mentoring Activity: Nil

Committees   involved   in:

Department   level: Nil

Institute Level: Nil

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

4.1 Conducted : Nil

4.2 Attended:

- A five day continuing education program on "EMBEDDED SYSTEM DESIGN USING ARM & MICRO BLAZE PLATFORMS", from 25th March to 29th March 2013 at NIT Warangal

- International workshop on "INTERNATIONAL WORKSHOP ON EMBEDDED SYSTEMS", from 5th January 2015 to 7th January 2015 at MVGR College of engineering, Vizianagaram

- STTP on "Biomedical Diagnostics , Therapeutics and Rehabilitation", from 16th November 2015 to 20th November 2015 at IIT Madras

- Three day workshop on "Fractional Order Modeling in Engineering" , 26th October 2016 to 28th October 2016 at GVP college of Engineering, Visakhapatnam

- One day workshop on "Quality Measures in Technical Education" , on 18th October 2017 at GVP college of Engineering, Visakhapatnam

- Seminar on "Smart city & IOT " , on 27th October 2017, at Gateway Hotel, Visakhapatnam

- "Recent trends in Communication Engineering- Lab VIEW ", from 4th February to 9th February 2019 at UCEK, JNTUK

- Attended 8 week FDP on " Introduction to Machine learning " from July to September 2019 conducted by NPTEL-AICTE

- Five day FDP on " Python 3.4.3 " from 24 June 2020 to 29 June 2020 at Kaypees College

- Five day FDP "Sensors and their Applications", from 13 August 2020 to 17 August 2020 at Vemana Institute of Technology , Bengaluru

- Five day Online FDP on " Computer science & Biology " at KIIT from 1 October 2020 to 5 October 2020

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

Invited Lectures:Nil

Articles / Chapters published in Books: Nil

Books published as single author or as editor: Nil

Projects Guided:

a) UG: 18

b) PG: 2

Research Interests: Biomedical Signal processing

Ph.D students: Nil

a) Enrolled:

b) Submitted:

c) Awarded:

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	Bispectral Analysis of ECG for identification of Atrial Fibrillation	Journal of Emerging Technologies and Innovative Research, vol. 5, no. 7, pp. 596–600, Jul. 2018	2349-5162	UGC	International
2	Feature Vector Selection for Automatic Classification of ECG Arrhythmias	IJAREEIE Vol. 3, Issue 11, November 2014	2278-8875	UGC	International

Papers presented at National / International conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Identification of Cardiac Ischemia using Bispectral Analysis	IEEE EMBS International Conference on Biomedical Engineering, ICCBES	International	December, 2012

Sponsored research Projects: Nil

5.10 Consultancy Projects: Nil

6. Awards / Honors received:

- UGC-NET (JRF and Assistant Professor) Qualified in June-2021

- Qualified in GATE exam in 2010, 2012 and 2018

7.Motto: "Whatever is destined not to happen will not happen, try as you may. Whatever is destined to happen will happen, do what you may to prevent it. This is certain. The best course, therefore, is to remain silent."