

Name : S Nagarjuna Chary

Designation : Asst. Professor

Department : EIE

Mail. I.D : [nagarjunachary\\_s@vnrvjiet.in](mailto:nagarjunachary_s@vnrvjiet.in)



Experience (in years) : Teaching: 12 Years    Research: 3 years    others: Nil

**1. Educational / Technical qualifications:**

S. No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1.	Pursuing PhD	-	Biomedical Engineering
2.	Master of Engineering (M.E.)	2011	Process Control & Instrumentation (PCI)
3.	Bachelor of Technology (B. Tech)	2008	EIE
4.	Intermediate (+2)	2003	MPC
5.	High School Education	2001	-

**2 Teaching and Learning:**

2.1 Teaching Interests: Process Control & Instrumentation, Industrial Instrumentation, Industrial Automation (PLC, DCS and SCADA).

2.2 Novel Teaching & Learning Techniques adopted: WIT & WIL, MOOCS and AV Presentation.

2.3 Involvement in curriculum updating / Design: VNR Lab Protocols and AV Presentation

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

**3.1: Professional Society Memberships:**

3.2 Interests and Hobbies: Playing TT & Caroms.

3.3 CCA/ECA Organized: No

3.4 CCA/ECA participated: No

3.5 Counseling and Mentoring Activity: Involved in mentoring UG students for the last four semesters.

3.6 Committees involved in: Sintillashunz disciplinary committee member.

Department level: IPCS Lab In-charge, Mentoring and

Institute Level: VNR Faculty Association Member.

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

4.1 Conducted: Nil

4.2 Attended: 5

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

5.1 Invited Lectures: Papers Presented in International Conferences: 01

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: 10    b) PG: 02

5.5 Research Interests: Process Control, Industrial Automation (PLC, DCS and SCADA)

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	Direct torque control using neural network approach	2	682-686	1.5	IJRET
2	Analysis of Human Cardiovascular System using Equivalent Electronic System	Vol. 5, Issue 2, February 2017	ISSN (Online) 2321 – 2004 ISSN (Print) 2321 – 5526	1.5	IJIREEICE
3	Analysis of double walled carbon nanotube structured badminton racket	AIP conference Proceedings	2327 (1), 020047	1	AIP
4	Intelligent Retrieval Algorithm using Electronic Health Records for Healthcare Systems	Book chapter IEEE Explorer	Electronic ISBN: 9788770228107 Print ISBN: 9788770228114		IEEE Explorer

5.8 Papers presented at National / International Journals:

S. No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	ECG Classification using Neural Network	Int. Conf on Bio Informatics	International	2011
2	ECG Signal Processing using LabVIEW	ICBSII - 2013	International	2013
3	Comparative Analysis between various controllers for real time temperature process using Siemens S7-1200 PLC	ICIC	International	2019

5.9. Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
1	Design and Development of IoT-based RO water purifier with auto TDS control	Seed Amount	6 months	50,000	Completed

**6.Motto:**

Service to humanity is service to divinity.