



Name : **SRINIVASA RAO PATRI**  
 Designation : Assistant Professor  
 Department : ECE  
 Mail.I.D : srinivasarao\_p@vnrvjiet.in  
 Experience (in years): 15 years Teaching: 15 years Research:5 years  
 Others (If any, Specify):

**1. Educational / Technical qualifications:**

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	B.E	2006	ECE
2	M.Tech	2011	Communication Systems
3	Ph.D	Pursuing	Wireless Communications

**2. Teaching and Learning:**

- Teaching Interests: Analog and Digital Communications, Signals and Systems
- Novel Teaching & Learning Techniques adopted:
- Involvement in curriculum updating / Design:

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

- Interests and Hobbies: play cricket
- CCA/ECA Organized:
- CCA/ECA participated:
- Counseling and Mentoring Activity: Yes
- Committees involved in:  
 Department level: II year Class Coordinator  
 Institute Level: NPTEL Department Coordinator

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

- Conducted:
- Attended:17

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

- Invited Lectures:
- Articles/Chapters published in Books:
- Books published as single author or as editor:
- Projects Guided:
  - UG: 11
  - PG:1
- Research Interests: Wireless Communications
- Ph.D students:
  - Enrolled:
  - Submitted:
  - 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	Bandwidth extension of speech using data hiding technique	JETIR, volume 3.	ISSN-2349-5162	4.14	International

2	QOS improvement in mesh networks using adaptive channel assignment ,scheduling and routing protocols	IJAIR, volume 3.	ISSN-2278-7844	0.349	International
3	Design and implementation of blowfish crypto system for high speed applications	IJACEE	ISSN-2248-9584	4.756	International
4	Energy Efficient Data Transmission for Narrow BandIOT Devices using Double Auction	GIJET	ISSN-2395-5295	1.1	International

5.8. Papers presented at National / International conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Energy Efficient Data Transmission for Narrow BandIOT Devices using Double Auction	Proc. of Int. Conf. on Advances in Communication, Network, and Computing, CNC	International	December 2019
2	Energy-Efficient Data Transmission in a Three-Hop Cooperative Cellular NB-IoT Network Using Double Auction	International conference on Advances in Computer Engineering and Communication Systems	Internal	February 2021

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: To do Research in the field of Wireless Communication