Name: **P. Suresh Babu**

Designation: Assistant Professor
Department: Electronics and Communication Engineering
Mail ID: sureshbabu_p@vnrvjiet.in
Experience (in years): 21.5   Teaching: 19.5   Research: Others (if any, specify):2

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph. D.	Pursuing	Antennas
2	M. Tech.	2006	VLSI Systems
3	B. Tech.	2001	ECE
4	D.E.C.E.	1996	ECE
5	S.S.C.	1993	

2. Teaching and Learning:

2.1.TeachingInterests:EDC,STLD,PDC,DDVU,ECA,CS,ICA,VLSID,EMTL,CO,NT,AWP,DSD,CPLD&FPGAs,ACA,APDA,DLD,CT,PEE…etc

2.2. Novel Teaching & Learning Techniques adopted:
   Optical Head Projector, Power Point Presentations, POGIL,WIT and WIL

2.3. Involvement in curriculum updating / Design: R18 and R19 UG Syllabus

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Reading books and Writing articles and stories

3.2. CCA/ECA Organized:

3.3. CCA/ECA participated: Participated in Blood Donation Activities

3.4. Counseling and Mentoring Activity: Counseling helped many students to get good
   GATE ranks and jobs in Hardware Companies

3.5. Committees involved in:
   Department level: Disciplinary, Anti ragging, Website, Seminars, class
      Coordinator, Exam Invigilations,News letter.
   Institute Level: Disciplinary, knowledge Asset, Installation of Pedestal hand
      Sanitization, Auditor for 3P Grid D Block.

4. Conference / Workshop / Seminar / Guest Lectures:

4.1. Conducted:

1. Organized for One Day National Level Workshop on "VLSI System Design" at SACET, Chirala in January 2009 as a co convener
2. Organized as Co Convener for One Day National Level Technical Paper Presentation Contest "YBRAINS 2011" at MIST, Sathupally in December 2011
3. Organized Workshop as Remote Center Coordinator for "Introductionto Research Methodologies"conducted by IIT Bombay in June 2012
4. Organized Workshop as Remote Center Coordinator for "Orientation Workshop For Aakash Coordinators"conducted by IIT Bombay in October 2012
5. Organized Workshop as Remote Center Coordinator for "Aakash For Education"conducted by IIT Bombay in November 2012
6. Organized Workshop as Remote Center Coordinator for "Engineering Thermodynamics"conducted by IIT Bombay in December 2012
7. Organized Workshop as Remote Center Coordinator for "Research Methods in Educational Technology"conducted by IIT Bombay in January 2013
8. Organized Workshop as Remote Center Coordinator for "Aakash Android Application Programming for Students"conducted by IIT Bombay in February 2013

9. Organized Workshop as Remote Center Coordinator for "Database Management Systems"conducted by IIT Bombay in May 2013
10. Organized Workshop as Remote Center Coordinator and and Workshop Coordinator for "Analog Electronics"conducted by IIT Kharagpur in June 2013
11. Organized Workshop as Remote Center Coordinator for "Engineering Mechanics"conducted by IIT Bombay in November 2013
12. Organized Workshop as Remote Center Coordinator and Workshop Coordinator for "Signals and Systems"conducted by IIT Kharagpur in January 2014
13. Organized Workshop as Remote Center Coordinator and Workshop Coordinator for "Fluid Mechanics"conducted by IIT Kharagpur in May 2014
14. Organized Workshop as Remote Center Coordinator for "Computer Programming"conducted by IIT Bombay in June 2014
15. Organized Workshop as Remote Center Coordinator for "Computer Networking"conducted by IIT Bombay in July 2014
16. Organized Workshop as Remote Center Coordinator for "Cyber Security"conducted by IIT Bombay in July 2014
17. Organized Workshop as Remote Center Coordinator and Workshop Coordinator for "Control Systems" conducted by IIT Kharagpur in December 2014
18. Acted as Convener for One Day National Level Technical Paper presentation contest "YBRAINS 2015" at MIST, Sathupally in February 2015
19. Organized Workshop as Remote Center Coordinator for "Introduction to Design of Algorithms"conducted by IIT Kharagpur in May 2015
20. Conducted 4 Guest Lectures in Two Engineering Colleges and many Seminars in various Engineering Colleges I worked.
21. Acted as Lab Incharge for one week work shop "Natural Language Processing" held at VNRVJIET, Hyderabad in collaboration with "E& ICT Acdemy NIT Patna" from 6th – 10th January 2020.

4.2. Attended:
1. "VLSI System Design" in CVSR College of Engineering, Hyderabad in May 2008
2. MHRD Sponsored Advanced Technology Program on "VLSI System Design" conducted by Dept. of ECE, NITW in June 2008
3. "DSP and Applications" in QISCET, Ongole in July 2008
4. VLSI System Design in SACET, Chirala in January 2009
5. One Week In house Short Term Program on "Research Methodology" for faculty members in SACET , Chirala in January 2009
6. SDP on "Instructional Design & Delivery System" conducted by SACET, Chirala in February 2009
7. SDP on "Teaching Techniques, Methods& Technical Education upgrading to keep pace with the changing scenario" in Prakasam Engineering College, Kandukur in June 2011
8. "MISSION 10X" workshop conducted at MIST, Sathupally in December 2011
9. CEP workshop for coordinators on "Introduction to Research Methodologies" conducted by IIT Bombay in June 2012
10. Participated in Coordinators workshop on "Analog Electronics" conducted by IIT Kharagpur in April 2013
11. Participated in one week Coordinators workshop on "Signals and Systems" conducted by IIT Kharagpur in October 2013
12. Participated in "International Journal of Scientific Engineering & Technology Research" presented a paper "MEMS Accelerometer based Non-Specific User Hand Gesture Recognition"organized by SEMAR groups in November 2013

13. Participated in one week Coordinators workshop on "Control Systems" conducted by IIT Kharagpur in September 2014

14. Participated in Half DayCoordinators workshop on "Pedagogy for effective use of ICT in Engineering Education" in November 2014

15. Attended "Awareness Workshop on Outcome based Education and Accreditation" at JNTUH, Kukatpally, Hyderabad in September 2015

16. Participated in one week workshop on "CMOS Mixed signal and RF VLSI Design" conducted by IIT Kharagpur at VNRVJIET in January 2017.

17. Participated in one week workshop on "Integrated Circuit and System Design using CAD Tools" conducted by Nano Chip Solutions and Dept. of ECE, VNRVJIET at VNRVJIET, Hyderabad from 12th June to 17th June 2017.

18. Attended one week FDP on "RF Antenna Design" conducted by E&ICT- NIT Warangal and Dept. of ECE, MGIT at MGIT, Hyderabad from 19th June to 24th June 2017.

19. Attended "RF/Microwave Design and Simulation workshop" at Hyderabad on 5th September, 2017 conducted by AWR Group, National Instruments.

20. Attended one week FDP on "Design and Analysis of RF Antennas using HFSS" conducted by Dept. of ECE, MGIT in association with IETE Vijayawada local chapterat LBRCE, Mylavaram in collaboration with ARK Info Solutions Pvt. Ltd., Hyderabad from 13thNovember to 18thNovember2017.

21. Participated in one week SDP on "Instructional Design & Delivery Systems" conducted by NITTTR Chennai and Centre for Education Technology (CET), VNRVJIET from11th December to 16th December 2017 at VNRVJIET.

22. Participated in one week FDP on "Adoption of FOSS for Effective Teaching and Learning in Engineering" held at CMR College of Enineering & Technology, Hyderabad in collaboration with "Swecha" from 18th – 23rd June 2018.

23. Attended 3 days online FDP on "Recent Effective Utilization of Digital Platforms for Teaching and Learning Process" conducted by VNRVJIET, Hyderabad from 15th May to 17th May 2019.

24. Participated in one week workshop on "Embedded systems & Interfacing Hands-On" held at VNRVJIET, Hyderabad in collaboration with "E& ICT Acdemy NIT Patna" from 10th – 14th June 2019.

25. Participated in one week workshop on "Short term course on Introduction to Programming: A pedagogical Approach" held at VNRVJIET, Hyderabad in collaboration with "E& ICT Acdemy IIT Kanpur" from 17th – 21st June 2019.

26. Participated in one week workshop on "VLSI Chip Design Hands on using open-source EDA" held at VNRVJIET, Hyderabad in collaboration with "E& ICT Acdemy IIT Guwahati" from 8th – 12th July 2019.

27. Attended 2 days FDP on "Digital Learning through Web and Cloud Applications" conducted by Dept. of CSE, GRIET, Hyderabad from 26th July to 27th July 2019.

28. Attended 3 days FDP on "Recent Advances in Antennas and Microwave Circuits with applications & Simulation studies" conducted by Dept. of ECE at Matrusri Engineering College, Hyderabad from 18th June to 20th November 2019.

29. Participated in one week workshop on "Python programming with Industry Perspective" held at VNRVJIET, Hyderabad in collaboration with "E& ICT Acdemy NIT Patna and Dept. of ECE&EIE in Association with IEEE&ISTE, VNRVJIET, Hyderabad" from 2nd – 6th December 2019.

30. Attended 3 days FDP on "Outcome based Teaching, Learning and Assesment Strategies" conducted by Dept. of H&S, VNRVJIET, Hyderabad

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: Guest lecture on VLSI Design at VRS&YRN Engineering College, Chirala

5.2. Articles/Chapterspublished inBooks:

5.3. Bookspublishedassingleauthororaseditor:

5.4. Projects Guided:

        a) UG: More than 23

        b) PG: More than 12

5.5. Research Interests: Antennas and VLSI

5.6. Ph.D.Students:

        a) Enrolled:

        b) Submitted:

        c) Awarded:

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	Development of Coal Mine Safety System using Wireless Sensor Networks	International Journal of Engineering Science and Advanced Technology	Issue 3, Vol.3, 2013,67-71 2250-3676		International
2	MEMS Accelerometer based Non Specific User Hand Gesture Recognition	International Journal of Scientific Engineering and Technology Research	Issue 16, Vol.02, 2013,1838-1843,ISSN 2319-8885		International

5.8. Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period

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:

- Got ELITE for the 12 week (Jan – Apr 2018) NPTEL online certification course "BASIC ELECTRONICS" conducted by IIT BOMBAY.
- Got ELITE for the 8 week (Aug – Sep 2018) NPTEL online certification course "Analysis and Design Principles of Microwave Antennas" conducted by IIT KHARAGPUR
- Successfully completed the 12 week (Jul – Oct 2018) NPTEL online certification course "BASIC ELECTRICAL CIRCUITS" conducted by IIT MADRAS.
- Got ELITE SILVER for the 12 week (Jul – Oct 2019) NPTEL online certification course "BASIC ELECTRIC CIRCUITS" conducted by IIT KANPUR.

7. Motto: Life is Beautiful