



**G.VEERA SANKARA REDDY** M.Tech., (Ph. D.)

Assistant Professor of EEE (Adhoc),

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Jawaharlal Nehru Technological  
University Anantapur Pulivendula  
– 516390, Andhra Pradesh, India

Bio-data

**G.VEERA SANKARA REDDY**

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**Career Objective:**

- Accomplished educator with demonstrated ability to teach, motivate, and direct students while maintaining high interest and achievement.
- Consistently maintain excellent relations with students, parents, faculty, and administrators.
- Self-motivated with strong planning, organizational and leadership skills.

## **Educational Qualification:**

S. No.	Qualification	University/Institution	Specialization	Year of award
1.	<b>Ph. D (Pursuing)</b>	VELS University, Chennai.	Power systems	Pursuing
2.	<b>M.Tech</b>	aurora technological and research institute Uppal (hyd).	Power system control and automation	2013
3.	<b>B.Tech</b>	Vaagdevi institute of technology and science. Proddatur	JNTUA	2009
4	Intermediate	Vidyadharsini junior college, Pulivendula.	Board of Intermediate	2005
5	S.S.C.	ZPHS , Agadur. Thondur(M)	Board of Secondary Education	2003

## **Experience:**

Total 8+ years of teaching experience.

- I have been working as an **Assistant Professor** in **Electrical and Electronics Engineering** department at TADIPATRI ENGINEERING COLLEGE, TADIPATRI from January 20,2014 to **February 8, 2020**.
- I have been working as an **Assistant Professor (Adhoc)** in **Electrical and Electronics Engineering** department at **JNTUA College of Engineering, Pulivendula** from **February 10, 2020** to till date.

## **Industrial Experience: 1.5 years**

- I am working in ICSA (India) Ltd as Graduate engineer from June 2009 To June 2011.

## **Papers Published:**

- Published “**DESIGN OF PV-CELLS AND MPPT BY USING ANFIS CONTROLLER**” in IJCSE journal volume no.6, Issue 12, Dec2018.
- Published “**Implementation of Seven Level Grid Connected Inverter for PV System on Energy Saving**” in IJAREEIE, Volume 1, issue 2, January 2017.
- Published “**DC Component Minimization by Integral Method in Grid Connected Photovoltaic Inverter System**” in IJAREEIE, Volume 6, Issue 2, February 2017
- Published “**Fuzzy control strategy for harmonics compensation in stand – alone double fed induction generators with nonlinear loads**” SEMAR GROUPS,INDIA During july-december,2018
- G.VEERA SANKARA REDDY has Published a Paper entitled: Family of Ćuk-, Zeta-,and SEPIC-based Soft-Switching DC-DC Converters by using fuzzy controller” for publication in IJECEC VOLUME 4,ISSUE 4 and JAN 2020.
- G.VEERA SANKARA REDDY has Published a Paper entitled ‘ELECTRONIC WATCH DOG’ for publication in MUKT SHABD JOURNAL, VOLUME XI, ISSUE X, October-2022.
- G.VEERA SANKARA REDDY has Published a Paper entitled ‘WIRELESS POWER TRANSMISSION USING NEAR-FILED TECHNOLOGY’ for publication in INDUSTRIAL ENGINEERING JOURNAL:ISSN 0970-2555 Volume;52,Issue 4, April:2023 UGC Care approved, group I, Peer Reviewed Journal with IF=6.82
- G.VEERA SANKARA REDDY has Published a Paper entitled ‘UNIFORM POWER CONTROL AND MANAGEMENT IN HYBRID MICROGRIDS’ INDUSTRIAL ENGINEERING JOURNAL:ISSN 0970-2555 Volume;52,Issue 4, April:2023 UGC Care approved, group I, Peer Reviewed Journal with IF=6.82

## **Workshops/FDP/Webinar/NPTEL Mentorship :**

- 1.A One day FDP program on “INTELLECTUAL PROPERTY RIGHTS” conducted by St.MOTHER THERESA ENGINEERING COLLEGE, VAGAIKULAM,THOOTHUKUDI-628102 on 17-09-2022.
2. A One day FDP program on “Webinar on idea generation with technology readiness ” conducted by St.MOTHER THERESA ENGINEERING COLLEGE, VAGAIKULAM,THOOTHUKUDI-628102 on 04-05-2022.
3. A One day FDP program on “cyber security as a career for job aspirants” conducted by training and placement cell KUPPAM ENGINEERING COLLEGE,,KUPPAM on 07-02-2020.
4. A FIVE days workshop on “insights of control systems and signal processing theory to practice” conducted by Sasi institute of technology&engineeringon 2/7/2020 TO 06-07-2020

5. A One day FDP program on “Eathical hacking- information security and industrial carrer awareness” conducted by training and placement cell KUPPAM ENGINEERING COLLEGE,,KUPPAM on 16-07-2020.
6. A three days workshop on “Recent trends in technology and teaching learning methodology.” conducted by SAGE UNIVERSITY INDORE on 9th-july-2020 to 11th-july-2020.
7. A One day FDP program on “solar energy introduction and current trends in india” conducted by SVCET Cillege puducherry. On 13-02-2021.
8. A sevan days workshop on “recent trends in management.” conducted by GATES INSTITUTE OF TECHNOLOGY, GOOTY, ATP on 13-07-2020 TO 19-07-2020.
9. A six days workshop on “construction technology and project management.” conducted by B.I.T INSTITUTE OF TECHNOLOGY-HINDUPUR on 15-07-2020 TO 20-07-2020.
10. A One day FDP program on “application of machine learning in communications” conducted by MAHATMA GANDHI INSTITUTE OF TECHNOLOGY,GANDIPET,HYD. On 20-08-2020.
11. A One day FDP program on “applications of deep learning using matlab” conducted by MAHATMA GANDHI INSTITUTE OF TECHNOLOGY,GANDIPET,HYD. On 25-07-2020.
12. A six days workshop on “recent advancements in power electronics and power conversion for distributed generation.” conducted by BALAJI INSTITUTE OF TECHNOLOGY & SCIENCE,HYD on 20-08-2020 TO 25-08-2020.
13. A five days workshop on “simulation and modeling of data communications & networks..” conducted by MAHATMA GANDHI INSTITUTE OF TECHNOLOGY,GANDIPET,HYD on 27-07-2020 TO 31-07-2020.
14. A three days workshop on “research challenges in power electronics and power systems”. conducted by BALAJI INSTITUTE OF TECHNOLOGY & SCIENCE,HYD on 05-08-2020 TO 07-08-2020.
15. A One day FDP program on “national conference on advances in power energy & control-2020” conducted by RAJEEV GANDHI MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY,NANDYAL on 10-03-2020.
16. A two days FDP program on “Research methodology on social science special reference to history” conducted by SHRI S. R. KANTHI ARTS, COMMERCE& SCIENCE COLLEGE, MUDHOL on 14-7-2020 TO 15-07-2020.
17. A three days workshop on “recent developments in electrical and electronics engineering.” conducted by PVKK INSTITUTE OF TECHNOLOGY,ANANTAPURAM.on 19-06-2020 TO 21-06-2020
18. A one day workshop on solar energy introduction and current trends in india conducted by SVCET Cillege puducherry. On 13-02-2021
19. A three days workshop on ‘recent developments in electrical and electronics engineering’ conducted by PVKK INSTITUTE OF TECHNOLOGY,ANANTAPURAM. On 19-06-2021 TO 21-06-2021
20. A five days FDP program on ‘ETL- Data warehousing tools’ conducted by G.PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS), KURNOOL-518007 ,ANDHRA PRADESH,INDIA on 31/10/2022 to 4/11/2022.
- 21.A one day FDP program on ‘ENERGY EFFICIENCY AND ENERGY MANAGEMENT’ conducted by The institution of engineers(india), 8 Gokhale road, Kolkata-700020,west Bengal, india on 23/09/2022.

22. A one day FDP program on 'NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION' conducted by Government of India Ministry of Commerce and Industry Department for Promotion of Industry and Internal Trade Office of the Controller General of Patents, Designs and Trade Marks On 01/11/2022.
23. A five days FDP program on 'RECENT ADVANCES IN ELECTRICAL ENGINEERING' conducted by G.PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS), KURNOOL-518007, ANDHRA PRADESH, INDIA on 17/10/2022 TO 21/10/2022.
24. A seven days workshop on 'ECAD FOR BUILDINGS' conducted by JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR COLLEGE OF ENGINEERING PULIVENDULA (AUTONOMOUS) on 10/10/2022 TO 16/10/2022.
25. A One day FDP program on "BUSINESS MODEL CANVAS" conducted by St.MOTHER THERESA ENGINEERING COLLEGE, VAGAIKULAM, THOOTHUKUDI-628102 on 10-04-2023.
26. A five days Faculty Development Program on "**Python For Electrical and Electronics Engineering: A Faculty Development Program on Python Applications**" organized by the department of EEE, Rajeev Gandhi Memorial College of Engineering and Technology (Autonomous), Nandyal. From 27th to 31st March 2023.
27. A One day FDP program on "ROLE OF INTELLECTUAL PROPERTY RIGHTS IN ECONOMIC GROWTH" conducted by St.MOTHER THERESA ENGINEERING COLLEGE, VAGAIKULAM, THOOTHUKUDI-628102 on 30-03-2023.
28. A One week International level Workshop on ""Challenges in IT Sector: Software Mastery Bootcamp -Unlock Your Potential"" conducted by G.PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS), KURNOOL-518007, ANDHRA PRADESH, INDIA on 06-03-2023 to 11-03-2023.
29. A one week FDP on "ADVANCES IN RENEWABLE ENERGY AND ELECTRIC VEHICLES" conducted by Seshadri Rao Gudlavalleru Engineering College, Seshadri Rao Knowledge Village, Gudlavalleru-521356, AP. On 20-02-2023 to 24-02-2023.
30. A five days FDP on 'Trends & Challenges in the Development of Electric & Hybrid Electric Vehicles' conducted by Lendi Institute of Engineering & Technology, AP, India on 14-11-2022 to 18-11-2022.
31. A One month Workshop on '30 days IMAGE PROCESSING USING OPENCV MASTERCLASS' conducted by PANTECH E LEARNING PVT LTD, Chennai from 12-10-2022 to 11-11-2022.

## **B.Tech Projects handled**

S.No.	UG/PG	Student details (s)	Title of the Project	Completed/In process	Specify date if completed
1	UG	19191A0208 O.VENKATA SAI JYOTHI SWAROOP	OVERALL STUDY ON THERMAL POWER PLANTS	COMPLETED	8/6/2022 TO 7/7/2022
2	UG	19191A0258 M.GANGA PURUSOTHAM REDDY	OVERALL STUDY ON THERMAL POWER PLANTS	COMPLETED	8/6/2022 TO 7/7/2022

3	UG	19191A0256 C.SAI SWETHA	OVERALL STUDY ON THERMAL POWER PLANTS	COMPLETED	8/6/2022 TO 7/7/2022
4	UG	1)20191A0207-T.K.ABHINAYA 2)20191A0211-T.MAHITHA 3)20191A0230-S.SAI KUMAR	ELECTRONIC WATCH DOG	COMPLETED	OCTOBER-2022
5	UG	1.18191A0220-J.AJAY KUMAR 2.18191A0239-N.GOWRAV 3.19195A0202-C.T.KEERTHI 4.18191A0210-K.MAHESWARI	RFID, GSM AND RTC BASED SECURITY SYSTEM	Completed	26.05.2022
6	UG	1.19191A0210-Y.SANKAR NAHAIAH 2.19191A0228-L.RAKESH NAIDU 3.19191A0220-G.PRASANTHI 4.19191A0205-V.MANEESHA 5.20195A0205-G.ARAVIND	ARUDINO BASED AUTOMATIC WASTE SEPARATION MODEL	Completed	21-2-2022
7	UG	1.19191A0258 M.Ganga Purusotham Reddy, 2.19191A0256 C. Sai Swetha, 3. 19191A0208 O.V.S.Jyothi Swaroop	UNIFORM POWER CONTROL AND MANAGEMENT IN HYBRID MICROGRIDS	Completed	22-04-2023

## Academic Details.

### Subjects courses taken/labs

S.No.	Year & Sem	UG/PG	Subjectstaught
1.	I.II	UG	<b>BASIC ELECTRICAL ENGINEERING</b>
2	I.II	UG	<b>NETWORKS AND ELECTRICAL TECHNOLOGY LAB</b>
3	I.II	UG	BASIC ELECTRICAL ENGINEERING LAB
4	I.I	PG(PED)	ADVANCED ELECTRIC DRIVES
5	III.II	UG	<b>POWER SYSTEM ANALYSIS</b>
6	I.I	PG(PED)	ADVANCED POWER CONVERTERS LAB
7	I.I	UG	BSIC ELECTRICAL & ELECTRONICS ENGINEERING LAB
8	I.I	UG	ELECTRICAL CIRCUITS LAB
9	III.II	UG	POWER SYSTEM CONTROL AND OPERATION
10	I.II	PG(PED)	POWER ELECTRONIC CONTROL OF DC DRIVES

11	III.I	UG	AI Techniques in electrical engineering
12	I.II	PG	POWER SYSTEM STABILITY AND CONTROL
13	I.II	PG	DIGITAL SIGNAL PROCESSOR LAB
14	II.I	UG	ELECTRICAL CIRCUIT –II LAB

### **PERSONAL SUMMARY:**

Father Name : G.Chinna gangi reddy  
Date of Birth : 12-09-1988  
Gender : Male  
Marital Status : Married  
Nationality : Indian  
Languages Known : English, Telugu

**Declaration:**

I hereby declare that the information furnished here in is true to the best of my knowledge and belief.

Place: Pulivendula

(G.VEERA SANKARA REDDY)

Date :