

Curriculum Vitae

Dr. SAREDDY VENKATA RAMI REDDY

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Career Objective:

To be associated with an institute that provides an opportunity to grow along with the organization with an appropriate Research and Teaching environment.

Professional Abstract:

- Published research papers in SCI/SCIE, Scopus research papers, others in UGC journals and few papers are under review for publications.
- Worked at the administrative positions like Student's union Co-Ordinator in JNTUACEP for 3 years (2015-18) and Project Engineer (Electrical) in JNTUACEP from October 2018 till date, Class incharge, Incharge HoD, BoS Member.
- Worked for NAAC (2023) and acted as NSS Co-Ordinator in JNTUACEP.
- Actively involved in organizing Industrial visits to the students also counselling the students and providing additional classes to the weaker students during off time period.
- Expressing much interest in participating the Faculty Development Programmes (FDPs), workshops, seminars, webinars, and conferences organized by various organizations and Institutions for enhancing the knowledge skills.

- Name and full correspondence address:** SAREDDY VENKATA RAMI REDDY
Ippatla(Vil &P.O),Lingala (M),Y.S.R(D),
Andhra Pradesh, India -516391.
- Email(s) and contact number(s):** svrami@gmail.com,
venkataramireddy.eee@jntua.ac.in,
+91-9160172509; 9701068734
- Institution:** JNTUA College of Engineering(A),
Pulivendula, Andhra Pradesh- 516390.
- Date of Joining:** 01 June 2015
- CFMS ID/ Beneficiary ID:** 1006952975

6. **Date of Birth:** 10 June 1986
7. **Gender (M/F/T):** Male
8. **Adhar Details:** 6310 0413 7301
9. **PAN Card Details:** BRFPS6208F
10. **Marital Status:** Married
11. **Category Gen/SC/ST/OBC:** General
12. **Whether differently abled (Yes/No):** No
13. **Academic Qualification:**

Degree	Year	Subject	University/ Institution	Grade
Ph. D	2025	Power Systems (EEE)	VELS Institute of Science, Technology & Advanced Studies, Chennai, India	----
M. Tech	2015	Electrical Power Systems (EPS)	JNTUA/ Srinivasa Institute of Technology & Science, Kadapa	First class with Distinction (80.00%)
B. Tech	2007	Electrical and Electronics Engineering (EEE)	Sri Venkateshwara University / KSRM College of Engineering, Kadapa	First class with Distinction (75.11%)
INTERMEDIATE	2003	MPC	Board Of Intermediary Education, A.P/ Vidyadarshini junior college, Pulivendula.	First class with Distinction (76.00%)
SSC	2001	----	Board Of Secondary Education, A.P / Maharshi Vidhya mandir High school, Proddatur	First class with Distinction (85.00%)

14. Ph.D thesis title, Guide's Name, University, Year of award

Ph.D thesis title: Analysis of Islanding Detection Techniques and load shedding in hybrid Integrated systems.

Guide's Name: Dr. T.R Premila, Associate Professor (EEE)

Co- Guide's Name: Dr. Ch. Rami Reddy, Associate Professor (EEE)

University: VISTAS, Chennai, India.

Year of Award: 2025

15. Work experience (in Teaching) (8+ Years):

Sl. No	Position Held	Name of the Institute	From	To	Years
1	Assistant Professor	JNTUA College of Engineering, Autonomous, Pulivendula, Andhra Pradesh, India-516390	June 2015	Till date	10.0 Years
2	Assistant Professor	JNTUA College of Engineering, Autonomous, Pulivendula, Andhra Pradesh, India-516390	June 2012	January 2013	0.7 Years
3	Assistant Engineer	M/S RV Consulting services Pvt.Ltd, a flagship company of M/s SAGAR CEMENTS Group at Hyderabad,India	July 2010	June 2012	2.0 Years
4	Software Engineer	M/s Capgemini India Pvt Ltd, Hyderabad, India	April 2008	April 2009	1.0 years

16. Subjects Taught handled for both M. Tech & B. Tech

- DC Machines and labs
- AC Machines and labs
- Electrical circuits and labs
- Power generation
- Special Machines
- Power transmission
- Digital Electronics & logic design
- Switchgear and Protection
- Hybrid Electrical Vehicles
- Utilization of Electrical Energy
- Renewable Energy Sources
- Power system stability and control
- Power System Operation & Control
- Machine Modelling Analysis

17. Professional Recognition/ Award:

Sl. No	Name of the Award	Awarding Agency	Year
1	IEI Member (M-176691)	The Institute of Engineers (India)	2022

18. Publications (List of papers published Journals):

Sl. No	Author (s)	Title	Name of the Journal	Volume	Page/ Article no	Year
1	Sareddy Venkata Rami Reddy, T. R. Premila, Ch. Rami Reddy, Muhammad Majid Gulzar & Muhammad Khalid	A New Variational Mode Decomposition-Based Passive Islanding Detection Strategy for Hybrid Distributed Renewable Generations	Arabian Journal for Science and Engineering	48	15435–15443	2023
2	Sareddy Venkata Rami Reddy, T. R. Premila, Ch. Rami Reddy, Mohammed A. Alharbi and Basem Alamri	Passive Island Detection Method Based on Sequence Impedance Component and Load-Shedding Implementation	Energies	16	5880-5894	2023
3	Sareddy Venkata Rami Reddy, T. R. Premila, Ch. Rami Reddy and B. Nagi Reddy	Zero power mismatch islanding detection algorithm for hybrid distributed generating	Transactions on Energy Systems and Engineering	2	ISSN: 2745-0120	2023

		system	Applications			
4	S. Venkata Rami Reddy Megavath Vijay Kumar Thumu Srinivas Reddy Ch. Rami Reddy Mohammad Alsharef	IMPACT OF A THERMAL BARRIER COATING IN LOW HEAT REJECTION ENVIRONMENT AREA OF DIESEL ENGINE	Sustainability- MDPI IF: 3.889	14	ISSN: 2071-1050	2022
5	S. Venkata Rami Reddy S.Hussain Vali , Jaya Krishna , S.Radha Krishna , V.Rafi	OPTIMAL FUEL CONSUMPTION USING MULTILEVEL INVERTER BASED ANFIS RSC CONTROL STRATEGY ON WIND DRIVEN DFIG, DG AND SOLAR PV ARRAY	UGC care group-I (Mukt Shabd Journal)	12	ISSN: 2347- 3150	2023
6	S. Venkata Rami Reddy P.Bhavya Sree, B.Bharath Kumar,G.Rakshitha P.Rakesh G.V.Nagesh Kumar V.Rafi P.Yeshwanth	A STUDY ON RELIABILITY OF INSULATORS USING ARTIFICIAL INTELLIGENCE TECHNIQUES	UGC care group-I (Juni Khyat)	12	ISSN: 2278-4632	2022
7	S. Venkata Rami Reddy K. Guru Brahmam, P.N.V. Krishna, M.Sampath Kumar, M.Yeshwanth Sai, P.Vivek	A STUDY ON POWER GENERATION USING THERMO ELECTRIC GENERATOR	UGC care group-I (The International journal of analytical and experimental modal analysis)	14	ISSN: 0886- 9367	2022
8	S. Venkata Rami Reddy B.Sindhuja	SIMULTANEOUS CONTROL OF PMSG BASED WIND TURBINES FOR SYSTEM INERTIAL RESPONSE & POWER OSCILLATION DAMPING	UGC care group-I (International journal of Engineering Research in Electrical & Electronic Engineering)	03	ISSN (Online): 2395-2717	2017
9	S. Venkata Rami Reddy T.Maheswari, N.Visali	MODELLING & SIMULATION OF RESISTIVE SUPERCONDUCTING FAULT CURRENT LIMITER IN THREE PHASE TRANSMISSION & WIND ENERGY GENERATION SYSTEM APPLICATIONS	UGC care group-I (International journal of Innovative Research in Electrical, Electronics, Instrumentation & Control Engineering)	04	ISSN (Online): 2321-2004	2016
10	S. Venkata Rami Reddy GVenkata Suresh Babu	A LOAD FLOW STUDIES WITH UPFC USING CURRENT BASED MODEL	UGC care group-I (International journal of Advanced Technology and Innovative Research)	06	ISSN 2348 -2370	2014

19. Detail of patents:

Sl. No	Patent Title	Name of the Applicants	Patent No.	Award Date	Agency/ Country	Status
1	RESULTANT SEQUENCE IMPEDANCE COMPONENT BASED PASSIVE ISLANDING DETECTION AND LOAD SHEDDING IN MICROGRIDS.	Sareddy Venkata Rami Reddy	202341058980	06/10/2023	India	Published
2	A NEW VARIATIONAL MODE DECOMPOSITION BASED ISLANDING DETECTION IN GRID CONNECTED HYBRID DG SYSTEM	Sareddy Venkata Rami Reddy	202341059040	06/10/2023	India	Published
3	DESIGNING A COMPACT PORTABLE WASHING MACHINE FOR HOUSEHOLD USE	Sareddy Venkata Rami Reddy	202341059198	06/10/2023	India	Published
4	AI-BASED CONTROL OF INDUCTION MOTOR IN AGRICULTURE: ENHANCING EFFICIENCY AND SUSTAINABILITY	Sareddy Venkata Rami Reddy	202341061198	06/10/2023	India	Published

20. Conference presentations and publications:

Sl. No	Authors Name	Title of the article	Name of the conference	Date and Venue	Year
1	SAREDDY, VENKATA RAMI REDDY; T R, Premila and Dr. Ch Rami Reddy	Islanding detection of integrated wind energy system with variations in DC link voltage	IEEE 3rd International Conference on “Sustainable Energy and Future Electric Transportation	SIKSHA ‘O’ ANUSANDHAN (DEEMED TO BE UNIVERSITY), BHUBANESWAR, ODISHA, INDIA	2023
2	S. Venkata Rami Reddy	SIMULTANEOUS CONTROL OF PMSG BASED WIND TURBINES FOR SYSTEM INERTIAL RESPONSE & POWER OSCILLATION DAMPING	3 rd International Conference on Recent Challenges in Engineering & Technology (ICRCET-17)	12-13 September 2017 Tirupathi, Andhra Pradesh, India	2017

21. Other Information

- 1) **ORCID:** <https://orcid.org/0000-0001-7390-0147>
- 2) **GoogleScholar:**
https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=SRwQpIwAAAAJ
- 3) **SCI Profiles:** <https://sciprofiles.com/user/publications/2615481>
- 4) **Web of Science profiles:** <https://www.webofscience.com/wos/author/record/ISS-7767-2023>
- 5) **ScopusProfile:**
<https://www.scopus.com/authid/detail.uri?authorId=57209779237&origin=recordPage>
- 6) **Vidwan Profile:** <https://vidwan.inflibnet.ac.in/profile/390467/MzkwNDY3>

22. Skill Set

➤ Matlab/Simulink

23. Declaration

I do here by declare that the above information given by me is true and correct to the best of my knowledge and belief. If you consider my case favorably, I'm willing to work hard and make myself useful to your organization.

Thanks & Regards,

Date: 09.06.2025

Place: JNTUACEP

(S.VENKATA RAMI REDDY)