

PROFILE

1. Name: P. Rizwan
2. Fathers Name: P. Jaffar Basha
3. Address: Door No. 6-51, Chinmaya Nagar,
Thomas Manro Road,
Ananthapuramu – 515 002.
4. Email id (Personal): rizwanjntu@gmail.com
5. Email id (Office): rizwan.eee@jntua.ac.in
6. Mobile No: +91 9491 355 244
7. Work Experience:



S. No.	Name of the Organization	Position held	Years of Experience	Nature of work done
1.	JNTUA CEA, Ananthapuramu	Asst. Professor (Adhoc)	10.4	Teaching

8. Vidwan ID: <https://vidwan.inflibnet.ac.in/profile/320603>
9. Orcid ID: <https://orcid.org/0000-0002-4944-0408>
10. List of Publications (IJ, IC, NJ, NC):

International Conference:

- i. U. Mallesh, **P. Rizwan**, “Reliability Analysis of Wake Effect in Wind Farm Layout using Modified Binary PSO” 4th International Conference on Recent Challenges in Engineering and Technology (ICRCET-18) held at Pune, Maharashtra, during 2nd – 3rd April 2018, pp 98-103.

International Journal:

- i. **P. Rizwan**, Manjula Ganesh, Y. Manasa, “Meta Heuristic Algorithm for Placement of EVs and DGs in Conventional and Renewable Energy”, Journal of Systems Engineering and Electronics, Volume 34, Issue 4, June 2024, pp. 85 – 98.
- ii. **P. Rizwan**, C Vikas, Y. Manasa, “Optimal Power Flow Analysis and Transmission System with JAYA Algorithm for Reducing Power Loss”, Journal of Systems Engineering and Electronics, Volume 34, Issue 4, June 2024, pp. 99 – 109.
- iii. N. Mounika, Y. Manasa, **P. Rizwan**, “Controlling and Modeling of a Doubly-Fed Induction Generator Based Wind Turbine by using Adaptive Techniques”, Journal of Systems Engineering and Electronics, Volume 34, Issue 4, March 2024, pp. 299 – 305.
- iv. J. Munibhargavi, Y. Manasa, P. Rizwan, “Grid Integration of Direct Drive OMSG Based Wind Power System using Adaptive Controllers”, Journal of

Systems Engineering and Electronics, Volume 34, Issue 4, March 2024, pp. 289 – 298.

- v. S. Gayathri, Dr. R. Bhavani, **P. Rizwan**, “Introducing Level of Confidence and Reliability Analysis using Chi-Square Method for Raft Foundation”, Vol. 22, No. 02, Feb. 2023, pp. 41 - 47.
- vi. P. Leela Manasa, Dr. R. Bhavani, **P. Rizwan**, “Reliability Analysis on UCS behaviour of Fiber Reinforced Cohesive Soil”, Material Science and Technology, Vol. 22, No. 01, Feb. 2023, pp. 34 - 40.
- vii. G. Rishitha, **P. Rizwan**, Y. Manasa, “Optimization of Vehicle-To-Grid (V2G) System and its Energy Management for Renewable Power Integration”, Journal of Neuro Quantology, Volume 20, Issue 16, December 2022, pp. 4194 – 4202.
- viii. Megavath Sai Kishor Naik, Y. Manasa & **P. Rizwan**, “Advanced Controller-Based Grid-Connected Wind PV Cogeneration using ANN and FO-PID”, Journal of Optoelectronics Laser, Volume 41 Issue 11, 2022, pp 246 – 258.
- ix. J. Sreenivasulu, Y. Manasa, **P. Rizwan**, Girika Madhavi, “Power Dispatch for Sizing of a VRB Battery in a Hybrid System using the Min-Max Method”, High Technology Letters, Vol. 28, Issue 8, July 2022.
- x. Dr. J. Sreenivasulu, J. Vijayalakshmi, **P. Rizwan**, “A DC Microgrid with Hybrid Solar, Wind, and Battery Energy Storage Managed by MLI-ANFIS”, GIS Science Journal, Volume 9, Issue 12, 2022, pp. 1331 – 1344.
- xi. B. Somesh & **P. Rizwan**, “Distribution System Restoration for Reliability Enhancement using Optimization Techniques”, High Technology Letters, Vol. 28, Issue 5, May 2022.
- xii. P Sai Gangadhar & **P. Rizwan**, “Performance of IUPQC for Multi-Feeder System using Particle Swarm Optimization (PSO) and Multilevel-Inverter with Grid Integration of Hybrid Renewable Energy System”, International Journal of Research in Applied Science & Engineering Technology Volume 9, Issue XI, Nov. 2021.
- xiii. P. Vamsi Krishna, J. Sreenivasulu & **P. Rizwan**, “Symbiotic Operation of Renewable Energy Resources to High Voltage Grid for Power Generation Connected”, International Journal of Research, Volume 7, Issue VIII, Feb. 2019, ISSN No. 2236-6124.
- xiv. P. Ravi Kumar, J. Sreenivasulu & **P. Rizwan**, “VSC HVDC connected offshore wind farm for reducing switch count”, International Journal of Research, Volume 7, Issue VIII, Feb. 2019, ISSN No. 2236-6124.

NPTEL/Edx Certifications

S. No.	Duration	Course Name	NPTEL/Edx
1.	July – Sept. 2019	DC Microgrid	NPTEL
2.	Sept. – Nov. 2020	Introduction to Smart Grid	NPTEL
3.	Aug. – Oct. 2023	Ethics in Engineering Practice	NPTEL
4.	April – June 2024	Electric Cars: Technology	Edx
5.	April – June 2024	Efficient HVAC Systems	Edx
6.	April – June 2024	Solar Energy 1	Edx

11. Administrative works supported:

Academic Year	Work Supported
2013-14	<ul style="list-style-type: none"> • Performed Invigilation duties for different exams (End semester examinations & CET examinations). • Physical Verification of books in Library.
2014-15	<ul style="list-style-type: none"> • Performed Invigilation duties for different exams (End semester examinations & CET examinations).
2015-16	<ul style="list-style-type: none"> • Performed Invigilation duties for different exams (End semester examinations & CET examinations) • Physical Verification of books in Library. • Board of Studies • Supported for getting data for NAAC-2016 application. • Supported for getting data for NBA application.
2016-17	<ul style="list-style-type: none"> • Performed Invigilation duties for different exams (End semester examinations & CET examinations)
2017-18	<ul style="list-style-type: none"> • Performed Invigilation duties for different exams (End semester examinations & CET examinations)
2018-19	<ul style="list-style-type: none"> • Preparation of Department Newsletters. • Performed Invigilation duties for different exams (End semester examinations & CET examinations) • Supported for getting data for NBA application.
2019-20	<ul style="list-style-type: none"> • Preparation of Department Newsletters. • Has worked at Office of General Chair towards documentation Preparation of Proceedings and entire process for the International Conference SARQCSMM 2019.
2022-23	<ul style="list-style-type: none"> • Preparation of Department Newsletters. • NAAC Coodrinator
2023-24	<ul style="list-style-type: none"> • Preparation of Department Newsletters. • Involved in NBA works and NAAC Coordinator. • As part of Industrial Visit, we visited ISRO (SHAR), Sriharikota with IV B.Tech Students on 10/11/2023. • Anti Ragging Duties for 1st Year students.
2023-24	<ul style="list-style-type: none"> • Helped for NAAC AQAR 2023-24 data submission in IQAC, JNTUA. • Preparation of Department Brochure, Newsletters. • Anti Ragging Duties for 1st Year students.
