



Vidya Jyothi Institute of Technology

(An Autonomous Institution)

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Aziz Nagar Gate, C.B. Post, Hyderabad-500 075

Department of Electrical & Electronics Engineering

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FACULTY PUBLICATIONS FOR THE ACADEMIC YEAR 2024-2025

S.No	Name of the Author(s)	Title of the Paper (Domain)	Name of the Journal	Month and Year of publication	ISSN/DOI
1	Dr. A. Srujana Mr.B. Rajesh Dr.C. N. Ravi	Electrical Energy Prediction using ARIMA Model (AI & DS in EE)	Journal of Technology	October 2024	ISSN: 10123407 Volume 12 Issue 10, 2024, Page: No:822-830
2	Dr.C. N. Ravi	Introduction to Renewable energy sources and bulk power systems (RES)	power systems operation with 100% Renewable energy sources	October 2024	Pages 1-13. Science Direct.
3	Mr. P. Nageswara Rao S. Chaitanya K. Rajeev	A Renewable Energy System Equipped With An Electric Spring Governed By Fuzzy Control \ (RES)	IEEE 4 th International Conference on Sustainable Energy and Future Electric Transportation	August 2024	DOI: 10.1109/SEFET6 1574.2024.10718 202
4	Mr. P. Nageswara Rao T. Parameshwar Mr. Ch. Vikram	Boosting Grid Power Transmission Capacity and Reactive Power Compensation using renewable energy sources with an Electric Spring Governed by a Fuzzy Logic Controller (RES)	IEEE 4 th International Conference on Sustainable Energy and Future Electric Transportation	August 2024	DOI: 10.1109/SEFET615 74.2024.10718095
5	Mr. Hussain shaik	Frequency Domain parameters of a Two-Area Automatic Generation Control system. (PE in PS)	International Conference on Emerging Techniques in Computational Intelligence (ICETC	September 2024	DOI: 10.1109/ICETCI6277 1.2024.10704175



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6	Mr. B Sudhakar Reddy Mr.B. Rajesh	Design and Implementation of an Automated Water Dispensing Robot for High-Traffic Dining Environments (AI & DS in EE)	Journal of Technology	October 2024	ISSN: 10123407 Volume 12 Issue 10, 2024, Page: No:868-873
7	Tummeti Parameshwar	Doubly Fed Induction Generator based Wind Energy Conversion System of PI and Fuzzy Logic Controller (RES)	Indian Journal of Natural Sciences	Aug / 2024	Vol.15 / Issue 85 / ISSN: 0976 – 0997
8	Tummeti Parameshwar	ANFIS-based optimization for achieving the maximum torque per ampere in induction motor drive with conventional PI (AI & DS in EE)	International Journal of Applied Power Engineering (IJAPE)	June 2024	DOI: 10.11591/ijape.v13.i2. pp320-327
9	Mr. M. Vijaykumar	Optimization Techniques for Hybrid AC-DC Grid (PE in PS)	International Journal of Science, Engineering and Technology	August 2024	ISSN (Online): 2348-4098 ISSN (Print): 2395-4752