



# VIGNAN'S INSTITUTE OF ENGINEERING FOR WOMEN

(Approved by AICTE & Affiliated to JNTU-GV, Vizianagaram) Estd. 2008



Accredited by NAAC with 'A+' Grade (CGPA of 3.49 / 4.00)

Accredited by NBA for UG Programmes of EEE, ECE, CSE & IT

ISO9001:2015, ISO 14001:2015, OHSAS 18001:2007 Certified institution

Kapujaggarajupeta, VSEZ (Post), Visakhapatnam - 530 049



## Department of Electrical & Electronics Engineering

### List of Journal Publications: 2021-22

S. No.	Authors Name	Title of the paper	Journal Name	Volume/ Issue No	Indexing	ISSN No
1.	Dr. Akanksha Mishra	Strategic Placement Of Solar Power Plant Interlined Power Flow Controllers For Prevention Of Blackouts	IMDPI	DOI: <a href="https://doi.org/10.3390/inventions7010030">https://doi.org/10.3390/inventions7010030</a>	SCI	ISSN: 2411-5134
2.	Mr. Kapu V Sri Ram Prasad	Numerical Investigation And Experimental Modal Analysis Validation To Mitigate Vibration Of Induction Machine Caused Due To Electrical And Mechanical Faults	Journal Of Electrical Engineering & Technology	<a href="https://doi.org/10.1007/s42835-022-01049-8">https://doi.org/10.1007/s42835-022-01049-8</a>	SCI	ISSN: 2259-2273
3.	Mr. Kapu V Sri Ram Prasad	Experimental Modal Analysis Of Induction Machine Stator End Windings Of Driving End And Non-Driving End To Predict The Looseness	Journal Of Failure Analysis And Prevention	<a href="https://doi.org/10.1007/s11668-022-01404-x">https://doi.org/10.1007/s11668-022-01404-x</a>	ESCI	ISSN: 1151-1163
4.	Mr. Avinash Vujji	Experimental Evaluation Of Vikor-Based Cost Function Optimization Of Finite Control Set-Predictive Torque Control For Permanent Magnet Synchronous Motor Drive	Journal Of Failure Analysis And Prevention	<a href="https://doi.org/10.1007/s11668-022-01421-w">https://doi.org/10.1007/s11668-022-01421-w</a>	ESCI	ISSN:236-1251
5.	Dr. Akanksha Mishra	Prediction Analysis Of Fraud Detection With Synthetic Minority Over Sampling Technique	High Technology Letters	Vol. : 27 Issue:10	SCOPUS	ISSN: 1006-6748
6.	Dr. Akanksha Mishra	Reliability Of Gas Insulated System Under Electric Field Stress With Optimal Design Of FGM Post Type Spacer	Reliability: Theory & Applications	VOL ;17 Issue:2(68)	SCOPUS	ISSN 1932-2321
7.	Mrs.B. Jayasri	Improved Power Quality In Grid Connected PV Cells Using Hybrid PW-DSTATCOM	Neuro Quantology	DOI: 10.48047/Nq.2022.20.5.Nq88595 Volume 20, No 15	SCOPUS	ISSN: 1303-5150



# VIGNAN'S INSTITUTE OF ENGINEERING FOR WOMEN

(Approved by AICTE & Affiliated to JNTU-GV, Vizianagaram) Estd. 2008



Accredited by NAAC with 'A+' Grade (CGPA of 3.49 / 4.00)

Accredited by NBA for UG Programmes of EEE, ECE, CSE & IT

ISO9001:2015, ISO 14001:2015, OHSAS 18001:2007 Certified institution

Kapujaggarajupeta, VSEZ (Post), Visakhapatnam - 530 049



8.	Dr. Akanksha Mishra	Solar based T-type multilevel inverter for electric vehicle applications	Mukt Shabd journal	Vol: XI Issue: XI	UGC	ISSN: 2347-3150
9.	Dr. Akanksha Mishra	Home Automation And Security System	Journal Of Education: Rabindra Bharati University	Vol:XXiv, No:6(II)	UGC	ISSN: 0972-7175
10.	Dr. K. Durga Syam Prasad	Development Of Automatic Solar Panel Cleaning System Based On Arduino	Journal Of Fundamental And Comperative Research	Vol. IX, No. 2(I): 2022	UGC	ISSN: 2277-7067
11.		Unified Power Flow Controller	Journal Of Education: Rabindra Bharati University	Vol: Xxiv, No:6(II)	UGC	ISSN: 0972-7175
12.		Design And Implementation Of Three-Phase Three- Level T-Type Converter For Grid Applications	Journal Of Fundamental & Comparative Research	Vol. IX, No. 2(I): 2022	UGC	ISSN: 2277-7067
13.	Dr.Y. Bhaskar S.S Gupta	A transformer-less ultrahigh-gain dc-dc converter for Dc micro grid application	Journal of Education: Rabindra Bharati University	Vol.: XXIV, No :6(II),	UGC	ISSN: 0972-7175
14.	Ms. V.V. Sai Santoshi	IOT Based Under Ground Cable Fault Detector	Journal Of Fundamental And Comperative Research	Vol. IX, No. 2(I): 2022	UGC	ISSN: 2277-7067
15.	Mr. Avinash Vujji	Design And Modeling Of Hybrid Power Generation System	Journal Of Education Ravindra Bharati University	Vol:XXIV, No. :6(II),	UGC	ISSN: 0972-7175
16.	Mr. Avinash Vujji	Hybrid High Voltage Gain Dc-Dc Converter	Journal Of Education: Rabindra Bharati University	Vol: XXIV, No: 6(II),	UGC	ISSN: 0972-7175
17.	Mr. Kapu V Sri Ram Prasad	Fault Current Of Adjacent And Non Adjacent Broken Rotor Bars Of Induction Machine Using Finite Element Method	Journal Of Education Ravindra Bharati University	Vol.: XXIV, No:6(II)	UGC	ISSN: 0972-7175
18.	Mrs. T. Sushma	Energy Audit In Vignans Institute Of Engineering For Women	Journal of Education: Rabindra Bharati University	Vol.: XXIV, No:6(II),	UGC	ISSN: 0972-7175



# VIGNAN'S INSTITUTE OF ENGINEERING FOR WOMEN

(Approved by AICTE & Affiliated to JNTU-GV, Vizianagaram) Estd. 2008



Accredited by NAAC with 'A+' Grade (CGPA of 3.49 / 4.00)

Accredited by NBA for UG Programmes of EEE,ECE,CSE & IT

ISO9001:2015, ISO 14001:2015, OHSAS 18001:2007 Certified institution

Kapujaggarajupeta, VSEZ (Post), Visakhapatnam - 530 049



19.	Mr.B. Naidu	Single Dc Source Based Seven Level Boost-Inverter Electric Vehicle Application	Journal Of Fundamental And Comperative Research	Vol. IX, No. 2(I): 2022	UGC	ISSN: 2277-7067
20.	Mrs. Payal Pramanik	Real time vehicle theft detection and tracking using GSM,GPS and speed indicator	Journal of Fundamental & Comparative Research	Vol. IX, No. 2(I): 2022	UGC	ISSN: 2277-7067
21.	Ms.S. Kezia	Arduino Based Charging Station Powered By Photovoltaics	Journal Of Education Ravindra Bharati University	Vol.: XXIV, No. :6(II),	UGC	ISSN: 0972-7175
22.	Mr. V. Krishna	Mitigation Of Magnetic Inrush Currents In Single Phase Transformer Using Voltage Source Converter	Journal Of Fundamental And Comperative Research	Vol. IX, No. 2(I): 2022	UGC	ISSN: 2277-7067
23.	Mr. P. Anil Kumar	Dynamic Modelling Of Hybrid Wind/PV/Fuel Cell Power Generation System	Journal Of Fundamental And Comperative Research	Vol. IX, No. 2(I): 2022	UGC	ISSN: 2277-7067
24.	Mrs.P. Renuka	High Step-up Dc To Dc Converters For Photovoltaic Applications Using Z-Source	Journal Of Education Ravindra Bharati University	Vol.: XXIV, No:6(II)	UGC	ISSN: 0972-7175
25.	Mr. P. Bharath Kumar	Path Controlled And Obstacle Avoidance Robot	Journal Of Fundamental And Comperative Research	Vol. IX, No. 2(I): 2022	UGC	ISSN: 2277-7067
26.	Mr.Yellapu Sumith	Smart Grocery Item Distribution	Journal Of Education Ravindra Bharati University	Vol.: XXIV, No :6(II),	UGC	ISSN: 0972-7175
27.	Mrs.B. Jayasri	Smart Electric Vechicle Charging With Temperature Controller And High Beam Adjustment	Journal Of Fundamental And Comperative Research	Vol. IX, No. 2(I): 2022	UGC	ISSN: 2277-7067
28.	Mr. G. Muli Naidu	Simulation Implementation Of Polar PV Based Multilevel Inverter For BLDC Drive	Journal Of Fundamental And Comperative Research	Vol. IX, No. 2(I): 2022	UGC	ISSN: 2277-7067
29.	Mrs.B. Vanajakshi	Solar Inverter With Maximum Power Point Tracking(MPPT) Mechanism	Journal of Education: Rabindra Bharati University	Vol.: XXIV, No. :6(II),	UGC	ISSN: 0972-7175