

List of Journal Publications: 2021-22

S.No	Name of the Faculty	Title of the Paper	Name of the Journal	ISSN/Vol./Issue No	Month & Year of Publication
1	Mr. Kapu V Sri Ram Prasad	Investigation of Stator Windings Looseness of Polyphase Induction Machine after Rewinded in Workshop: Numerical and Experimental Analysis	Majlesi journal of electrical engineering	Volume 16	December 2022
2	Dr.Akanksha Mishra	Reliability of Gas Insulated System under Electric Field Stress with Optimal Design of FGM Post Type Spacer	Reliability: Theory & Applications	Volume 17	June 2022
3	Mr. V Avinash	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	Volume 22	June 2022
4	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	Volume 17	March 2022
5	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	Journal of failure analysis and prevention	Volume 22	April 2022

		Looseness			
6	Mr. P. Anil Kumar	Dynamic modelling of isolated hybrid wind/PV/fuel cell Power generation system	Journal of Fundamental & Comparative Research	ISSN: 2277-7067 Vol. IX, No. 2(I): 2022	June 2022
7	Dr. Durga Syam Prasad	Design and implementation of three-phase three- level t-Type converter for grid applications	Journal of Fundamental & Comparative Research	ISSN: 2277-7067 Vol. IX, No. 2(I): 2022	June 2022
8	Mr. P. Bharath Kumar	Path controlled and obstacle avoidance robot	Journal of Fundamental & Comparative Research	ISSN: 2277-7067 Vol. IX, No. 2(I): 2022	June 2022
9	Ms. V.V.Sai Santoshi	IOT based underground cable fault detector	Journal of Fundamental & Comparative Research	ISSN: 2277-7067 Vol. IX, No. 2(I): 2022	June 2022
10	Mr. V. Krishna	Mitigation of magnetic inrush current in a single phase Transformer using voltage source converter	Journal of Fundamental & Comparative Research	ISSN: 2277-7067 Vol. IX, No. 2(I): 2022	June 2022
11	Ms.B. Jayasri	Smart electric vehicle charging with temperatureController and high beam adjustment	Journal of Fundamental & Comparative Research	ISSN: 2277-7067 Vol. IX, No. 2(I): 2022	June 2022
12	Ms.Payal Pramanik	Real time vehicle theft detection and tracking using gsm,GPS and speedindicator	Journal of Fundamental & Comparative Research	ISSN: 2277-7067 Vol. IX, No. 132(I): 2022	June 2022
13	Mr. B. Naidu	Single dc-source-based seven-level boost-inverter for Electric vehicle applications	Journal of Fundamental & Comparative Research	ISSN: 2277-7067 Vol. IX, No. 2(I): 2022	June 2022

14	Dr. K. Durga Syam Prasad	Development of automatic solar panel cleaning system based on arduino	Journal of Fundamental & Comparative Research	ISSN: 2277-7067 Vol. IX, No. 2(I): 2022	June 2022
15	Mr. G.Muli Naidu	Simulation and implementation of solar pv basedMultilevel inverter for bldc motor drive	Journal of Fundamental & Comparative Research	ISSN: 2277-7067 Vol. IX, No. 2(I): 2022	June 2022
16	Mrs. T.Sushma	Energy audit in vignan's institute of engineering for women	Journal of Education: Rabindra Bharati University	ISSN: 0972-7175 Vol.: XXIV, No. :6(II),	June 2022
17	Dr. Y Bhaskar S S Gupta	A transformer-less ultrahigh-gain dc-dc converter forDc microgrid application	Journal of Education: Rabindra Bharati University	ISSN: 0972-7175 Vol.: XXIV, No. :6(II),	June 2022
18	Mr. V Avinash	Design and modeling of hybrid power generation system	Journal of Education: Rabindra Bharati University	ISSN: 0972-7175 Vol.: XXIV, No. :6(II),	June 2022
19	Dr. K. Durga Syam Prasad	Unified power flow controller	Journal of Education: Rabindra Bharati University	ISSN: 0972-7175 Vol.: XXIV, No. :6(II),	June 2022
20	Mr.Yellapu Sumith	Smart grocery item distribution	Journal of Education: Rabindra Bharati University	ISSN: 0972-7175 Vol.: XXIV, No. :6(II),	June 2022
21	Mrs. Pappu Renuka,	High-step-up dc-dc converters for photovoltaicApplications using z-source	Journal of Education: Rabindra Bharati University	ISSN: 0972-7175 Vol.: XXIV, No. :6(II),	June 2022
22	Ms.S.Kezia	Arduino based charging station	Journal of Education:	ISSN: 0972-7175	June 2022

		powered byPhotovoltaics	Rabindra Bharati University	Vol.: XXIV, No. :6(II),	
23	Mr. V. Avinash,	Hybrid high voltage gain dc-dc converter	Journal of Education: Rabindra Bharati University	ISSN: 0972-7175 Vol.: XXIV, No. :6(II),	June 2022
24	Mrs. B. Vanajakshi	Solar inverter with maximum power point tracking (mppt) mechanism	Journal of Education: Rabindra Bharati University	ISSN: 0972-7175 Vol.: XXIV, No. :6(II),	June 2022
25	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: Rabindra Bharati University	ISSN: 0972-7175 Vol.: XXIV, No. :6(II),	June 2022
26	Dr.Akanksha Mishra	Home automation and security system	Journal of Education: Rabindra Bharati University	ISSN: 0972-7175 Vol. : XXIV, No. :6(II),	June 2022