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Jawaharlal Nehru New College of Engineering, Shivamogga

(Approved by AICTE, New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC – 'A',

NBA Accreditation: 1.7.2022 to 30.06.2025

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Department of Electrical & Electronics Engineering

List of Journals from 2024 to 2025

Sl. No	Journal Title	Authors	Level	Publishers	Date of Publication	Vol-Issue	Pages	Indexed By	DOI	ISSN
1	Wireless Charging Systems for Hybrid Electric Vehicles	VEERESHA K B Manjula M G	International	International Journal of Recent Engineering Science Seventh Sense Research Group	11-06-2025	12-Mar	19-25	i-scholar	https://doi.org/10.14445/23497157/IJRES-V12I3P103	2349-7157



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Department of Electrical & Electronics Engineering

2	Enhancing Public Safety and Traffic Management: A Machine Learning Solution for Missing Vehicles and Smart Signaling	VIDYASHANKAR M	International	International Journal for Research in Applied Science & Engineering Technology International Journal for Research in Applied Science & Engineering Technology	17-02-2025	13-Feb	842-845	UGC	https://doi.org/10.22214/ijraset.2025.66978	
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3	Cumulative Distribution of the PAPR in a Out-Of-Band Coded OFDM System	SUPRITHA M R	International	Grenze International Journal of Engineering and Technology, June Issue Greneze Scientific society	17-02-2025	01-Feb	01-Jun	Scopus	Grenze ID: 01.GIJET.10.2.136	2395-5295



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4	Development of software tool for solar thermal energy applications to Dairy industry	AJJANNA N G Dr.H.B.Suresh Dr.L.K.Sreepathi	International	IJIRT Solaris	08-01-2025	11-Aug	1258-1263	UGC		ISSN: 2349-6002
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5	Economic Analysis of Integration of Biomass Gasifier with ON/OFF Grid to meet the Electrical Energy Requirement of CHIDASHIMUL Dairy Industry - A Case Study.	AJJANNA N G Dr.H.B.Suresh Dr.L.K.Sreepathi	International	International Research Journal of Engineering and Technology (IRJET) Fast track publisher	08-01-2025	12-Jan	Sep-15	ICI		e- ISSN: 2395-0056, p- ISSN: 2395-0072
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6	CPU scheduling algorithms performance analysis in the RISC-V xv6 operating system environment	VIDYASHANKAR M	International	Journal of Integrated SCIENCE & TECHNOLOGY ScienceIn Publishing	10-12-2024	13-1053	01-Sep	Scopus	10.62110/sciencein.jist.2025.v13.1053	



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7	IUPQC for mitigation of electrical power quality in two feeder distribution system	VEERESHA K B Manjula M G	International	Brazilian Journal of Development Brazilian Journal of Development	30-07-2024	10-Jul	01-Nov	i-scholar	https://doi.org/10.34117/bjdv10n7-059	2525-8761



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List of Journals from 2023 to 2024

S.N	Journal Title	Authors	Level	Publishers	Date of Publication	Vol-Issue	Pages	Indexed By	DOI	ISSN
1	Analysis of Solar PV System and Solar Thermal Energy To Meet a Dairy Industry Energy Needs: A Case Study.	Mr.N.G. Ajjanna Dr. Suresh.H.B. Dr. L.K. Sreepathi	International Journal	Iranica Journal of Energy & Environment Babol Noshirvani University of Technology, Iran	09-05-24	1-16	37-46	EBSCO	10.5829/ije.e.2025.16.01.05	2079-2115
2	Auction-based single buyer energy trading framework in grid-tied micro grid with distributed energy storage and demand response using a multi-agent approach	Supritha M R Manjunath H M	International Journal	e-Prime - Advances in Electrical Engineering, Electronics and Energy Elsevier Limited	29-12-23	6-1	1-10	Scopus	https://doi.org/10.1016/j.prime.2023.100367	100367



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3	Integration of Multi-Terminal Unified Power Quality Conditioner in Micro grid System	Manjula M G Dr. S Surendra	International Journal	SSRG International Journal of Recent Engineering Science.	13-07-23	10-4	1-13	None	https://doi.org/10.14445/23497157/IJRES-V10I4P102	2349-7157
4	Enhancement of Power Quality using Single Phase Generalised Unified Power Quality Conditioner in Distribution System	Veerasha K B Manjula M G Dr. Thejaswi A H	International Journal	International Journal of Recent Engineering Science (IJRES) Seventh Sense Research Group	03-07-23	10-4	1-6	UGC	10.14445/23497157/IJRES-V10I4P101	2349-7157
5	Analysis of Energy Consumption in Dairy industry for integration of Rooftop Solar PV system for Energy Management-A Case Study	Mr.N.G. Ajanna Dr.Suresh.H.B Dr. L.K. Sreepathi	International conference	KSCST, KSBDB & JNNCE	2-3-24	-	-	-	-	-



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Sl. No	JournalTitle	Authors	Level	Publishers	Date of Publication	Vol-Issue	Pages	Indexed By	DOI	ISSN
1	Integration of Multi-Terminal Unified Power Quality Conditioner in Microgrid System	MANJULA M G Dr. S surendra	International	SSRG International Journal of Recent Engineering Science SSRG International Journal of Recent Engineering Science	13-07-2023	10-4	1-13	UGC	https://doi.org/10.14445/23497157/IJRES-V10I4P102	ISSN: 2349-7157
2	Enhancement of Power Quality using Single Phase	VEERESHA K B Manjula M	International	International Journal of Recent Engineering	03-07-2023	10-4	1-6	UGC	10.14445/23497157/IJRES-V10I4P101	2349-7157



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Sl. No	JournalTitle	Authors	Level	Publishers	Date of Publication	Vol-Issue	Pages	Indexed By	DOI	ISSN
	Generalised Unified Power Quality Conditioner in Distribution System	G Dr. Thejaswi A H		Science (IJRES) Seventh Sense Research Group						
3	Development of Software Tool for Integration of Grid-Tied Rooftop Solar Photovoltaic System for the Dairy Industry	SURESH H B Mr. N.G. Ajjanna Dr. L.K. Sreepathi	International	Journal of Emerging Technologies and Innovation Research (JETIR) JETIR	27-02-2023	10-2	153-162	Scopus		2349 - 5162



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List of Journals from 2021 to 2022

Sl. No	Journal Title	Authors	Level	Publishers	Date of Publication	Vol-Issue	Pages	ISSN
1	Transformer Fault Classification using NB Algorithm	Dr. Thejaswi A H	International	Journal of Emerging Technologies and Innovative Research	31-05-2022	9-5	518-522	2349-5162
2	Impact of Super capacitors in Battery on Hybrid Energy Storage System for an Integrated Microgrid	Supritha M R Soumya K T	International	International journal of advanced research in computer and communication engineering tejass publishers organization	2022-04-07	11-4	1-8	2278-1021
3	Design and Simulation of LLC Converter on LDC application for low voltage vehicles on-Board	Chandan K R Jyothi.P.B Dr. Sharana Reddy Md Anwar	International	International Journal of Emerging Technologies and Innovative Research International Journal of Emerging Technologies and Innovative Research	2021-09-27	8-9	1-6	2349-5162
4	Simulation Analysis of PWM	Chandan K R	International	International Journal for Modern Trends in	2021-09-23	7-9	235-	2455-



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	Based Sliding Mode Controller for DC-DC Buck Converter	Anusha.G Dr. Sharana Reddy Shridhar S M		Science and Technology International Journal for Modern Trends in Science and Technology			241	3778
5	Electric Lineman safety using Arduino UNO and finger print scanner	Shailashree K Darshan H M	International	International journal of Advances in Engineering and Management IJAEM	2021-09-28	3-9	1663-1666	2395-5252

List of Journals from 2020 to 2021

Sl. No	Journal Title	Authors	Level	Publishers	Date of Publication	Vol-Issue	Pages	ISSN
1	Simulation analysis of two terminal unified power quality conditioner	Manjula M G Dr. Surendra S	International	International Journal Of Multidisciplinary Research And Advances In Engineering Dr. S M Khairnar	2021-06-01	13-1	1-11	0975-7074



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Department of Electrical & Electronics Engineering

Sl. No	Journal Title	Authors	Level	Publishers	Date of Publication	Vol-Issue	Pages	ISSN
2	Prototype Model of Generalised Unified Power Quality Conditioner	Veeresha K B Dr. Thejaswi A. H	International	Journal of Huazhong University of Science and Technology (JHUST) ELSEVIER	2021-05-27	50-5	1-14	1671-4512
3	Health Monitoring By using Renesas	Supritha M R Shashikumara D S Roshan A Fernandies Sindhushree S	International	International journal of advanced Research in Electrical, Electronics and Instrumentation Engineering International journal of advanced Research in Electrical, Electronics and Instrumentation Engineering	2020-10-21	9-10	1-5	22788875
4	UVT and PQ theory based Generalised Unified Power Quality Conditioner for Voltage Sag and Swell Compensation	Veeresha K B Dr. Thejaswi A. H	International	International Journal of Innovative Science and Research Technology IJISRT	2020-10-15	5-10	1232-1238	2456-2165



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Sl. No	Journal Title	Authors	Level	Publishers	Date of Publication	Vol-Issue	Pages	ISSN
5	Power System Faults Mitigation using Generalized Unified Power Quality Conditioner	Veerasha K B Dr. Thejaswi A. H	International	International Journal of Electrical and Electronics Engineering (IJEED) SSRG	2020-10-01	7-10	16-21	2348–8379
6	A Single-Phase Grid-Connected Photovoltaic Inverter Supported With a Three-Switch Three-Port Flyback with Series Power Decoupling Circuit	Chandan K R Valmiki Pavani	International	International Journal of Research International Journal of Research	2020-07-22	9-7	135-146	2236-6124



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List of Journals from 2019 to 2020

Sl. No	Journal Title	Authors	Level	Publishers	Date of Publication	Vol-Issue	Pages	ISSN
1	Study Of Grid Synchronization Techniques For Distributed Generation System Considering Grid Under Abnormal Condition	Veeresha K B Kumari Rashmi Gobbi	International	International Journal of Research in Electrical Engineering Research Script	2020-05-05	7-2	7-12	2349-2503
2	Power quality enhancement using unified power quality conditioner in micro-grid system	Manjula M G Veeresha K B Pragna M Kote	International	International Journal of Research in Electrical Engineering IJREE	2019-12-04	6-1	1-23	2349-2503



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Publications after 2018-19

Sl. No	JournalTitle	Authors	Level	Publishers	Date of Publication	Vol-Issue	Pages	Indexed By	DOI	ISSN
1	Simulation analysis of two terminal unified power quality conditioner	MANJULA M G Dr. Surendra S	International	Dr. S M Khairnar	2021-06-01	13-1	1-11	None	01-06-2021	0975-7074
2	Prototype Model of Generalised Unified Power Quality Conditioner	VEERESHA K B	International	ELSEVIER	2021-05-27	50-5	1-14	Scopus	-	1671-4512
3	Health Monitoring By using Renesas	SUPRITHA M R Roshan A Fernandies	International	International journal of advanced Research in Electrical, Electronics and Instrumentation Engineering	2020-10-21	9-10	1-5		0	22788875



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Sl. No	JournalTitle	Authors	Level	Publishers	Date of Publication	Vol-Issue	Pages	Indexed By	DOI	ISSN
4	UVT and PQ theory based Generalised Unified Power Quality Conditioner for Voltage Sag and Swell Compensation	VEERESHA K B Dr. Thejaswi A. H	International	IJISRT	2020-10-15	5-10	1232-1238	None		2456-2165
5	Power System Faults Mitigation using Generalized Unified Power Quality Conditioner	VEERESHA K B Dr. Thejaswi A. H	International	SSRG	2020-10-01	7-10	16-21	SCI	10.14445/23488379/IJEEE-V7I10P103	2348-8379
6	STUDY OF GRID SYNCHRONIZATION TECHNIQUES FOR DISTRIBUTED	VEERESHA K B Kumari Rashmi	International	Research Script	2020-05-05	7-2	7-12	None		2349-2503



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	GENERATION SYSTEM CONSIDERING GRID UNDER ABNORMAL CONDITION	Gobbi								
7	Power quality enhancement using unified power quality conditioner in microgrid system	MANJULA M G Veeresha K B Pragna M Kote	International	IJREE	2019-12-04	6-1	1-23	None	29-12-2019	2349-2503
8	Power Quality Mitigation by Generalized Unified Power Quality Conditioner	VEERESHA K B Dr. Thejaswi A. H	International	Blue Eyes Intelligence Engineering and Sciences Publication	2019-06-15	8-2	783-787	Scopus	10.35940/ijrte.F2140.078219	2277-3878



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Publications 2018-19

#	NAME OF FACULTY	NAME OF RESEARCH PAPER	YEAR OF PUBLICATION	NAME OF THE JOURNAL
1	Mrs. N. P. Suneetha & Dr. Surendra. S.	"Convex Optimization in Power Distribution Networks"	ISSN: 2250-3021, P 35-43, 2018-19	IOSR Journal of Engineering
2	Mrs. N. P. Suneetha & Dr. Surendra. S.	"Survey on Convex Optimization in Power Distribution Networks"	ISSN: 2250-3021, P 44-48, 2018-19	IOSR Journal of Engineering
3	Veeresha. K. B. & Dr. Thejaswi. A. H.	"Modelling and simulation of single phase to three phase unified power quality conditioner (UPQC)"	ISSN NO: 2349-2503, Vol-5, Issue-2, 2018.	International Journal of Research in Electrical Engineering
4	H. M. Maheshwarappa	Simulation of Seven level Inverter topology for solar power conversion	ISSN No: 2321-0613, Volume-6 Issue-3 2018	International Journal for scientific research and development



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Publications 2017-18

#	NAME OF FACULTY	NAME OF RESEARCH PAPER	YEAR OF PUBLICATION	NAME OF THE JOURNAL
1	H. M. Maheshwarappa	Seven level Packed U Cell Multilevel Inverter for Real Time Application	ISSN No: 2349-2503 Volume-4 Issue-3 2017	International Journal of Research In Electrical Engineering

Publications 2016-17

#	NAME OF FACULTY	NAME OF RESEARCH PAPER	YEAR OF PUBLICATION	NAME OF THE JOURNAL
1	Vidyashankar. M & N. G. Ajjanna	Comparative Analysis of Multi-Pulse Inverter for Facts Application	ISSN: 0976-1353 Volume 23 Issue-6 OCTOBER 2016 (SPECIAL ISSUE)	International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE)
2	N. G. Ajjanna & Vidyashankar. M.	A Novel structure for Multi-Level Inverter Topology for Higher Power Applications with Reduced Number of Switches	ISSN: 0976-1353 Volume 23 Issue6- OCTOBER 2016 (SPECIAL ISSUE)	International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE)