

BHARATI VIDYAPEETH (DEEMED TO BE) UNIVERSITY
COLLEGE OF ENGINEERING, PUNE
DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

Summary of Faculty Research Publication (2020-21 to 2024-25)

Sr. No.	Academic Year	No. of Research Papers Published in				Total	No. of Research Papers listed in standard databases		
		Journal		Conference			Scopus	Web of Science	Google Scholar
		IJ	NJ	IC	NC				
1.	2024-25	9	0	7, Book chapter:2	2	20	14	00	20
2.	2023-24	12	0	04	0	16	12	00	16
3.	2022-23	24	0	03	0	27	12	11	27
4.	2021-22	44	0	01	0	45	3	11	45
5.	2020-21	23	0	2	0	25	5	1	25
Total		112	00	19	02	133	46	23	133

Academic Year 2024-25

International Journal

Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue Number	Page Nos.	Month and Year of Publication	ISSN	Impact Factor	Listed in Standard Databases (Y/N)		
									Scopus	Web of Science	Google Scholar
1	Ritika Asati, Deepak S.Bankar, Vinay Kumar Jadoun, Majed A. Alotaibi, Hasmat Malik, Fausto Pedro García Márquez	Improved Reduced Switch Converter Topology for Torque Ripple Reduction in Four-Phase Switched Reluctance Motor Under Dynamic Loading	International Journal of Mathematical, Engineering and Management Sciences	Vol. 9, No. 5	Pg.No. 1019-1034	October 2024	ISSN: 2455-7749, DOI: 10.33889/IJMEMS.2024.9.5.053	1.3	Y	Y	Y
2	Amit L. Nehete, Deepak S. Bankar, Ritika Asati, Chetan Khadse	Non-contact power system fault diagnosis: a machine learning approach with electromagnetic current	Indonesian Journal of Electrical Engineering and Computer Science	Vol. 36, Issue No. 3	Pg.No. 1356-1364	December-2024	ISSN: 2502-4752, DOI: 10.11591/ijeecs.v3i3	-	Y	N	Y

		sensing									
3	Prof. Tulshihar Patil , Dr. Shashank Joshi , Dr. Sagar Ganapati Mohite , Prof. Rahul Desai , Dr. P V Londhe , Dr. Pramod Jadhav , Dr. Milind Gayakwad	A Novel Approach to Eliminate the Dead Code and Change the Looping Structure for Optimizing the Code	Advances in Nonlinear Variation al Inequalities	Vol. 28, Issue No. 2 s (2025)	Pg.No. 659-672	December-2024	ISSN: 1092-910X	-	Y	N	Y
4	Rishikesh Baghel, Shivpal Singh, Chetana Mahajan, Yogesh B. Mandake and Deepak S. Bankar	Study and Simulation of Switched Reluctance Motor Drive Circuit for EV Application	Journal of Mines, Metals and Fuels	Vol. 17, Issue No. 12	Pg.No. 207-217	December-2024	ISSN: 0022-2755	-	Y	N	Y
5	Mr. Sagar Subhash Chikurdekar, Prof. Yogesh. B. Mandake, Dr. Deepak. S. Bankar	Electric Vehicle Battery charging Estiation by ANN and Fuzzy Logic	Journal of Informati on Systems Engineeri ng and Manage ment	Vol. 10, Issue No. 42 (S)	Pg.No. 1231-1243	May 2025	ISSN:2 468-4376	-	Y	N	N
6	Prashant Chandrashekhar Malagi, R. M. Holmukhe, R. S.	Net Zero Energy Buildings in India- A Case	Internatio nal Journal of Engineeri	Volu me X Issue X	Pg.No. 1-4	May 2025	ISSN: 2231-5381	5.2 10	Y	N	Y

	Desai, Rupali Ambekar	Study of Bharati Vidyapeeth (Deemed to be University) College of Engineering, Pune, India	ng Trends and Technology								
7	Mukund S.Mahagaonkar, Datta S Chavan	Field Oriented control of Permanent Magnet Synchronous Motor Used for Solar Water Pump	International Journal of Environmental Sciences	Volume:13, Issue: 2	Pg.No. 2577-2582	February-2025	ISSN:2455-6211	8.536	N	N	Y
8	Prof. Sachin Baburao Wakurdekar, Prof. Dr. S.B Vanjale, Dr. Pallavi Deshpande, Dr. Tanuja Dhope, Prof. V.J. Shinde, Dr. Datta S. Chavan, Prof. Dr. A.Y Prabhakar, Dr. Anand Shinde	Software Cost Estimation: A Comparative Analysis Of Traditional And Machine Learning Approaches	International Journal of Environmental Sciences	Volume:11, Issue No. 7s 2025	Pg.No. 710-720	June 2025	ISSN:2229-7359	1.4	Y	N	Y
9	Prof. V.J. Shinde1Dr. Padmanabh U.	A Novel Solar Air-Cooling System	International Journal of	Volume:11,	Pg.No. 1311-1319	May 2025	ISSN:2229-7359	1.4	Y	N	Y

	Veer, Dr. Pradeep B Kodag, Dr. Datta S. Chavan, Prof. Sudarshan D. Talegaonkar, Prof. Shashikant C Suryawanshi, Dr. Anand Shinde	Featuring 360-Degree Air Dispersion and Battery- Based Energy Storage	Environm ental Sciences	Issue No.4S ,2025							
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International Conference

Sr. No.	Title of the paper	Name of the Author(s)	Name of the Conference	Date	Location	Listed in Standard Databases (Y/N)		
						Scopus	Web of Science	Google Scholar
1.	Torque ripple assessment of converter topologies for switched reluctance motor	Ritika Asati, Deepak S.Bankar,Amit L. Nehete	IEEE 3 rd International Conference on Electrical Power and Energy Systems, ICEPES 2024	21-22 June 2024 (Paper publish ed in Septem ber 2024)	MANIT, Bhopal	Y	N	Y
2.	Torque Ripple Reduction Strategies in Switched Reluctance Motor Using Electromagnetic Computing Tool: A Study for Electric	Yogesh B.Mandake, Deepak S.Bakar, Ritika Asati	International Conference on Signal, Machines, Automation, and Algorithm (SIGMAA 2023),	15-16 Decemb er 2023. (Paper publish ed in Decemb er	New Delhi, India	Y	N	Y

	Vehicle Applications			2024)				
3	Harmonic Measurement and Analysis in Manufacturing Industry: Case Study	Deepak Bankar, Sachin shelar, Praveen Kumar Singh	International Conference on Harmonics and Quality of Power, ICHQP-2024	15 th - 18 th October -2024	Chengdu, China	Y	N	Y
4	Review of revisions of IEEE 519 Standard on Power System Harmonics (1981 to 2022)	Sachin shelar,Deepak Bankar,Shashikant Bakre	International Conference on Harmonics and Quality of Power, ICHQP-2024	15 th - 18 th October -2024	Chengdu, China	Y	N	Y
5	Membraneless Microfluidic Fuel Cell for Powering Pacemakers	Swapnil Namekar	International Conference on CyberTech and smart Systems (ICCSS 2025)	9 th - 10 th May 2025	Akurdi, Pune	N	N	Y
6	Life-Cycle Assessment of Rooftop Solar PV Generation Using Multi-crystalline and Mono-crystalline Modules	Gaikwad, Sunil; Gaikwad, Savvy; Chaudhari, Parag; Holmukhe, Rajesh; Shinde, Kishor; Rishikesh Mehta	2025Global Conference in Emerging Technology, GINOTECH 2025	9 th – 11 th May 2025	Pune	y	N	y
7	Determination of Optimal Tilt Angle for SPV PanelsUsing Various Irradiation	Gaikwad, Sunil; Gaikwad, Savvy;	2025Global Conference in Emerging Technology,	9 th – 11 th May 2025	Pune	Y	N	Y

	Models	Chaudhari, Parag; Holmukhe, Rajesh; Shinde, Kishor; Rishikesh Mehta	GINOTECH 2025					
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National Conference

Sr. No.	Title of the paper	Name of the Author(s)	Name of the Conference	Date	Location	Listed in Standard Databases (Y/N)			Citations
						Scopus	Web of Science	Google Scholar	
1.	Mid Drive Bicycle	Paramveer Dwivedi, Omkar Gotawale, Ajit Kumar, Aditya Shivam, Prof.Yogesh B. Mandake, Dr.Rajesh M. Holmukhe	5th National Conference on Innovation in Engineering and Technology (NCIET 2025)	8 th -9 th April 2025	Pune	N	N	Y	0
2.	Power generating tile with real time monitoring	Samarth Gosavi, Rushikesh Ambure, Jatin Yadav, Sumit Chavan, Prof.	5 th National Conference on Innovation in Engineering and Technology (NCIET 2025)	8 th -9 th April 2025	Pune	N	N	Y	0

		Mr.Y. B. Mandake, Dr R M Holmukhe							
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Book chapter

Sr. No.	Title of the paper	Name of the Author(s)	Title of book/book chapter published	Month and Year of Public ation	ISBN/ISSN	Listed in Standard Databases (Y/N)		
						Scopus	Web of Science	Google Scholar
1.	Integrating Nanoscience in the Realm of Renewable Energy	Harshada Mhetre, Ankush Goyal, Vikas Kaduskar, Swapnil Namekar, Yogesh Chendake, Ramdas B Khomane	Nanotechnology: Applications for Environmental Protection and Sustainability	May 2025	ISSN: 2523- 8035	Y	N	Y
2.	Revolutionizing Water Purification Through Nanotechnology	Prashant Chau dhari, Vishal Mehtre, Harshada Mhet re, Shivaji Jadhav, Yogesh Chend ake, Ramdas B. Kho mane, and Ravindra K anawade	Nanotechnology: Applications for Environmental Protection and Sustainability	May 2025	ISSN: 2523- 8035	Y	N	Y

Academic Year 2023-24

International Journal

Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue Number	Page Nos.	Month and Year of Publication	ISSN	Impact Factor	Listed in Standard Databases (Y/N)		
									Scopus	Web of Science	Google Scholar
1	Avinash P.Moholkar, Deepak S.Bankar, Parashuram B.Karandikar	Supercapacitor based cost effective hybrid energy storage system with reduction in battery size for diesel generator cold cranking	Indonesian Journal of Electrical Engineering and Computer Science	Vol.31, Issue No.1	Pg.No. 22-32	July 2023	ISSN: 2502 - 4752	2.9	Y	N	Y
2	Sohel Mulla, Paridhi Dahake, Pranav Shelke, Yogesh B. Mandake	Performance Enhancement of BLDC Motor for Electric Vehicle	Indian Journal of Technical Education	Vo.46, Special Issue	Pg.No. 89-97	July 2023	ISSN: 0971 - 3034	-	N	N	Y

		Applications									
3	Harsh Anand, Satyam Biradar, Naveen Prajapat, Shripad G. Desai	Deployment of Serverless Web Application using AWS Services	Indian Journal of Technical Education	Vo.46 ,Special Issue	Pg.No. 253-257	July 2023	ISSN: 0971 - 3034	-	N	N	Y
4	Rupalee Ambekar, R. M. Holmukhe and Shrinivas Ambekar	Performance Analysis of Permanent Magnet Synchronous Motor for Mining Applications – A Review	Journal of Mines, Metals and Fuels	Vol - 71 - Issue - 10	Pg.No. 1793-1798	October 2023	ISSN: 0022 - 2755	--	Y	N	Y
5	Prof. R. S. Ambekar, Mr. Omkar. P. Patil, Prof. Rajesh. M. Holmukhe, Prof. Sonali. V. Patil, Dr. Smita. P. Patil	Design of Super Premium Efficiency Class Induction motors -A Review	European Chemical Bulletin	Vol - 12 - Issue - 8	9938-9949	Nov. 2023	ISSN: 2063 - 5346	--	N	N	Y
6	Aditi Bellam, Rajesh Holmukhe, Rupali Ambekar, S B Abrish Aaditya,	Comparative Study and Analysis of Asymmetry	TuijinJishu/Journal of Propulsion	Vol - 44 Issue -	1748-1756	December-2023	ISSN: 1001 - 4055	--	Y	N	Y

	ParashuramKaran dikar, Jaywant Suryawanshi, Rahul Desai,Shalaka Chaphekar	cal Supercapa citors through Modelling Approach	Technolo gy	6							
7	Jaywant Suryawanshi, Rahul Desai, S B Abrish Aaditya, P B Karandikar, 5Rajesh Holmukhe, R S Ambekar, Aditi Bellam	Mitigation of Heat Dissipation in Ultracapaci tor	TuijinJish u/Journal of Propulsio n Technolo gy	Vol - 44 Issue - 6	724- 732	December- 2023	ISSN: 1001 - 4055	--	Y	N	Y
8	Rahul Desai Rajesh Holmukhe, Diksha Chopade, Rupali Ambekar, Nilesh Pangare, Raviraj Kadam, ParagChaudhari, Mohan Pare, and Hrishikesh Mehta	A FEA Study of the Optimal Magnetic Material for IPMSM Design in EV Application s	TuijinJish u/Journal of Propulsio n Technolo gy	Vol - 44 Issue - 6	377- 386	December- 2023	ISSN: 1001 - 4055	--	Y	N	Y
9	Diksha Chopade,RajeshH olmukhe,Milind Patwardhan, Kalyani Chaudhari, Kanchan Warke, Swati Sagar,	Sustainabl e Energy Assessmen t and Optimizati on for Higher Education	TuijinJish u/Journal of Propulsio n Technolo gy	Vol - 44 Issue - 6	1887- 1896	December- 2023	ISSN: 1001 - 4055	--	Y	N	Y

	Rahul Desai ¹ , Rupalee Ambekar	Institute! A Pathway to Achieve SDG 7 and 12									
10	Diksha Chopade, Rajesh Holmukhe, Rahul Desai, Rupali Ambekar, Nilesh Pangare, Raviraj Kadam, Parag Chaudhari, and Hrishikesh Mehta	Advancing Power Quality: A Multilevel Inverter-Based Shunt Hybrid Active Filter for Optimal Performance in Distribution Systems	TuijinJishu/Journal of Propulsion Technology	Vol - 44 Issue - 6	299-308	December-2023	ISSN: 1001 - 4055	--	Y	N	Y
11	Rajesh Holmukhe, Diksha Chopade, Swati Sagar, Kanchan Warke Kalyani Chaudhari	Energy Audit and Energy Conservation Potential of Medical College	Indian Journal of Technical Education	Vo.46 ,Issue No.3	Pg.No. 1-7	July - September 2023	ISSN: 0971 - 3034	-	N	N	Y
12	Ritika Asati , Deepak S. Bankar , Aishwarya Apte , Amit L. Nehete , Yogesh Mandake	Fuzzy controlled modified reduced switch converter	Indonesian Journal of Electrical Engineering and	Vol. 34, No. 1	Pg.No 50-58.	April 2024	ISSN: 2502 - 4752 , DOI:	-	Y	N	Y

		for switched reluctance motor under dynamic loading	Computer Science				10.1 1591 /ijee cs.v3 4.i1. pp50 -58				
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International Conference

Sr. No.	Title of the paper	Name of the Author(s)	Name of the Conference	Date	Location	Listed in Standard Databases (Y/N)		
						Scopus	Web of Science	Google Scholar
1.	Fault Diagnosis of Power System Component by Wavelet Analysis of Current Signals	Amit L. Nehete, Deepak S. Bankar, Ritika Asati, Cehtan Khadse	14 th ICCCNT IEEE Conference	6th July-8th July 2023	IIT-Delhi	Y	-	Y
2	Design, Optimization, and Performance Enhancement of Switched Reluctance Motor for Pollution-Free Electric Vehicle Application	Kesar Ali, Arbaz Sherkhan Shaikh, Kirti Govind, Javid Navaj Shaikh, Yogesh B. Mandake, and Deepak S. Bankar	International Conference on Renewable Power (ICRP 2023)	28 th - 29 th March 2023 (Publication: 3 rd January 2023)	Nuh, India	Y	-	Y
3	Contingency Analysis for a Solar Energy	Vishal V. Mehtre,	International Conference on Renewable Power	28 th - 29 th March	Nuh, India	Y	-	Y

	Generation System Using Real-Time Data Analysis	Shivani Jitendra Khare, Swapnil Namekar, and D. S. Bankar	(ICRP 2023)	2023 (Publication:3 rd January 2024)				
4	Performance Analysis of Classical Converter Using Different Control Strategies for Switched Reluctance Motor with Dynamic Loading	Ritika Asati and Deepak S. Bankar	International Conference on Renewable Power (ICRP 2023)	28 th - 29 th March 2023 (Publication:3 rd January 2024)	Nuh, India	Y	-	Y

Academic Year 2022-23

International Journal

Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue Number	Page Nos.	Month and Year of Publication	ISSN	Impact Factor	Listed in Standard Databases (Y/N)			UGC Care list
									Scopus	Web of Science	Google Scholar	
1.	Prof. Dr. Datta Chavan, Shashi Kr. Ranjan, Akash Mishra, Vishal Yadav	A Review On Comparison between SEPIC and Multi Level	International Journal of Advanced Research in	Volume :11, Issue :7	Pg.No . 2723-2727	July 2022	2278 - 8875	8.18	N	N	Y	N

		SEPIC Convertor for PV Applicatio n	Electrica l, Electroni cs and Instrume ntation (IJAREE IE)									
2 .	Rahul S. Desai,Rajesh M Holmukhe, AbhishekGandhar , KusumTharani&S hashiGandhar	An enhanced mathemati cal modeling structure of electric machine considerin g the effect of gravitatio nal field	Journal of Interdisc iplinary Mathem atics	Volu me :25, Issue :5	Pg No. 1 to 9	July 2022	ISS N: 0972 - 0502 (Prin t), ISS N: 2169 - 012 X (Onl ine)	-	Y	Y	Y	Y
3 .	Rajesh MarutiHolmukhe, ParikshitGautamJ amdade&Shriniva sGautamraoJamda de	Assesse nt of wind energy potential using Poisson distributio n model - A field study in	Journal of Statistics and Manage ment Systems	Vol 20 22	Pg.No. 1 to 12	July 2022	ISS N 0972 - 0510 (Prin t), ISS N 2169	-	N	Y	Y	Y

		India					- 0014 (Online)					
4.	Aakriti, Harsh Verma, Ashutosh Mishra, Prof.Shripad Desai	Diabetic Disease Prediction Using Machine Learning	Iconic Research and Engineering (IRE) Journals	Volume:6, Issue:1	Pg.No. 88-92	July 2022	ISSN: 2456 - 8880	5.785	N	N	Y	N
5.	Pragya Bansal, Akshat Bhalla,Utkarsh Raj Verma,ShripadG. Desai	Tutor Portal Application Using Cloud Computing and Xampp.	Iconic Research and Engineering (IRE) Journals	Volume:6, Issue:1	Pg.No. 106-111	July 2022	ISSN: 2456 - 8880	5.785	N	N	Y	N
6.	Hrishikesh Jagtap, Shripad G Desai, Rajesh M Holmukhe	Development and Performance Examination of Switch Mode Power Supply based Battery Charger for	Indian Journal of Science and Technology	Volume:15, Issue:25	Pg.No. 1253-1263	July 2022	ISSN: 0974 - 6846	-	N	Y	Y	N

		Electric Vehicle										
7 .	Prof. Yogesh B. Mandake , Dr. Deepak S. Bankar, Shubham Yadav , R.Vishal , Shalabh Singh	Power Theft Detection Using Arduino	International Journal of Innovative Research in Engineering	Volume :3, Issue :4	Pg.No. 60-66	July – August 2022	ISS N: 2582 - 8746	-	N	N	Y	N
8 .	Mr. Swapnil Namekar , Dr. Deepak Bankar , Mr. Vishal Mehtre , Mr. Yogesh Mandake , Dr. Yogesh Chendake	Development and optimization of Dual Non-uniform electric field and Frequency modulation (Dielectrophoresis) technique for cell sorting on the basis of viability	MuktShabd Journal	Volume :XI, Issue :VIII	Pg.No. 529-538	August 2022	ISS N:23 47-3150	-	N	N	Y	N

		and size										
9	Abhishek Gandhar, Rajesh Holmukhe, Phagun Vijay, Madhav Sood, Rudra Sharma, Adarsh Patra	A Novel Cnn Based Smart Mask Detection System	Journal of Pharmaceutical Negative Results	Volume 13 , Special Issue 9	Pg.No. 9598-9605	December 2022	ISS N: Print - 0976 - 9234	0. 13	Y	Y	Y	Y
10	Rupalee S. Ambekar,	Design and Development of High Torque, Compact and Energy Saver PMSM Motor for Hydraulic Applications	International Journal of Electrical and Computer Engineering Systems	Vol - 13 - Issue - 5	Pg. no.39 9-407	July - 2022	1847 - 7003	--	Y	Y	Y	N
11	Shivani Jitendra Khare and R.S. Ambekar	Comprehensive Design and Study on Cogging Torque Reduction	ARAI Journal of Mobility Technology	Vol - 2 - Issue - 3	290-297	May-August 2022	2583 - 3707 (Online)	--	N	N	Y	N

		in Permanent Magnet Synchronous Motors for Electric Vehicle Technology										
1 2	Tottapa M Hasarmani, Rajesh M Holmukhe	Optimum Sizing and Performance Assessment of Modified Energy Efficient Jaggery Unit for Economic Self Sufficiency of Farmers in India	agriTECH	Volume: 42, Issue: 3	Pages: 242-249	August 2022	ISSN 0216-0455 (print) and ISSN 2527-3825 (online)	0.1	N	N	Y	N
1 3	Amar C Pawar, KA Rade, Kaveri Katake, Abhishek Gandhar, Rajesh Holmukhe	Perspectives Of Visualization Of Vibration Quant	Journal of Pharmaceutical Negative Results	Volume 13 Special Issue	Pg.No .8666-8675	Dec 2022	ISSN: Print - 0976	0.1	Y	Y	Y	Y

		Data To Study Effect Of Particle Damping For Gearbox Using Data Analytical Tool: Tableau		9			- 9234 , Onli ne - 2229 - 7723					
14	Prashant Chandrashekhar Malagi, Prof. R. S. Desai, Prof. Dr. R. M. Holmukhe	Zero Net Energy Buildings in India	MuktShabd Journal	Volume XI, Issue XI	Pg.No .1-11	Nov 2022	ISS N NO : 2347 - 3150	0. 1	N	N	Y	N
15	Avinash P. Moholkar, Deepak S. Bankar , Parashuram B. Karandikar	Synthesized carbon material with semi-organic and aqueous electrolyte for supercapacitor application	Indonesian Journal of Electrical Engineering and Computer Science	Vol. 28, No. 2	Pg.No .654-662	Nov 2022	ISS N: 2502 - 4752	0. 27 6	Y	N	Y	N

16	Ritika Asati, Deepak S.Bankar,AmitL. Nehete	Comparative analysis of converter topologies used in switched reluctance motor for high torque electric vehicle application	Materials Today: Proceedings	Volume 72, Part 3, 2023,	Pages 736-740	Sept 2022	ISSN: 2214-7853	2.3	Y	N	Y	N
17	Himanshu Soni and Yogesh B. Mandake	Selection & Development of 5KW Switched Reluctance Motor with Software Simulation	International Journal of Statistics and Reliability Engineering	Volume 10, Issue 1	Pages 99-106	March 2023	ISSN:2350-0174	-	N	N	Y	Y
18	Mr. Yogesh B. Mandake, Dr. Deepak S.Bankar	Selection, Design and Optimization	Journal of Survey	Volume:10 ,	Pages 3942-3948	March 2023	ISSN:2368-	0.182	Y	Y	Y	N

		tionof Switched Reluctanc e Motor Drive System for E- Rikshaw Applicatio n	in Fisheries Sciences	Issue: 1 (S)			7487					
1 9	Shivani Jitendra Khare , Shubham Singh, Siddharth Roy, Yogesh B. Mandake, and Deepak S. Bankar	Analysis and Optimizat ion of Fault - Tolerant Behaviour of Motors in Electric Vehicular Systems	Lecture Notes in Network s and Systems	LNN S,vol ume 671	Pages 23-38	March 2023	ISS N:23 67- 3370	0. 59 5	Y	Y	Y	N
2 0	Pragya Bansal ; Akshat Bhalla ; Utkarsh Raj Verma ; Shripad G. Desai	Tutor Portal Applicatio n Using Cloud Computin g and Xampp.	IRE Journals	Volu me 6 Issue 1	Pages: 106- 111	July 2022	ISS N:24 56- 8880	5. 83	N	N	Y	N

21	Ayush Jha , Lalit Mishra , Riyansh Bharadwaj , Prof. Shripad Desai	Dynamic Wireless Charging for Electric Vehicles	IRE Journals	Volume 6 Issue 12	Pages: 240-244	July 2022	ISS N:2456-8880	5.83	N	N	Y	N
22	Aakriti , Ashutosh mishra , Harsh verma , Prof. Shripad Desai	Diabetic Disease Prediction Using Machine Learning	IRE Journals	Volume 6 Issue 1	Pages: 88-92	July 2022	ISS N:2456-8880	5.83	N	N	Y	N
23	Rakhi S Ambhore, Yogesh B Mandake , Deepak S Bankar	Simulation and Analysis of Performance of SRM by Using Different Controller	Indian Journal Of Science And Technology	Volume 16 Issue 25	Pages: 1910-1917	June 2023	ISS N: 0974 - 6846	-	N	N	Y	N
24	Sangram Gite, R .S. Ambekar, S. B. Abrish Aaditya, Sarang Joshi, P. B. Karandikar	Analysis of asymmetrical supercapacitor with horizontally configured electrodes	Journal of Energy Storage	Vol - 68	Pages: 1-8	May-2023	ISS N:2352-152X	-	Y	Y	Y	N

International Conference

Sr. No.	Title of the paper	Name of the Author(s)	Name of the Conference	Date	Location	Listed in Standard Databases (Y/N)		
						Scopus	Web of Science	Google Scholar
1.	Supercapacitor, superinductor and superconductor as super elements and their applications	Avinash moholkar ,Deepak bankar , Ashish kumarmishra , Anirban nandy and P Bkarandikar	International conference entitled 'Warriors of education'	25February 2023	BestoEdutrx international in collaboration with affiliated educational institutions	Y	-	Y
2	Contingency Analysis for a Solar Energy Generation System using Real Time Data Analysis	Prof. Vishal Mehre	2nd International Conference on “Renewable Power (ICRP-2023)”, Sponsored by HAREDA, Govt. of Haryana and Technically Sponsored by Springer Nature	28 th - 29 th March 2023	Mewat Engineering College (Wakf), Nuh, Haryana	Y	Y	Y
3	Design, Optimization & Performance enhancement of Switched Reluctance	Kesar Ali, Arbaz Sher Khan Shaikh, Kirti Govind,	2nd International Conference on “Renewable Power (ICRP-2023)”,	28 th - 29 th March 2023	Mewat Engineering College (Wakf), Nuh, Haryana	Y	Y	Y

	Motor for pollution free Electric Vehicle application	Javed Shaikh, Yogesh B.Mandake, Deepak s.Bankar	Sponsored by HAREDA, Govt. of Haryana and Technically Sponsored by Springer Nature		na			
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Book Chapter:

Sr. No.	Author (s)	Complete Title of the Article (Book chapter)	Title of the book	Volume & Issue Number	Page Nos.	Month and Year of Publication	ISSN	Impact Factor	Listed in Standard Databases (Y/N)		
									Scopus	Web of Science	Google Scholar
1.	Vishal Mehtre, Swapnil Namekar	Graphene: A Promising Material for Flexible Electronic Devices	Book Title: Advanced Structured Materials Book: Recent Advances in Graphene Nanophotonics	Volume 190	Pg No.83-118	May-2023	1869 - 8433 / 978-3-031-28941-5	-	Y	Y	Y

Academic Year 2021-22

Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue Number	Page Nos.	Month and Year of Publication	ISSN	Impact Factor	Listed in Standard Databases (Y/N)			UGC Care list
									Scopus	Web of Science	Google Scholar	
1	Rishabh Kumar Singh, Ankit Kumar Yadav, Bhanu Pratap Singh, Prof. Yogesh B. Mandake	Design and simulation of Switched Reluctance Motor using ANSYS Maxwell software for Electric Vehicle Application	International Journal of Innovative Research (IJIRSET)	Volume :10, Issue :7	10206 - 10213	July 2021	2319-8753	7.569	N	N	Y	N
2.	Prof. Yogesh B. Mandake, Ashutosh Gupta, Sneha Soni, Arushitiwari	Design and simulation of Switched Reluctance Motor using ANSYS	International Journal of Innovative Research (IJIRSET)	Volume :10, Issue: 7	10093 - 10101	July 2021	2319-8753	7.569	N	N	Y	N

		Maxwell software										
3.	Sujay Lembhe,PurvaD here, Vrajshah,Dr.D. S.Bankar,Prof.Y ogeshB.Mandak e	Design and simulation of Switched Reluctanc e Motor for E-Rikshaw using ANSYS software	Internati onal Journal of Innovati ve Research (IJIRSE T)	Volu me :10, Issue: 7	10218 - 10227	July 2021	231 9- 875 3	7.56 9	N	N	Y	N
4.	Prof.R.S.Desai, Verma Shashikant Rajbhadur, Noman Parvez, Mayank Upadhyay	Hybrid Solar inverter	Internati onal Journal of Research Publicati on and Review	Volu me: 2, Issue: 7	647- 651	July 2021	258 2- 742 1	5.53 6	N	N	Y	N
5.	Rupalee S. Ambekar, Shubham Saket	Arduino Based Solar Tracker	Internati onal Journal of Scientifi c Research &Engine ering Trends	Volum e:7, Issue: 4	2414- 2418	July- August 2021	239 5- 566 X	-	N	N	Y	N

6.	Kunwar Pratoon Singh, Avi Sharan, Akshat Agrawal Rupalee S Ambekar	Transmission line losses with reference to temperature	EPRA International Journal of Research and Development (IJRD)	Volume: 6, Issue: 7	556-563	July-2021	2455-7838	8.013	N	N	Y	N
7.	Ankit Aloni, Yashashwi Raj, Prof. Vishal Mehtre	Compressed Air Energy Storage System	American Journal of Engineering Research (AJER)	Volume: 10, Issue: 7	72-78	July 2021	ISSN: 2320-0847	7.2	N	N	Y	N
8.	Prof. Vishal V. Mehtre, AyushDua, Ashutosh Dua	Operating States of Power System and State Transition Diagram	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	Volume: 9, Issue: 7	145-147	July 2021	ISSN: 2321-2004	6.581	N	N	Y	N

			ing (IJREEI CE)									
9.	Prof. Vishal V. Mehtre, Rajdeep Chaudhary, Jatin Tayal, Vaibhav Krishna	GSM Based Smart controlled Digital Energy Meter with RFID Chip	Internati onal Journal of Innovati ve Research in Electrica l, Electroni cs, Instrume ntation and Control Engineer ing (IJREEI CE)	Volu me: 9, Issue: 7	134-137	July 2021	ISS N: 2321-2004	6.581	N	N	Y	N
10.	Prof. Vishal Mehtre, Purva Dhere, Pandit Shinde	Control of Multi-Terminal DC Transmiss ion Supported Voltage Source Converter	Internati onal Journal of Innovati ve Research in Science, Engineer	Volu me: 10, Issue: 7	10231 - 10235	July 2021	ISS N: 2319-8753	7.569	N	N	Y	N

		s	ing and Technol ogy (IJIRSE T)									
11.	Prof. Vishal V. Mehtre, Mr. Rahul Keshari, Zeeshan Hyder	Symmetri cal and Unsymme trical Faults Analysis	Internati onal Journal of Innovati ve Research in Electrica l, Electroni cs, Instrume ntation and Control Engineer ing (IJIREEI CE)	Volum e: 9, Issue: 7	166- 169	July 2021	ISS N: 232 1- 200 4	6.58 1	N	N	Y	N
12.	Rajdeep Chaudhary, Jatin Tayal, Prof. Vishal V. Mehtre	Fault Analysis	Internatio nal Journal of Innovativ e Research in Electrical,	Volum e: 9, Issue: 7	140- 148	July 2021	ISS N: 232 1- 200 4	6.58 1	N	N	Y	N

			Electronics, Instrumentation and Control Engineering (IJIREEICE)									
13.	Asst. Prof. Vishal V. Mehtre, Shubham Saket, Siddharth Gautam	Contingency Analysis	International Journal of Scientific Research & Engineering Trends (IJSRET)	Volume: 7, Issue: 4	2129-2132	July-Aug 2021	ISSN: 2395-566X	3.24	N	N	Y	N
14.	Prof. Vishal V. Mehtre, Mr. Sidhant Kumar, Mr. Nikhil Kr Singh	Static Security Assessment Of Power System	International Journal of Innovative Research in Electrical, Electroni	Volume: 9, Issue: 7	148-151	July 2021	ISSN: 2321-2004	6.581	N	N	Y	N

			cs, Instru- mentation and Control Engineer- ing (IJIREE CE)									
15.	Prof. Vishal Mehre, Sneha Soni, Rishabh Mishra	Computer Applicatio- ns In Tidal And Wave Energy	Journal of Innovati- ve Research in Electrica- l, Electroni- cs, Instru- mentation and Control Engineer- ing (IJIREE CE)	Volum- e: 9, Issue: 7	161- 163	July 2021	ISS N: 232 1- 200 4	6.58 1	N	N	Y	N
16.	Prof. Vishal V. Mehre, Mr. Tanmay Dalal, Ms Arushi Tiwari	Computer Applicatio- ns in Wind Energy System	Internati- onal Journal of Innovati- ve	Volum- e: 9, Issue: 7	164- 167	July 2021	ISS N: 232 1- 200 4	6.58 1	N	N	Y	N

		Monitorin g and maintenan ce	Research in Electrica l, Electroni cs, Instrume ntation and Control Engineer ing (IJIREEI CE)									
17.	Prof. Vishal V. Mehetre, Vaibhav Krishna, Vaibhav Bhaskar	Flywheel Energy Storage System	Internati onal Journal of Innovati ve Research in Electrica l, Electroni cs, Instrume ntation and Control Engineer ing (IJIREEI	Volu me: 9, Issue: 7	152- 154	July 2021	ISS N: 232 1- 200 4	6.58 1	N	N	Y	N

			CE)									
18.	Swapnil Namekar, Kuldeep Gupta, Niyati Patel, Parth Parikh	Automatic Waste Pickup Cleaner	International Research Journal of Engineering and Technology (IRJET)	Volume: 8, Issue: 7	2664-2668	July 2021	ISSN: 2395-0056	7.529	N	N	Y	N
19.	Rishabh Sharma, Rahul Rai, Nishant Gaurav, Swapnil Arun Namekar	Action Control of DC Motor Using Programmable Logic Controller	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	Volume: 10, Issue: 7	10350 - 10354	July 2021	ISSN: 2319-8753	7.569	N	N	Y	N
20.	Vishal V. Mehtre, Ankit Kumar Yadav, Sumit Mishra	Super capacitor and its applications	International Journal of Innovative	Volume: 9, Issue: 7	175-179	July 2021	ISSN: 2321-200	6.581	N	N	Y	N

			ve Research in Electrica l, Electroni cs, Instrume ntation and Control Engineer ing (IJREEI CE)				4					
21.	Harsh Verma, Ravi Mishra, V. V. Mehtre	Study of the Load Flow Problem in Power System Planning Studies	Internati onal Journal of Innovati ve Research in Electrica l, Electroni cs, Instrume ntation and Control Engineer ing	Volum e: 9, Issue: 7	183- 188	July 2021	ISS N: 232 1- 200 4	6.58 1	N	N	Y	N

			(IJIREEICE)									
22.	Miss Niyati Patel, Prof Vishal V. Mehtre	Fuel cell and their types	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE)	Volume: 9, Issue: 7	194-197	July 2021	ISSN: 2321-2004	6.581	N	N	Y	N
23.	Rishabh Kumar Singh, Sudhanshu Kumar Mishra, Prof. Vishal V. Mehtre	Supercapacitor construction, principle, operation, characteristics, advantages,	International Journal of Innovative Research in Electrical,	Volume: 9, Issue: 7	189-193	July 2021	ISSN: 2321-2004	6.581	N	N	Y	N

		disadvantages and applications	Electronics, Instrumentation and Control Engineering (IJIREEICE)									
24.	NazeeyaTakka laki , Vishal Mehetre , Karnika Dubey	Green computing and energy storage systems	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE)	Volume: 9, Issue: 7	202-208	July 2021	ISSN: 2321-2004	6.581	N	N	Y	N
25.	Prof. Vishal V. Mehrete, Miss Anjali, Mr.	Fundamentals of Data	International Journal	Volume: 9, Issue:	180-182	July 2021	ISSN: 232	6.581	N	N	Y	N

	Sohail	Acquisition System	of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEC)	7			1-2004					
26.	Prof. Vishal V Mehtre, Mr. Rakesh Kumar Mehta, Mr. AyushDua, Mr. Shikar Patel	Review on Solar Charger Based on Microcontroller	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	Volume: 10, Issue: 7	8825-8830	July 2021	ISSN: 2319-8753	7.569	N	N	Y	N

27.	Prof. Swapnil A. Namekar, Satyam Kumar, Harsh Verma, Ravi Mishra	House Cleaning Robot Using Arduino	International Journal of Innovative Research in Science, Engineering and Technology	Volume: 10, Issue: 7	10275 - 10278	July 2021	ISSN: 2319-8753	7.569	N	N	Y	N
28.	Vishal Vaman Mehtre, Verma Shashikant Rajbhadur	Review on Load Flow Analysis	International Journal of Research in Engineering and Science (IJRES)	Volume: 9, Issue: 8	17-19	August 2021	2320-9364	3.541	N	N	Y	N
29.	Ankit Aloni, Prof. Vishal Mehtre, Yashashwi Raj	Smart Circuit Breaker	International Journal for Research in Applied Science & Engineer	Volume: 9, Issue: 7	3152-3157	July 2021	2321-9653	7.429	N	N	Y	N

			ing Technol ogy (IJRASE T)									
30.	Bhanu Pratap Singh,Noman Parvez, Prof.VishalMeh tre, Prof. Dr. D. S. Bankar	Power System Security	Internati onal Journal of Innovati ve Research in Electrica l, Electroni cs, Instrume ntation and Control Engineer ing (IJREEI CE)	Volu me: 9, Issue: 7	215- 218	July 2021	232 1- 200 4	6.58 1	N	N	Y	N
31.	Sumit Mishra ,Shubhanshi Mishra2,Prof. Rupalee S. Ambekar	Automatic Braking System Control	Internati onal Journal of Innovati ve Research in	Vol. 9, Issue 7,	209- 214	July 2021 DOI 10.1714 8/IJIRE EICE.20 21.9739	232 1- 552 6	6.58 1	N	N	Y	N

			Electrical, Electronics, Instrumentation and Control Engineering									
32.	Sarvesh S.Phatak, Yogesh B Mandake, D S Bankar	Development and performance analysis of switched reluctance motor for E- rickshaw	Indian Journal Of Science And Technology	Vol. 14, Issue:3 8	2916- 2933	November 2021	ISSN:0 974 - 684 6	-	N	Y	Y	N
33.	Yogesh B. Mandake, R. M. Holmukhe & Abhishek Gandhar	A novel design of underground distribution cable fault locator system	Journal of Information and Optimization Sciences	Vol.4 3 No:1,	Page No.16 9-176	March 2022	ISSN :025 2- 266 7	-	N	Y	Y	N

34.	Amit Kukker& Rajneesh Sharma	JAYA-Optimized Fuzzy Reinforce ment Learning Classifier for COVID-19	IETE Journal of Research	-	1-12	Feb 2022	ISS N:3 772 063	2.33 8 (sci)	Y	Y	Y	Y
35.	Rahul S. Desai, Rajesh M. Holmukhe&Ab hishek Gandhar	Effect on electroma gnetic field of the electric machine by gravitatio nal field – An innovative investigati on	Journal of Informati on and Optimizat ion Sciences	Vol.4 3 No:1,	Page No. 177-183	March 2022	ISSN :025 2-266 7	-	N	Y	Y	N
36.	Deepu Jha, VispiNevileKar karia, P.B.Karandikar, R.S.Desai	Statistical modeling of hybrid supercapa citor	Journal of Energy Storage	Vol.4 6 No:46 (Elsev ier)	Page No.1-5	January 2022	235 2-152 X	8.90 7	Y	N	Y	N
37.	Arpit Kumar, Siddhant Tiwari, Prof.	Visibility Prediction in	Internatio nal journal of	Vol. 9,Issu e:2	Page No.65 8-665	June 2022	ISS N:2 349	7.17	N	N	Y	N

	Sampat Medhane, Aditya kumar, Dr. Prof. Datta S Chavan, VibhorNamdeo	Different Weather Conditions by Tree-Based Algorithms Using Hyperparameter Tuning	research and analytical reviews (IJRAR)				- 5138					
38.	Rishabh Singh, Rajesh M. Holmukhe, AbhishekGandhar& Karan Kumawat	5D Printing A future beyond the scope of 4D printing with application of smart materials	Journal of Information and Optimization Sciences	Vol. 43 (2022), No. 1,	Page No.155–167	Feb 2022	0252-2667	-	N	Y	Y	Y
39.	R. M. Holmukhe,AbhishekGandhar, Drishti Hans &Pranav V. Paithankar	A simulation study of solar wind hybrid power system	Journal of Information and Optimization Sciences	Vol. 43 (2022), No. 3,	Page no. 601–606	May 2022	0252-2667	-	N	Y	Y	Y
40.	Rajesh M. Holmukhe,Prabhat Kumar, AbhishekGandh	A statistical approach for the managem	Journal of Information and Optimiza	Vol. 43 (2022), No. 3,	Page no.. 487–496	April 2022	ISSN 0252-266	-	N	Y	Y	Y

	ar, Drishti Hans &DikshaChopade	ent of electrical energy consumption of an educational organization	tion Sciences				7					
41.	Rajesh M. Holmukhe, Hitesh Raut, AbhishekGandhar, Drishti Hans & T. S. Hasarmani	Automated load shedding period control system for distribution utility	Journal of Information and Optimization Sciences	Vol. 43 (2022), No. 3,	pp. 587–600	May 2022	ISSN 0252-2667	-	N	Y	Y	Y
42.	DikshaChopade, Rajesh M. Holmukhe&AbhishekGandhar	Energy audit and conservation of Dental college – A case study	Journal of Information and Optimization Sciences	Vol. 43 (2022), No. 3,	pp. 461–474	April 2022	ISSN 0252-2667	-	N	Y	Y	Y
43.	Rajesh M. Holmukhe,AbhishekGandhar, Supadasing R. Chauhan&Mukteswar N. Patil	Power quality analysis of a mechanical industry – A case	Journal of Information and Optimization Sciences	Vol. 43 (2022), No. 3,	pp. 615–627	April 2022	ISSN 0252-2667	-	N	Y	Y	Y

		study										
44.	Rajesh M. Holmukhe, Sachin Suresh Sawant, AbhishekGandhar& T. S. Hasarmani	Practical implemen- tation of 15 level inverter for THD reduction	Journal of Informat ion and Optimiza tion Sciences	Vol. 43 (2022), No. 3	pp. 437–445	April 2022	ISSN 0252-2667	-	N	Y	Y	Y

International Conference

Sr. No.	Title of the paper	Name of the Author(s)	Name of the Conference	Date	Location	Listed in Standard Databases (Y/N)		
						Scopus	Web of Science	Google Scholar
1.	Retrofitting of a Ultracapacitor/Battery Hybrid System to an Electric-Rickshaw for Use in India: A Case Study	S. Tirpude, A. Bharadwaj and R. M. Holmukhe	2nd Global Conference for Advancement in Technology (GCAT), 2021	1-3 October 2021	Banglore, India	Y	-	Y

Academic Year 2020-21

International Journal

Sr. No.	Author (s)	Complete Title of the Article	Title of the Journal	Volume & Issue Number	Page Nos.	Month and Year of Publication	ISSN	Impact Factor	Listed in Standard Databases (Y/N)		
									Scopus	Web of Science	Google Scholar
1.	Vishal V. Mehtre, Prashant Kumar, Kezia Faith Samuel, Ayush Verma	Electric Bike using Lithium ION Battery	International Research Journal of Engineering and Technology (IRJET)	Vol. 7, Issue 7,	Pg No. 662-666	July 2020	ISSN: 2395-0072	7.529	N	N	Y
2.	Prof.YogeshB. Mandake,PiyushaHadke,Rishabhkumartiware,SourabhRaj,Princkumarsingh	Improve battery life of e-vehicle using super capacitor & regenerative braking system	International Research Journal of Engineering and Technology (IRJET)	Vol. 7, Issue 7	Pg No. 662-666	July 2020	ISSN: 2395-0072	7.529	N	N	Y

3.	Mr.Ashutosh Sinha, Mr. Mayank Gupta, Miss Pratibha Ghosh, Mr. Devanshu Kumar, Mrs. Anagha R Soman	Smart Inverter	International Journal of Scientific Research in Engineering and Management (IJSREM)	Vol. 4, Issue 9,	Pg No. 1-8	September 2020	ISSN: 2582-3930	4.106	N	N	Y
4.	Vikash Singh Yadav Jai Vashisth R. S. Desai	E-Highway: A Future Transportation	International Journal of Research in Engineering, Science and Management	Volume-3, Issue-9	Pg No. 56-58	September-2020	ISSN : 2581-5792	4.308	N	N	Y
5.	Shripad G. Desai, Rohan Velhal, Shreyas Sharma, Tauheed Khan, Abhishek Rai, Athar Husain	Design and Application of Solar Module for Electric	International Research Journal of Engineering and	Vol 7, Issue 9	Pg No. 738-743	September-2020	ISSN: 2395-0072	7.52	N	N	Y

		Vehicles	Technology (IRJET)								
6.	Saket Tirpude , Ankit Bharadwaj, Abhiyan Dubey , R M Holmukhe	Analysis of a Function Fitting Neural Network based Control Strategy for a Hybrid Energy Storage System applied to Electric- Vehicles	International Journal of Emerging Trends in Engineering Research	Vol 8, Issue 7	Pg No.29 55- 2962	July 2020	ISS N 234 7 - 398 3	-	N	N	Y
7.	Mansi Mallick, Rahul Sinha, Ankit Gupta, Nimit Jain, Dr.R.MHolmukhe	Automatic Braking System for E- Vehicles	International Journal of Scientific Research in Engineering and Management (IJSRE	Volume: 04 Issue: 09	Pg No.1- 3	Sept - 2020	ISS N: 258 2- 393 0	4.10 6	N	N	Y

			M)								
8.	Saket Tirpude, Ankit Bharadwaj, Rama Sundaram , Sidhartha Mane , Rajesh M Holmukhe	An investigati on into awareness and usage of lead acid batteries in E- rickshaws : A field survey in New Delhi	Indian Journal Of Science And Technol ogy	Volu me No 13, Issue No 33	Pg No.34 67- 3483	Sept - 2020	ISS N: 346 7- 348 3	-	N	Y	Y
9.	Mhetraskar S. S. Swapnil A. Namekar, Dr. Rajesh M Holmukhe	Industrial automatio n using PLC,HMI and its protocols based on real time data for analysis	Internati onal Journal of Advance d Research in Engineer ing and Technol ogy (IJARET)	Volu me No 11, Issue No 10	Pg No.13 53- 1363	October -2020	ISS N: 097 6- 648 0	-	Y	N	Y

10.	TS Hasarmani ,Dr. RM Holmukhe, Dr. YS Kale	Design and developm ent of solar PV- DG hybrid system for reliability enhancem ent of agricultur e microgrid s	Industria l Engineer ing Journal	Vol. XIII & Issue No.12	Pg No32- 38	Decemb er - 2020	ISS N 097 0- 255 5	-	N	N	Y
11.	NikhilSunsara m, Shripad G Desai	Traffic Control System Based on Density	IRE Journals	Volum e:4 Issue:3	Pg.No .61-63	January- 2021	ISS N:2 456 - 888 0	3.56 9	N	N	Y
12.	Shivani Jitendra Khare, Shripad G. Desai	Microcont roller based Solar Tracking system design and grid connected Photovolt aic systems	Internati onal Journal of sustainab le energy and environ mental research	Vol:10 No.1	1-8	January- 2021	ISS N:2 306 - 225 3	-	N	N	Y

13.	Jaywant Suryawanshi , Alok Deep , R. S. Desai , P.B. Karandikar , R. M. Holmukhe	Study Of Parametric Mismatch Of Supercapacitor Materials	Turkish Journal of Computer and Mathematics Education	Vol.12 No.12	1875- 1882	May 2021	130 9- 465 3	-	Y	N	N
14.	Avdhoot Sunil Kulkarni, Prof. R. S. Ambekar	Power Generation from Water in pipeline through Hydro Generator	The International journal of analytical and experimental modal analysis	Vol.13 Issue.5	728- 744	May - 2021	088 6- 936 7	-	N	N	Y
15.	Pranav Kadam, Prof R. S. Ambekar	Hybrid Power Generation Through Combined Solar- Wind Power System vehicle	The International journal of analytical and experimental modal analysis	Vol.13, Issue.5	711- 727	May - 2021	088 6- 936 7	-	N	N	Y

16.	Vishal.V.Mehtre, Mr.Mandar.Balasaheb.Deshmukh, Mr.Shekhar.R.Satras	Application and Design of Solar Photovoltaic System	International Research Journal of Engineering and Technology (IRJET)	Volume: 8, Issue: 6	605-609	June 2021	ISSN: 2395-005	7.529	N	N	Y
17.	Hrishikesh Jagtap, Prof.ShripadG. Desai, Dr.RajeshM.Holmukhe	Partial Development of SMPS based Battery Charging System for Electric Vehicle	Turkish Journal of Computer and Mathematics Education	Volume:12, Issue:6	4908-4917	May 2021	ISSN: 1309-465	-	Y	N	N
18.	Prince Kumar, Shripad G Desai	Interrupts in The Microcontroller	IRE Journals	Volume:4, Issue:10	166-169	April 2021	ISSN:2456-8880	-	N	N	Y
19.	Tayyab Jahngir Patel, Shripad Desai	Electronic Voting Machine Using Arm9 Micro-	IJRES	Volume: 9 Issue:5	14-18	April 2021	ISSN: 2320-9364	-	N	N	Y

		Controller									
20.	Mr. Vishal.V.Mehtre, Mr. Tushar Shukla, Mr. Shekhar Tomar	Technology Tools Use for Mini Hydro Power Plant	International Research Journal of Engineering and Technology (IRJET)	Volume: 8, Issue: 6	2442-2449	June 2021	ISSN: 2395-0056	7.529	N	N	Y
21.	Vishal V. Mehtre, Rupsi Sharma	Flywheel Storage System	EPRA International Journal of Research and Development (IJRD)	Volume: 6, Issue: 6	432-435	June 2021	ISSN: 2455-7838	8.013	N	N	Y
22.	Prof.R.S.Desai	A hybrid model of Solar-Wind Power Generation system	International Research Journal of Engineering and Technology (IRJET)	Volume: 8, Issue: 6	4250-4253	June 2021	ISSN: 2395-0056	7.529	N	N	Y

23.	Datta S Chavan, Swaroop S.Bhosale, Niyati Patel	Supervising flora and fauna of forest using drones	International Journal of Creative Research Thoughts (IJCRT)	Volume : 9, Issue: 5	475-483	May 2021	ISSN : 2320-2882	7.97	N	N	Y
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International Conference

Sr. No.	Title of the paper	Name of the Author(s)	Name of the Conference	Date	Location	Listed in Standard Databases (Y/N)		
						Scopus	Web of Science	Google Scholar
1.	Application of custom power devices for the analysis of power quality indices in power distribution	Dr.V.S.Jape, Dr.D.S.Bankar	International Conference on Computer Technology, Management and it's applications (IC2TMA-2021)	16/4/2021-17/4/2021	Maharashtra Education Society's Institute of Management & Career courses (IMCC), Pune.	Y	N	N
2.	A Smart Algorithm for selection and design of Electromagnet for Electromagnetic Launchers	Navya Raj, Prof.ShripadG.De sai, Kanishk Sharma, Manish Kumar, Hetel Verma	2020 Fourth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud)(I-SMAC)	7/10/2020-9/10/2020	Palladam, India	Y	Y	Y