

JES'S SND College of Engineering and Research Centre, Yeola, Nashik
Research Articles Publication Details
Session 2024-2025

S. No.	Dept.	Title	Authors	Journal (Publisher)	Indexing	Publication Date	ISSN	Impact factor	Vol	Page number
Department of Electrical Engineering										
1	Elec.	Optimal location of electric vehicle charging station and its impact on distribution network: A review	Fareed Ahmad, Imtiaz Ashraf, Atif Iqbal, Irfan Khan	Energy Reports (ELSEVIER)	SCI	11/01/2022	23524-847	5.2	08	2314-2333
2	Elec.	A novel AI approach for optimal deployment of EV fast charging station and reliability analysis with solar based DGs in distribution network	Fareed Ahmad, Imtiaz Ashraf, Atif Iqbal, Irfan Khan	Energy Reports (ELSEVIER)	SCI	11/01/2022	23524-847	5.2	08	11646-11660
3	Elec.	Placement and capacity of EV charging stations by considering uncertainties with energy management strategies	Fareed Ahmad, Imtiaz Ashraf, Atif Iqbal, Irfan Khan	IEEE Transactions on Industry Applications	SCI	08/03/2023	0093-9994	4.4	59	3865 - 3874
4	Elec.	Techno-economic assessment of grid and renewable powered EVCSs in India using a modified metaheuristic technique	Mohd Bilal, Fareed Ahmad, M. Rizwan	Energy Conversion and Management (ELSEVIER)	SCI	15/05/2023	0196-8904	10.4	284	116995
5	Elec.	Placement of EV fast charging stations in distribution network considering power loss, land cost, and electric vehicle population	Fareed Ahmad, Atif Iqbal, Imtiaz Ashraf	Energy Sources, Part A: Rec., Util., and Envir. Effects	SCI	31/03/2022	1556-7036	2.9	44	1693-1709
6	Elec.	Allocation of plug-in electric vehicle charging station with integrated solar powered distributed generation using an adaptive particle swarm optimization	Fareed Ahmad, Mohd Bilal	Electrical Engineering (SPRINGER)	SCI	12/06/2024	0948-7921	1.7	106	2595-2608
7	Elec.	A Comprehensive Analysis of Electric Vehicle Charging Infrastructure, Standards, Policies, Aggregators and Challenges for the Indian Market	Fareed Ahmad, Mohd Bilal	Energy Sources, Part A: Rec., Util., and Envir. Effects	SCI	01/08/2023	1556-7036	2.9	45	8601-8622
8	Elec.	The Optimal Placement of Electric Vehicle Fast Charging Stations in the Electrical Distribution System with Randomly Placed Solar Power Distributed Generations	Fareed Ahmad, Imtiaz Ashraf, Atif Iqbal, Irfan Khan	Distributed Generation & Alternative Energy (River Publisher)	SCOPUS	06/05/2022	1277-1304	-	37	1277-1304
9	Elec.	Techno-economic evaluation and sensitivity analysis of renewable energy-based designing of plug-in electric vehicle load considering load following strategy	Mohd Bilal, Fareed Ahmad, Arshad Mohammad, Mohammad Rizwan	Applied Energy (Elsevier)	SCI	01/01/2025	0306-2619	10.1	377	124557

JES'S SND College of Engineering and Research Centre, Yeola, Nashik
Research Articles Publication Details
Session 2024-2025

10	Elec.	Zernike radial basis neural network control of DC-DC power converter driven permanent magnet DC motor: design and experimental validation	SD Gangula, TK Nizami, Arghya Chakravarty, Fareed Ahmad	Electrical Engineering (SPRINGER)	SCI	21/08/2024	0948-7921	1.7	106	1-14
11	Elec.	Energy management strategies and cost benefits analysis at electric vehicle parking lots incorporating photovoltaic energy generation and energy storage system	Fareed Ahmad, Imtiaz Ashraf, Atif Iqbal, Mohd Bilal, Dinesh M Yadav	Journal of Energy Storage (Elsevier)	SCI	01/07/2024	2352-1538	9.4	92	112105
12	Elec.	Nonlinear Adaptive Neural Control of Power Converter-Driven DC Motor System: Design and Experimental Validation	TK Nizami, S Gangula, A Chakravarty, Fareed Ahmad, A Hoseinpour	Engineering Reports (Wiley)	SCI	2024	2577-8196	1.8	65	13025
13	Elec.	Placement of electric vehicle fast charging stations using grey wolf optimization in electrical distribution network	Fareed Ahmad, Atif Iqbal, Imtiaz Ashraf, Irfan Khan	PESGRE, IEEE	SCOPUS	2022	-	-	-	1-6
14	Elec.	Optimal location and energy management strategy for EV fast charging station with integration of renewable energy sources	Fareed Ahmad, Imtiaz Ashraf, Atif Iqbal, Irfan Khan	SILCON, IEEE	SCOPUS	2022	-	-	-	1-6
15	Elec.	Optimal Siting and Sizing Approach of Plug-in Electric Vehicle Fast Charging Station using a Novel Meta-heuristic Algorithm	Fareed Ahmad, Atif Iqbal, Imtiaz Ashraf, Irfan Khan	ICEFEET, IEEE	SCOPUS	2022	-	-	-	1-6
16	Elec.	Electric vehicle fast charging station location and capacity planning model using butterfly optimization algorithm	Fareed Ahmad, Imtiaz Ashraf, Atif Iqbal, Mohd Bilal	REEDCON, IEEE	SCUPUS	2023	-	-	-	145-150
17	Elec.	Optimal location of Electric Vehicle Rapid Charging Stations in Power Distribution Network and Transportation Network with V2G Strategies	Fareed Ahmad, Atif Iqbal, Imtiaz Ashraf, Mousa Marzband, Irfan Khan	ITEC-INDIA, IEEE	SCOPUS	2021	-	-	-	1-5
18	Elec.	Techno-Economic Approach for the Optimal Deployment of Plug-in Electric Vehicle Charging Stations	Fareed Ahmad, PC Tapre, FI Bakhsh, Mohd Bilal, Atif Iqbal, TK Nizami, US Ansari	SEFET, IEEE	SCUPUS	2024	-	-	-	1-6
19	Elec.	Comprehensive Analysis and Comparison of DAB and CLLC Converters for EV Application	Sajid Chowdhary, Farhad Ilahi Bakhsh, Fareed Ahmad, Zubair Ansari	SEFET, IEEE	SCUPUS	2024	-	-	-	1-6

JES'S SND College of Engineering and Research Centre, Yeola, Nashik
Research Articles Publication Details
Session 2024-2025

20	Elec.	Power Converter Applications in Electric Vehicle Charging: Exploring Matrix Converters for Grid-to-Vehicle (G2V) Charging Infrastructure	Shah Faisal, Govind Rai Goyal, Dilawar Husain, Fareed Ahmad	SEFET, IEEE	SCUPUS	2024	-	-	-	1-6
21	Elec.	Optimal Sizing of Renewable Generation and Battery Energy Storage System for Electric Vehicles Considering Energy Management Strategy	Atif Iqbal, Mohd Bilal, Fareed Ahmad, Rashid Alammari	ITEC-INDIA, IEEE	SCOPUS	2023	-	-	-	1-6
22	Elec.	Placement of FCS Considering Power Loss, Land Cost, and EV Population	Fareed Ahmad, Imtiaz Ashraf, Atif Iqbal	PIECON, IEEE	SCUPUS	2023	-	-	-	1-6
23	Elec.	A Comprehensive Review for the Optimal Deployment of Plug-In Electric Vehicle Charging Station with Solution Techniques	Fareed Ahmad, Imtiaz Ashraf, Atif Iqbal, Irfan Khan	Book chapter, SPRINGER	SCUPUS	2022	-	-	-	187-197
24	Elec.	Technical and economic evaluation of renewable powered electric vehicle charging loads for New Delhi region	M Bilal, Fareed Ahmad, Arshad M, M Rizwan	Book chapter, CRC Press	SCOPUS	2024	9781003	-	-	255-272
25	Elec.	Ecological Footprint of Electric Vehicle Charging Infrastructure	Shah Faisal, Dilawar Husain, US Ansari, BP Soni, Fareed Ahmad	Book chapter, SPRINGER	SCUPUS	2024	-	-	-	63-78
26	Elec.	Transient Stability on Power Flow Using 9 Bus System	Shreya Balapure	IRJET	-	06/06/2021	23950072	7.529	8	1357-1362
27	Elec.	Brain Cancer Cell Classification Machine	Shreya Balapure, Atul Kale, Dushyant Pawar, Ananta Bombatkar	Patent	-	02/10/2023		-		83256
28	Elec.	Farmer Friendly Solar Based Electric Fencing for Rural Agriculture	Tapre P.C., Phiske S.G, Lukare Y.V.	The Official Journal of the Patent Office	-	21/06/2024	20242	-	25	55294
29	Elec.	An ingenious MMC topology appropriate for motor drives across their entire frequency spectrum	Pawan C. Tapre, Manoj Dhondiram Patil, Mohan P. Thakre, Haridarshan S. Sonawane, Sunil Somnath Kadlag, Deepak P. Kadam	Bulletin of Electrical Engineering and Informatics	SCOPUS	June 2023	2302-9285	-	12	1397~1412
30	Elec.	A novel pulse charger with intelligent battery management system for fast charging of electric vehicle	Pawan C. Tapre, Sunil Somnath Kadlag, Mohan P. Thakre,	Bulletin of Electrical	SCOPUS	June 2023,	2302-9285,	-	12	1388~1396

JES'S SND College of Engineering and Research Centre, Yeola, Nashik
Research Articles Publication Details
Session 2024-2025

			Rahul Mapari, Rahul Mapari, Deepak P. Kadam	Engineering and Informatics						
31	Elec.	Pulse charging based intelligent battery management system for electric vehicle	Pawan C. Tapre, Sunil Somnath Kadlag, Rahul Mapari, Mohan Thakre, Deepak Kadam, Dipak Dahigaonkar	Bulletin of Electrical Engineering and Informatics	SCOPUS	August 2023	2302-9285,	-	12	1947~1959
32	Elec.	Design of an Electric Motorcycle with a focus on reliability and performance	P C. Tapre, A A. Bhadre, P N. Patil, AK. Mishra, HP. Ghongade	Eur. Chem. Bull.,	SCOPUS	Sept. 2023		-	12	4478 – 4491
33	Elec.	Implementation of a P&E management system for a dual-source EV powered by different batteries	P C. Tapre, M P. Thakre, S S Kadlag, D P Kadam	Bulletin of Electrical Engineering	SCOPUS	December 2023	2302-9285	-	12	3190~3201
34	Elec.	Integration of storage technology oversight: power system and computer engineering analogy	P C. Tapre, M P. Thakre, P M. Thakre, R S. Pawase, S S Kadlag	Bulletin of Electrical Engineering and Informatics	SCOPUS	December 2023	2302-9285,	-	12	3228~3237
35	Elec.	The novel strategy of electrical arc furnace design and control approach for voltage flicker investigation	Pawan C. Tapre, Mohan P. Thakre, Deepak P. Kadam, Mousam Sharma	Bulletin of Electrical Engineering and Informatics	SCOPUS	December 2023	2302-9285	-	12	3179~3189
36	Elec.	New control scheme for a dynamic voltage restorer based on selective harmonic injection technique with repetitive controller	P C. Tapre, M P. Thakre, S S Kadlag, S Khule	Bulletin of Electrical Engineering	SCOPUS	June 2024,	2302-9285	-	13	2109~2121
37	Elec.	Performance Analysis of Bagasse based sugar cogeneration power plant in grid electricity generation	Pawan C. Tapre, Samsher Shaikh, Manish Jain	Journal of Electrical System	SCOPUS	June 2024	----	----	----	3056-3063
Department of Mechanical Engineering										
1	Comp.	Deepfake Video Detection Using Machine Learning	Sonawane M. J., Munde S, Gaikwad K, Sathe M, Jadhav Y	IJARST	DOI	10/11/2024	2581-9429	7.53	04	----

JES'S SND College of Engineering and Research Centre, Yeola, Nashik
Research Articles Publication Details
Session 2024-2025

2	Comp.	Mental Health Identification System	Sonawane M.J.,pardeshi P, Daund S, S Amruta	IJARSCT	DOI	10/11/2024	2581-9429	7.53	04	-----
3	Comp.	Crop Recommendation System Using ML Algorithms	Sonawane M,Shaikh M,Dange A, Kaklij R.	IJARSCT	DOI	10/12/2023	2581-9429	7.301	03	-----
4	Comp.	Crop Recommendation System Using ML Algorithms	Sonawane M,Shaikh M, Dange Aniket,Kaklij Rutuja.	International Journal of Creative Research Thoughts	DOI	3/4/2024	2320-2882	7.97	12	-----
5	Comp.	Monitoring of tomato plant health through convolutional neural networks computer engineering.	Ravindra Pandit Shivani Shinde Dr.Umesh Pawar Ramesh Daund	Journal of Eco-friendly Agriculture 19(2)	NA	02/07/2024	2229-628X		19	-
6	Comp.	Farming Assistant Web Application Service	R Pandit S Bagale A Hake M Gangurde	IJARSCT	NA	May 2023	2581-9429	7.3	3	-
7	Comp.	A Survey Paper on Comparative Study of Autonomous Pesticide Spraying Robot	Ravindra Pandit Ramesh Daund Shital Ubale	IJARSCT	NA	Dec 2023	2581-9429	7.3	3	-
8	Comp.	Blood group detection by using fingerprint	Ravindra Pandit Gayatri pagare Punam mane	IJARSCT	NA	Nov 2024	2581-9429	7.5	4	-
9	Comp.	Revolutionizing sports education using AI & ML	Ravindra Pandit Om Salunkhe Tirse Sidhesh	IJARSCT	NA	Nov 2024	2581-9429	7.5	4	-
10	Comp.	Air Handwriting by Using CNN Model	Prof. Gade S. A	IJARSCT	NA	November 2024	2581-9429	7.53	4	-
11	Comp.	AI-Based Environmental Monitoring System with Farm Automation	Prof. Gade S. A	IJARSCT	NA	November 2024	2581-9429	7.53	4	-
12	Comp.	Deep Learning Based Leaf Disease Detection	P V Kurhe , S A Shinde, S A Gade		Scopus	2024	0923-4748		74	472
13	Comp.	SMART ATTENDANCE SYSTEM USING RFID	Prof. Kurhe P.V,Sakshi Shinde, Akshada Shejwal, Pooja S	IRJMET	NA	May-23	2582-5208	7.868	5	453
14	Comp.	A Survey Paper on diagnosis of chronic kidney disease Using Machine Learning Methods	Kurhe P.V.,Rasheed Shaik, Prof Daund R. P, Dr Pawar U. B	GIS SCIENCE JOURNAL	NA	2023	1869-9391	-	10	454

JES'S SND College of Engineering and Research Centre, Yeola, Nashik
Research Articles Publication Details
Session 2024-2025

15	Comp.	Wild Animal Intrusion Detection	Kurhe P. V., Pandore S, More P , Surashe S, Unawane P	IJARST	IJARCC E	Apr-24	2278	8.102	13	405
16	Comp.	Efficient Attendance Tracking System: Face Recognition And Reporting Via Opencv	Kurhe P. V., Gade S. A., Rupali D. Kudal	International Journal of Creative Research Thoughts	An International Open Access	4-Apr-24	2320-2882	-	12	a791
17	Comp.	IOT BASED FLOOD DETECTION AND ALERT SYSTEM	Kurhe P.V, Giri Princekumar, Wagh Mansi	International Journal of Creative Research Thoughts	An International Open Access	4-Apr-24	2320-2883	-	12	C631
18	Comp.	Hate Speech Detection on Twitter Using ML Algorithm	Gadhe M V, Kurhe Prajakta	International Journal of Research and analytical Review	-	May-23	2349-5138	-	10	465
19	Comp.	Education Data Mining	Ansari Sameena,	Data Minig	RJSE	4 April 2019	ISSN: 2456-9976	-	03	487-491
20	Comp.	Education Data Mining	Ansari Sameena	Data Minig	RJSE	10 july 2019	-	-		-
21	Comp.	Online Rentals Things	Ansari Sameena	Android Application	IJARSC T	December 2023	2581-9429	-	03	-
22	Comp.	Android Application for Online Fertilizer Selling and Accounting	Ansari Sameena	Android Application	IJARSC T	2, February 2024	2581-9429	-	04	-
23	Comp.	Sport & Conference hall booking System with IOT enable real time display	Ansari Sameena	IOT	IJORPR	Nov 2024	2582-7421	-	05	1995-1999
24	Comp.	Android Based Academic Performance Monitoring System For Parents/Guardians	Ansari Sameena	Android Application	IJARSC T	November 2024	2581-9429	-	04	262-267
25	Comp.	Machine Learning Methods for Detecting IoT Botnet Attacks	Narode Priyanka. P.1 , Prof. Kanade Poonam. G.2	GIS SCIENCE JOURNAL	DOAJ	2023	1869-9391	6.1	10	90
26	Comp.	Early Prediction on Students Performance	Kanade. P. G1 and Priyanka Achat	IJARST	DOI	November 2024	2581-9429	7.53	4	
27	Comp.	Question Paper Generation using Bloom's Taxonomy	Kanade P. G.1 , Jayesh Gudaghe,	IJARST	DOI	November 2024	2581-9429	7.53	4	

JES'S SND College of Engineering and Research Centre, Yeola, Nashik
Research Articles Publication Details
Session 2024-2025

28	Comp.	AI-Based Object Detection, Distance Measurement and Speaking System for Blind Stick	Aditya Bilware, Tejas Darunte, Tanvi Dighe, S Ghuge, P Kanade	IJARST	DOI	November 2024	2581-9429	7.53	4	
29	Comp.	A Survey Paper On Efficient Machine Learning Technique For Deep Fake Detection	Gursal Prabodhini S. 1 , Prof. Gade S. A. 2	IJCRT	DOI	November 2024	2320-2882	7.97	12	
30	Comp.	E-Commerce Web Application For Agricultural Products using Flutter And Cloud Technologies.	Gaikwad Shraddha Arun	Web Application	IJCRT	4 April 2024	2320-2882		12	569
31	Comp.	E-Commerce Website For Agricultural Products using Flutter And Cloud Technologies.	Gaikwad Shraddha Arun	Website	IJARSC T	December 2023	2581-9429	2.301	3	691
Department of Electronics and Computer Engineering										
1	E&C	Schrodinger wave function in quantum well in MODFET and related device characteristics under illumination	P.K. Singh and B.B. Pal	Proc. of the SPIE - The International Society for Optical Engineering	SCI	1999	0277-786X	2.8	-	252-259.
2	E&C	Effect of illumination on Schrodinger wave function in quantum well in MODFET and related device characteristics	P.K. Singh and B.B. Pal	Solid State Electronics (Elsevier)	SCI	1999	0038-1101	1.4	43	1833-1843
3	E&C	Effect of signal modulated optical illumination on Schrodinger wave function in quantum well in MODFET and related device characteristics	P.K. Singh and B.B. Pal	Journal of Applied Physics (AIP)	SCI	Oct. 1, 2000	0021-8979	2.286	88	4324-433
4	E&C	Agricultural crop recommendation system using machine learning	A Ritika, C Surabhi, P.K.Singh	IARJSET	UGC care	April 2024	2393-8021	8.066	11	75-77
5	E&C	Review of Machine Learning Techniques for Prediction of Delay in Flights	S Tyagi, P Saharawat, & P.K.Singh	JETIR	UGC Care	October 2023,	(ISSN-2349-5162).	7.95	10	154-b157.
6	E&C	Transaction Security in RFID Credit Card by Polynomial Arithmetic along with Euclidean Parameters,	Rohit Sharma, Anuj K. Agarwal and P.K.Singh	International Journal of Engg. & Tech.	Scopus	Aug.-Sept.2015.	2395-1303	6.088	7	1194-1199,
7	E&C	The Simulation and Analysis of RC4 and 3DES Algorithm for Data Encryption in RFID Credit Card	Rohit Sharma and P.K.Singh	IJAER	Scopus	2015	0973-4562	0.2	10	4265-4273,

JES'S SND College of Engineering and Research Centre, Yeola, Nashik
Research Articles Publication Details
Session 2024-2025

8	E&C	Binomial Array of Three Elements Microstrip Antenna for Sidelobe Reduction	P.K.Singh	Electronics & Communication Engineering	UGC care	Jan.-Feb. 2019	2278-8735,	3.12	14	17-21.
9	E&C	Design of a binomial array of 4-elements rectangular microstrip patch antenna with high gain for 2.4 GHz applications,	P.K.Singh and Amit Chaudhary,	IJOER	UGC Care	March-April 2016.	2321-7758,	6.53	4	188-191,
10	E&C	Cryptographically Secure Encryption Model for RFID Credit Card	Rohit Sharma, P.K.Singh,	Elixir International Journal of Electronics Engineering	UGC care	Dec.2013.	2229-712X,	5.1	65	19844-19846
11	E&C	Advancement in RFID security by proposed frame work utilizing random bit generator and sensor network	Rohit Sharma, Anuj K. Agarwal and P.K.Singh,	IJACR	Scopus	Sept.2015.	2249-7277	1.072	05	321-326
12	E&C	Data Security by (Information XOR Image) along with High Capacity Encryption to Overcome Steganography	Rohit Sharma, Anuj K. Agarwal and P.K.Singh	IJCIR	UGC care	2015.	0973-1873	1.736	11	27-36,
13	E&C	An Exploration of Various Routing Protocols for WSN	Arpit Tyagi and P.K.Singh	IJREC	UGC care	April-June 2019	2393-9028	4.305	7	2739-2744.
14	E&C	Various Routing Protocol for VANET	Akansha Bhati and P.K.Singh	IJREC	UGC Care	April-June 2019	2393-9028	4.305	7	2734-2738.
15	E&C	Use of Classification for Fast Fractal-based coding in the Wavelet Domain	D. M Yadav, D. S. Bormane	Internation Conference		2008	-	-	1	187
16	E&C	Multi layered Beat Basis Image compression	D. M Yadav, D. S Bormane	IEEE	Scopus		0769-3050		3	79-8-83
17	E&C	Evolution of Pure Fractal and Wavelet-Fractal Image Coding Techniques	D. M Yadav, D. S Bormane	Eziph	-	2008	-	-	8	37-44
18	E&C	A Novel Hybrid Fractal-Wavelet Image Coder	D. M Yadav, D. S Bormane	IJERIA	-	2008	0974-1518	-	1	37-49
19	E&C	Effective Still Image Coding Using Merging Fractal in Wavelet Domain Using Modified Set Partitioning In Hierarchical Tree	D. M Yadav, D. S Bormane	International Journal	-	-	-	-	-	-
20	E&C	Vocabulary Speech Recognition system	D. M. Yadav, Sweta Patil	IJSRES	-	June-2015	2278-0882	-	2	-
21	E&C	Clustering and collaborative filtering methods	D. M. Yadav, Gaystri Pawar	Engineering research	-	-	2395-1621	-	1	-

JES'S SND College of Engineering and Research Centre, Yeola, Nashik
Research Articles Publication Details
Session 2024-2025

22	E&C	Historical Overview: Techniques of Super-Resolution Image Reconstruction	D. M. Yadav, Gaystri Pawar	IJACIT	-	2015	2005-8039	-	-	548-555
23	E&C	A Comprehensive Study of Different image super resolution Reconstruction Algorithms	D. M. Yadav, Gaystri Pawar	IJARET	-	-	0976-6499	-	-	124-133
24	E&C	Computational Analysis of Different Image Super-Resolution Algorithms	D. M. Yadav, Gaystri Pawar	International Journal of Computers & Technology	-	2013	2277-3061	-	4	-
25	E&C	Multi-frame Super Resolution Reconstruction and Image Quality Assessment of Different Gray Scale Images	D. M. Yadav, Netra Lokhande	ICRTET'2014	-	2014	978-93	-	2	947-954
26	E&C	Computational Analysis of Different Image Super Resolution Reconstruction Algorithms	D. M. Yadav, Netra Lokhande	CIRIJCT	-	2014	2277-3061	-	4	120-124
27	E&C	An Efficient LED Lighting Control System Using WSN for Indoor Environment	R Meenakshi, D. M. Yadav	IJIRS	-	-	-	-	4	-
28	E&C	A Clustering Based Hybrid Recommendation System for Services in Big Data	Pawar G. A., D. M. Yadav	IJSR	-	-	-	-	5	1911-1915
29	E&C	A Comprehensive study of Different Image Super-Resolution Reconstruction Algorithms	D. M. Yadav, Netra Lokhande	IJARET	-	2014	0976 – 6480	-		124-133
30	E&C	Historical Overview: Techniques of Super-Resolution Image Reconstruction	D. M. Yadav, Netra Lokhande	IPA Journals	-	2012	2277-9140		-	-
31	E&C	GUI based Multi-frame Super-Resolution Reconstruction and Image Quality Metrics of Different Gray Scale Images	D. M. Yadav, Netra Lokhande	MJRET	-	2014	-	-	1	23-32
32	E&C	A Review on fMRI Signal Analysis and Brain Mapping Methodologies	Raut, S. V., D. M. Yadav	Springer Conference	-	2016	-	-		309-320
33	E&C	A Clustering Based Hybrid Recommendation System for Services in Big Data	Pawar G. A., D. M. Yadav	IJSR	-	-	-	-	5	1911-1915
34	E&C	Retinal Fundus Image for Glaucoma Detection: A Review and Study	Shilpa Kanse, Yadav D. M	De Gruyter Stockholm University	-	2016	-	-	-	-

JES'S SND College of Engineering and Research Centre, Yeola, Nashik
Research Articles Publication Details
Session 2024-2025

35	E&C	Machine Learning Based Method for Alzheimer's Disease Detection	Preeti Topannavar, D. M. Yadav	IJETSR	-	2017	2394–3386	-	4	-
36	E&C	Performance of Bluetooth in Homogeneous Environment	D. M. Yadav, A. S. Shirsath	IJSR	-	2018			7	506-510
37	E&C	Performance of Bluetooth in the presence of 802.11b	D. M. Yadav, A. S. Shirsath	IEEE	-	2018		-		8-9
38	E&C	Analysis and Literature Review of IEEE 802.16e (MobileWiMAX) Security	Geetika Nrang, D. M. Yadav	IJEAT	-	2012	2249 – 8958	-	1	-
39	E&C	Puzzel based approach for solving Denial of Service Attack in mobile Wi-max	Geetika Nrang, D. M. Yadav	IJANS	-	2014	-	-	2	-
40	E&C	Statistical Measures in Pre-processing of Detection of Macrocalcification in Mammograms	Neha Shahare, Yadav D. M	IJCTA	-	2017	-	-	10	293-298
41	E&C	Clustered Micro-calcifications Extraction from Mammogram Images Using Cellular Automata Segmentation with Anisotropic Diffusion Filtering	Neha Shahare, Yadav D. M	IJSTR	-	2020	-	-	9	2277-8616
42	E&C	An Automatic Detection of Micro calcification mammogram Images using Neuro-Fuzzy classifier	Neha Shahare, Yadav D. M	IJBET	SCUPUS		-	-	-	-
43	E&C	Clustered micro-calcifications extraction from mammogram images using cellular automata segmentation with anisotropic diffusion filtering	Ganvir, N. N., D. M. Yadav,	IJSTR	-	2020	-	-	9	1217–1221
44	E&C	Statistical Measures in Pre-processing of Detection of Macrocalcification	A. S. Shirsat, D. M. YADAV	-	-		-	-	-	-
45	E&C	Time frequency training OFDM for MIMO systems for data rate and spectral efficiency	A. S. Shirsat, D. M. Yadav	JARDCS	-	2019	-	-	11	730–735
Department of Civil Engineering										
1	Civil	EFFECT OF SOIL - STRUCTURE INTERACTION ON SEISMIC RESPONSE OF BUILDING	Vaishya Rahul B *, Prof. Nikam P.A.;	International Inventive Multidisciplinary Journal	-	12/31/2017	3487135	-	5	-

JES'S SND College of Engineering and Research Centre, Yeola, Nashik
Research Articles Publication Details
Session 2024-2025

2	Civil	STABILIZATION OF BLACK COTTON SOIL USING COIR PITH AND FLY ASH	Pardeshi Arati G , Ahire Akshay R., More Gayatri S. and Prof. Nikam P.A.;	IJMTER	-	4/26/2018	2349- 9745	-	5	-
3	Civil	Structural Analysis of Multi-Storied Building For Different Plan Configuration For Different Types of Soil Considering Equivalent Strut Approach- Review Paper (6th International Conference on Recent Trends in Engineering & Technology)	Nilesh Sanjiv More,Nikam P. A.,Jadhav R. M.;	ICRTET- Conference	-	5/31/2018	2454- 9150	-		-
4	Civil	FUNCTIONALLY GRADED CONCRETE: AN EXPERIMENTAL ANALYSIS	Sana Kausar M.Y, Nikam P.A.;	International Research Journal of Engineering and Technology (IRJET)	-	10/31/2018	2395- 0056	-	5	-
5	Civil	Comparative Study of with & Without Shear Wall for Drift & Displacement	Gayake Prasad R., Prof. Nikam P. A.;	IJAERD	-	30/2/2018	2348- 6406	-	5	-
6	Civil	Comparative Study of shear wall by using displacement and drift parameter	Prof. Nikam P. A., Gayake Prasad R.;	International Journal for Scientific Research & Development	-	6/2/2018	2321- 0613	-	6	-
7	Civil	EFFECT OF INFILL WALL STIFFNESS VARIATIONS ON THE BEHAVIOUR OF RC BUILDING UNDER THE INFLUENCE OF SEISMIC DEMANDS	Sagar S Kumavat, Prof. Pravin A. Nikam;	IRJET	-	30/2/2019	2395- 0072	-	6	-
8	Civil	Study of Lateral Load Resisting System For High Rise Building Analysis	Mr. Nimit Moza, Prof. Pravin Nikam;	Resincap Journal of Science and Engineering	-	8/1/2021	2456- 9976	-	4	-
9	Civil	Analytical Study On Retrofitting Techniques On Tapered And Rectangular Column	Mr. Kailashkumar Parmar, Prof. Pravin Nikam;	Resincap Journal of Science and Engineering	-	8/2/2021	2456- 9976	-	4	-
10	Civil	Seismic analysis of vertically irregular buildings	Rahman, Shaikh Abdul Aijaj Abdul; Salik, Ansari US;	IJCIET	-	11/25/2016	0976- 6316	-	111	-
11	Civil	Seismic analysis of vertically irregular RC building frames	Shelke, Ravindra N; Ansari, U;	Int. J. Civil Eng. Technol	-	1/8/2017	0976- 6316	-	8	-

JES'S SND College of Engineering and Research Centre, Yeola, Nashik
Research Articles Publication Details
Session 2024-2025

12	Civil	Analysis of Floor Diaphragm in Multi– Storied Reinforced Concrete Building	Pramod, Jadhav Anupriya; Karale, SA; Ansari, US;	IARJEST	-	Mar-17	2394- 1588	-	4	-
13	Civil	flow over side weirs with experimental and CFD results	Ansari U S, Patil LG;	IJEAT	-	Oct-19	2249 – 8958	-	9	-
14	Civil	Numerical analysis of triangular labyrinth side weir in triangular channel	Patil, U.S. Ansari & L.G.;	ISH Journal of Hydraulic Engineering	-	29 Jan 2020.		-		-
15	Civil	Comparison Of Rcc Building With And Without Floating Column Under Seismic Behavior	Sanjay, Kalantri Krishna; Karale, SA; Ansari, US;	IJRAS	-	Jul-17	2394- 4404	-	4	-
16	Civil	Progressive Collapse Of Structure On Sloping Ground	Manohar, Agrawal Akshata; Karale, SA; Ansari, US;	IJRAS	-	Jul-17	2394- 4404	-	4	-
17	Civil	Retaining Structure for Erosion Control in Coastal Region: Realistic Case Study of Udwada Coast	Kacha, AK; Ansari, US;	IARJSET	-	Sep-16	2394- 1588	-	3	-
18	Civil	CFD an effective tool for complex hydraulic problems	Ansari, US; Patil, LG;	Resincap Journal of Science and Engineering	-	Dec-17	2456- 9976	-	1	-
19	Civil	The Study of Elastic & Mechanical Properties of GGBS-Cement Concrete.	Pawar, Miss Sonali Govind; Student, PG; Ansari, US;	Resincap Journal of Science and Engineering	-	Apr-21	2456- 9976	-	5	-
20	Civil	Effect of Metakaolin Content on the Properties of high Strength Concrete.	Musab, Ansari; Student, PG; ANSARI, US;	Resincap Journal of Science and Engineering	-	Apr-21	2456- 9976	-	5	-
21	Civil	Manual Design Comparison of Stresses in Castellated Beam Using Ansys.	Gade, Mr JP; Ansari, US;	Resincap Journal of Science and Engineering	-	Aug-21	2456- 9977	-	4	-
22	Civil	TREATMENT OF DAIRY WASTE WATERBY RICE HUSK ACTIVATED CARBON	Sonawane S S , L M, Zagade Saurav, Wagh Zailsingh, Sanap S.T	IJSRD	-	-	2321- 0613	-	-	-
23	Civil	Study on effect of damper on high rise structure	Mudbakhe A. A, Sanap S. T	International Journal of Engineering and Techniques	-	-	2395- 1303	-	-	-

JES'S SND College of Engineering and Research Centre, Yeola, Nashik
Research Articles Publication Details
Session 2024-2025

24	Civil	Analysis of Electrical Conductivity of Ground Water at Different Location for Crop Suitability of Pimpri Village	Kote K , Vakte Daulat, Turkane V B; Thorat A A, Sanap S. T,	IJSRD	-	-	2321-0613	-	-	-
25	Civil	Flexural Analysis of Composite Beam using Various Boundary Conditions	Kunal L. Shiledar, S. A Karale,Rohit K. Pote	International Journal of Engineering Research & Technology	-	-	2278-0181	-	-	-
26	Civil	Design and Analysis of Monolithic Dome Structure	Rahul Amol Dighe Vaibhav Badhe G Damale Pote R.K.	IJSRD	-	-	2321-0613	-	-	-
27	Civil	Design of Beam-Column Junction	Pote.R.K , Raundal.P.S,Kshirsagar.S.R,Sanap.S.S	Resincap Journal of Science and Engineering	-	-	2456-9976	-	-	-
28	Civil	Evaluation of Flexural Properties of Geopolymer Concrete Beam With Polypropylene Fibre.	Rohit Pote, Aniket Mehetre,Hitesh Patil,Kunal Kekan	Resincap Journal of Science and Engineering	-	-	2456-9976	-	-	-
29	Civil	SEISMIC RESITANCE ANALYSIS AND DESIGN OF MULT YSTORY BUILDING	Rohit K.Pote, Nihal Shaikh, Hrushikesh Bhuse, Gokul Kamodkar	International Journal of Scientific Engineering and Science	-	-	2456-7361	-	-	-
30	Civil	Sludge Use in Concrete as a Replacement of Cement	Mandlik, AD; Karale, SA;	IJREAM	-	-	2454-9150	-	-	-
31	Civil	Analysis of Floor Diaphragm in Multi– Storied Reinforced Concrete Building	Pramod, Jadhav Anupriya; Karale, SA; Ansari, US;	IARJSET	-	-	2394-1588	-	-	-
32	Civil	Progressive Collapse Of Structure On Sloping Ground	Manohar, Agrawal Akshata; Karale, SA; Ansari, US;	IJRAS	-	-	2394-4404	-	-	-
33	Civil	Comparison Of Rcc Building With And Without Floating Column Under Seismic Behavior	Sanjay, Kalantri Krishna; Karale, SA; Ansari, US;	IJRAR	-	-	2349-5138	-	-	-
34	Civil	Suitability of Fixed Base and Pinned Base PEB Structure with Pile Foundation.	Gawali, Mr Suhas Pandurang; Student, PG; Karale, SA;	Resincap Journal of Science and Engineering	-	-	2456-9976	-	-	-

JES'S SND College of Engineering and Research Centre, Yeola, Nashik
Research Articles Publication Details
Session 2024-2025

35	Civil	Effect of molasses in concrete as a water reducing and time retarding admixture	Somawanshi, SP; Ansari, US; Karale, SA;							
36	Civil	Comparative Analysis of Multi-storey Structure into RCC and PEB	Sangita C. Dike & Sandip.A. Karale	IJRAR			2349-5138			
Department of Mechanical Engineering										
1	Mech.	Design & Fabrication of Semi-Automatic Mulching Machine	S V Aher, A G Adhav, T A Avhad, Shaikh A A, H.U. Pawar, G.J. Pathak	IRJMETS		04/2024	2582-5208	7.868	06	
2	Mech.	Defect Categorization of Ribbon Blender Worm Gearbox Worm Wheel & Bearing based on Artificial Neural Network	R.R. Barshikar, H.P. Ghongade, A.A. Bhadre, Dr H.U. Pawar, Dr H.S. Rane		SCI	2024	185371		26	
3	Mech.	An investigation by Testing Performance & Comparative Analysis of Super Glue Bond, Adhesive bond against Ultrasonic Plastic Welded joint of two overlapped joints of Thermoplastic	Sachinkumar Wani, Dr Vitthal Arajpure, Dr Rajkumar Sirsam, Dr Avinash Bagul, Dr H.U Pawar, Dr H.S Rane	Corrosion & Protection		2023	1005-748X		51	
4	Mech.	Joint Analysis of Steel Beam – CFST Columns Confined with CFRP Belt & Rebar Employing Finite Element Method	H.P Ghongade, H.U. Pawar, H.S Rane, A.A Bhadre, S.A Shirsath	China Petroleum Processing & Petrochemical Technology	SCI	09/2023	-	0.85	23	787-805
5	Mech.	Design & Evaluation of a Steel Structure for Gradual Collapse	H.P. Ghongade, A.A Bhadre, H.U Pawar, H.S Rane	Eur. Chem. Bull	-	10/06/2023	-	-	12	4103-4118
6	Mech.	Irrigation of Roadside Trees by using Speed Breaker	P.B Tandale, R.S Shinde, P.B Gursal, H.U. Pawar	IRJMETS	-	04/2023	2582-5208	7.868	05	1845-1848
7	Mech.	Onion Life Enhancement through Automated Ventilation Storage System using External Source	A Kurude, Y Deshmukh, V Patil, H.R Aher, T.V. Gujrathi	IRJMETS	-	04/2024	2582-5208	7.868	06	3771-3774
8	Mech.	Solar Operated Seed Sowing Machine	T.V Gujrathi, S Kshirsagar, S Pathan	IRJMETS	-	04/2024	2582-5208	7.868	06	1873-1875

JES'S SND College of Engineering and Research Centre, Yeola, Nashik
Research Articles Publication Details
Session 2024-2025

9	Mech.	360 Degree Rotating Vehicle	V.B Aher, P.V Jagtap, A.S Amrale, T.V Gujrathi	IRJMETS	-	04/2023	2582-5208	7.868	05	335-338
10	Mech.	Analysis of Fault Detection in Ball Bearing	T.S Nikumbh, A.M Wagh, A.A Garud, T.V Gujrathi	IRJMETS	-	04/2023	2582-5208	7.868	05	99-104
11	Mech.	Safety Bypass Braking System	V.S Saskar, A.S Shinde, R.S Jadhav, T.V Gujrathi	IRJMETS	-	03/2023	2582-5208	7.868	05	1698-1702
12	Mech.	Improvement in Patient Comfortness in Ambulance Travelling	V.D Londhe, P.S Baravkar, Y Pawar, A More, S Pawar	Industrial Engineering Journal	UGC CARE	06/2023	0970-2555	6.82	52	156-169
13	Mech.	Android Control Pesticide Dispensing Robot	U Jadhav, T Shaikh, V Kshirsagar, M.S Deshmukh, V.D Londhe	International Journal of Research & Analytical Reviews	-	04/2024	2349-5138	5.75	11	81-85
14	Mech.	Design & Development of Automatic Ventilation, Oxygen Maintainer & Sanitization System	A.S Songirkar, H.S Shelke, P.B Dange, G.S Pandit, M.S Deshmukh	IRJMETS	-	04/2023	2582-5208	7.868	05	5990-5993
15	Mech.	Solar Operated Indoor Air Purifier	A.K Sayyed, R.R Kuwat, S.R Kolhe, G.A Pandore, H.R Aher	IRJMETS	-	05/2023	2582-5208	7.868	05	8403-8407
16	Mech.	Solar Power Automated Agriculture Machine	L.D Tupe, G.S Tupe, P.D Gangurde, H.R Aher	IRJMETS	-	04/2023	2582-5208	7.868	05	2067-2070
17	Mech.	Automated Job Rejection & Counting System	D.S Lokhande, T.A Lahare, R.S Jadhav, M.V Pawar, V.R. Thakare	Industrial Engineering Journal	UGC CARE	05/2023	0970-2555	6.82	52	
18	Mech.	Design & Fabrication of Pneumatically Operated Sugarcane Bud Cutting Machine	S.N Bhusare, G.S Dengale, N.G Chavan, V.R Thakare, S.G Sawant	IRJMETS	-	03/2024	2582-5208	7.868	06	5673-5677

JES'S SND College of Engineering and Research Centre, Yeola, Nashik
Research Articles Publication Details
Session 2024-2025

19	Mech.	Pneumatically Sugarcane Bud Cutting Machine	D More, D Bhagwat, V Khairnar, S.G Sawant	International Journal of Research Publication & Reviews	-	04/2023	2582-7421	5.75	04	3711-3714
20	Mech.	Design & Development of Automatic Drip Irrigation Pipe Winder Machine	B.S Dange, R.W Nile, G.R Pendhari, Y.B Rode, A.B Mind, M.R Maind	Journal of Emerging Technologies & Innovative Research	-	04/2024	2349-5162	7.95	11	364-371
21	Mech.	Solar Powered Electric Vehicle	P.R Gore, S Jadhav, S Pathan, O Barhate,	IRJMETS	-	04/2024	2582-5208	7.868	06	1450-1455
22	Mech.	Electric Load Shifter	P.R Gore, H.R Jadhav, S.N Budhekar, A.B Shinde, T.P Bagal	IRJMETS	-	03/2023	2582-5208	7.868	05	3784-3787
23	Mech.	Design & Analysis of FRP Composite Drive Shaft for Light Motor Vehicle	P.R Gore, R.V Taksande, Y.K Kavade	IRJMETS	-	02/2023	2581-4621	0.435	07	38-46
24	Mech.	Design & Analysis of FRP Composite Drive Shaft for Light Motor Vehicle	P.R Gore, R.V Taksande, J.A Narkhede	Resincap Journal of Science & Engineering	-	06/2020	2456-9976	-	04	1032-1037
25	Mech.	Investigation on Effects of Bio lubricants Based Hybrid Nanofluids on Turning of AISI 1040 Steel using Minimum Quantity Lubrication	D.P Kshirsagar, M.A Venkatesh, V. D Wakchaure, P.N Nagare	SSRG International Journal of Mechanical Engineering	Scopus	03/2024	2348-8360	-	11	40-49
26	Mech.	Synthesis of Thermal & Physical Properties of Biodegradable Hybrid Nano fluid using two Step Method	D.P Kshirsagar, M.A Venkatesh,	Applied Chemical Engineering	Scopus	01/2024	-	-	7	-

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