



Nagar Yuwak Shikshan Santha, Airoli's

## DATTA MEGHE COLLEGE OF ENGINEERING

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NAAC ACCREDITED

### Journal Paper Publications

#### Journal Paper Publications in 2022-23

Sr. No	Name of Teacher	Title of paper/Title of Book/ Chapter Published	Name of Journal	Year
1	<i>Hrishikesh S. Yadav, Meera T. Sose, Pratibha Gawande</i>	Production of Sodium Hexametaphosphate	International Journal of Chemical and Molecular Engineering	2022-23
2	Abrar P.Khan, Vrushali N.Raut	Production Of Hydrogen	Journal For Basic Sciences	2022-23
3	Dr. R.W. Tapre , Mrudula Dhotre, Prerna Kolambekar, Siddhi Koli, Sakshi Kumbhar	Review On Preventive measures of Corrosion in Oil and Gas Industry	Journal For Basic Sciences	2022-23
4	Dr. Ravi W. Tapre ,Mugdha S. Gidge	A Research on Simulation of Propylene Recovery Unit	Journal For Basic Sciences	2022-23
5	Tapre, R.W., Thokal, A.G., Mandake, M.B., Jadhav, S.D., Vasantrao Janugade, S.	Microscale fluid mechanics: A review of material-dependent flow characteristics and applications	Materials Today	2022-23
6	Dr. Ravi W. Tapre, Dr. Santosh Walke, Manoj B. Mandake , Dr. Makarand Naniwadekar, Tanmay Ghosh, Yaser Qureshi	A review on copper chemical vapour deposition	Materials Today	2022-23
7	Prashant M.Ingole , Dr.V.K.Rathod	Ultrasonic assisted enzymatic degradation of Naproxen	Journal of Indian Chemical Society	2022-23

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8	Mr. Vishal J. Shah, Dr. Sonali Dhokpande	Design Optimisation Of Cumene Process:Simulation Of Cumene Process Using Rigorous Model For Gas Phase Plug Flow Reactor (Using Cape Open Flowsheet Environment)”	GRADIVA REVIEW JOURNAL	2022-23
9	Lekhram Kanfode, Dr. Shyamala Shingare, Dr. Satyajee Deshmukh	A Review on Different Techniques Used For Metal Extraction from Aqueous Effluent Stream	International Journal of Research and Analytical Reviews(IJRAR)	2022-23
10	Sucheta Kakde	A review of Water quality Modelling for a River Basin	Seybold report Journal	2022-23
11	Sucheta Kakde	Overview of Macro Scale Model for Large Scale Report	Seybold report Journal	2022-23
12	A. Singh , P Khanolkar, Dr. D.J. PETE	Machine Learning Based Illumination to Optimize Local Contrast Between Tissues Based on Human Visual System	Transactions of the Indian National Academy of Engineering 7 (4)	2022-23
13	A. Singh , Dr. D.J. PETE	Smart Intensity Control in Surgical Lights for Efficient Shadow Reduction Using Ultrasonic Sensor	Indian National Academy of Engineering 8 (1)	2022-23
14	Sanjay Bhadu Patil , Dr. D.J. PETE	A Comprehensive study of Brain Tumor identification using Machine Learning and Deep Learning	Journal of Neuro Quantology (Scopus Indexed)	2022-23
15	Amol P. Pande, Chandrashekhar M. Raut, Nita S. patil	An Efficient Approach for Object Detection using Deep Learning	<i>Journal of Pharmaceutical Negative Results</i>	2022-23
16	Dr.Smita Patil	Assessing pollutants migration through saturated soil column	Membrane and water Treatment Journal	2022-23

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1	B. Manjula Devi	Seismic Assessment Of Steel Frames Using Different Bracing Systems	Journal of Emerging Technologies and Innovative Research (JETIR), Volume 9, Issue 5, May 2022,	2021-22
2	Smita B. Patil	Seismic Analysis and Design of Concrete Flood Barrier for Mithi River at Mahim Exit	International Journal of Advances in Management, Technology and Engineering Sciences	2021-22
3	JesslyRajan	Experimental Study on plastic shrinkage of polyester fiber concrete	International Research Journal of Engineering and Technology (IRJET)	2021-22
4	Dr. P. A. Dode.	Review on Modelling, Analysis, Design of laterally loaded pile system for jetty structures	International Journal of Recent Scientific Research	2021-22
5	Dr. P. A. Dode	Performance Evaluation of Jetty pile for modified service condition	International Journal of Recent Scientific Research	2021-22
6	B.Manjula Devi	Study on Dwelling Unit (House) in Rural Area	International Journal for Scientific Research & Development  Vol. 9, Issue 11, 2022   ISSN (online): 2321-0613	2021-22
7	Dr. Pete DnyandeoJageshwar	Spatial Clustering with Dynamic Hops for Data routing in WSN for Enhanced QoS Metrics	Journal of Algebraic Statistics (WoS Indeed)	2021-22
8	Dr. Pete DnyandeoJageshwar	Cross-Layer Design Approaches in Underwater Wireless Sensor Networks: A Survey."	SN Computer Science 2, no. 5 (2021): 1-26	2021-22
9	Dr. Pete DnyandeoJageshwar	Energy efficient clustering with compressive sensing for underwater wireless sensor networks	Peer-to-Peer Networking and Applications	2021-22
10	Dr. Pete DnyandeoJageshwar	Energy efficient cluster-based routing scheme using type-2 fuzzy logic in underwater wireless sensor networks	International Journal of Communication Networks and Distributed Systems	2021-22

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11	Dr. Pete DnyandeoJageshwar	Retention Time Optimization n--in 3 TDRAM using parametric variation in nanometre regime.	International Journal of Emerging trends and technology.	2021-22
12	Dr. Pete DnyandeoJageshwar	Optimization of Retention Time in 3T DRAM using Anti-Body Bias Technique in Nanoscale Technology	International Journal of Engineering Trends and Technology	2021-22
13	Dr. Pete DnyandeoJageshwar	Savitzky–Golay Filtering-Based Fusion of Multiple Exposure Images for High Dynamic Range Imaging	SN Computer Science	2021-22
14	P.V. Muley, A.S. Radke;	Different Bracing Configurations In Multi Storey RCC Buildings And Their Performance Analyses.	International Journal of Management, Technology And Engineering	2021-22
15	Muley P.V Radke A.S;	Review on performance based design and seismic retrofitting of existing structures	International Journal of Recent Scientific Research	2021-22
16	A.D.Ahirwar and Dr.H.S.Chore	Strength characterization of steel slag-cement stabilized marine clay mixes for highway construction	Innovative infrastructure solutions	2021-22
17	B.Manjula Devi and H.S Chore	Strength Behaviour of Marine Clay Stabilized With Marble Dust and Quarry Dust	Ground Improvement Techniques. Lecture Notes in Civil Engineering, vol 118. Springer, Singapore. <a href="https://doi.org/10.1007/978-981-15-9988-0_10">https://doi.org/10.1007/978-981-15-9988-0_10</a>	2021-22
18	B.Manjula Devi and H.S Chore	Industrial By-Product Utilization in Road Construction-A Mitigation Measure to Save Environment	2nd International Congress on Advances in Mechanical and Systems Engineering (CAMSE-2021) Dr B R Ambedkar National Institute of Technology Jalandhar, -17-19 th July, 2021	2021-22
19	Manisha L Pokharkar, B. Manjula Devi	Evaluation of Response Reduction Factor for Steel Structure using Various Types of Bracings Various Types of Bracings	International Research Journal of Engineering and Technology (IRJET) e-ISSN: 2395-0056 Volume: 08 Issue: 11   Nov 2021	2021-22
20	B. Manjula Devi	A Study on Public Perception Towards	Intelligent Transport Management: Issues and	2021-22

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		Mumbai's Metro Train	Challenges, Volume: First-2021, ISBN: 978-93-93364-07-4	
21	Smita B. Patil	Review on Modelling, Analysis, Design and Performance Optimization of Gravity Dams and Flood Barriers	International Journal of Recent Scientific Research	2021-22
22	Dr. P. A. Dode	Formation of Unique standard protocol to assess degree of deterioration in RCC buildings	International Journal of Advanced Research in Science , communication and Technology ( IJARSCT )	2021-22
23	Dr. P. A. Dode	Assessment of deterioration in RCC building	International Journal of Advanced Research in Science , Ideas and innovations in Technology ( IJARI IT )	2021-22
24	Dr.P.A.Dode	Formulation of methodology for structural health analysis and monitoring of Marine structure	International Journal of Advanced Research in Science , communication and Technology ( IJARSCT )	2021-22
25	Dr.P.A.Dode	Structural health analysis and monitoring of RC jetty structure and rehabilitation methodology	International Journal of Advanced Research in Science , Ideas and innovations in Technology ( IJARI IT )	2021-22
26	Prashant Barbude , Dr A.P.Patil	Dynamic Analysis of Multi-storey Structure using Linear Time History Analysis	International Journal of Engineering Research in Mechanical and Civil Engineering ( IJERMCE )	2021-22
27	Prashant Barbude , Dr A. P. Patil	Seismic analysis of multi-storey building using push over and nonlinear time history method	International Journal of Advanced Research in Science , Ideas and innovations in Technology ( IJARI IT )	2021-22
28	Dr. Pete DnyandeoJageshwar	Haar Wavelet-Based Fusion of Multiple Exposure Images	SN Computer Science	2021-22
29	Mrs. BhaskarwarRoshani Vinod	Cross-Layer Design Approaches in Underwater Wireless Sensor Networks: A Survey	SN Computer Science	2021-22
30	Mrs. BhaskarwarRoshani	Energy efficient clustering with compressive sensing for	Peer-to-Peer Networking and Applications	2021-22

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	Vinod	underwater wireless sensor networks		
31	Mrs. BhaskarwarRoshani Vinod	Energy efficient cluster-based routing scheme using type-2 fuzzy logic in underwater wireless sensor networks	<i>International Journal of Communication Networks and Distributed Systems</i>	2021-22
32	Mrs. BhaskarwarRoshani Vinod	IoT Social Distancing and Monitoring Robot for Queue	International Journal of Advanced Research in Science, Communication and Technology	2021-22
33	Mrs. BhaskarwarRoshani Vinod	Security Door Lock for Mains Supply and Safety of Electrical Engineer	International Journal of Advanced Research in Science, Communication and Technology	2021-22
34	Mrs. Mithbavkar Shraddha Atul	Recognition of Emotion in Indian Classical Dance Using EMG Signal	International Journal on Advanced Science, Engineering and Information Technology	2021-22
35	Mr. P. Susheelkumar S.	Spatial Clustering with Dynamic Hops for Data routing in WSN for Enhanced QoS Metrics	Journal of Algebraic Statistics (WoS Indeed)	2021-22
36	Mr. P. Susheelkumar S.	Detection of Human Mental Stress Using Speech Signals	International Journal of Special Education (WoS Indexed)	2021-22
37	Mr. P. Susheelkumar S.	Segmentation of Moving Object captured using Moving Camera	Journal of Algebraic Statistics (WoS Indeed)	2021-22
38	Mr. P. Susheelkumar S.	Parametric Optimization of Manufacturing of Aluminum Die Casting Hot Die Steel Inserts	Journal of Algebraic Statistics (WoS Indeed)	2021-22

### RESEARCH PAPERS PUBLISHED IN ACADEMIC YEAR 2019-20

Sr. No	Title of paper	Name of the author/s	Department of Faculty	Name of journal paper	Year of publication	ISSN number
1	Effect of embedment depth of piles on response of three storeyed	Dr. S. A. Rasal	Civil Engineering	Journal of Structural Engineering (India) 45 (6), 520-	2019-20	ISSN: 970013

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	building frame incorporating non-linear behaviour of soil			545		
2	Finite Element Analysis of Rectangular Water Tank Propped at Top For Partially Filled Condition Considering Effect of Edge Rotation	Dr. S. A. Rasal	Civil Engineering	Journal of Emerging Technologies and Innovative Research	2019-20	(ISSN-2349-5162)
3	Confinement of Reinforced Concrete Column: An Overview	Dr. S. A. Rasal	Civil Engineering	Journal of Emerging Technologies and Innovative Research (JETIR), March 2019, Volume 6, Issue 3,	2019-2020	ISSN-2349-5162
4	Machine learning and Class imbalance : A literature Survey.	Mrs. S.V. Narwane	Information Technology	Industrial Engineering Journal 12, no. 10 (2019).	2019-20	ISSN:2581_4915
5	A novel approach to handle class imbalance:A Survey	Mrs. S.V. Narwane	Information Technology	International Journal of Engineering Development and Research	2019-20	ISSN:2321_9939
6	Designing a model to detect diabetes using Machine Learning: A Survey	Mrs. S.V. Narwane	Information Technology	International Journal of Engineering Development and	2019-20	ISSN:2321_9939

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				Research		
7	Review on brain tumor detection and classification of MRI image using deep learning Techniques	Mrs. R.A Jolhe	Information Technology	IJFGCN , web of science	2019-20	ISSN: 2233-7857 IJFGCN
8	Performance analysis of gas diffusion electrode with varying platinum loading under different oxidant condition	Dr.Vrushali N Raut(Umap)	Chemical Engineering	Elsevier:Renewable Energy ”	2019-20	9601481
9	Performance of catalyst coated membrane (CCM) under various operating condition in Proton Exchange Membrane Fuel Cell’	Dr.Vrushali N Raut(Umap)		IOP Conference Series: Materials Science and Engineering	2019-20	ISSN: 17578981
10	Ultrasound assisted enzyme catalysed synthesis of butyl caprylate in solvent free system	DrMeera T Sose	Chemical Engineering	Indian Chemical Engineer, 2020 - Taylor & Francis	2019-20	Pages 402-413
11	Enzymatic synthesis of cinnamylpropionate from cinnamyl alcohol and propionic acid in a solvent free condition	DrMeera T Sose	Chemical Engineering	SN Applied Sciences, 2020 - Springer	2019-20	SNAS-D-19-07993

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12	Object Tracking and Detection Using Yolo and SORT	VaishaliK.Gaidhane	Computer Engineering	International Journal Of Scientific Reasearch in Computer Science ,Engineering And Information Technology	2019-20	ISSN 2456-3307
13	Review on Brain Tumor Detection and Classification with MRI Images using Deep Learning Techniques	Dr.SudhirSawarkar	Computer Engineering	International Journal of Future Generation Communication and Networking	2019-21	2233-7857
14	H.265 Intra-Picture Prediction Acceleration Using Low Complexity Model	Dr.ChhayaPawar	Computer Engineering	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019-20	2278 - 3075

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