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Date :

Research Papers Published in Journals (A.Y. 2024-25)

Sr. No	Title of paper	Name of the author/s	Department	Name of journal	ISSN Number
1	The Review – Construction Management Techniques for Bridge Construction	Dr. J. M. Shinde	Civil Engineering	Positif Journal	0048-4911
2	Particle Packing Model of Concrete: A Review	Dr. J. M. Shinde	Civil Engineering	Positif Journal	0048-4911
3	To Study Experimental Investigation and Performance of Manufactured Sand in Concrete at Elevated Temperature	Dr. J. M. Shinde	Civil Engineering	Positif Journal	0048-4911
4	Enhancing Modular Construction Efficiency: A Review of Scheduling, Resource Management and the Role of Primavera Software	Mr. J. A. Patil	Civil Engineering	Journal of Xidian University	1001-2400
5	Review Paper on Scheduling to Solutions: Use of MSP	Mr. J. A. Patil	Civil Engineering	Journal of Xidian University	1001-2400
6	Risk Assessment of Landslide Area, Mapping by GIS & Remote Sensing and its Mitigation Methods for Patan Taluka (Western ghat in Maharashtra)	Mr. J. A. Patil	Civil Engineering	Journal of Xidian University	1001-2400

7	A Review Paper on Study of Castellated Beam	Mr. J A. Patil	Civil Engineering	Journal of Xidian University	1001-2400
8	A Review Paper on Study of Castellated Beam	Ms. B.R. Mali	Civil Engineering	Journal of Xidian University	1001-2400
9	Innovative application of foam concrete: A Revive of Current Research and Feature Direction in Civil Engineering	Mr. D. G. Patil	Civil Engineering	Journal of Emerging Technologies and Innovative Research (JETIR)	2349-5162
10	Comprehensive Assessment and Integrated Water Treatment Strategy for the Restoration of the Panchganga River, Maharashtra	Mr. H. M. Bhosale	Civil Engineering	Journal of Emerging Technologies and Innovative Research (JETIR)	2349-5162
11	High Strength Binary and Ternary Blended Concrete Using Engineered Cementitious Composite (ECC)	Ms. B. R. Mali	Civil Engineering	Journal of Emerging Technologies and Innovative Research (JETIR)	2349-5162
12	The Real-Time Smart Irrigation System for Precision Farming	Mr. G. N. Chavan Patil	Civil Engineering	Positif Journal	0048-4911
13	Review of Smart groundwater monitoring and controlling system based on IoT (Peth Vadgaon), Kolhapur, Maharashtra	Mr. Y. S. Chokakkar	Civil Engineering	International Journal of Research and Analytical Reviews (IJRAR)	2348-1269
14	Optimising Concrete Compressive Strength Prediction: A Comparative Study of Machine Learning Algorithms	Mr. S. S. Redekar	Computer Science and Engineering	Publisher: IEEE International Conference on Electrical Electronics and Computing Technologies (ICEECT)	10.1109/ICEECT61758.2024.10738970
15	A Diabetic Retinopathy Detection Through Quantum Transfer Learning	Mrs. V. D. Desai	Computer Science and Engineering	Indian Institute of Industrial Engineering	0970-2555
16	Solar Panel Dust Detection Classification and Efficiency Analysis	Mrs. V. D. Desai	Computer Science and Engineering	International Journal of Innovative	2349-6002

	Using Computer Vision and Deep Learning			Research in Technology	
17	Hypergraph neural network approach with imbalanced sampling to predict graduation outcomes for diverse student population	Mrs. S. R. Patil	Computer Science and Engineering	International Journal of Innovative Research in Technology	2349-6002
18	Enhancement of PV array performance through reconfiguration with P&O MPPT for shading resilience: International Journal of Ambient Energy	Dr. V. K. Thombare	Electrical Engineering	International Journal of Ambient Energy	https://doi.org/10.1080/01430750.2024.2404535
19	Solar Panel Dust Detection Classification and Efficiency Analysis Using Computer Vision and Deep Learning	Dr. V. K. Thombare	Electrical Engineering	International Journal of Innovative Research in Technology	2349-6002
20	A Comparative Analysis of Plant Canopy Detection Performance in a Variable-Rate Spraying System Using Deep Learning Models	Dr. S.S. Patil	Electronics & Telecommunication Engineering	Journal of The Institution of Engineers (India): Series A	https://doi.org/10.1007/s40030-024-00829-x
21	Crop Detection and Weed Removal Agriculture Robot	Dr. S.S. Patil	Electronics & Telecommunication Engineering	Intelligent Systems and Advanced Applications (ICISAA), International Conference on	10.1109/ICISAA62385.2024.10828811
22	Automatic power factor correction using Arduino	Mrs. S. A. Kanade	Electronics & Telecommunication Engineering	Tanz Research Journal	1869-7720
23	Hybrid CNN-RF Algorithm for Facial Expression Recognition Using Different Datasets	Mr. S. A. Bhosale	Electronics & Telecommunication Engineering	International Journal of Intelligent Systems and Applications In Engineering	3520–3528
24	An Ensemble Based	Dr. D. J. Pawar	Electronics &	Advances in	2255-2863

	Machine Learning for Automated Glaucoma Classification and Detection		Telecommunication Engineering	Distributed Computing and Artificial Intelligence Journal	
25	Effects of Combined Coconut Shell and Pistachio Shell as Filler and Frictional Additive on the Properties of Particulate Type of Green Friction Composites	Dr. H.V Shete	Mechanical Engineering	Institute of Fundamental Technological Research Polish Academy of Sciences (IPPT PAN)	Doi: 10.24423/EngTrans.3203.2024
26	Effect of Calcination Time on Modulating the Properties of Battery Type NiMn ₂ O ₄ Intended for Supercapacitor Applications	Dr. N. B. Wadkar	Applied Science	Colloids and Surfaces A: Physicochemical and Engineering Aspects is an international journal	https://doi.org/10.1016/j.colsurfa.2024.135088