



Agnel Charities

Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai, Maharashtra

Journal Publications

Academic Year 2022-2023

1. Smita Dange & Prashant Nitaware (2023) "Secure Share: Optimal Blok chain Integration in IoT Systems, Journal of Computer Information Systems",
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2. Smita Bansod, Dr. Lata Ragha, "Challenges in making blockchain privacy compliant for the digital world: some measures" Published: 18 August 2022 volume 47, Article number: 168 (2022)
<https://link.springer.com/article/10.1007/s12046-022-01931-1>
3. Roopal Malhotra, Dr. Lata Ragha, "MACVTL: Improving Efficiency of Mood Analysis from Text & Facial Cues Using Cross Validation and Transfer Learning", Year 2023, Volume 24, Issue 1.
<https://jcs.snu.ac.kr/jcs/index.php/issues/?uid=358&mod=document>
4. Smita Bansod, Dr. Lata Ragha, "A Quantum Resistant Blockchain System for Privacy Protection of Patient Records", © 2023 by IJETT Journal, Volume-71 Issue-4, Year of Publication : 2023,
<https://ijettjournal.org/archive/volume71-issue-4>
5. Ms.Seema Rathod and Dr. Lata Ragha, "LUNG TUMOR DETECTION USING DEEP CNN ARCHITECTURE WITH THE FINAL LAYER AS MACHINE LEARNING: CT SCAN IMAGES", JCST; Journal of Data Aquisition and Processing, ISSN: 1004-9037,
https://sjcyjcl.cn/article/view-2023/pdf/02_1532.pdf
6. Ms.Seema Rathod and Dr. Lata Ragha, "ANALYSIS AND DENOISING MEDICAL LUNGS CT-SCAN IMAGES USING VARIOUS PREPROCESSING FILTERING TECHNIQUES ", JCST; Journal of Data Aquisition and Processing, ISSN: 1004-9037,
https://sjcyjcl.cn/article/view-2023/pdf/03_557.pdf
7. M. Kiruthika, Jitin John Charivukalayil, Shreya Chavan, Jerin John Mathew, Christopher Cardoza, "Enhancement of detection mechanisms for HTTP based DoS/DDoS attacks", ADBU Journal of Engineering and Technology, Vol 12 (2023)
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8. Authors: Jyoti More, Jyoti Deshmukh, Deeplaxmi V., "NitureCritical issues in Leveraging Blockchain in Healthcare Sector", May 2023 International Journal on Recent and Innovation Trends in Computing and Communication 11(5):128-133, DOI:10.17762/ijritcc.v11i5.6586
https://www.researchgate.net/publication/374120319_Critical_issues_in_Leveraging_Blockcha_in_in_Healthcare_Sector

9. Akhilesh Mendon, Agnel Austin, Shraddha Ambilkar, Shikha Menon and Mini K Namboothiripad, "Multi-objective predictive control for three-phase three-level neutral-point", clamped inverter", International Journal of Advanced Technology and Engineering Exploration, vol. 10, issue 100, pp. 321-339, March 2023,
<http://dx.doi.org/10.19101/IJATEE.2021.876453>
10. Piyush Kumar , Gaurav Rangari , Ashwin Shirgaonkar , Arnold Wilson, Rajendra Soni, "Implementation and Analysis of A Three-Phase Inverter using Different Modulation Techniques (SPWM and SVPWM)", DOI : 10.17577/IJERTV12IS020145, Paper ID : IJERTV12IS020145, Volume & Issue : Volume 12, Issue 02 (February 2023), Published (First Online): 09-03-2023, ISSN (Online) : 2278-0181, Publisher Name : IJERT
<https://www.ijert.org/implementation-and-analysis-of-a-three-phase-inverter-using-different-modulation-techniques-spwm-and-svpwm>
11. Shrishell Muchande, Sushil Thale, "A Novel Reconfigurable Coordinated Control for Autonomous Low Voltage DC Microgrid", International Review of Electrical Engineering, DOI: <https://doi.org/10.15866/iree.v18i1.22929>, Vol 18, No 1 (2023), January-February 2023, ISSN: 182-6660
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12. K. Unni and S. Thale, "Energy Consumption Analysis for the Prediction of Battery Residual Energy in Electric Vehicles", Eng. Technol. Appl. Sci. Res., vol. 13, no. 3, pp. 11011–11019, Jun. 2023.
<https://doi.org/10.48084/etasr.5802>
13. Anagha S. Dhavalikar, Pranali C. Choudhari, "Prediction of Oil Spill Trajectory on The Ocean Surface Using Mathematical Modeling", IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, vol. 15, pp. 5894-5905, 2022, DOI: 10.1109/JSTARS.2022.3192352.
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14. Anagha S. Dhavalikar, Pranali C. Choudhari, "Detection and Quantification of Daily Marine Oil Pollution Using Remote Sensing", Water Air & Soil Pollution (Springer), vol. 233, issue 8, Article 336 (2022). DOI:
<https://doi.org/10.1007/s11270-022-05752-0>
15. Dhavalikar, A.S., "Choudhari, P.C. Modelling and Remote Sensing of Oil Spill in the Mediterranean Sea: A Case Study on Baniyas Power Plant Oil Spill. J Indian Soc Remote Sens 51, 135–148 (2023).
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16. N. N. Deshmukh, S. D. Sharma, and A. Ansari, "Experimental method for temperature measurement on lateral planes along a Rijke tube to assess efficacy of control method," MethodsX, vol. 10, no. January, p. 102170, 2023
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18. Prasad Bari, Prasad Karande, Jayston Menezes, "Simulation of job sequencing for stochastic scheduling with a genetic algorithm", Operational Research in Engineering Sciences: Theory and Applications, vol. 5, no. 3, pp. 17-39, Jul. 2022
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19. Salunkhe, V. G., Desavale, R. G., Khot, S. M., and Yelve, N. P, "A Novel Incipient Fault Detection Technique for Roller Bearing Using Deep Independent Component Analysis and Variational Modal Decomposition." ASME. J. Tribol. vol.145, no.(7), pp. 074301-16, April 2023
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20. Kale, Bharatbhushan S., Kiran S. Bhole, Ravindra Garmode, Sharad Valvi, and Jugal Jagtap, "Micro and meso fabrication emerged from Saffman-Taylor instability developed in Hele-Shaw cell.", International Journal on Interactive Design and Manufacturing (IJIDeM). 1-13, Mar. 2023
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22. Nilaj Deshmukh, Afzal Ansari, Praseed Kumar, Allen Varghese George, Febin Joseph Thomas, Merick Steve George "Development of Closed-Loop Active Control Method for Suppression of Thermoacoustic Instability Using Radial Air Micro-Jets", MethodsX, 2023, 102123, ISSN 2215-0161, <https://doi.org/10.1016/j.mex.2023.102123>
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26. Oak Sachin, Kiran Bhole, Bharatbhushan Kale, and Harshal Dhongadi, "Experimental characterization of spontaneous formation of micro-fractals on conical surfaces in Hele-Shaw cell.", *International Journal on Interactive Design and Manufacturing (IJIDeM)*, 1-11, Mar. 2023
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27. N. N. Deshmukh, A. Ansari, S. Degwekar, B. Paul, and R. Unnikrishnan, "Effect of geometrical parameters and use of porous material in a Helmholtz resonator on suppression of thermo-acoustic instabilities," *Int. J. Spray Combust. Dyn.*, p. 175682772311589, Mar. 2023, doi: 10.1177/17568277231158900
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30. Pallavi Khaire, Vikas Phalle, " Smart System For The Identification Of Combination Of Faults In Rotating Machines Using A Vibration-based Data-driven Approach", *GIS Science Journal* VOLUME 9 ISSUE 11 2022
<https://gisscience.net/volume-9-issue-11-2022-2/>
31. Dr. Nilaj DESHMUKH, Abhijit WAGHMODE, "Control of noise and temperature using radial air injection inside engine silencer", Year 2023, Volume: 9 Issue: 1, 107 - 115, 31.01.2023
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32. Archana Shirke, M M Chandane, "Collaborative offloading decision policy framework in IoT using edge computing", 1231: *IoT-driven Computer Vision Technology for Smart Transportation Applications*, Published: 13 January 2023 (2023)
<https://link.springer.com/article/10.1007/s11042-023-14383-4>
33. Shantanu Tondlekar, Sherin Thomas, Ryan Marian, Tejas Jagdale and Anand Pardeshi, "SPICED IMAGE FORGERY DETECTION USING FSM", *Industrial Engineering Journal*, ISSN: 0970-2555 Volume : 52, Issue 2, No. 1, February : 2023, UGC CARE Group-1, Sr. No.-155 (Sciences) 427
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