

Agnel Charities

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

Journal Publications

Academic Year 2020-2021

- 1 G. Bhosale, T. Ram Prabhu, Walmik S. Rathod, Manik A. Patil, **Sanjay W. Rukhande**, High temperature solid particle erosion behaviour of SS 316L and thermal sprayed WC-Cr<sub>3</sub>C<sub>2</sub>-Ni coatings, *Wear*, Volumes 462–463, 2020, 203520, ISSN 0043-1648, <https://doi.org/10.1016/j.wear.2020.203520>
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- 3 **Sanjay W. Rukhande**, Walmik S. Rathod, Digvijay G. Bhosale, Dry sliding wear behaviour of HVOF sprayed NiCrBSiFe coating on SS 316L, *Materials Today: Proceedings*, *Materials Today: Proceedings*, Volume 41, Part 4, 2021, Pages 765-771, ISSN 2214-7853, <https://doi.org/10.1016/j.matpr.2020.08.408>.
- 4 Digvijay G. Bhosale, Walmik S. Rathod, **Sanjay W. Rukhande**, Effect of counter faces on sliding wear behavior of WC-Cr<sub>3</sub>C<sub>2</sub>-Ni composite coating deposited by high velocity oxy fuel, *Materials Today: Proceedings* ISSN 2214-7853, doi.org/10.1016/j.matpr.2020.08.466, <https://www.sciencedirect.com/science/article/pii/S2214785320363483>
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- 6 Kavita H. Dhanawade, Hanamant S. Dhanawade, Ajay Kashikar, Shweta Matey, Mahesh Bhadane, **Sunny Sarraf**, Thermal Analysis of Circular Pin-fin with Rectangular Slot at the Center by Forced Convection, *World Academy of Science, Engineering and Technology International Journal of Mechanical and Industrial Engineering*, 2020-2021, ISNI:0000000091950263
- 7 Chibire S., **Yelve N.P.**, Chavan V.M. (2021) Evaluation of Fracture Toughness of Precracked Steel Specimen Using Split Hopkinson Pressure Bar. In: Seetharamu S., Jagadish T., Malagi R. (eds) *Fatigue, Durability, and Fracture Mechanics. Lecture Notes in Mechanical Engineering*. Springer, Singapore. [https://doi.org/10.1007/978-981-15-4779-9\\_42](https://doi.org/10.1007/978-981-15-4779-9_42),
- 8 **Sanjay W. Rukhande**, W. S. Rathod & Digvijay Bhosale (2021) High-temperature tribological investigation of APS and HVOF sprayed NiCrBSiFe coatings on SS 316L, *Tribology-Materials, Surfaces and Interfaces*, DOI: [10.1080/17515831.2021.1898887](https://doi.org/10.1080/17515831.2021.1898887)
- 9 **Badal Kudachi, Nilesh Varkute, Bipin Mashilkar**, Srikant Guthulla, Prabhav Jayaprakash, Alex Aaron, Simran Joy, Experimental and computational study of phase change material based shell and tube heat exchanger for energy storage, *Materials Today: Proceedings* ISSN 2214-7853, doi.org/10.1016/j.matpr.2021.05.295, [www.sciencedirect.com/science/article/pii/S221478532103889](https://www.sciencedirect.com/science/article/pii/S221478532103889)

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- 12 S. Jagdale, **M. Shah**, Extending the Classifier Algorithms in Machine Learning to Improve the Performance in Spoken Language Understanding Systems Under Deficient Training Data, *Advances in Science, Technology and Engineering Systems Journal*, vol. 5, no. 6, pp. 464-471 (2020) DOI: [10.25046/aj050655](https://doi.org/10.25046/aj050655)
- 13 S. A. Mithavkar and **M. S. Shah**, Bioscience Biotechnology Research Communications, EMG based emotion recognition in Indian classical dance, Print ISSN: 0974-6455, Online ISSN: 2321-4007, <http://dx.doi.org/10.21786/bbrc/13.14/76>.
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- 20 Jiju, Alan, Shaun Tuscano, and **Chetana Badgujar**. "OCR text extraction." *International Journal of Engineering and Management Research* 11.2 2021 83-86. e-ISSN: 2250-0758 p-ISSN: 2394-6962
- 21 **Mr .Amroz** Artificial Intelligence Surveillance System, *International Journal for Science and Advance Research in Technology*,2020-2021,ISSN [ONLINE] : 2395-1052
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- 23 **Mrs. Smita Dange** , ,Intelligent Lunar Landing Site Recommender, *International Journal of Engineering and Management Research* ,e-ISSN: 2250-0758 p-ISSN: 2394-6962 Volume-11, Issue ,April2021 [www.ijemr.net](http://www.ijemr.net) <https://doi.org/10.31033/ijemr.11.2.26>

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- 4 Renuka Deshpande, **Lata Ragha**, Satyendra Kumar Sharma, Effective Bandwidth Prediction through Statistical Technique over Heterogeneous Networks, International Journal of Innovative Technology and Exploring Engineering (IJITEE)ISSN: 2278-3075, Volume-8 Issue-12, October 2019.
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- 6 Amin, Sujit & Jayakar, Nikita & **Kiruthika, M** & Gurjar, Ambarish. Best Fit Resume Predictor. International Journal of Engineering and Technology. 06. 2395-0056.
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- 17 **Rukhande, Sanjay W.**- Rathod, W. S. Tribological Behaviour of Plasma and HVOF-sprayed NiCrSiBFe Coatings, *Surface Engineering*, 0267-0844 <https://doi.org/10.1080/02670844.2020.1730062>
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### Calendar Year 2018

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