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Publication Details

1. R.Senthilkumar, **S.Prabhu** et al, "Multi Objective Optimization with Fuzzy logic analysis of Confined Flow Characteristics on Circular Cylinder", Accepted, October 2020, **Journal of The Institution of Engineers (India): Series C**, Springer, Issn: 2250-0545. **SNIP-0.786.**
2. R.Senthilkumar, **S.Prabhu** et al, "Numerical Study on Turbulent Natural Convection and Radiation Heat Transfer of Nano Fluids in a Differentially Heated Square Enclosure, **Journal of Thermal analysis and Calorimetry**, Accepted, 24th Oct 2020, **Impact factor: 2.731.**
3. **Prabhu Sethuramalingam**, J.R.V.Sai Kiran, M. Uma, T.Thushar, A comparative analysis of Surface roughness in Robot spray painting using Nano paint by Taguchi – Fuzzy Logic-Neural network methods, Online First, 10th Nov.2020, **Australian journal of Mechanical Engineering, Taylor & Francis**, Australia, Issn:1448-4846, SJR-0.162, SNIP-0.584. **Scopus Indexed.** DOI: 10.1080/14484846.2020.1842157.
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10. Deborah Serenade Stephen and S.Prabhu, "Effects of grinding α–β Titanium with 3% CNTs in CBN grinding: An Experimental study", IOP Conf. Series: Materials Science and Engineering, 912, 03 (2020), pp.032071.doi:10.1088/1757-899X/912/3/032071, **Scopus Indexed**, SNIP: 0.543.
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12. Deborah S.Stephen, **Prabhu.S**, "An Application of Fuzzy logic with Grey Relational Technique in Grinding Process using Nano Al_2O_3 Grinding Wheel on Ti-6Al-4V alloy" **International Journal of Machining and Machinability of Materials (IJMMM),** In press, September 2020. Inderscience publisher, Scopus, **SNIP-1.608**.
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INTERNATIONAL CONFERENCE

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4. **S. Prabhu**, S.Oliver nesa raj, Rishabh Gera, Harsh Joshi," Optimization of AWJ Process Using Fuzzy Taguchi Method for improving Surface characteristics of Silicon wafer",3rd International Conference on Advances in Mechanical Engineering", ICAME 2020 (February 24-29th 2020), SRM Institute of Science and Technology, Chennai, Pp-152.
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6. J R V Sai Kiran, **S Prabhu**," Robot Nano Spray Painting-A Review", 3rd International Conference on Advances in Mechanical Engineering", ICAME 2020 (February 24-29th 2020), SRM Institute of Science and Technology, Chennai, Pp-234.
7. R Ambigai, **S Prabhu**, Raj Gandhi," Taguchi Based Optimization Of coated And Uncoated Tool Insert For Turning Ti6al4vusing Grey Relation Analysis", 3rd International Conference on Advances in Mechanical Engineering", ICAME 2020 (February 24-29th 2020), SRM Institute of Science and Technology, Chennai, Pp-239.
8. Prateek Srivastava, Aayush Kumar, Aditya Singh Patel, **Dr.S.Prabhu,"** Robot optimization by reduction in number of joints using composite enhanced Compliant Suspension", 3rd International Conference on Advances in Mechanical Engineering", ICAME 2020 (February 24-29th 2020), SRM Institute of Science and Technology, Chennai, Pp-257.
9. R.Ambigai, S.Prabhu," Fuzzy logic algorithm based optimization of Thermal Conductivity and behavior of Al-Si3N4 Nano and Al-Gr-Si3N4 Hybrid composite", 3rd International Conference on Advances in Mechanical Engineering", ICAME 2020 (February 24-29th 2020), SRM Institute of Science and Technology, Chennai, Pp-293.
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