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International Journal

Dr. B. B. Ahuja

1	J.K. Bagwan, B.B. Ahuja, A.V. Mulay, Kishore J. Jawale	Geometrical analysis of extrusion based (Additively Manufactured) 3D designed scaffold for bone tissue Engineering: A finite element approach	Materials Today: Proceedings, 2021, ISSN 2214-7853, https://doi.org/10.1016/j.matpr.2021.09.049 .	1465-1471	1
2	Shaikh, M.S.N.M., Ahuja B.B.	Optimization of Electroless Nickel Tungsten Composite Coating on 3D-Printed ABS Substrate for Maximum Tungsten Content.	J. Inst. Eng. India Ser. C 103, 69-82 (2022). https://doi.org/10.1007/s40032-020-00630-2	69-82	
3	V. Kanake and B. B. Ahuja	Prediction of tool wear length in micro-EDM process using an artificial neural network	Materials Today: Proceedings, https://doi.org/10.1016/j.matpr.2022.02.345		
4	V. Chavan, B. Rajiv and B.B. Ahuja	Selection of the best material and cutting tool in multi-objective optimization challenges of biomaterial implants using the R-method	Materials Today: Proceedings, https://doi.org/10.1016/j.matpr.2022.02.342		
5	Maneetkumar R Dhanvijay, BB Ahuja	EXPERIMENTAL INVESTIGATION ON ROTARY ECDM PROCESS OF AL2O3 CERAMICS	Journal of Manufacturing Technology Research Volume 13, Issue 3/4 Nova Science Publishers, Inc.	201-213	
Dr. N. R. Rajhans					
6	Ganesh Narkhede, Neela Rajhans	An integrated approach to redesign inventory management strategies for achieving sustainable	Business strategy and development, March 2022, Page. DOI: 10.1002/bsd2.200	1-14	

		development of small and medium-sized enterprises: Insights from an empirical study in India			
Dr. B. Rajiv					
7	Kamble, Y., Basavarajappa, R.	Performance Exploration of Plain and Slotted Drill during Friction Drilling of Al 6063 (Under review)	Engineering Science and Technology, an International Journal -Scopus/UGC approved Journal.		
8	Chavhan R U, B Rajiv, Joshi S P.	Find out the relationship between First & Second order factors for competitive advantage using CFA for supplier development in Indian Manufacturing Case	International Journal of Contemporary Architecture "The New ARCH" Vol. 8 No. 2 (2021). ISSN 2198-7688 (Web of Science/SCIE	1561-1569	
9	Swati Kamble, Dr B Rajiv	Critical Analysis of Machine Condition Monitoring by Using Risk Priority Number and Analytical Hierarchy Process	International Journal of Failure Analysis and Prevention, (SCIE Journal) https://doi.org/10.1007/s11668-022-01350-8		
10	Rutwik Roy, Rohi Jan B Rajiv	Functionalization of Bio-polymer based nanofibers with clay minerals as nanofillers: Promising material for antibacterial applications	accepted for publication in, the Journal of Polymer Research. (Accepted)		
11	Vishwanath Chavan, B. Rajiv	Selection of the best material and cutting tool in multi-objective optimization challenges of Biomaterial Implants using the R-method	Materials Today proceedings https://doi.org/10.1016/j.matpr.2022.02.342		
Dr. A. V. Mulay					
12	J.K. Bagwan, Dr. B.B. Ahuja, A.V. Mulay, Kishore J. Jawale	Geometrical analysis of extrusion based (Additively Manufactured) 3D	Materials Today: Proceedings Volume 50, Part 5, 2022	1465-1471	1

		designed scaffold for bone tissue Engineering: A finite element approach	https://doi.org/10.1016/j.matpr.2021.09.049		
Dr. B. U. Sonawane					
13	J.S. Bhat, A.B Chougale, B.U. Sonawane	Investigation of Tribological Based Thermal Behaviors of Lubricating Oil of Worm Gearbox: A Review	Advances in Mechanical and Materials Technology, ISBN 978-981-16-2793-4. Volume 47, Part 17 , Jan 2022 https://doi.org/10.1007/978-981-16-2794-1_100	1153-1161	
14	Manoj M. Ghadmode, Bhagwan U. Sonawane, and Udaysinh S. Bhapkar	Experimental investigation of tailor welded blanks of dissimilar aluminum alloys	Materials Today: Proceedings, 2021, ISSN 2214-7853, https://doi.org/10.1016/j.matpr.2021.10.095 .		
15	Abhijeet Zade, B. U. Sonawane	Experimental Investigation of Material Behaviour in Single Point Incremental Forming using Static Tool Condition for Aluminium Alloy	International Journal of Mechanical and Production Engineering (IJMPE)-IJMPE, Volume-9, Issue-9, August 2021	26-30	
16	Jayant S. Karajagikar and B. U. Sonawane	Reliability-Centered Maintenance (RCM) Approach for a Process Industry: Case Study	Optimization Methods in Engineering. Publisher: Springer, Singapore https://doi.org/10.1007/978-981-15-4550-4_26	429-442	3
Dr. M. D. Jaybhaye					
17	Puja P. More and M. D. Jaybhaye	Wear Particle Analysis Using Fractal Techniques	Advances in Mechanical Engineering, Lecture Notes in Mechanical Engineering, https://doi.org/10.1007/978-981-15-3639-7_21	179-188	1
18	Puja Prakash More and Maheshwar D. Jaybhaye	Wear particles recognition through teachable machine	Industrial Lubrication and Tribology 74/2 (2022) 274–281 © Emerald Publishing Limited [ISSN 0036-8792] [DOI 10.1108/ILT-11-2021-0438]	274-281	

19	Puja P. More, M. D. Jaybhaye	Wear Pattern and Debris Analysis in Gearbox System	J Fail. Anal. and Preven. (2021) 21: https://doi.org/10.1007/s11668-021-01220-9	1697–1703	
20	V S Kanthale, M D Jaybhaye	Wear Analysis of Gear Box Using Natural Castor Oil Blends Through Ferrography	Journal of Failure Analysis and Prevention, 2021, Vol 22. https://doi.org/10.1007/s11668-021-01288-3	286-291	
Dr. P. D. Pantawane					
21	Sachin Ambade, Chetan Tembhurkar, Awanikumar P Patil, Prakash Pantawane, Ravi Pratap Singh	Shielded metal arc welding of AISI 409M ferritic stainless steel: study on mechanical, intergranular corrosion properties and microstructure analysis	World Journal of Engineering Publisher Emerald Publishing Limited		2
Dr. M. R. Dhanvijay					
22	Maneetkumar R Dhanvijay, BB Ahuja	EXPERIMENTAL INVESTIGATION ON ROTARY ECDM PROCESS OF AL2O3 CERAMICS	Journal of Manufacturing Technology Research Volume 13, Issue 3/4 Nova Science Publishers, Inc.	201-213	
23	Vinay A. Kulkarni, Maneetkumar R. Dhanvijay, Anand Bewoor, P. Malathi	Effectiveness of CO-PSO Formulation and Attainment with T-shape Engineer for Aligning Students Learning Outcomes with Alumni Profiles	Journal of Engineering Education Transformations, Volume No 35, January 2022, Issue: Special Issue 1, eISSN 2394-1707	153-159	
Dr. J. S. Karajagikar					
24	Jayant S. Karajagikar and B. U. Sonawane	Reliability-Centered Maintenance (RCM) Approach for a Process Industry: Case Study	Optimization Methods in Engineering. Publisher: Springer, Singapore https://doi.org/10.1007/978-981-15-4550-4_26	429-442	3
Mr. M. N. Shaikh					
25	Shaikh, M.S.N.M., Ahuja B.B.	Optimization of Electroless Nickel Tungsten Composite Coating on 3D-Printed ABS Substrate for	J. Inst. Eng. India Ser. C 103, 69-82 (2022). https://doi.org/10.1007/s40032-020-00630-2	69-82	

		Maximum Tungsten Content.			
Dr. M. S. Sawant					
26	Pravin Kumar, N.K. Jain, Mayur S Sawant	Development of theoretical models for dimensions of single-layer multi-track and multi-layer multi-track depositions by μ -PTA additive manufacturing process	Journal of Materials Research and Technology, Volume 17, 2022, ISSN 2238-7854, https://doi.org/10.1016/j.jmrt.2021.12.124 .	95-110	