

MKSSS'S Cummins College of Engineering for Women, Pune
Department of Mechanical Engineering

Academic Year of Publications: 2021-22 – Journal

Sr. No.	Author [Faculty] Name	Paper Title with DOI Link	Name of Journal	Month Yr Volume, Issue No., & Page no.	ISSN No.	Indexing	Citations	SNIP	SJR	Impact Factor	h-index
1	Suyog patil, Anand Bewoor , Rajkumar Patil	Availability Analysis of a Steam Boiler in Textile Process Industries Using Failure and Repair Data: A Case Study (https://doi.org/10.1115/1.4049007)	ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part B: Mechanical Engineering	Vol. 7, 2021	23329017	Scopus, ESCI	2				
2	Rajkumar Bhimgonda Patil, Mohamed Arezki Mellal, Anand K Bewoor , Sameer Al-Dahidi	Reliability, Maintainability, and Availability Analysis of a Computerized Numerical Control Machine Tool Using Markov Chains (DOI: 10.12700/APH.18.6.2021.6.3)	Acta Polytechnica Hungarica	Vol. 18, No. 6, 2021	17858860	Scopus, SCI	3		0.285	1.806	34
3	Beena S. Limkar, Gautam S. Chandekar	Dynamic Analysis of Sitar: A Comparative Study of Operational and Experimental Modal Analysis (https://doi.org/10.1177%2F10775463211042196)	Journal of Vibration and Control	August 2021, ID JVC-21-0252, 13 Pages	1077-5463, 1741-2986	SCI	0		0.74	2.633	68
4	Shinde Avinash , Siva Irulappasamy, Chithirai Pon Selvan, MTH Sultan, Lee Seng Hua & Yashwant Munde	Abrasive Machining Characteristics and Prediction Model for Sisal/Polyester Sandwich Composite (https://doi.org/10.1080/15440478.2021.1958427)	Journal of Natural Fibers	14 Sept 2021, 17 pages	1544-0478	SCIE	0	1.542	0.456	3.507	
5	Avinash Shinde , I. Siva, Yashwant Munde , Vishal Deore, Mohamed Thariq Hameed Sultan, Ain Umaira Md Shah and Faizal Mustapha	Testing of Silicon Rubber/Montmorillonite Nanocomposite for Mechanical and Tribological Performance (https://doi.org/10.3390/nano11113050)	Nanomaterials	12 November 2021, 14 pages	ISSN: 2079-4991	SCI	0			5.719	75
6	Ganesh Vijay More, Y. V. Hanumantha Rao, S. A. Kedar , S. H. Gawande	Biodiesel production from DK oils usig Taguchi L9 techniques: characterization and thermogravimetric study of combustion characteristics (https://doi.org/10.1007/s10973-021-11020-w)	Journal of Thermal Analysis and Calorimetry	24 July 2021, 20 pages	1588-2926 1388-6150	SCIE	1	1.063	0.521	4.755	92
7	Nilesh R. Kolhalkar , V.L.Krishnan, Anupama A.Pandit, R.G.Somkuwar, Jahier A. Shaaikh	Design and performance evaluation of novel end-effector with integrated gripper cum cutter for harvesting green house produce (10.19101/IJATEE.2021.874507)	International Journal of Advanced Technology and Engineering Exploration	Volume-8 Issue-84 November-2021, 10 pages	ISSN (Print): 2394-5443 ISSN (Online): 2394-7454	SCOPUS	1				10
8	Mithul Naidu, Ajit Bhosale , Yashwant Munde and Irulappasamy Siva	Tribological performance of hemp fibre reinforced phenolic composites: a brake pad material	International Journal of Surface Science and Engineering	Vol. 16, No. 1 March 28, 2022 pp 52-70	eISSN: 1749-7868	SCI	0	1.23	0.234	0.957	18
9	Nilesh R. Kolhalkar , V.L.Krishnan, R.G.Somkuwar, Anupama A.Pandit	Design of IoT-based Mechatronic Module for Real-Time Yield Monitoring During Harvesting of Greenhouse Produce and Vineyards	International Review of Mechanical Engineering (I.RE.M.E)	Vol.16, No.1, January 2022	ISSN 1970 - 8734 e-ISSN: 2532-5655	SCOPUS	0	0.649	0.258		

Academic Year of Publications: 2021-22 – Book Chapter

Sr. No.	Faculty Author	Chapter title	Book title	Month Yr	Publisher	ISBN no.	Citations	Issue details	Page No.
1	Yashwant Munde , Abhilasha Panigrahi, Avinash Shinde , I Siva	Bamboo fibers, their composites and applications (https://doi.org/10.1016/B978-0-12-824528-6.00001-1)	Plant Fibers, their Composites, and Applications	Jan 2022	Woodhead Publishing	978-0-12-824528-6	0		131-160
2	Sanam Shikalgar, Prachi Desai, Yashwant Munde , S Radhakrishnan, Malhari Kulkarni	Analysis of Various Parameters on Polymer Matrix Composites (https://doi.org/10.1201/9781003126300)	Polymer-Based Composites: Design, Manufacturing, and Applications	Aug 2021	CRC Press	978-1-00-312630-0	0		97-114
3	Onkar A Deorukhkar, S Radhakrishnan, Yashwant S Munde , MB Kulkarni	Polymer Nanocomposites	Polymer-Based Composites: Design, Manufacturing, and Applications	Aug 2021	CRC Press	978-1-00-312630-0	1		73-95

Academic Year of Publications: 2021-22 – Conferences Paper

Sr. No.	Author [Faculty] Name	Paper Title	Name of Conference	Volume, Issue No., (Month/Yr.) & Page no.	ISSN/ISBN No.	Indexing	Citations	SNIP	SJR	Impact Factor	h-index
1	Priyanka Y. Choudhari; Pravin Talan; Parag Chaware ; Pradnya Gaikwad	Electromechanical Fuel Control Actuator Issues in Genset Application (https://doi.org/10.1109/INDISCON53343.2021.9582191)	2021 IEEE India Council International Subsections Conference (INDISCON)	27-29 Aug. 2021	978-1-6654-3833-9		0				
2	Avinash Shinde , I Siva, Yashwant Munde	Micromechanical simulation of silicon rubber reinforced with MMT nanoclay (https://doi.org/10.1016/j.matpr.2022.04.080)	Materials Today: Proceedings (Second International Conference on Engineering Materials, Metallurgy and Manufacturing 2022)	Apr. 2022	2214-7853	SCOPUS	0	1.28	0.304	-	27
3	Mayuri Kirve, Yashwant Munde , Avinash Shinde , I Siva	Evaluation of mechanical properties of bamboo epoxy bio-composite filled with Montmorillonite Nanoclay (https://doi.org/10.1016/j.matpr.2022.03.710)	Materials Today: Proceedings (Second International Conference on Engineering Materials, Metallurgy and Manufacturing)	Apr. 2022	2214-7853	SCOPUS	0	1.28	0.304	-	27
4	Nitin Patil , Dnyaneshwar Waghole Anand Bewoor	Effects of MoS ₂ based biodegradable cutting fluids in MQL during turning of stainless steel (DOI: 10.1007/978-981-16-7282-8_21)	International Conference on Innovations in Mechanical Engineering (ICIME-21) Lecture Notes in Mechanical Engineering	First Online 2 March 2022 pp 319-328	2195-4364	SCOPUS	0				
5	Maneetkumar Dhanvijay, Vinay Kulkarni, Nitin Patil , Anand Bewoor	Development of PLC Based System for Lift Gate Slam Platform	International Conference on Materials for Emerging Technologies (ICMET-21)	18-19 February 2022			0				
6	Nivedita Daimiwal, Revati Shiram, Harish Shinde , Radhika Kulkarni, Apeksha Galewad	Oil Quality Analysis Using Image Processing	XVIII Control Instrumentation Systems Conference (CISCON 2021)	26-27 Nov. 2021			0				
7	Anand K. Bewoor, Harish M. Shinde , Ajit A. Bhosale, Pravin P Patil, S. Kaliappan and S. Socrates	Ergonomic analysis and improvement for ease of work of post engine testing activities by using RULA and REBA techniques	International Conference on Materials for Emerging Technologies (ICMET-21)	18-19 February, 2022			0				