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Department of Mechanical Engineering

Publication Details A.Y. 2022-23

Table : Publication Data

Sr. No.	Name of Authors	Paper Title	Publication Details with ISSN / ISBN / Vol. / Issue / DOI / Year	International Journal / National Journal / Book Chapter / International Conference / National Conference	Indexing (SCI / Web of Science / Scopus / UGC CARE / Google Scholar / Other)	Paper Link
1.	Prof. S.P.Joshi	Effect of Rectangular Fins on Heat Transfer Characteristics of Domestic Cookware	ISSN: 0392-8764 Vol. 40, Issue No. 4, pp. 987-992, August, 2022	International Journal of Heat and Technology	1. Web of Science 2.Emerging Sources Citation Index 3.Scopus	https://www.researchgate.net/publication/364076634_Effect_of_Rectangular_Fins_on_Heat_Transfer_Characteristics_of_Domestic_Cookware
2.	Prof. N.B.Borkar	Design and development of Multipurpose Agriculture Equipment	ISSN NO 2581-9429 Volume 3 , 49-55 'May 2023	International journal of advanced research in science, communication, and technology	Referred journal impact factor 7.301	https://ijarsct.co.in/A10880.pdf
3	Prof C V Patil	Design and Development of Variable Flow of Pesticide Sprayer for Agriculture Purpose	ISSN (Online) 2581-9429 Volume 3, Issue 14 97-101 May 2023	International Journal of Advanced Research in Science, Communication and Technology	Referred journal impact factor 7.301	https://ijarsct.co.in/Paper10806.pdf

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4	Prof.M.B. Bhambere	Comparative review on conventional and recently developed perforated fins for heat transfer enhancement	ISSN 978-0-7354-4213-9 Volume2653 Issue 1	AIP Conference proceedings (Proceedings Of International Conference On Product Design, Development, And Deployment (PDCUBE-2021)	SCOPUS Indexed	https://doi.org/10.1063/5.0110878
5	Prof K.V.Chandan	A Solar Tracking Feasibility Study for Developments in Solar Tracking System	ISSN-2352-2542 8 to 10 April-23	International conference on Innovations in Clean Energy Technologies at MNIT Bhopal	SCI	https://doi.org/10.1007/978-981-16-0235-1, Conference proceedings, Advances in Clean Energy Technologies

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Sr. No	Name of Inventor/ Faculty	Copyright Title/ Patent Title	Publication Details/ Number	Remark
1	**Dr. J G Khan**	**Development of Lean Manufacturing Implementation Model**	**Application Number: L-117468/2022**	**(Status: Published) (13/09/2022)**
2	**Dr. S P Trikal**	**Design of Dual Axis Solar Tracker**	**Application Number: L-118120/2022**	**(Status: Published) (13/10/2022)**
3	**Prof. P A Dalke**	**Design of Centrifugal Dryer**	**337538-001**	**09/02/2022**