

S. No	Authors	Title	Type of Publication	Publisher with DoI	Date of Publication	Link
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Academic Year: 2020- 21

1.	Sandeep Kumar and Monika Singh	Mechanical Characterization of a Fly Ash and Glass Fibers Reinforced Hybrid Epoxy Composite	Lecture Notes in Mechanical Engineering	Advances in Engineering Materials, Springer Nature; DOI 10.1007/978-981-33-6029-7_2	Aug' 2020	https://doi.org/10.1007/978-981-33-6029-7_2
2.	Arvind Kumar Singh and Nitin Agarwal	An experimental analysis of the thermal performance of solar Air Heater (SAH) having two different Absorber Plate along with PCM based Energy Storage	Lecture Notes in Mechanical Engineering	Advances in Fluid and Thermal Engineering, Springer Nature; DOI 10.1007/978-981-16-0159-0_2	Aug' 2020	https://doi.org/10.1007/978-981-16-0159-0_2
3.	Mohd Talha Khan, Deepak Singh and Udit Vasishtha	Impact of casting parameters on surface roughness and hardness of squeeze cast beta brass	Lecture Notes in Mechanical Engineering	Advances in Industrial and Production Engineering, Springer Nature; DOI 10.1007/978-981-33-4320-7_82	Aug' 2020	https://doi.org/10.1007/978-981-33-4320-7_82
4.	Mohd Asjad, Kumar Arpit and Pravesh Chandra	Design and fabrication of a model for filtration and Power generation from Sewage water (SHURJA)	International Journal	International Journal of Advance Engineering Science and Technology, MIT Transactions 100-104, Vol. 2 Issue 3	Aug' 2020	-
5.	Munish Chhabra and Vijay Singh	Experimental investigation of effect of squeeze pressure on casting of Bronze alloy	International Journal	International Journal of Advance Engineering Science and Technology, MIT Transactions 105-112, Vol. 2 Issue 3	Aug' 2020	-
6.	Pravesh Chandra, Mumtaz Khan, Nuzair Khan	Robotic Arm to take sample of infected person for COVID -19 test	International Journal	International Journal of Advance Engineering Science and Technology, MIT Transactions 25-27, Vol. 4 Issue 1	Jan' 2021	-


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7.	Deepak Singh and Munish Chhabra	Experimental investigation on squeeze casting of Brass alloy	International Journal	International Journal of Advance Engineering Science and Technology, MIT Transactions 28-36, Vol. 4 Issue 1	Jan' 2021	
8.	Ganesh Kumar Sharma and Bhavya Nidhi Vats	A comparative study on mechanical and tribological properties of different grades of tool steels	Conference Paper	Materials Today: Proceedings DOI 10.1016/j.matpr.2021.02.275	Feb' 2021	https://doi.org/10.1016/j.matpr.2021.02.275
9.	Pravesh Chandra, Anurag Mudgal and Jatin Patel	Challenges and Benefits of Multi effect distillation over other techniques for waste water treatment: A review	Conference Paper	Advances in thermal – fluids engineering ATFE - 2021	March' 2021	-
10.	Arvind Kumar Singh, Nitin Agarwal, Abhishek Saxena	Effect of extended geometry filled with and without phase change material on the thermal performance of solar air heater	International Journal	Journal of Energy Storage, Elsevier DOI 10.1016/j.est.2021.102627	Apr' 2021	https://doi.org/10.1016/j.est.2021.102627
11.	Abhishek Saxena, Arvind Kumar Singh and M. Karakilci	Thermal Performance Evaluation of A modified solar water heater integrated with parabolic trough concentrator	Book Chapter	Solar Water Heating, Nova Science Publishers, Inc ISBN: 978-1-53619-320-6	Apr' 2021	-


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Academic Year: 2019- 20

1.	Nitin Agarwal	Green House gas emissions due to the construction of Residential buildings in Moradabad, India	International Journal	Applied Ecology and Environmental Research; DOI 10.15666/aeer/1705_121112126	July' 2019	https://doi.org/10.15666/aeer/1705_121112126
2.	Abhishek Saxena	Performance evaluation and optimization of solar assisted air heater with discrete multiple arc shaped ribs	International Journal	Journal of Energy Storage, Elsevier DOI 10.1016/j.est.2019.100978	Sept' 2019	https://doi.org/10.1016/j.est.2019.100978
3.	Abhishek Saxena	Performance analysis of a novel solar desalination system – Part 1: The unit with sensible energy storage and booster reflector without thermal insulation and cooling system	International Journal	Sustainable Energy Technologies and Assessments, Elsevier DOI 10.1016/j.seta.2019.100566	Nov' 2019	https://doi.org/10.1016/j.seta.2019.100566
4.	Abhishek Saxena	Design and thermal performance evaluation of an air heater with low cost thermal energy storage	International Journal	Applied Thermal Engineering, Elsevier DOI 10.1016/j.applthermaleng.2019.114768	Dec' 2019	https://doi.org/10.1016/j.applthermaleng.2019.114768
5.	Parul Gupta	A supply chain management based patient forecasting model for dental hospital	International Journal	Journal of Critical reviews DOI 10.31838/jcr.07.03.76	Jan' 2020	https://doi.org/10.31838/jcr.07.03.76
6.	Mohd. Talha Khan	Variables of Service Quality Facilitating Client Contentment in Indian Bike Industries	International Journal	International Journal of Innovative Technology and Exploring Engineering (IJITEE) DOI 10.35940/ijitee.E3149.049620	Apr' 2020	https://doi.org/10.35940/ijitee.E3149.049620
7.	Abhishek Saxena	Design and thermal performance investigation of a box cooker with flexible solar collector tubes: An experimental research	International Journal	Energy, Elsevier DOI 10.1016/j.energy.2020.118144	June' 2020	https://doi.org/10.1016/j.energy.2020.118144

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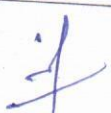
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Academic Year: 2018 -19

1.	Shubham Vyas, Prashant Singh	Experimental comparison of open sun drying and solar drying based on evacuated tube collector	International Journal (Scopus)	International Journal of Sustainable Energy, Taylor & Francis DOI 10.1080/14786451.2018.1505726	July 2018	https://doi.org/10.1080/14786451.2018.1505726
2.	Sandeep Kumar	Fabrication of a hybrid fibre glass reinforced epoxy composite using fly ash as a filler material	International Conference Paper	International Conference on Materials for Energy Applications (ICME-18)	Dec 2018	-
3.	Monika Singh	Case Study- Solid waste in India is adverse to society	International Conference Paper	International Conference on Materials for Energy Applications (ICME-18)	Dec 2018	-
4.	Monika Singh	Solid Waste management through plasma arc gasification in Delhi; A step towards Swachh Bharat Abhiyan	Book Chapter	Advances in Industrial and Production Engineering Lecture Notes in Mechanical Engineering. Springer, Singapore DOI 10.1007/978-981-13-6412-9_42	Apr 2019	https://doi.org/10.1007/978-981-13-6412-9_42
5.	Bhavya Nidhi Vats, Ganesh Sharma	Framework the food supply chain network in the present Indian scenario	Book Chapter	Advances in Industrial and Production Engineering. Lecture Notes in Mechanical Engineering. Springer, Singapore. DOI 10.1007/978-981-13-6412-9_44	Apr 2019	https://doi.org/10.1007/978-981-13-6412-9_44
6.	Ganesh kumar sharma, Deepak	Tribology of steel-steel contact: Comb-cutter assembly for Sheep hair shearing device developed	International Conference Paper	Rural Technology Development and Delivery. Design Science and	Apr 2019	https://doi.org/10.1007/978-981-13-6412-9_44


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	Kumar, Prof. S.K.Saha	at IIT Delhi		Innovation. Springer, Singapore DOI 10.1007/978-981-13-6435-8_11		13-6435-8_11
7.	Bhavya Nidhi Vats, Monika Singh	Evaluation of Tribological properties dispersed grapheme oxide paraffin oil	International Conference Paper	Materials Today Proceedings Elsevier DOI 10.1016/j.matpr.2019.06.376	June 2019	https://doi.org/10.1016/j.matpr.2019.06.376
8.	M.Talha Khan	Technology Entrepreneurship capability development in Indian automotive industry	Book Chapter	Advances in Interdisciplinary Engineering. Lecture Notes in Mechanical Engineering. Springer, Singapore. DOI 10.1007/978-981-13-6577-5_53	June 2019	https://doi.org/10.1007/978-981-13-6577-5_53
9.	M.Talha Khan	Green Energy; A building block for smart city in India	Book Chapter	Advances in Interdisciplinary Engineering. Lecture Notes in Mechanical Engineering. Springer, Singapore. DOI 10.1007/978-981-13-6577-5_54	June 2019	https://doi.org/10.1007/978-981-13-6577-5_54


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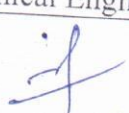
S. N o.	Authors	Title	Type of Publication	Publisher with DoI	Date of Publication	Link
Academic Year: 2017-18						
1.	Dr. Abhishek Saxena	Performance Evaluation of a Solar Cooker with Low Cost Heat Storage Material	International Journal (Cross Ref)	International Journal of Sustainable and Green Energy Volume 6, Issue 4, July 2017, Pages: 57-63 DOI: 10.11648/j.ijrse.20170604.12	July 2017	https://doi.org/10.11648/j.ijrse.20170604.12
2.	Dr. Abhishek Saxena	Solar food processing and cooling methodologies	Book Chapter	Applications of Solar Energy. Energy, Environment, and Sustainability. Springer, Singapore. DOI: 10.1007/978-981-10-7206-2_13	Nov 2017	https://doi.org/10.1007/978-981-10-7206-2_13
3.	Dr. Abhishek Saxena ¹ Dr. Nitin Agarwal ²	Performance characteristics of a new hybrid solar cooker with air duct	International Journal (SCI Expanded)	Solar Energy Volume 159, 1 January 2018, Pages 628-637 DOI: 10.1016/j.solener.2017.11.043	Dec 2017	https://doi.org/10.1016/j.solener.2017.11.043
4.	Mohd Talha Khan	A Hybrid approach bases on AHP and TOPSIS for two wheeler automobile selection	International Conference Paper	1 st International conference on New Frontiers in Engineering science & Technology (NFEST) at Delhi Technological University, New Delhi, India	Jan 2018	-


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Academic Year 2016 -2017

1.	Medhavi Kamraan, Abhishek Saxena	A comprehensive study on 3D printing technology	International Journal	M.I.T., Int. Journal of Mechanical Engineering ISSN Vol 6 No. 2 ISSN: 2230-7680	Aug 2016	-
2.	Pravesh chandra Dr. Sumit Sen, Manoj K Jain	Evaluating sampling strategies for rainfall simulation studies	International Journal	M.I.T., Int. Journal of Mechanical Engineering ISSN Vol 6 No. 2 ISSN: 2230-7680	Aug 2016	-
3.	Sanjay Singh Tomar, Ankit Gupta	Effect of Various Cutouts on the Natural Frequency of the Laminated Composite Plate	International Journal	M.I.T., Int. Journal of Mechanical Engineering ISSN Vol 6 No. 2 ISSN: 2230-7680	Aug 2016	-
4.	Atul Sharma, Amit Sharma	Identification of Risks and its mitigation in Supply Chain Management	International Journal	M.I.T., Int. Journal of Mechanical Engineering ISSN Vol 6 No. 2 ISSN: 2230-7680	Aug 2016	-
5.	Sachin Kawatra, OP Sahani	Parametric Study of Reservoir Lock Gate Structures considering Fluid Interaction	International Journal	M.I.T., Int. Journal of Mechanical Engineering ISSN Vol 6 No. 2 ISSN: 2230-7680	Aug 2016	-
6.	Sandeep Kumar	Preparation of Glass Ceramics from Blast Furnace Slag	International Journal	M.I.T., Int. Journal of Mechanical Engineering ISSN Vol 6 No. 2 ISSN: 2230-7680	Aug 2016	-
7.	Ankit Gupta, Mohammad Talha	An assessment of a non-polynomial based higher order shear and normal deformation theory for vibration response of gradient plates with initial geometric imperfections.	International Journal (SCI)	Composites Part B Engineering, 107: 141-161 (2016); DOI:10.1016/j.compositesb.2016.09.071 (Elsevier) (I.F. 4.727)	Sep 2016	https://doi.org/10.1016/j.compositesb.2016.09.071
8.	Ankit Gupta, M Talha	Assessment of Second Order Normal Deformation Plate Theory For Free Vibration Analysis of Functionally Graded Plates With Mixed Boundary Constraints	International Journal	The International Journal of Acoustics and Vibration, , Vol. 23, No. 4, 2018 (pp. 483 - 491) DOI: 10.20855/ijav.2018.23.412 21 4		https://doi.org/10.20855/ijav.2018.23.412214
9.	Ankit Gupta, M	A New Trigonometric Higher-Order Shear and	International	ASME 2016 International Mechanical Engineering	Feb 2017	https://doi.org/10.1


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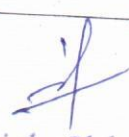
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	Talha	Normal Deformation Theory for Functionally Graded Plates	Conference Paper	Congress and Exposition IMECE2016-66771, V001T03A010; 8 pages DOI 10.1115/IMECE2016-66771		115/IMECE2016-66771
10	Ankit Gupta, Mohammad Talha	Large amplitude free flexural vibration analysis of finite element modeled FGM plates using new hyperbolic shear and normal deformation theory	International Journal (SCI)	Aerospace Science and Technology, 67: 287-308 (2017), DOI 10.1016/j.ast.2017.04.015. (Elsevier) (I.F. 2.01)	Apr 2017	https://doi.org/10.1016/j.ast.2017.04.015
11	Dr. Munish Chhabra Dr. Rupinder Singh	Experimental Investigation for the Hardness of Castings Produced by Using ZCast Process	International Journal (SCI)	Transactions of the Indian Institute of Metals, Volume 71, Issue 1, pp 153-166 DOI 10.1007/s12666-017-1148-0	May 2017	https://doi.org/10.1007/s12666-017-1148-0
12	Ankit Gupta, Mohammad Talha	Nonlinear flexural and vibration response of geometrically imperfect gradient plates using hyperbolic higher-order shear and normal deformation theory.	International Journal (SCI)	Composites Part B Engineering, 123: 241-261 (2016); DOI 10.1016/j.compositesb.2017.05.010. (Elsevier) (I.F. 4.727)	May 2017	http://dx.doi.org/10.1016/j.compositesb.2017.05.010
13	Akeel Ahmad, Ahsan Kamal Ansari, Pravesh Chandra	Design and fabrication of Compressed Solar Air Conditioner	Journal	International Research Journal of Engineering and Technology, ISSN : 2395- 0072	May 2017	-
14	Akshat Sharma, Akshay Kumar Sharma, Aeshwary Mudgal, Sandeep Kumar	The Effect Of Alumina And Titania On The Mechanical Properties Of Epoxy Resin	Journal	International Research Journal of Engineering and Technology, ISSN : 2395- 0072	May 2017	-


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