

### 3.4.5 – Number of research Publications in the Journals notified on UGC website during the year

2017

S.No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
1	Glass transition temperature of functionalized graphene epoxy composites using molecular dynamics simulation	Yadav A., Kumar A., Singh P.K., Sharma K	Department of Mechanical Engineering	Integrated Ferroelectrics	2017	1607-8489	tandfonline.com/doi/abs/10.1080/10584587.2017.1370331
2	Heat Transfer Augmentation and Flow Characteristics in Ribbed Triangular Duct Solar Air Heater: An experimental Analysis,	Bhardwaj G., Varun, Kumar R., Sharma A.,	Department of Mechanical Engineering	International Journal of Green Energy, Taylor & Francis	2017	1543-5083	https://www.tandfonline.com/doi/abs/10.1080/15435075.2017.1307751
3	Flow Behaviour of TiHy 600 Alloy under Hot Deformation using Gleeble 3800	Kodli B.K., Karre R., Saxena K.K., Pancholi V., Dey S.R., Bhattacharjee A	Department of Mechanical Engineering	Advances in Material and Processing Technologies, Taylor & Francis	2017	2374-0698	https://www.tandfonline.com/doi/abs/10.1080/2374068X.2017.1342065?journalCode=tmpt20
4	A Novel Approach to Understand the Deformation Behaviour in Two Phase Region using Processing Map	Saxena K. K., Pancholi V., Jha S. K., Chaudhari G. P., Srivastava D., Dey G. K	Department of Mechanical Engineering	Journal of Alloy and Compound	2017	0925-8388	https://www.sciencedirect.com/science/article/abs/pii/S0925838817306230
5	Role of activation energies of individual phases in two phase range on constitutive equation of Zr-2.5Nb-0.5Cu	Saxena K. K., Jha S. K., Pancholi V., Chaudhari G. P., Srivastava D., Dey G. K., Saibaba N	Department of Mechanical Engineering	Transactions of Nonferrous Metals Society of China	2017	1003-6326	https://www.sciencedirect.com/science/article/abs/pii/S1003632617600207

6	Experimental Evaluation of Flat Plate Solar Collector using Nanofluid, Energy Conversion and Management	Verma S.K., Tiwari A.K., Chauhan D.S.,	Department of Mechanical Engineering	Energy Conversion and Management	2017	0196-8904	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0196890416311232">https://www.sciencedirect.com/science/article/abs/pii/S0196890416311232</a>
7	Processing map-microstructure evolution correlation of hot compressed near alpha titanium alloy (TiHy 600),	Kumar B.K., Saxena K.K., Dey S.R., Pancholi V., Bhattacharjee A	Department of Mechanical Engineering	Journal of Alloys and Compounds	2017	0925-8388	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0925838816327037">https://www.sciencedirect.com/science/article/abs/pii/S0925838816327037</a>
8	Mechanical Properties of Aluminum Sheets after Accumulative Roll Bonding Using Two and Four-High Rolling Mill	Sharma S., Singh R.P. and Kumar S	Department of Mechanical Engineering	Global Journal of Advanced Engineering Technologies and Sciences	2017	2349-0292	<a href="https://www.researchgate.net/publication/334031536_Impact_Factor_2675_GLOBAL_JOURNAL_OF_ADVANCED_ENGINEERING_TECHNOLOGIES_AND_SCIENCES_MECHANICAL_PROPERTIES_OF_ALUMINUM_SHEETS_AFTER_ACCUMULATIVE_ROLL_BONDING_USING_TWO_AND_FOUR-HIGH_ROLLING_MILL">https://www.researchgate.net/publication/334031536_Impact_Factor_2675_GLOBAL_JOURNAL_OF_ADVANCED_ENGINEERING_TECHNOLOGIES_AND_SCIENCES_MECHANICAL_PROPERTIES_OF_ALUMINUM_SHEETS_AFTER_ACCUMULATIVE_ROLL_BONDING_USING_TWO_AND_FOUR-HIGH_ROLLING_MILL</a>

<b>Impact factor</b>	<b>Indexing</b>
0.624	SCI
0.5	SCI
0.532	SCOPUS
4.65	SCI
2.615	SCI

8.208	SCI
4.65	SCI
2.675	other