

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
(An Autonomous College u/s 2 (f) and 12 (B) of UGC Act 1956)
DEPARTMENT OF MECHANICAL ENGINEERING

FACULTY PUBLICATIONS IN INTERNATIONAL/NATIONAL JOURNALS (2015 – 2018)

YEAR 2017-18							
S. No	Authors	Title of paper	Name of Journal, Vol. No and Year	ISSN (if any)	DOI (if any)	SCI(Yes /No)	Impact Factor
1	Singh H., Singh H. , Singh P.	Economics of Grid-Connected Distributed Captive PV Power Plants near Villages in India	International Journal of Advance Engineering and Research Development, Volume 5, Issue 01, January -2018	2348-6406	-----	-----	4.72
2	Singh H., Singh H. , Singh P.	Grid-Connected Distributed Captive PV Power Plants For Ludhiana District - A Case Study	International Journal of Advance Engineering and Research Development Volume 5, Issue 02, February -2018	2348-6406	-----	-----	5.71
3	Vasudev H., Singh H. , Thakur L, Bansal A.	Mechanical and microstructural behaviour of wear resistant coatings on cast iron lathe machine beds and slides	Kovove Materialy · February 2018	-----	10.4149/km_2018_1_5 5	-----	-----
4	Singh P., Singh H.	Performance Investigation Of A New Latent Thermal Energy Storage System Under Discharging Mode	Journal of Engineering Computers & Applied Sciences(JECAS) Volume 7, No.3, March 2018	2319-5606	-----	-----	-----
5	Singh H., Singh H. , Singh P.	Technical Barrier to Market Driven Growth of Solar Electricity for Rural Areas of India	International Journal of Latest Engineering Research and Applications, Volume – 03, Issue – 01, January 2018, PP – 49-60.	2455-7137	-----	-----	-----
6	Kumar, R, Bilga, P.S. , Singh, S	Multiple objective optimization using different methods of assigning weights to energy consumption responses, surface roughness and material removal rate during rough turning operation.	Journal of Cleaner Production, Vol. 164, P 45-57, 2017	0959-6526	10.1016/j.jclepro.2017.06.077	-----	5.715

7	Singh, S, Bilga, P.S. , Saini, T.S.	Optimization of Quality of energy Consumption and Some Weld Quality Response Parameters in Gas Tungsten Arc Welding.	International Journal of Latest Trends in Engineering and Technology, Special Issue AFTMME-2017, P 069-076, 2017.	2278-621X	10.21172	-----	Cosmos IF-4.490 Global IF-0.685
8	Wadhwa P.K, Bilga, P.S.	Development of Aircraft Safety Program Model to Handle Human Factors Under Emergency Conditions.	Journal of Aerospace Engineering and Technology, Vol. 7, Issue 2, 2017.	2348-7887	-----	-----	-----
9	Singh, J. and Singh H.	Continuous Improvement Strategies across manufacturing SMEs of Northern India-An Empirical Investigation	International Journal of Lean Six Sigma, Vol. 8, No. 2, 2017.	2040-4166	10.1108/ijlss-05-2016-0019	-----	-----
10	Kapoor D, Saini R, Kapoor J	Study the Machining Performance of EN36 Steel Under Different Cutting Conditions	International Journal Of Material Science and Engineering (IJMSE), January-June 2017	-----	-----	-----	-----
11	Kapoor J , Singh T	To Study the Effect of Silica based Yttrium Cerium Hybrid Sol-gel Coating on Hot Corrosion of Boiler Steel (MS210)	International Journal Of Engineering and Advanced Technology (IJEAT), Vol. No. 6, Issue-NASET17, February 2017	2249-8958	-----	-----	-----
12	Singh K, Ahuja I S, Kapoor J , Kapoor D	A Study on the Tool Geometry and Stresses Induced in Tool in Ultrasonic Machining Process Applied for the Tough and Brittle Materials	International Journal Of Engineering and Advanced Technology (IJEAT), Vol. No. 6, Issue-NASET17, February 2017	2249-8958	-----	-----	-----
13	Singh K, Ahuja I S, Kapoor J	Study the Effect of Abrasive (AL2O3 & SIC) in Ultrasonic Machining of Plain Glass	International Journal Of Material Science and Engineering (IJMSE), January-June 2017	-----	-----	-----	-----
14	Singh M, Singh P, Singh H	Parametric Optimization of Vibration assisted Magnetic Abrasive Finishing Process	IJETMAS, Vol. No. 5, Issue 1, January 2017	2349-4476	-----	-----	-----
15	Singh J., Dhawan V., Khangura S S. , Pannu A.	Effect of Alkali Treatment on Mechanical Properties of Jute, Sisal, Banana, Hamp and Abaca Fibers For Polymer Composite	International Journal of Mechanical Engineering and Technology, Vol. 8, Issue 7, P 1775-1784,2017.	0976-8340	-----	-----	-----

	S., Sarath S.	Reinforcement.					
16	Malhotra S., Sandhu A.S., Singh P., Pannu A S.	Performance of Nylone-6 Rod w.r.t Extrusion Process.	International Journal of Advanced Multi- disciplinary Research, Vol. 4, Issue 6, 2017.	2393-8870	10.22192/ijamr	-----	-----
17	Pannu A S, Singh S, Dhawan V,	Development of Natural Fiber reinforced fully biodegradable composite rod	IJMSE, Vol. 8, 2017	2315-4527	10.17706/ijmse	-----	-----
18	Pannu A S., Dhawan V., Khangura S S.	A Review on Sisal, Jute and Bamboo Based Natural Fibers.	ELK Asia Pacific Journals-Special Issue.	-----	-----	-----	-----
19	Vasudev H., Singh H., Thakur L., Grewal J.S.	Investigation on microstructural and mechanical properties of HVOF sprayed Inconel-718 coatings on grey cast iron	IJSRST Volume 4 Issue 2 Print	2395-6011	-----	-----	-----
20	Vasudev H., Singh H., Thakur L	A Review On Tribo-Corrosion Of Coatings In Glass Manufacturing Industry And Performance Of Coating Techniques Against High Temperature Corrosion And Wear	i-manager's Journal on Material Science, Vol. 5 No. 3 October - December 2017	-----	-----	-----	-----
21	Dhand D,	Experimental Studies in Fine Finishing of Balls	IJAMR, January-June, 2017	-----	-----	-----	-----
22	Goel B, Singh S, Ramagopal V. Sarepaka	Optimisation of machining parameters for single point diamond turning of chromium zirconium copper alloy C18150 using Taguchi and grey relational analysis.	Int. J. Machining and Machinability of Materials, Vol. 19, No. 2, 2017.	-----	-----	-----	-----
23	Singh, J. and Singh H.	Modelling of barriers and initiatives of continuous improvement approach for enhancing the performance of SMEs of Northern India	International of Services and Operations Management(In press 2017)	-----	-----	-----	-----
24	Singh J.,	Impact of Six Sigma approach	International Journal of Business	-----	10.1504/ijbcm.2017.1	-----	-----

	Singh H., Gill G.S. and Sandhu A.S.	on SMEs of Northern India-An Empirical Investigation'	Continuity and Risk Management		004444		
25	Jain A., Bhatti R.S. and Singh H.	An ISM approach to identify key success factors behind the TPM implementation in Indian SMEs",	International Journal of Productivity and Quality Management(In press 2017)	-----	-----	-----	-----
26	Singh J., Singh H. , Singh A. and Singh G.	Impact of Six Sigma approach on SMEs of Northern India-An Empirical Investigation	International Journal of Business Continuity and Risk Management (In press 2017)	-----	-----	-----	-----
27	Singh, R., Singh J. and Singh H.	Experimental Investigation for Shore Hardness of ABS Replicas Fabricated by Fused Deposition Modelling and Vapor Smoothing Process	International Journal of Advanced Mechatronics and Robotics	-----	10.1108/RPJ-04-2014-0052	-----	-----
28	Singh R., Singh J. and Singh H.	Mathematical modeling for hardness of SS-316L implants prepared as rapid investment casting for batch production	Journal of Manufacturing Processes (In press 2017)	-----	-----	-----	-----
29	Singh, R., Singh, J. and Singh H.	Experimental investigations for dimensional accuracy and surface finish of polyurethane prototypes fabricated by indirect rapid tooling: A case study	Progress in Additive Manufacturing	-----	10.1007/s40964/017/0024/0	-----	-----
30	Singh, J. and Singh H.	Success of TPM concept in a manufacturing unit- A case study	International Journal of Productivity and Performance Management (In press 2017)	-----	-----	-----	-----
31	Singh, J. and Singh H.	Enigma of KAIZEN approach in Manufacturing Industry of	International Journal of Quality & Reliability Management	-----	-----	-----	-----

		Northern India- A Case Study'	(In press 2017)				
32	Jain, A., Bhatti R.S. and Singh H.	Implementation of Maintenance Management (MM), a TPM pillar, in a Medium Size Industry for the Optimization of Maintenance cost: A Case Study	The IUP Journal of Operations Management(In press 2017)	-----	-----	-----	-----
33	Singh, J. and Singh H.	Hybrid Methodology for enhancing the performance of manufacturing organization using CI strategies	Udyog Pragati Journal (In press 2017)	-----	-----	-----	-----
34	Singh, J. and Singh H.	Assessment of Continuous Improvement Initiatives for improving performance of SMEs of Northern India-An Empirical Investigation	Productivity Journal (In press 2017)	-----	-----	-----	-----
35	Singh, J., Gandhi S. K. and Singh H.	Success of Total Productive Maintenance in a manufacturing unit- A case study	Udyog Pragati Journal (In press 2017)	-----	-----	-----	-----
36	Farwaha, H.S. , Deepak, D., Gupta, V.K.	Investigation of Flexural Behavior of Coconut Fiber Reinforced/Recycled High Density Polyethylene.	International Journal of Advanced Mechatronics and Robotics, P 67-73, 2017.	0975-6108	-----	-----	-----
37	Babbar, A., Singh, P., Farwaha, H.S.	Regression Model and Optimization of Magnetic Abrasive Finishing of Flat Brass Plate.	Indian Journal of Science and Technology, Vol. 10(31), 2017.	0974-6846	10.17485/ijst/2017/v10i31/113860	-----	-----
YEAR 2016							
1	Singh, K., Singh, R. and Singh H.	Experimental Investigations for Development of Nylon6-Al- Al2O3 Alternative FDM Filament	Rapid Prototyping Journal, Vol. 22, No. 2, 2016	-----	10.1108/rpj-04-2014-0052	-----	-----
2	Singh, K., Singh, R. and Singh H.	Development of Rapid Tooling Using Fused Deposition Modeling: A Review	Rapid Prototyping Journal, Vol. 22, No. 2, 2016	1355-2546	10.1108/RPJ-04-2014-0048	-----	-----
3	Singh, K.,	Wear behavior of FDM parts	Rapid Prototyping Journal, Vol. 22, No. 2,	-----	10.1108/RPJ-06-2014-	-----	-----

	Singh, R. and Singh H.	fabricated by composite material feed stock filament	2016		0076		
4	Singh, K., Singh, R. and Singh H.	Process optimization of single screw extruder for development of Nylon6-Al-Al ₂ O ₃ alternative FDM Filament	Rapid Prototyping Journal, Vol. 22, No. 4, 2016	1355-2546	10.1108/RPJ-09-2014-0119	-----	-----
5	Singh, T., Singh, P. Dureja, J.S., Dogra, M., Singh H. and Bhatti, M.S.	A review of near dry machining/minimum quantity lubrication machining of difficult to machine alloys	International Journal of Machining and Machinability of Materials, Vol. 18, No. 3, 2016	1748-5711	10.1504/IJMMM.2016.076276	-----	-----
6	Sharma, S.D. and Singh H.	Energy saving using DMAIC approach in milk plant - A case study	International Research Journal of Engineering and Technology, Vol. 3, No.2, 2016	2395-0056	-----	-----	4.45
7	Singh, K., Singh, R. and Singh H.	Modeling and optimization of extrusion process parameters for the development of Nylon6–Al–Al ₂ O ₃ alternative FDM filament	Progress in Additive Manufacturing, Vol.1, No.1, 2016	-----	10.1007/s40964-016-0011-x	-----	-----
8	Singh, J., Singh, R. and Singh H.	Repeatability of linear and radial dimension of ABS replicas fabricated by fused deposition modelling and chemical vapor smoothing process: A case study	Measurement, Vol. 94, No.1, 2016	0263-2241	10.1016/J.measurement.2016.07.064	-----	-----
9	Singh, J. and Singh H.	TPM-State of Art Review	Udyog Pragati Journal, Vol.40, No.1, January-March 2016	-----	-----	-----	-----
10	Singh, J. and Singh H.	Evaluation of Kaizen technique across manufacturing unit-A case study	Productivity, Vol. 57, No.1, 2016	-----	-----	-----	-----
11	Singh, J. and Singh H.	Continuous Improvement Initiatives across SMEs of Northern India-An Empirical Investigation	Udyog Pragati Journal, Vol 40, No.2, April-June 2016	-----	-----	-----	-----
12	Singh, J.,	Investigation of role of human		-----	-----	-----	-----

	Gandhi, S. K. and Singh H	factors in performing maintenance activities	Udyog Pragati Journal, Vol 40, No.2, April-June 2016				
13	Singh K, Singh G, Singh H	Friction Stir Welding of Magnesium Alloys: A Review	Asian Review of Mechanical Engineering, Vol. No. 1, Jan-June 2016	2249-6289	-----	-----	-----
14	Singh P, Singh J	Application of Value Engineering on Chassis Component for HCV-A Case Study	International Journal of Knowledge Engineering Vol. 2, No. 1, March 2016	2382-6185	10.18178/ijke.2016.2.1.050	-----	-----
15	Gurmeet Kaur	Analysis of micro Vickers hardness of friction stir Welding of dissimilar aluminum alloys (AA6061-T6 and AA6082-T6)	Indian Journal of science and technology, Vol. No. 9(36), Sept 2016	0974-6846	10.17485	-----	-----
17	Farwaha H S Singh S, Singh G	Design & performance of magnetic abrasive finishing set up for finishing of extended surfaces	Asian Review of Mechanical Engineering (International Journal) Volume 5 Number 1, pp. 1-4, January-June 2016	2249-6289	-----	-----	-----
19	Goel B, Singh S, Ramagopal V. Sarepaka	Precision Deterministic Machining of Polymethyl Methacrylate by Single Point Diamond Turning.	Materials and Manufacturing Processes 17 march, 2016.	1042-6914	10.1080/10426914..2016.1140186	-----	-----
20	Sharma S M, Singh S, Singh B, Javaid M, Asjad M	Some investigations on low back pain amongst workers involved in lifting tasks.	Int. J. Procurement Management Vol. 9, No. 6, 2016.	-----	10.1504/ijpm.2016.079979	-----	-----
22	Bilga, P.S., Wadhwa P.K	Development of UML-based Safety Program Model for Handling Human Factors under Emergency Conditions	International Journal of Engineering Technology, Management and Applied Sciences, Volume 4, Issue 4, 2016.	2349-4476	-----	-----	2.24

23	Bilga P.S., Singh S., Kumar, R.	Optimization of Energy Consumption Response Parameters for Turning Operation using Taguchi Method	Journal of Cleaner Production Volume 137, 2016.	0959-6526	10.1016/j.jclepro.2016.07.2203	-----	4.959
24	Singh J., Singh H., Singh D. and Singh K.	Evaluating lean thinking using value stream mapping in manufacturing industry – A case study	International Journal of Productivity and Quality Management, 2016.	1746-6482	-----	-----	-----
25	Singh J., Singh H., Singh D. and Singh V.	Six Sigma methodology for reducing defects in manufacturing Industry-A case study	International Journal of Indian Culture and Business Management, 2016.	1753-0814	-----	-----	-----
26	Singh R., Singh J. and Singh H.	Dimensional accuracy and surface finish of biomedical implant fabricated as Rapid Investment casting for small to medium quantity production	Journal of Manufacturing Processes, 2016.	-----	10.1016/j.jmapro.2016.11.012	-----	-----
29	Singh A, Dhawan R, Garg R	Ranking of Spray Cooling technique using fuzzy scale and permanent of matrix	International Journal of R&D in Engineering Science and Management, Vol.4, Issue 1, May 2016,	2393-865x	-----	No	1.312
30	Singh A, Dhawan R, Garg R	Attributes Based Comparison of high heat transfer cooling techniques using Graph theoretic present of Matrix approach	International Journal of R&D in Engineering Science and Management, Vol.4, Issue 1, May 2016,	2393-865x	-----	No	1.312
31	Dhawan R, Singh A, Garg R	Deep X-Ray lithography for fabrication of micro gas bearing : A Review	International Journal of R&D in Engineering, Science and Management, Vol.4, Issue 1, May 2016,	2393-865x	-----	No	1.312

32	Garg R, Dhawan R, Singh A	Improving Efficiency of Catalytic Converter by reduction in Cold Start emissions: A Solution	International Journal of R&D in Engineering, Science and Management, Vol.3, Issue 6, March 2016,	2393-865x	-----	No	1.312
33	Mehra R, Oberoi H S, Singh A	A Review on process parameters of Electro Discharge Machining Technique	Journal of Engineering Technologies and Innovative Research (JETIR), Vol. 3, Issue 5, May 2016,	2349-5162	-----	No	4.14
YEAR 2015							
S. No.	Authors	Title of Publication	Journal Name, Vol., Iss., pp.	ISSN	DOI (if any)	SCI (Yes/No)	Impact Factor
1	Aggarwal, V., Singh, S. and Garg, R. K.	Parametric Modeling and Optimization for Wire Electrical Discharge Machining of Inconel 718 using Response Surface Methodology	The International Journal of Advanced Manufacturing Technology, volume 79, pp. 31-47 (2015)	0268-3768	10.1007/s00170-015-6797-8	YES	1.23
2	Singh, J. and Singh, H.	Continuous Improvement Philosophy – Literature Review and Directions	Benchmarking: An International Journal, Vol. 22, Iss. 1, pp. 75-119.	1463-5771	10.1108/BIJ-06-2012-0038	No	0.55
3	Brar, G. S. and Mittal, G.	Impact of Powder Metallurgy Electrode in Electric Discharge Machining of H-13 Steel	Applied Mechanics and Materials, Vol. 705, pp. 34-38.	1662-7482	10.4028/www.scientific.net/AMM.705.34	No	0.13
4	Goel B, Singh S, Ramagopal V. Sarepaka	Optimizing Single Point Diamond Turning for Mono-Crystalline Germanium Using Grey Relational Analysis.	Materials and Manufacturing Processes, 2015.	-----	10.1080/10426914.2014.984207	-----	-----
5	Singh R., Singh J. and Singh H.	Investigations for improving the surface finish of EDM based ABS replicas by chemical vapor smoothing process: A case study	Assembly Automation, 2015.	-----	-10.1108/AA-12-2015-127	-----	-----
6	Singh J, Singh P.	Assessment of procurement-Demand of milk plant using quality control tools: a case study	International Journal of Social, Behavioral, Education, Economics, Business and Industrial Engineering Vol. 9 No. 10, 2015	-----	-----	-----	-----
7	Singh P, Singh J	Performance Evaluation of Single Basin Solar Still	International Journal of Environment, Chemical, Ecological, Geological, and Geophysical Engineering	-----	Scholar.waset.org/1999.5/10002356	-----	-----

			Vol.9, No.10, 2015				
8	Singh H., Singh L. P., Singh A., Bilga P.S.	Evaluation and prioritization of factors affecting energy expenditure of workers engaged in manual material handling using Analytical Hierarchy Process	International Journal of the Analytic Hierarchy Process Vol. 7 Issue 3, 2015.	1936-6744	10.13033/ijahp.v7i3.293	-----	-----
9	Singh J, Singh P	Assessment of procurement-Demand of milk plant using quality control tools: a case study	International Journal of Social, Behavioral, Education, Economics, Business and Industrial Engineering Vol. 9 No. 10, 2015	-----	Scholar.waset.org/1999.5/10002463	-----	-----
11	Jain A., Bhatti R.S. and Singh H.	OEE Enhancement in SMEs through Mobile Maintenance: A TPM concept	International Journal of Quality and Reliability Management, Vol. 32, No. 5, 2015	0265-671X	-----	-----	-----
12	Singh K., Singh R. and Singh H.	Process capability analysis of three dimensional printing as cost-effective rapid casting solution for low melting alloys	International Journal of Rapid Manufacturing, Vol. 5 , No. 2, 2015	1757-8817	10.1504/IJRAPIDM.2015.073574	-----	-----
13	Singh K., Singh R. and Singh H.	Comparison of tribological behaviour for Nylon6-Al-Al 2 O 3 and ABS parts fabricated by fused deposition modelling	Virtual and Physical Prototyping, Vol. 10, No. 2, 2015	-----	10.1080/17452759.2015.1037402	-----	-----
14	Singh H., Singh L., Singh A. and Bilga P.S.	Evaluation and prioritization of factors affecting energy expenditure of workers engaged in manual material handling using analytical hierarchy process	International Journal of the Analytic Hierarchy Process, Vol. 7, No. 3, 2015	1936-6744	10.13033/ijahp.v7i3.293	-----	-----
15	Kumar, R. Singh, T. and Singh H.	Solid waste-based hybrid natural fiber polymeric composites	Journal of Reinforced Plastics and Composites, Vol. 34, No. 23, 2015	-----	10.1177/0731684415599596	-----	-----

16	Chandel R, Singh H and Kumar R	Assessment of heat loss factors in coal based boiler running in thermal power plants in coal based boiler running in thermal power	International Journal of Applied Engineering Research, Vol. 10 No. 54, 2015	-----	-----	-----	-----
17	Singh S, Singh H. and Kumar R.	Criticality analysis of equipments under maintenance policy by using multi criteria decision making	International Journal of Applied Engineering Research Vol. 10, No. 54, 2015	-----	-----	-----	-----
18	Singh J. and Singh H.	Just in Time Manufacturing – literature review and case study	Udyog Pragati Journal, Vol. 39, No.4, 2015	-----	-----	-----	-----
19	Singh J. and Singh H.	Performance Enhancement of a manufacturing unit of Northern India using Continuous Improvement Strategies – A Case Study	Productivity Journal, Vol. 56, No. 1, April-June 2015	-----	https://doi.org/10.1504/ijpqm.2014.063165	-----	-----
20	Kapoor J, SalariaS	Study the Internal Surface and Geometric Characteristics of cylindrical workpiece in ECH	International Journal of Advancements in Mechanical and Aeronautical Engineering (IJAMAE), Vol. No. 2, Issue 1, 2015	2372-4153	-----	-----	-----
21	Kapoor J	Parametric Investigations into Bore Honing Through Response Surface Methodology	Materials Science Forum, Vol. 808, 2015	-----	10.4028/www.scientific.net/MSF.808.11	-----	-----
22	Bains P S, Singh H	A Review on Packed Bed Solar Energy Storage System	International Journal of Applied Engineering Research, Vol. No. 10, March 2015(Special Issue)	0973-4562	https://doi.org/10.1016/jrser.2009.10.022	-----	-----
25	Chopra S, Sandhu A S	Micromachining oh H11 Hot Die Steel using EDM	International Journal of Applied Engineering Research, Vol. No. 10 No. 54, 2015	0973-4562	-----	-----	-----
28	Pannu A S, Singh S, Dhawan V	A Review on Sisal, Jute and bamboo based natural fibres	ELK Asia Pacific Journals, Vol. 2, 2015	978-81-930411-4-7	-----	-----	-----
29	Farwaha H S	Economic load dispatch containing loss coefficient	International Research Journal of Engg. & Technology Vol:02 Issue: 05 Aug-2015	2395-0056	-----	-----	-----

30	Singh M Singh R Singh J	A compulsory-aided system for life cycle assessment of measure die-casting process	IJAERD Vol 1 Issue 4 april-2015	e-133N-2348-4470 p-133N-2348-6906	10.21090/IJAERD 02046	NO	3.134
31	Singh H, Singh R, Sham R, Singh M	Improve the mechanical properties of GFRD by hybondig with particle modified epoxy	IJESIRD Vol.2 Issue 1 July 2015	B-133N: 2349-6185	-----	NO	-----
32	Singh V, Singh H, Singh S	Drug Inventory Management of a Pharmacy store by combined ABD-Ved Analysis	IRD India, Vol. No. 3, Issue 5, 2015	2321-5747	-----	-----	-----
33	Singh A, Aggarwal V.P	CFD Simulation of Spray Cooling Review and Problems	International Journal of Engineering Technology Management and Applied Science, March, 2015.	2349-4476	-----	No	2.24

YEAR 2014							
1	Kumar, H., Singh, S. and Kumar, P.	Surface Finishing and Modification of Brass Tube by Magnetically Assisted Cold Worked Stainless Steel Pins	Journal of Tribology and Surface Engineering, Vol. 3, Iss. 3-4, pp.	1949-4866	-----	No	-----
2	Goel, B., Singh, S. and Sarepaka, R. V.	Optimizing Single Point Diamond Turning for Mono- Crystalline Germanium using Grey Relational Analysis	Materials and Manufacturing Processes, In Press	1042-6914	10.1080/10426914.201 4.984207	YES	0.94
3	Garg, R. K., Aggarwal, V. and Singh S.	Effect of Wire Materials on Cutting Performance of WEDM for Machining of Inconel Superalloy	Applied Mechanics and Materials, Vol. 624, pp. 124-128.	1662-7482	10.4028/www.scientifi c.net/AMM.624.124	No	0.13
4	Dhawan, V., Singh, S. and Singh, I.	Predicting Drilling Forces and Delamination in GFRP Laminates using Fuzzy Logic	International Journal of Materials Forming and Machining Processes (IJMFMP), Vol. 1, Iss. 2, pp. 32-43.	2334-4563	10.4018/ijmfmp.20140 70103	No	-----
5	Singh, G. and Singh, S.	Effects of different variables on magnetic abrasive powder in mechanical alloying method	International Journal of Engineering Research and Applications (IJERA), Vol. AET-29th March 2014, pp. 66-70.	2248-9622	-----	No	-----
6	Bhanot, N. and Singh, H.	Benchmarking the Performance Indicators of Indian Railway Container Business using Data Envelopment Analysis	Benchmarking: An International Journal, Vol. 21, Iss. 1, pp. 101-120.	1463-5771	10.1108/BIJ-05-2012- 0031	No	0.55
7	Singh, J. and Singh, H.	Performance Enhancement of a Manufacturing Industry by using Continuous Improvement Strategies - A Case Study	International Journal of Productivity and Quality Management, Vol. 14, No. 1, pp. 36-65.	1746-6482	10.1504/IJPQM.2014. 063165	No	0.33
8	Jain, A., BhattiR.S. and Singh, H.	Total Productive Maintenance (TPM): A Proposed Model for Indian SMEs	International Journal of Mechanical and Production Engineering Research and Development, Vol. 4, Iss. 1, pp. 1-22.	2249-6890	-----	No	-----
9	Singh, J. and Singh, H.	Role of CI enablers for improving the performance of Manufacturing Industry of Northern India	International Journal of Productivity and Quality Management, Vol. 14, No. 2, pp. 179-195.	1746-6482	10.1504/IJPQM.2014. 064475	No	0.33
10	Jain, A., Bhatti, R. S. and Singh, H.	Total Productive Maintenance (TPM) Implementation Practice: A Literature Review and Directions	International Journal of Lean Six Sigma, Vol. 5, Iss. 3, pp. 293-323.	2040-4166	10.1108/IJLSS-06- 2013-0032	No	-----

12	Kapoor, J., Bhagal, R	Tribological Properties in Electro Deposition on Ni-TiO ₂ Composite Coating on Tungsten Carbide Cutting Tool	International Journal of Engineering and technology in India, 5(1&2): 38-43	2230-9284	10.15740/HAS/ETI/5.1 and 2/38-43	No	-----
12	Khundrakpam, N. S., Kumar, S., Singh, A. and Brar, G. S.	Study and Analysis of Zinc PMEDM Process Parameters on MRR	International Journal of Emerging Technology and Advanced Engineering, Vol. 4, Iss. 3, pp. 541-546.	2250-2459	-----	No	-----
13	Sekhon, M. S., Brar, G. S. and Singh, S.	A six sigma approach to detect forging defects in a small scale industry: A case study	International Journal of Engineering and Technical Research (IJETR), Vol. 2, Iss. 8, pp. 33-40.	2321-0869	-----	No	-----
14	Brar, G. S. and Singh, S.	An Experimental and CFD Analysis of Sloshing in a Tanker	Procedia Technology, vol. 14, pp. 490-496.	2212-0173	10.1016/j.protcy.2014.08.062	No	-----
15	Khundrakpam, N. S., Singh, H., Kumar, S. and Brar, G.S.	Investigation and Modeling of Silicon Powder Mixed EDM using Response Surface Method	International Journal of Current Engineering and Technology, Vol. 4, No. 2, 2014, pp. 1022-1026.	2277-4106	-----	No	-----
16	Brar, G. S. and Singh, C. S.	FEA of Residual Stress in Cruciform Welded Joint of Hollow Sectional Tubes	Journal of Constructional Steel Research, Vol. 102, 2014, pp. 44-58.	0143-974X	10.1016/j.csr.2014.06.011	YES	2.052
17	Sharma, P. Thareja, P. Brar, G. S., Ucharia, V. and Kanwar, R. S.	Time Reduction using Change Concept for Agility- A Case Study	International Journal of Research in Advent Technology, Vol. 2, No. 10, pp. 72-76.	2321-9637	-----	No	-----
YEAR 2013							
1	Dhawan, V., Singh, S. and Singh, I.	Prediction of Delamination Factor in Drilling Glass Fiber Reinforced Epoxy Plastics Using Neural Networks	International Journal of Research in Engineering and Applied Sciences, Vol. 2, Iss. 2, pp. 155-168.	2249-3905	-----	No	-----

2	Singh, S., Dhawan, V., Singh, I.	Predictive Modeling of Delamination, Thrust Force and Torque in Drilling of GFRP using ANFIS	International Journal of Advanced Manufacturing Systems, Vol. 4, No. 1, pp. 1-15.	2229-5860	-----	No	-----
3	Dhawan, V., Singh, S. and Singh, I.	Effect of Natural Fillers on Mechanical Properties of GFRP Composites	Journal of Composites, Vol. 2013, Article ID 792620, 8 Pages.	2314-5968	10.1155/2013/792620	No	-----
4	Kumar, H., Singh, S. and Kumar, P.	Magnetic Abrasive Finishing - A Review	International Journal of Engineering Research & Technology, Vol. 2, Iss. 3, pp. 1-8.	2278-0181	-----	No	-----
5	Kumar, H., Singh, S. and Kumar, P.	Modified Shot Peening Processes – A Review	International Journal of Engineering Sciences & Emerging Technologies, Vol. 5, Iss. 1, pp. 12-19.	2231 – 6604	-----	No	-----
6	Kapoor, J., Khamba, J. S. and Singh, S.	Effect of Different Wire Electrodes on the Performance of WEDM	Material Science Form, Vol. 751, No. 27, pp. 27-34.	1662-9752	10.4028/www.scientific.net/MSF.751.27	No	-----
7	Singh, H. and Singh, A.	Application of Lean Manufacturing using Value Stream Mapping in an Auto-Parts Manufacturing Unit	Journal of Advances in Management Research, Vol. 10, No. 1, pp. 72-84.	0972-7981	10.1108/09727981311327776	No	-----
8	Singh, H. and Kakkar, R.	Hybrid methodology for measuring the utilization of advance manufacturing technologies using AHP and TOPSIS	Benchmarking: An International Journal, Vol. 20, Iss. 2, pp. 169-185.	1463-5771	10.1108/14635771311307669	No	0.55
9	Singh, H. and Khamba, J. S.	A Case Study of Indian Manufacturing Organisation for Utilisation of Advanced Manufacturing Technologies	International Journal of Indian Culture and Business Management, Vol. 7, No. 2, pp. 226-239.	1753-0814	10.1504/IJICBM.2013.055506	No	-----
10	Sadioura, A. S., Singh, R. and Singh, H.	Machinability Index Evaluation: A Case Study of Carbide Inserts	Applied Mechanics and Materials, Vol. 330, Iss. 86, pp. 86-90.	1662-7482	10.4028/www.scientific.net/AMM.330.86	No	0.13
11	Singh, H., Saini, R. P. and Saini, J. S.	Performance of a Packed Bed Solar Energy Storage System Having Large Sized Elements with Low Void Fraction	Solar Energy, Vol. 87, pp.22-34.	0038- 092X	10.1016/j.solener.2012.10.004	YES	2.291

12	Brar, G. S., Hari, Y. and Williams, D. K.	Fourier Series Analysis of a Cylinder Pressure Vessel Subjected to Axial End Load and External Pressure	International Journal of Pressure Vessels and Piping, Vol. 107, pp. 27-37.	0308-0161	10.1016/j.ijpvp.2013.0 3.008	YES	1.394
13	Singh, P., Singh, P. P., Singh, J. and Singh, R. I.	Performance evaluation of Micro-Stepped Solar Still	International Journal on Theoretical and Applied Research in Mechanical Engineering (IJTARME), Vol. 2, Iss. 1, pp. 70-74.	2319-3182	10.1214/IJTARME/59	No	-----
14	Singh, H., Vaishya, R. O., Singh, K., Mishra, V. and Sarepaka, R. V.	Analysis of Surface Roughness and Waviness During Diamond Turning of Polycarbonate	International Journal of Scientific Research, Vol. 2, Issue. 6, pp. 268-270.	2277-8179	10.15373/22778179/ju ne2013/85	No	-----
15	Singh, K., Vaishya, R. O., Singh, H., Mishra, V. and Sarepaka, R. V.	Investigation of Tool Life & Surface Roughness During Single Point Diamond Turning of Silicon	International Journal of Scientific Research, Vol. 2, Iss. 6, pp. 265-267.	2277-8179	10.15373/22778179/ju ne2013/84	No	-----
16	Singh, J. and Singh, H.	Continuous Improvement Strategies: An Overview	The IUP Journal of Operations Management, Vol. 9, No.1, pp. 32-57.	0972-6888	http://ssrn.com/abstract =2255815	No	-----
17	Singh, J. and Singh, H.	Level of Usage of Continuous Improvement Strategies in SMEs of Northern India	UdyogPragati Journal, Vol. 37, No. 4, pp. 1-8.	0970-3365	-----	No	-----