

PUBLICATIONS

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
Design of thinned concentric circular antenna arrays using firefly Algorithm	Urvinder Singh, Munish Rattan	ECE	Microwaves, Antennas & Propagation, IET	2014	ISSN: 1751-8725	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=4126157
Investigation on order and width of RZ super Gaussian pulse in different WDM systems at 40 Gb/s using dispersion compensating fibers	Gurinder Singh, Ameeta Seehra, Sukhbir Singh	ECE	Optik -International Journal for light and Electron Optics (Elsevier)	2014	ISSN: 347-5162	https://www.journals.elsevier.com/optik/
A Review Paper on Clustering in Data Mining	Kuljit Kaur, Kanwarpreet Singh Attwal	CSE	An International Journal of Engineering Sciences	2014	2229-6913	63019
Improved GAF in Wireless Sensor Network	Jagpreet Singh, Vivek Thapar	CSE	International Journal of Research in Advent Technology	2014	2321-9637	48768
Speech Enhancement of Punjabi Language at Phoneme Level using Digital Signal Processing Techniques	Jaismine Jassal, Manjot Kaur Gill	CSE	International Journal of Research in Advent Technology	2014	2321-9637	48768
Proposed Algorithm of Sentiment Analysis for Punjabi Text	Amandeep Kaur, Vishal Gupta	CSE	Journal of Emerging Technologies in Web Intelligence(JETWI) SCOPUS INDEXED	2014	1798-0461	https://www.scopus.com
An optimized Neural Network Model for Relative Humidity Prediction	Shaminder Singh, Jasmeen Gill	CSE	International Journal of Research in Advent Technology	2014	2321-9637	48768
On the Analysis of Global and Local Robust Image Watermarking Using Zernike Moments	Ekta Walia, Shailja, Anu Suneja	CSE	International Journal of Computer Vision and Image Processing	2014	2155-6997	63162
Congestion management considering optimal placement of distributed generator in deregulated power system networks	Singh, K., Yadav, V.K., Padhy, N.P., Sharma, J.	EE	Electric Power Components and Systems	2014		
Effect of process parameters on hardness of hip joint developed by combining fused deposition modelling and investment casting	Rupinder Singh, S. Singh, P. Kapoor	Production	Transactions of the Indian Institute of Metals	2014	0975-1645	https://www.scopus.com
Investigations of Al-SiC MMC prepared by vacuum moulding assisted stir casting	Rupinder Singh, G. Singh	Production	Journal of manufacturing processes	2014	1526-6125	https://www.scopus.com
Experimental Investigations for surface hardness of SiC-Al ₂ O ₃ reinforced AMC prepared by combining vacuum moulding and stir casting	Rupinder Singh, Debashis Podder	Production	Int. Jol. of mechanical engineering and material science	2014	2198-2791	https://www.scopus.com
Mathematical modeling of surface roughness of castings produced using ZCast direct metal casting	M. Chhabra, Rupinder Singh	Production	Journal of the Institution of Engineers (India): Series C	2014	2250-0553	https://www.scopus.com

Experimental investigations for dimensional accuracy of Al-SiC composites prepared by vacuum moulding assisted stir casting using plastic pattern	Rupinder Singh, Gagandeep Singh	Production	Int. Jol. of manufacturing science and engineering	2014	1528-8935	https://www.scopus.com/
Cast component hardness comparison for investment casting prepared with wax and ABS patterns	Rupinder Singh, Gurpartap Singh	Production	Transactions of the Indian Institute of Metals	2014	0975-1645	https://www.scopus.com/
Investigation for surface quality improvement of barrel finished FDM pattern based vacuum moulding	Rupinder Singh, Manjinder Singh	Production	Asian review of mechanical engineering	2014	2249 - 6289	
Some investigations on hardness of investment casting process after advancements in shell moulding for reduction in cycle time	Rupinder Singh, Vishal Mahajan	Production	Journal of the Institution of Engineers (India): Series C	2014	2250-0553	https://www.scopus.com/
A hybrid Taguchi-ANN approach to predict surface roughness during electric discharge machining of titanium alloys	S. Kumar, Ajay Batish, Rupinder Singh, Tajinder Pal Singh	Production	Journal of mechanical science and technology	2014	1976-3824	https://www.scopus.com/
A two dimensional fibre reinforced micropolar thermoelastic problem for a half-space subjected to mechanical force	Ailawalia Praveen, Sachdeva Sunil Kumar, Pathania Devinder	Applied Science	Int.J.of. Theoretical and applied Mechanics	2015	1429-2955	https://www.scopus.com/
Two-dimensional deformation in microstretch thermoelastic half space with micro temperatures and internal heat source	PraveenAilawalia, Sunil Sachdeva, Devinder Singh	Applied Science	Cogent Mathematics	2015	2331-1835	https://mjl.clarivate.com/
Optimization of the Return Loss of Differentially Fed Microstrip Patch Antenna Using ANN and Firefly Algorithm	Rupinder Kaur, Munish Rattan	ECE	Wireless Personal Communications	2015	ISSN: 0929-6212.	https://www.springer.com/
A Review of Latest Techniques to Secure Wireless Networks against ARP Poisoning Attacks	Goldendeep Kaur, Jyoteesh Malhotra	CSE	International Journal of Future Generation Communication and Networking (ESCI indexed)	2015	2233-7857	https://www.scopus.com/sourceid/21100447121
ARP Spoofing Detection Algorithm: An Effective Approach	Goldendeep Kaur, Jyoteesh Malhotra	CSE	American International Journal of Research in Science, Technology, Engineering & Mathematics	2015	2328-3580	44933
Effective System analysis and design by using the Unified Modeling Language (UML)	Daljeet Singh, Palak Mahajan, Vivek Kumar	CSE	International Journal of Research in Electronics and Computer Engineering	2015	2348-2281	44816
Various Approaches of Object Oriented Methodologies and Development by using the Unified Modeling Language (UML) to Design an Effective System	Daljeet Singh, Palak Mahajan, Vivek Kumar	CSE	International Journal of Research in Electronics and Computer Engineering	2015	2348-2281	44816
Energy Optimization in an industrial building: a case study of Henkel India Pvt Ltd.	Arvind Dhingra, Shivender Singh Mehta	EE	International Journal of Advanced Research in Electrical, Electronics and instrumentation	2015	2278-8875	

Demand side management based on power quality parameters with special reference to industrial loads	Arvind Dhingra, Shimpy Maheshwari	EE	International Journal of current engineering and scientific research	2015	2394-0697	
Continuous improvement philosophy – literature review and directions	Singh J., Singh H.	ME	Benchmarking	2015	1463-5771	https://www.emeraldgroup.com/
OEE enhancement in SMEs through mobile maintenance: A TPM concept	Jain A., Bhatti R.S., Singh H.	ME	International Journal of Quality and Reliability Management	2015	0265-671X	https://www.emerald.com/
A novel intelligent software-based approach to predict forces and delamination during drilling of fiber-reinforced plastics	Dhawan, Vikas; Debnath, Kishore; Singh, Inderdeep; Singh, Sehijpal	ME	Proceedings Of The Institution Of Mechanical Engineers Part L-Journal Of Materials-Design And Applications	2015	1464-4207	https://journals.sagepub.com/
Parametric modeling and optimization for wire electrical discharge machining of Inconel 718 using response surface methodology	Aggarwal, Vivek; Khangura, Sehijpal Singh; Garg, R. K.	ME	International Journal Of Advanced Manufacturing Technology	2015	1433-3015	https://www.springer.com/
Dimensionless analysis for modelling surface finish in conventional investment casting	Rupinder Singh, Sunpreet Singh	Production	Jol. of Mechanical Engineering, Transaction of the Mechanical Engineering Division, The Institution of Engineers, Bangladesh	2015	0379-4318	https://www.scopus.com/
Dimensionless analysis for obtaining desired surface finish of plastic replicas prepared by hybrid vacuum casting	Rupinder Singh, Sunpreet Singh	Production	Surface Topography: Metrology and Properties,	2015	2051-672X	https://www.scopus.com/
Wear Modelling of Al-Al ₂ O ₃ functionally graded material prepared by FDM assisted investment castings using dimensionless analysis	Sunpreet Singh, Rupinder Singh	Production	Jol. of Manufacturing processes	2015	1526-6125	https://www.scopus.com/
Comparison of wear behavior of ABS and Nylon6-Fe powder composite parts prepared with fused deposition modelling	Harish Garg, Rupinder Singh	Production	Jol. of Central South University	2015	1672-7207	https://www.scopus.com/
Process capability analysis of three dimensional printing as cost effective rapid casting solution for low melting alloys	Kamaljit Singh Boparai, Rupinder Singh, H.Singh	Production	International Jol. of Rapid Manufacturing	2015	1757-8817	https://www.scopus.com/
Mathematical modeling for surface hardness in FDM assisted vacuum moulding of Al-SiC metal matrix composite	Sanjeev Kumar and Rupinder Singh	Production	Additive Manufacturing Journal (Awarded Best Paper Award)	2015	2214-8604 / 2214-7810	https://mjl.clarivate.com/search-results?issn=2214-8604&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

Effect of single, double and triple particle size SiC and Al ₂ O ₃ reinforcement on wear properties of AMC prepared by stir casting in vacuum mould	Rupinder Singh, D. Podder, Sunpreet Singh	Production	Transactions of the Indian Institute of Metals, An International Journal of Minerals, Metals and Material Engineering	2015	0975-1645	https://www.scopus.com
Investigations on dimensional accuracy of the components prepared by hybrid investment casting	Parlad Garg, Rupinder Singh, IPS Ahuja	Production	Jol. of Manufacturing Processes	2015	1526-6125	https://www.scopus.com
Application of Fault tree analysis for evaluating reliability and risk assessment of a thermal power plant	Navneet Singh Bhangu, G.L.Pahuja, Rupinder Singh	Production	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2015	1556-7036	https://www.scopus.com
Comparison of tribological behavior of Nylon6-Al ₂ O ₃ and ABS parts fabricated by fused deposition modeling	Kamaljit Singh Boparai, Rupinder Singh, Harwinder Singh	Production	Virtual and Physical Prototyping	2015	1745-2767	https://www.scopus.com
Investigations for statistically controlled resistance spot welding solution of stainless steel	Rupinder Singh, Sunpreet Singh	Production	Jol. of Mechanical Engineering	2015	2198-2791	https://www.scopus.com
Some investigations on Fe-Nylon 6 based hybrid FDM filament	Harish K Garg, Rupinder Singh	Production	Int. Jol. of mechanical engineering and material science,	2015	2198-2791	https://www.scopus.com
Development of Aluminium Matrix Composite using hybrid FDM pattern for investment casting applications	Sunpreet Singh, Rupinder Singh	Production	Int. Jol. of mechanical engineering and material science	2015	2198-2791	https://www.scopus.com
Experimental Investigation on Weight of Barrel Finished FDM Patterns	Rupinder Singh, Alok Trivedi	Production	Int. Jol. of manufacturing science and engineering	2015	1528-8935	https://www.scopus.com
A mathematical model to predict material removal rate during electric discharge machining of cryogenically treated titanium alloys	Sanjeev Kumar, Ajay Batish, Rupinder Singh, T.P. Singh	Production	Journal of Engineering Manufacturing	2015	1528-8935	https://www.scopus.com
Process capability analysis for resistance spot welding solution of stainless steel joints	Rupinder Singh	Production	Int. Jol. of manufacturing science and engineering	2015	1528-8935	https://www.scopus.com
Development of Aluminium MMC with Hybrid Reinforcement- A Review	Swarandeep Singh, Rupinder Singh, S.S. Gill	Production	Advancement in manufacturing process (Special topic volume), Materials science forum	2015	2095-3127 / 2195-3597	https://mjl.clarivate.com/search-results?issn=2095-3127&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

Development of new composite materials for rapid tooling using fused deposition modelling	Harish Garg, Rupinder Singh	Production	Advancement in manufacturing process (Special topic volume), Materials science forum	2015	2095-3127 / 2195-3597	https://mjl.clarivate.com/search-results?issn=2095-3127&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Mathematical modeling of sensitization in resistance spot welding of SS	Rupinder Singh	Production	Advancement in manufacturing process (Special topic volume), Materials science forum	2015	2095-3127 / 2195-3597	https://mjl.clarivate.com/search-results?issn=2095-3127&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Investigations for mechanical properties of hybrid investment casting: A case study	Parlad Garg, Rupinder Singh, Inderpreet S Ahuja	Production	Advancement in manufacturing process (Special topic volume), Materials science forum	2015	2095-3127 / 2195-3597	https://mjl.clarivate.com/search-results?issn=2095-3127&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Modeling of dimensional accuracy in three dimensional printing for light alloy casting	R.ajesh Kumar, Rupinder Singh, IPS Ahuja	Production	Advancement in manufacturing process (Special topic volume), Materials science forum	2015	2095-3127 / 2195-3597	https://mjl.clarivate.com/search-results?issn=2095-3127&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Study the surface characteristics of cryogenically treated tool electrodes in Powder mixed EDM Process	S. Kumar, A. Batish, Rupinder Singh, T.P. Singh	Production	Advancement in manufacturing process (Special topic volume), Materials science forum	2015	2095-3127 / 2195-3597	https://mjl.clarivate.com/search-results?issn=2095-3127&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Development of nylon based FDM filament for rapid tooling application	Rupinder Singh, S. Singh	Production	Journal of the Institution of Engineers (India)	2015	2250-2130	https://www.scopus.com
Experimental and analytical analysis of light alloy shell castings using three dimensional printing	R. Kumar, I.P.S. Ahuja, Rupinder Singh	Production	International Journal of Advance Research and Innovation	2015	ISSN 2249-6289	
Some investigations on surface quality of aluminium matrix composite developed using modified FDM pattern based rapid investment casting	Rupinder Singh, J.Singh, S. Singh	Production	Asian journal of engineering and applied technology,	2015	2249-068X	https://www.researchgate.net
Investigations for statistically controlled TIG welding solution of 304 SS	Rupinder Singh	Production	Asian review of mechanical engineering	2015	2249-6289	

Investigations for Statistically controlled investment casting solution of FDM based ABS replicas	Rupinder Singh, Gurwinder Singh	Production	Rapid Prototyping Journal	2015	1355-2546	https://www.scopus.com
Maintenance planning and control of Blast Furnace Section: A Case Study of SAIL Bhilai	Rupinder Singh, Navneet Kumar	Production	International Journal of Indian Culture and Business Management	2015	1753-0814	https://mjl.clarivate.com/search-results?issn=1753-0806&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Modeling of surface hardness in hot chamber die casting using Buckingham's π approach	Rupinder Singh	Production	Journal of Mechanical Science and Technology	2015	1976-3824	https://www.scopus.com
Process capability analysis of fused deposition modelling for plastic components	Rupinder Singh	Production	Rapid Prototyping Journal	2015	1355-2546	https://www.scopus.com
Corrosion Studies of Thermal Sprayed HA and HA/Al ₂ O ₃ -TiO ₂ Bond Coating on 316L Stainless Steel	Bhupesh Walia, TP Singh Sarao, JS Grewal	Production	Trends in Biomaterials & Artificial Organs	2015	0971-1198	https://www.scopus.com
Bearing Capacity and Settlement Characteristics of Sand Subgrade with Vertical Reinforcement Supporting a Square Footing	Jha, J.N and Shukla, S.K	CE	International Journal of Geosynthetics and Ground Engineering	2015	ISSN: 2199-9260 (Print) 2199-9279 (Online)	https://www.scopus.com
Characterization and prediction of storm water runoff quality in sub-tropical rural catchments	Cheema P.P.S, Reddy A.S., Kaur Sukhpreet	CE	Water Resources	2015	ISSN: 0097-8078 (Print) 1608-344X (Online)	https://link.springer.com/article/10.1134/S0097807817020129
Thermomechanical interactions due to laser pulse in microstretch thermoelastic medium	Kumar R., Kumar A., Singh D.	Applied Science	Archives of Mechanics	2015	0373-2029	https://mjl.clarivate.com/
Plane strain deformation in a thermoelastic microelongated solid with internal heat source	Ailawalia P., Sachdeva S.K., Pathania D.S.	Applied Science	International Journal of Applied Mechanics and Engineering	2015	1734-4492	https://www.scopus.com
Plane wave propagation in microstretch thermoelastic medium with microtemperatures	Kumar R., Kaur M., Rajvanshi S.C.	Applied Science	JVC/Journal of Vibration and Control	2015	1077-5463	https://mjl.clarivate.com/
Effect of two temperatures and stiffness on waves propagating at the interface of two micropolar thermoelastic media	Kumara R., Kaurb M.	Applied Science	Journal of Engineering Physics and Thermophysics	2015	1062-0125	https://mjl.clarivate.com/
Antennas for Biomedical Applications	Gurveer Kaur, Amandeep Kaur, Gurpreet Kaur Toor, Balwinder Singh Dhaliwal and Shyam Sundar Pattnaik	ECE	Biomedical Engineering Letters (Springer)	2015	Print ISSN: 2093-9868	https://www.scopus.com

An Integrated Approach to ARP Poisoning and its mitigation using Empirical Paradigm	Goldendeep Kaur, Jyoteesh Malhotra	CSE	International Journal of Future Generation Communication and Networking (ESCI indexed)	2015	2233-7857	https://www.scopus.com/sourceid/21100447121
Deployment and analysis of Fingerprint Data using cloud services	Harneet Kaur, Sukhjit Singh Sehra, Sumeet Kaur Sehra	CSE	International Journal of Applied Engineering Research (Scopus Indexed Scimago 'H' Index 5)	2015	0973-9769	https://www.scopus.com/sourceid/21100217234
Routing and Wavelength Assignment Algorithms for Optical Networks: A Review	Shaminder Singh, Jasmeen Gill, Anuj Gupta	CSE	PIMT Journal of Research	2015	2278-7925	https://ugccare.unipune.ac.in/Apps1/User/User/ViewDetails?JournalId=101002763&flag=Search
Enormous Possibilities in Big Data: Trends and Applications	Jasmeen Gill, Shaminder Singh	CSE	Asian Journal of Computer Science and Technology	2015	2249-0701	45800
Future Prospects of Wireless Generations in Mobile Communication	Jasmeen Gill, Shaminder Singh	CSE	Asian Journal of Computer Science and Technology	2015	2249-0701	45800
Comparative study of Haar wavelet with numerical methods for partial differential equations	Arora, S., Singh, I., Brar, Y.S., Kumar, S.	EE	International Journal of Pure and Applied Mathematics	2015		
A Novel Elliptic Curve Cryptography Based Approach of Re-watermarking for Cheque Truncation System	Mehan, V., Dhir, R., Brar, Y.S.	EE	Journal of Discrete Mathematical Sciences and Cryptography	2015		
Tuning of COCOMO model parameters by using Bee Colony Optimization	Chalotra, S., Sehra, S.K., Brar, Y.S., Kaur, N.	EE	Indian Journal of Science and Technology	2015		
Effect of temperature variation on the service life of a riveted joint	Brar G.S., Hari Y., Ayri A.D.	ME	American Society of Mechanical Engineers, Pressure Vessels and Piping Division (Publication) PVP	2015	0277-027X	https://community.asme.org
Quality Assessment of Crowdsourced Data against Custom Recorded Map Data	SS Sehra, HS Rai, J Singh	CE	Indian Journal of Science and Technology	2015	Print ISSN : 0974-6846 Online ISSN : 0974-5645	http://www.indjst.org/
Analysis of secured Optical Orthogonal Frequency Division Multiplexed System	Harsimranjit Singh Gill, Kamaljit Singh Bhatia and Sandeep Singh Gill	ECE	Journal of Optical Communications	2017	ISSN (Online) 2191-6322, ISSN (Print) 0173-4911	https://www.scopus.com
Comparative Simulation Analysis of Process Parameters variations in 20nm Triangular FinFET	Satyam Shukla, Sandeep Singh Gill, Navneet Kaur	ECE	Active and Passive Electronic Components	2017	ISSN: 08827516	https://www.hindawi.com/journals/apec/
Optimization of CMOS Repeater Driven Interconnect RC line using Genetic Algorithm	Jasmeet Kaur, Sandeep Singh Gill, Navneet Kaur	ECE	Journal of Shanghai Jia	2017	ISSN: 10071172	https://www.scopus.com
A linear Antenna Array Failure Correction using Improved Bat Algorithm	Narwant Singh Grewal, Munish Rattan, Manjeet Singh Patterh	ECE	International Journal of RF and Microwave Computer-Aided Engineering	2017	Online ISSN:1099-047X	https://onlinelibrary.wiley

A Linear Mutually Coupled Parallel Dipole Antenna Array Failure Correction Using Bat Algorithm.	Narwant Singh Grewal, Munish Rattan, Manjeet Singh Patterh	ECE	Progress In Electromagnetics Research M	2017	ISSN: 1937-8726	https://www.scopus.com
Design and Performance Investigation of Intersatellite Optical Wireless Communication System Employing Modulation Techniques	Jaspreet Kaur, Baljeet Kaur, Kuldeepak Singh	ECE	Wireless Personnel Communication	2017	ISSN: 0929-	https://www.springer.com/journal/11277
Design and Performance analysis of bidirectional TWDM-PON employing QAM-OFDM for downstream and remodulation for upstream	Avneet Kaur, Baljeet Kaur, Kuldeepak Singh	ECE	Optik	2017	ISSN: 0030-4026 ,287-294	https://www.journals.elsevier.com/optik/
Enhancing Coverage Using Weight Based Clustering in Wireless Sensor Networks	Amandeep Kaur Sohal, Ajay K. Sharma, Neetu Sood	CSE	Wireless Personal Communications (SCI indexed)	2017	0929-6212	https://www.scopus.com/sourceid/20725
A Novel Approach for Sentiment Analysis of Punjabi Text using SVM	Amandeep Kaur, Vishal Gupta	CSE	The International Arab Journal of Information Technology (SCI indexed)	2017	2309-4524	https://www.scopus.com/sourceid/19500157821
Research Patterns and Trends in Software Effort Estimation	Sumeet Kaur Sehra, Yadwinder Singh Brar, Navdeep Kaur, Sukhjot Singh	CSE	Information and Software Technology (SCI indexed)	2017	0950-5849	https://www.scopus.com/sourceid/18732
A Systematic Literature Review of Sentiment Analysis Techniques	Jasleen Kaur, Sukhjot Singh Sehra, Sumeet Kaur Sehra	CSE	International Journal of Computer Sciences and Engineering	2017	2347-2693	63193
SPMD based time sharing intelligent approach for image denoising	Akshay Girdhar	IT	Journal of Intelligent and Fuzzy System	2017	1064-1246	https://www.scopus.com
SPMD based time sharing intelligent approach for image denoising	Sachin Bagga	IT	Journal of Intelligent and Fuzzy System	2017	1064-1246	https://www.scopus.com
Research patterns and trends in software effort estimation	Sehra, S.K., Brar, Y.S., Kaur, N., Sehra, S.S.	EE	Information and Software Technology	2017		
Comparison & Validation of Real Time Simulink model of induction furnace	Arvind Dhingra, Ashwani Kumar Sharma	EE	International Journal of Electronics, Electrical and Computational System	2017	2348-117X	
Use of Energy Efficient Motors in Rice mill industry: a case study	Arvind Dhingra, Ranjit Singh	EE	Grenze International Journal of Engineering and Technology	2017		
Dimensional accuracy and surface finish of biomedical implant fabricated as rapid investment casting for small to medium quantity production	Singh J., Singh R., Singh H.	ME	Journal of Manufacturing Processes	2017	1526-6125	https://www.scopus.com
Investigations for improving the surface finish of FDM based ABS replicas by chemical vapor smoothing process: A case study	Singh J., Singh R., Singh H.	ME	Assembly Automation	2017	0144-5154	https://mjl.clarivate.com/search-results?issn=0144-5154&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

Experimental investigations for dimensional accuracy and surface finish of polyurethane prototypes fabricated by indirect rapid tooling: a case study	Singh J., Singh R., Singh H.	ME	Progress in Additive Manufacturing	2017	2363-9520	https://www.springer.com
An ISM approach to identify key success factors behind the TPM implementation in Indian SMEs	Jain A., Bhatti R.S., Singh H.	ME	International Journal of Productivity and Quality Management	2017	1746-6482	https://www.inderscience.com
Continuous improvement strategies across manufacturing SMEs of Northern India An empirical investigation	Sraun, Jagdeep Singh; Singh, Harwinder	ME	International Journal Of Lean Six Sigma	2017	2040-4166	https://www.emerald.com
Microstructure and Characterization of Detonation Gun Sprayed Al2O3 Coating	Lakhwinder Singh, Neel Kanth Grover, Vikas Chawla, JS Grewal	Production	Asian Journal of Engineering and Applied Technology	2017	2249-068X	https://www.researchgate.net
Characterization of Nanostructured and Conventional TiAlN Coatings Deposited on AISI-304 Boiler Steel	Jasmaninder Singh Grewal, Buta Singh Sidhu, Satya Prakash	Production	Advanced Materials Research	2017	1662-8985	https://www.scopus.com
Effect of Sliding Velocity on Wear Behaviour of TiAlN Coatings	Jasmaninder Singh Grewal, Buta Singh Sidhu, Satya Prakash	Production	Advanced Materials Research	2017	1662-8985	https://www.scopus.com
A Frame Work for Printing a Dry Cell using FDM	Harpreet Singh, Rupinder Singh	Production	International Journal of Advanced Mechatronics and Robotics	2017	1729-8814	https://mjl.clarivate.com/search-results?issn=1729-8814&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Process Capability Analysis of In-House Developed ABS Graphene Blended Feedstock Filament for Electrical and Thermal Properties	Gurleen S Sandhu, Rupinder Singh	Production	International Journal of Material Science and Engineering	2017	2394 - 8884	https://www.scopus.com
Surface roughness improvement of cast components in vacuum moulding by intermediate barrel finishing of FDM patterns	Rupinder Singh, Manjinder Singh	Production	Proceedings of IMechE Part-E, Jol. of Process Mechanical Engineering	2017	2041-3009	https://www.scopus.com
Multi-objective parametric optimization using Grey-Taguchi approach for powder mixed electric discharge machining of grade-II titanium alloy with cryogenically treated electrodes	Sanjeev Kumar, Rupinder Singh, Ajay Batish, T.P. Singh	Production	Indian Journal of Engineering and Materials Sciences	2017	0971-4588	https://www.scopus.com
Enhancing Reliability of Thermal Power Plant by Implementing RCM Policy and Developing Reliability Prediction Model: A Case Study	N.S.Bhangu, G.L.Pahuja, Rupinder Singh	Production	International Journal of Systems Assurance Engineering and Management	2017	9764348	https://www.scopus.com

Experimental investigations on shore hardness of barrel finished FDM patterns	Rupinder Singh, A. Trivedi, Sunpreet Singh	Production	Sadhana	2017	0973-7677	https://www.scopus.com
Statistical Analysis for Wear of Fused Deposition Modelling Assisted Investment Casting Components	Sunpreet Singh, Rupinder Singh, Sanjeev Kumar	Production	International Journal of Material Science and Engineering,	2017	2394 - 8884	https://www.scopus.com
Study the Effect of Sensitization in GTAW Welding of Stainless Steel	Rupinder Singh, Narinder Singh	Production	International Journal of Advanced Mechatronics and Robotics	2017	1729-8814	https://mjl.clarivate.com/search-results?issn=1729-8814&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Effect of Chemical Vapour Smoothing on Surface Roughness, Dimensional Accuracy and Hardness of Dental Crowns	Ranvir Singh, Rupinder Singh, J.S.Dureja	Production	International Journal of Material Science and Engineering	2017	2394 - 8884	https://www.scopus.com
Investigations for Dimensional Accuracy of Partial Dentures Prepared by Induction Casting	Gurpartap Singh, Rupinder Singh, Sarabjit Singh	Production	International Journal of Material Science and Engineering	2017	2394 - 8884	https://www.scopus.com
Rapid Silicon Moulding for Plastic Components: A Review	Rupinder Singh, Nishant Ranjan, Narinder Singh	Production	International Journal of Material Science and Engineering	2017	2394 - 8884	https://www.scopus.com
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Experimental Investigations for Tool Life Enhancement of Single Point Cutting Tool with Cryogenic Treatment	Rupinder Singh, Narinder Singh	Production	International Journal of Advanced Mechatronics and Robotics	2017	1729-8814	https://mjl.clarivate.com/search-results?issn=1729-8814&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Development of Al Reinforced ABS and PA6 Prototypes by TSE and FDM for Solid State Welding Applications	Ranvijay Kumar, Rupinder Singh, IPS Ahuja	Production	International Journal of Material Science and Engineering,	2017	2394 - 8884	https://www.scopus.com
Effect of Banana Fibre Reinforcement on Mechanical and Thermal behaviour of Recycled LDPE	Piyush Bedi, Rupinder Singh, Inderpreet S Ahuja	Production	International Journal of Material Science and Engineering	2017	2394 - 8884	https://www.scopus.com
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Investigations for improving the surface finish of FDM based ABS replicas by chemical vapor smoothing process: A case study	Jaspreet Singh, Rupinder Singh, Harwinder Singh	Production	Assembly Automation	2017	0144-5154	https://mjl.clarivate.com/search-results?issn=0144-5154&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

Modeling the tool wear rate in powder mixed electro-discharge machining process using dimensional analysis of cryogenically treated electrodes	Sanjeev K, Rupinder Singh, A. Batish, T.P. Singh	Production	Proceedings of Institutions of Mechanical Engineering, Part E: Journal of Process Mechanical Engineering	2017	20413009	https://mjl.clarivate.com/search-results?issn=0954-4089&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
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Comparison of post processing techniques for improving surface roughness of ABS replicas developed on FDM	Ranvir Singh, Rupinder Singh, J.Singh Dureja	Production	International Journal of Advanced Mechatronics and Robotics	2017	1729-8814	https://mjl.clarivate.com/search-results?issn=1729-8814&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Effect of process parameters on Ra of FDM fabricated and vapor smoothed ABS replicas	D. Singh, K.S. Boparai, Rupinder Singh	Production	International Journal of Advanced Mechatronics and Robotics	2017	1729-8814	https://mjl.clarivate.com/search-results?issn=1729-8814&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

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Cold chamber die casting of aluminum alloy: A case study	Rupinder Singh	Production	Journal of Mechanical Engineering, Transaction of the Mechanical Engineering Division, The Institution of Engineers, Bangladesh	2016	0379-4318	https://www.scopus.com
Effect of process parameters on micro hardness of Al-Al ₂ O ₃ composite prepared using an alternative reinforced pattern in fused deposition modelling assisted investment casting	Sunpreet Singh, Rupinder Singh	Production	Robotics and Computer Integrated Manufacturing	2016	0736-5845	https://mjl.clarivate.com/search-results?issn=0736-5845&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Mathematical modeling of surface roughness for vapor processing of ABS parts fabricated with fused deposition modeling	Jasgurpreet S. Chohan, Rupinder Singh, K.S. Boparai	Production	Jol. of Manufacturing Processes	2016	1526-6125	https://www.scopus.com
Thermal characterization of recycled polymer for additive manufacturing applications	K.S.Boparai, Rupinder Singh, F.Fabbrocono Fernando Fraternali	Production	Composites Part B: Engineering	2016	1359-8368	https://www.scopus.com
Predictive Modeling of Surface Roughness in Ultrasonic Machining of Cryogenic Treated Ti-6Al-4V	G.K.Dhuria, Rupinder Singh, Ajay Batish	Production	Engineering Computations: International Journal for Computer-Aided Engineering and Software	2016	2644401	
Experimental investigations for use of nylon-6 industrial waste as FDM feedstock filament for investment casting applications	Sunpreet Singh, Rupinder Singh	Production	Indian Jol. of Engg. and Materials Sciences	2016	0975-1017	https://mjl.clarivate.com/search-results?issn=0971-4588&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Investigating the surface roughness of implants prepared by combining fused deposition modelling and investment casting	Rupinder Singh, S. Singh, P. Kapoor	Production	Proceedings of IMechE Part-E (Jol. of Process Mechanical Engineering)	2016	2041-3009	https://mjl.clarivate.com/search-results?issn=0954-4089&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

Effect of single particle size, double particle size and triple particle size Al_2O_3 in Nylon-6 matrix on mechanical properties of feed stock filament for FDM	Rupinder Singh, P. Bedi, F. Fraternali, IPS Ahuja	Production	Composites Part B: Engineering	2016	1359-8368	https://www.scopus.com
Parametric optimization of fused deposition modeling and vapour smoothing processes for surface finishing of biomedical implant replicas	J.S.Chohan, Rupinder Singh, K S Boparai	Production	Measurement	2016	0263-2241	https://mjl.clarivate.com/search-results?issn=0263-2241&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Waste management by recycling of polymers with reinforcement of metal powder	Rupinder Singh, Narinder Singh, F. Fabbrocino, F. Fraternali, IPS Ahuja	Production	Composites Part B: Engineering	2016	1359-8368	https://www.scopus.com
Experimental investigations for mechanical and metallurgical properties of friction stir welded recycled dissimilar polymer materials with metal powder reinforcement	Rupinder Singh, Vinay Kumar, Luciana Feo, Fernando Fraternali	Production	Composites Part B: Engineering	2016	1359-8368	https://www.scopus.com
Development of functionally graded material by fused deposition modelling assisted investment casting	Sunpreet Singh, Rupinder Singh	Production	Jol. of Manufacturing Processes	2016	1526-6125	https://www.scopus.com
Modelling and optimization of extrusion process parameters for the development of Nylon6- Al_2O_3 alternative FDM Filament	K.S. Boparai, Rupinder Singh, Harwinder Singh	Production	Progress in additive manufacturing	2016	2363-9520	https://www.springer.com
Repeatability of linear and radial dimension of ABS replicas fabricated by fused deposition modelling and chemical vapor smoothing process: A case study	Jaspreet Singh, Rupinder Singh, Harwinder Singh	Production	Measurement	2016	0263-2241	https://mjl.clarivate.com/search-results?issn=0263-2241&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Friction welding of dissimilar plastic/polymer materials with metal powder reinforcement for engineering applications	Rupinder Singh, Ranvijay Kumar, Luciana Feo, Fernando Fraternali	Production	Composites Part B: Engineering	2016	1359-8368	https://www.scopus.com

Effect of Hot Vapour Smoothing Process on Surface Hardness of FDM Parts	Rupinder Singh, Sunpreet Singh, Iqwinderpreet Singh	Production	3D printing and additive manufacturing	2016	23297662	https://mjl.clarivate.com/search-results?issn=2329-7662&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Study the effect of black layer on electrode wear ratio in powder mixed electric discharge machining of titanium alloys	Sanjeev Kumar, Ajay Batish, Rupinder Singh, Tajinderpal Singh	Production	Int. Jol. of Machining and machinability of material	2016	17485711	https://mjl.clarivate.com/search-results?issn=1960-6206&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Enhancing dimensional accuracy of FDM based biomedical implant replicas by statistically controlled vapour smoothing process	J.S.Chohan, Rupinder Singh	Production	Progress in additive manufacturing	2016	2363-9520	https://www.springer.com
Investigations for statistically controlled hot chamber die casting solution of aluminium alloys	Rupinder Singh	Production	Advanced Materials Research	2016	1662-8985	https://www.scopus.com
Modeling and analysis for hardness and structure of non-ferrous alloy castings produced using Zcast metal casting process through response surface methodology	Rajesh Kumar, Rupinder Singh and I.P.S. Ahuja	Production	Advanced Materials Research	2016	1662-8985	https://www.scopus.com
Investigation on Effect of Electrode Polarity on Machining Performance of Titanium Alloy (Grade VI) using Electric Discharge Machining (EDM) Process	Sanjeev Kumar, Rupinder Singh, A. Batish, Tajinderpal Singh	Production	Advanced Materials Research	2016	1662-8985	https://www.scopus.com
Development of in-house composite wire based feed stock filaments of fused deposition modelling for wear-resistant materials and structures	Rupinder Singh, Sunpreet Singh, Fernando Fraternali	Production	Composites Part B,	2016	1359-8368	https://www.scopus.com
Effect of cryogenic treated electrodes on sensitization in resistance spot welding of stainless steel	Rupinder Singh, R. Sharma	Production	Advanced Materials Research	2016	1662-8985	https://www.scopus.com
Effect of process parameters on surface roughness of hybrid investment casting	P.Garg, Rupinder Singh, IPS Ahuja	Production	Progress in additive manufacturing	2016	2363-9520	https://www.springer.com
Process capability study of three dimensional printing as casting solution for nonferrous alloys	Rajesh Kumar, Rupinder Singh and I.P.S. Ahuja	Production	Rapid Prototyping Journal	2016	1355-2546	https://www.scopus.com
Investigations for dimensional accuracy of AMC prepared by using Nylon6-Al-Al2O3 reinforced FDM filament in investment casting	Sunpreet Singh, Rupinder Singh	Production	Rapid Prototyping Journal	2016	1355-2546	https://www.scopus.com

Wear behavior of FDM parts fabricated by composite material feed stock filament	K.S. Boparai, Rupinder Singh, H.Singh	Production	Rapid Prototyping Journal	2016	1355-2546	https://www.scopus.com
Investigations for melt flow index of Nylon6-Fe composite based hybrid FDM filament	Harish Garg, Rupinder Singh	Production	Rapid Prototyping Journal	2016	1355-2546	https://www.scopus.com
Development of ABS based wire as feedstock filament of FDM for industrial applications	Rupinder Singh, S. Singh, Karan Mankotia	Production	Rapid Prototyping Journal	2016	1355-2546	https://www.scopus.com
Development of rapid tooling using fused deposition modeling: A review	K. S.Boparai, Rupinder Singh, H. Singh	Production	Rapid Prototyping Journal	2016	1355-2546	https://www.scopus.com
Experimental investigations for development of Nylon6-Al ₂ O ₃ alternative FDM filament	K.S. Boparai, Rupinder Singh, H. Singh	Production	Rapid Prototyping Journal	2016	1355-2546	https://www.scopus.com
Some investigations on effect of cooling rate on Al ₂ O ₃ reinforced Al-MMC prepared by vacuum moulding	Rupinder Singh, Kanwalpreet Sahni	Production	Journal of the Institution of Engineers (India)	2016	2250-0553	https://www.scopus.com
Effect of some parameters on the cast component properties in hot chamber die casting	Rupinder Singh, Harvir Singh	Production	Journal of the Institution of Engineers (India)	2016	2250-0553	https://www.scopus.com
Effect of cryogenic treatment on sensitization of 304 stainless steel in TIG welding	Rupinder Singh, R.S. Salathia	Production	Journal of the Institution of Engineers (India)	2016	2250-0553	https://www.scopus.com
Study on tribological properties of Al-Al ₂ O ₃ composites prepared through FDMAIC route using reinforced sacrificial patterns	Sunpreet Singh, Rupinder Singh	Production	Manufacturing Science and Engg.	2016	1087-1357	
Experimental investigations on hardness of the biomedical implants prepared by hybrid investment casting	Parlad Garg, IPS Ahuja, Rupinder Singh	Production	Jol. of Manufacturing Processes	2016	1526-6125	https://www.scopus.com
Characterization of Al-Al ₂ O ₃ composite prepared using reinforced fused deposition pattern in investment casting	Sunpreet Singh, Rupinder Singh	Production	Proceedings of iMechE, Part-L: Journal of Materials: Design and Applications	2016	1464-4207	https://mjl.clarivate.com/search-results?issn=1464-4207&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

Investigation for dimensional accuracy of AMC prepared by FDM assisted investment casting using Nylon-6 waste based reinforced filament	Rupinder Singh, J.Singh, Sunpreet Singh	Production	Measurement	2016	0263-2241	https://mjl.clarivate.com/search-results?issn=0263-2241&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Fused deposition modelling based rapid patterns for investment casting applications: A review	Sunpreet Singh, Rupinder Singh	Production	Rapid Prototyping Journal	2016	1355-2546	https://www.scopus.com
Performance evaluation of nature-inspired algorithms for the design of bored pile foundation by artificial neural networks	Singh Gurdeepak, Walia B.S.	CE	Neural Computing and Applications, Springer Journal,	2016	0941-0643	https://link.springer.com/article/10.1007/s00521-016-2345-1
Strength and performance of steel fibre-reinforced concrete stiffened plates	Harvinder Singh	CE	Magazine of concrete Research	2016	0024-9831	https://www.icevirtuallibrary.com/doi/abs/10.1680/jmacr.15.00043
Flexural modelling of steel-fibre-reinforced concrete member with conventional tensile rebars	Harvinder Singh	CE	Proceedings of the Institution of Civil Engineers - Structures and Buildings	2016	ISSN 0965-0911 E-ISSN 1751-7702	https://www.icevirtuallibrary.com/toc/jstbu/current
Internal heat source in thermoelastic microelongated solid under green lindsay theory	Ailawalia P., Sachdeva S.K., Pathania D.S.	Applied Science	Journal of Theoretical and Applied Mechanics (Bulgaria)	2016	1429-2955	https://www.scopus.com
Interaction due to hall current and rotation in magneto-micropolar fractional order thermoelastic half space subjected to Ramp-type heating	Rajneesh Kumar, Kulwinder Singh, Devinder Singh,	Applied Science	MULTIDISCIPLINE MODELING IN MATERIALS AND STRUCTURES	2016	1573-6105	https://mjl.clarivate.com/
Applications of Multi-criteria Decision Making in Software Engineering	Sumeet Kaur Sehra, Yadwinder Singh Brar, Navdeep Kaur	CSE	International Journal of Advanced Computer Science and Applications	2016	2156-5570	https://www.scopus.com/sourceid/21100867241
Repeatability of linear and radial dimension of ABS replicas fabricated by fused deposition modelling and chemical vapor smoothing process: A case study	Singh J., Singh R., Singh H.	ME	Measurement: Journal of the International Measurement Confederation	2016	0263-2241	https://www.journals.elsevier.com/measurement
Optimization of energy consumption response parameters for turning operation using Taguchi method	Bilga P.S., Singh S., Kumar R.	ME	Journal of Cleaner Production	2016	0959-6526	https://www.journals.elsevier.com/journal-cleaner-production
Strength behaviour of Clayey Soil Stabilized with Saw Dust Ash	Butt, W.A., Karan Gupta and Jha, J.N	CE	International Journal of Geo-Engineering	2016	ISSN: 2092-9196 (Print) 2198-2783 (Online)	https://www.springer.com/journal/40703

Computational study of effect of solvents on vibrational spectra of coumarin 500	Randhir Singh, Prabhjot Kaur, Ritika Sachdeva, J. S. Grewal, Vasant Sathe, G. S. S. Saini	Applied Science	Computational and theoretical chemistry	2018	2210-271X	https://www.scopus.com/sourceid/21000196008
Thermo-mechanical behaviour of microstretch thermoelastic medium with microtempratures subjected to input heat source	Arvind kumar,devinder singh pathania,	Applied Science	Structural integrity and life	2018	1451-3749	https://www.scopus.com/sourceid/21100455546
Propagation of rayleigh waves in a micropolar thermoelastic half-space with impedance boundary conditions	Kumar R., Singh K., Pathania D.S.	Applied Science	Materials Physics and Mechanics	2018	1605-2730	https://www.scopus.com
Elastodynamic interactions of laser pulse in microstretch thermoelastic mass diffusion medium with dual phase lag	Kumar R., Kumar A., Singh D.	Applied Science	Microsystem Technologies	2018	0946-7076	https://www.scopus.com
A novel approach for physical layer security in future-generation passive optical networks	Harsimranjit Singh Gill, Sandeep Singh Gill Kamaljit Singh Bhatia	ECE	Photonic Network Communications	2018	ISSN: 1387-974X.	https://www.springer.com/journal/11107
Comparative analysis of chirped, AMI and DPSK modulation techniques in IS-OVC system	Ravneet Kaur, Harminder Kaur	ECE	Optik	2018	ISSN: 0030-4026	https://www.journals.elsevier.com/optik/
Performance Investigation of Inter-satellite Optical Wireless Communication (IsOWC) System Employing Multiplexing Techniques	Sanjeev Kumar, Sandeep Singh Gill, Kuldeepak Singh	ECE	Wireless Personal Communications	2018	ISSN: 0929-6212.	https://www.springer.com
Performance Optimization ofBroadwell-Y Shaped Transistor Using Artificial Neural Network and Moth-Flame Optimization Technique	Navneet Kaur, Munish Rattan, Sandeep Singh Gill	ECE	Majlesi journal of Electrical Engg.	2018	p-ISSN: 2345-377X	https://www.scopus.com
Cuckoo Search Based Optimization of Multiuser Cognitive Radio System Under the Effect of Shadowing	Kiranjot Kaur, Munish Rattan & Manjeet Singh Patterh	ECE	Wireless Personal Communications	2018	ISSN 0929-6212, pp-1217-1230	https://www.springer.com
Evolution of Non-conventional MOS Device structures-A Review	Navneet Kaur, Munish Rattan, Sandeep Singh Gill	ECE	IUP Journal of Telecommunications	2018	9755551	63490
NOVEL APPROACH FOR DENOISING USING HADOOP IMAGE PROCESSING INTERFACE	Nidhi Sharma, Sachin Bagga, Akshay Girdhar	CSE	Procedia Computer Science (Elsevier)	2018	1877-0509	https://www.scopus.com/sourceid/19700182801
A scrutiny study of various unified modelling language (UML) Diagrams, Software Metrics Tool and Program Slicing Technique	Daljeet Singh, Harmaninderjit Singh Sidhu	CSE	Journal of Emerging Technologies and Innovative Research (UGC Approved)	2018	2349-5162	63975
Visualization of Software Metrics for UML Structural and Behavioral Diagrams using Metrics Tool	Daljeet Singh, Harmaninderjit Singh Sidhu	CSE	International Journal of Modern Electronics and Communication Engineering (IJMECE)	2018	2321-2152	62465

To integrate heterogeneous devices to integrate Astroinformatics data	Hardeep Singh Kang, K.S.Mann	CSE	International Journal for Research in Engineering Application and Management	2018	2454-9150	64077
Rank aggregation using ant colony approach for metasearch	Manpreet Singh	IT	SOFT COMPUTING	2018	1432-7643	https://link.springer.com/
A Secure Localization Scheme Based on Node Authentication in WSN	Kiran Jyoti	IT	International Journal for Research in Engineering Application & Management (IJREAM)	2018	2454-9150	64077 (Sr. No. Of Cancelled UGC List)
A NATIVE MUTATION TRACKING SYSTEM OF CABLE INDUSTRY DIGITIZATION USING DATA ANALYTICS	Kiran Jyoti	IT	International Journal of Research in Electronics and Computer Engineering	2018	2348-2281	44816 (Sr. No. Of Cancelled UGC List)
Hybrid Encryption Algorithm in Wireless Body Area Networks (WBAN)	Kiran Jyoti	IT	Advances in Intelligent Systems and Computing	2018	2194-5365	https://www.scopus.com/
NOVEL APPROACH for DENOISING USING HADOOP IMAGE PROCESSING	Sachin Bagga	IT	Procedia Computer Science	2018	1877-0509	https://www.scopus.com/
RMI approach to cluster based image decomposition for filtering techniques	Akshay Girdhar	IT	Advances in Intelligent Systems and Computing	2018	2194-5357	https://www.scopus.com/
RMI approach to cluster based image decomposition for filtering techniques	Sachin Bagga	IT	Advances in Intelligent Systems and Computing	2018	2194-5357	https://www.scopus.com/
Performance evaluation of state-owned thermal power plants in northern India using DEA	Chandel R., Singh H., Kumar R.	ME	International Journal of Global Energy Issues	2018	1741-5128	https://www.inderscience.com/
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Process Capability Comparison of Fused Deposition Modelling for ABS and Fe-Nylon (6) Feedstock Filaments	Singh R., Garg H., Singh S.	ME	Materials Today: Proceedings	2018	2214-7853	https://www.journals.elsevier.com/materials-today-proceedings/
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Optimization of machining parameters in dry EDM of EN31 steel	Brar G.S.	ME	IOP Conference Series: Materials Science and Engineering	2018	1757-899X	https://iopscience.iop.org/
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Mechanical and microstructural behaviour of wear resistant coatings on cast iron lathe machine beds and slides	Vasudev H., Thakur L., Singh H., Bansal A.	ME	Kovove Materialy	2018	1338-4252	http://www.kovmat.sav.sk
Characterization and Investigation of Mechanical Properties of Composite Materials used for Leaf Spring	Singh H., Brar G.S.	ME	Materials Today: Proceedings	2018	2214-7853	https://www.journals.elsevier.com/materials-today-proceedings
Erosion wear characterisation of DLC and AlCrN-based coated AISI-304/316 steels	Singh G., Singh S., Grewal J.S.	ME	Surface Engineering	2018	1743-2944	https://www.tandfonline.com
Investigations for in-house prepared biocompatible feed stock filament of FDM: A process capability study	Nishant Ranjan, Rupinder Singh, IPS Ahuja	Production	Journal of Mechanical Engineering, Transaction of the Mechanical Engineering Division, The Institution of Engineers, Bangladesh	2018	0379-4318	https://www.scopus.com
On the 3D printing of recycled ABS, PLA and HIPS thermoplastics for structural applications	Rupinder Singh, Ranvijay Kumar, Ilenia Farina	Production	PSU Research Review	2018	2398-4007	doi.org/10.1108/PRR-07-2018-0018
Mechanical properties of bio compatible functional prototypes for joining applications in clinical dentistry	Rupinder Singh, Ravinder Sharma, J.Paulo Davim	Production	International Journal of Production Research	2018	1366-588X	https://mjl.clarivate.com/search-results?issn=0020-7543&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Experimental Study of Surface Properties and Material Transfer Mechanism in Powder Mixed Electric Discharge Machining (PMEDM) of Ti-6Al-4V Alloy	Sanjeev Sharma, Rupinder Singh	Production	International Journal of Microstructure and Materials Properties	2018	17418429	https://mjl.clarivate.com/search-results?issn=0921-5093&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Mechanical, thermal and melt flow of aluminum reinforced PA6/ABS blend feedstock filament for fused deposition modeling	Ranvijay Kumar, Rupinder Singh, IPS Ahuja	Production	Rapid prototyping journal	2018	1355-2546	https://www.scopus.com
On development of functionally graded material through fused deposition modelling assisted investment casting from Al ₂ O ₃ /SiC reinforced waste low density polyethylene	Narinder Singh, Rupinder Singh, IPS Ahuja	Production	Transaction of Indian Institute of Metals	2018	9722815	https://mjl.clarivate.com/search-results?issn=0972-2815&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

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Thermal and surface characterization of ABS replicas made by FDM for rapid tooling applications	J.S. Chohan, Rupinder Singh, Kamaljit Singh Boparai	Production	Rapid prototyping Journal	2018	1355-2546	https://www.scopus.com
Modeling of cast component weight in hot chamber die casting using combined Taguchi and Buckingham's π approach	Rupinder Singh	Production	Journal of the Institution of Engineers (India)	2018	2250-0553	https://www.scopus.com
Multi-optimization of electric discharge machining parameters for cryogenically treated pure titanium using Grey-Taguchi technique	S. Kumar, Rupinder Singh, A Batish, T.P. Singh, Rajdeep Singh	Production	International Journal of Machining and Machinability of Materials	2018	1748-572X	
Melt processing for enhancing compatibility of aluminum reinforced acrylonitrile-butadiene-styrene and polyamide 6 for friction welding applications	Ranvijay Kumar, Rupinder Singh, IPS Ahuja	Production	Jol. of Brazilian Society of Mechanical Sciences and Engg,	2018	16785878	https://mjl.clarivate.com/search-results?issn=1678-5878&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Comparisons of process capability in cold chamber die casting of aluminum alloy	Rupinder Singh	Production	Proceedings of the National Academy of Sciences, India Section A: Physical Sciences	2018	2250-1762	https://mjl.clarivate.com/search-results?issn=0369-8203&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Investigations for mechanical properties and biocompatibility of SS-316L implant prepared as rapid investment casting for batch production	Jaspreet Singh, Rupinder Singh, Harwinder Singh, Anita Kamra Verma	Production	Sadhana	2018	0973-7677	https://www.scopus.com
Development of hybrid Al-MMC by innovative V-process assisted stir casting and its process capability evaluation	Swarandeep Singh, Rupinder Singh, Simranpreet Singh Gill	Production	International Journal of for Research in applied Science and Engineering Technology	2018	2321-9653	https://mjl.clarivate.com/search-results?issn=2241-4487&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

Recycling of polymer waste with SiC/Al ₂ O ₃ reinforcement for rapid tooling applications	Narinder Singh, Rupinder Singh, IPS Ahuja	Production	Materials Today Communication	2018	23524928	https://mjl.clarivate.com/search-results?issn=2352-4928&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Experimental investigation for the hardness of castings produced by using ZCast process	Munish Chhabra, Rupinder Singh	Production	An International Journal of Minerals, Metals and Material Engineering	2018	16744799	https://mjl.clarivate.com/search-results?issn=1674-4799&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Mathematical modeling for dimensional accuracy in vacuum moulding	Rupinder Singh	Production	Proceedings of the National Academy of Sciences, India Section A: Physical Sciences	2018	2250-1762	https://mjl.clarivate.com/search-results?issn=0369-8203&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
On the applicability of composite PA6-TiO ₂ filaments for the rapid prototyping of innovative materials and structures	Rupinder Singh, RanvijayKumar, Ida Mascolo, M.Modano	Production	Composite part B: Engineering	2018	1359-8368	https://www.sciencedirect.com
Investigations for enhancing wear properties of rapid tooling by reinforcement of nano scale fillers for grinding applications	K.S.Boparai, Rupinder Singh	Production	Journal of Micro- and Nano-Manufacturing	2018	21660468	https://mjl.clarivate.com/search-results?issn=2166-0468&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Investigations of mechanical, thermal and morphological properties of FDM fabricated parts for friction welding applications	Ranvijay Kumar, Rupinder Singh, IPS Ahuja	Production	Measurement	2018	0263-2241	https://mjl.clarivate.com/search-results?issn=0263-2241&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal
Weldability of thermoplastic materials for friction stir welding- A state of art review and future applications	Ranvijay Kumar, Rupinder Singh, Inderpreet Singh Ahuja, Rosa Penna, L. Feo	Production	Composite part B: Engineering	2018	1359-8368	https://www.sciencedirect.com
On the recyclability of polyamide for sustainable composite structures in civil engineering	Rupinder Singh, R. Kumar, N. Ranjan, Rosa Penna, Fernando Fraternali	Production	Composite Structures,	2018	0263-8223	https://www.sciencedirect.com

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Graphene as biomedical sensing element: State of art review and potential engineering applications	R.Kumar, Rupinder Singh, David Hui, L.Feo, Fernando Fraternali	Production	Composite part B: Engineering	2018	1359-8368	https://www.sciencedirect.com
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