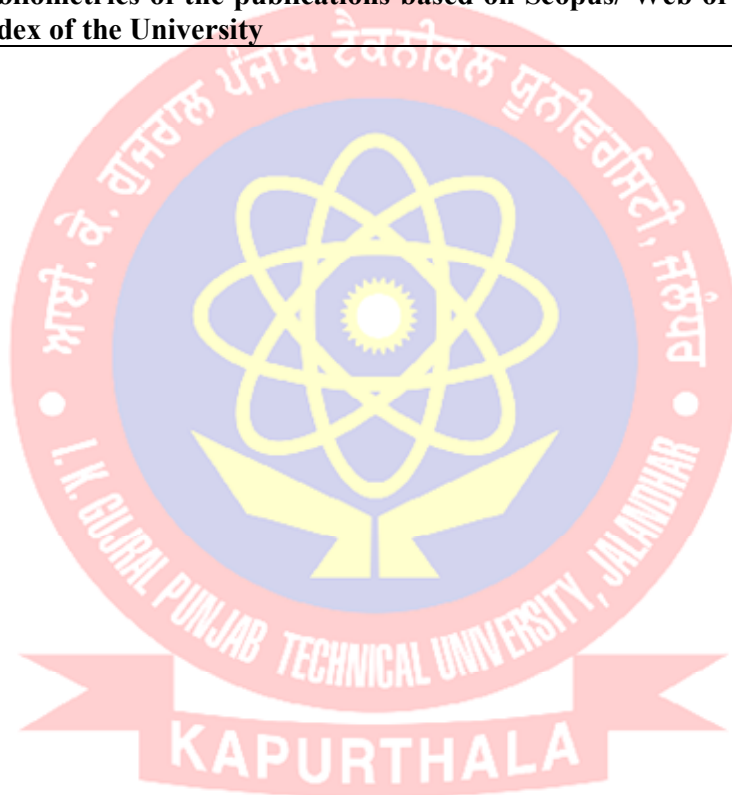


3.4.9

Bibliometrics of the publications based on Scopus/ Web of Science – h-Index of the University

Sl. No.	Documents Attached
1.	Bibliometrics of the publications based on Scopus/ Web of Science h – Index of the University



3.4.8 and 3.4.9

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BiblioMetrics of the publications based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

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	Number of citations	Number of citations in Web of Science
Industry 4.0 technologies and their applications in fighting COVID-19 pandemic	M. Javaid, A. Haleem, R. Vaishya, ShashiBahl, R.	Mechanical Engineering	Diabetes & Metabolic Syndrome: Clinical Research & Reviews	2020		https://www.sciencedirect.com/science/article/abs/pii/S1871402120300941?via%3Dihub	333	333
Application of Least Square Support Vector Machine and Multivariate Adaptive Regression Spline Models in Long Term Prediction of River Water Pollution	Ozgur Kisi and Kulwinder Singh Parmar	Mathematical Sciences (IKGPTU HSP)	Journal of Hydrology. 534, 104-112. (Elsevier) (Impact Factor 4.405)	2016		https://mjl.clarivate.com/search-results?issn=0022-1694&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	213	213
A Survey on LEACH and other's routing protocols in wireless sensor networks	Vishal Arora, Vishal Sharma and Monika Sachdeva	CSE	Elsevier, International Journal for Light and	2017	0030-4026	http://mjl.clarivate.com/cgi-bin/jrnlist/jlresults.cgi?PC=MA	124	67
Sustainability of Coronavirus on different surfaces	R. Suman, M. Javaid, A. Haleem, R. Vaishya, ShashiBahl, D.	Mechanical Engineering	Journal of Clinical and Experimental Hepatology Journal of Clinical and	2020		https://www.sciencedirect.com/science/article/abs/pii/S0973688320300621	97	97
Challenges and solutions in meeting up the urgent requirement of ventilators for COVID-19 patients	K. Iyengar, ShashiBahl, RajuVaishya, A. Vaish	Mechanical Engineering	Diabetes & Metabolic Syndrome: Clinical Research & Reviews	2020		https://www.sciencedirect.com/science/article/abs/pii/S1871402120301132?via%3Dihub	68	88
Performance and emission characteristics of diesel engine fuelled with rice bran biodiesel and n-butanol	GeeteshGoga, Bhupendra Singh Chauhan, Sunil Kumar Mahla, HaengMuk Cho	Mechanical Engineering	Energy Reports (Impact Factor 6.870)	2019		https://mjl.clarivate.com/search-results?issn=1932-2135,1947-5438,0104-6632,1978-2993,0008-4034,0352-9568,0009-2355,0208-6425,0009-2460,0255-2701&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link	82	82
D-FACE: An anomaly based distributed approach for early detection of DDos attacks and flash events.	Sunny Behal, Krishan Kumar and Monika Sachdeva	CSE	Journal of Network and Computer Applications	2018	1084-8045	http://mjl.clarivate.com/cgi-bin/jrnlist/jlresults.cgi?PC=MASTER&ISSN=*1084-8045	72	33
Surface roughness and microhardness evaluation for EDM with Cu-Mn powder metallurgy tool	Amoljit Singh Gill and Sanjeev Kumar	Department of Mechanical Engineering	Materials and Manufacturing Processes	2016	1532-2475	https://www.tandfonline.com/toc/lmmp20/current	68	0

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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	Number of citations	Number of citations in Web of Science
Long-term aerosol climatology over Indo-Gangetic Plain: Trends, prediction and potential source fields	M Kumar, KS Parmar, DB Kumar, A Mhawish, DM Broday, RK Mall and T Banerjee	Mathematical Sciences (IKGPTU HSP)	Atmospheric Environment 180, 37-50. (Elsevier)(Impact Factor 4.012)	2018		https://mjl.clarivate.com/search-results?issn=1352-2310&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	67	67
"Diphenylpyrimidinone-salicylideneamines - New ESIPT based ATEgens with applications in latent fingerprinting"	Prabhpreet Singh, Harminder Singh, Rashmi Sharma, Gaurav Bhargava, Subodh Kumar	Chemical Sciences	Journal of Material Chemistry C	2016	2050-7534	https://www.scopus.com/sourceid/21100229207	62	62
Development of new hybrid model of discrete wavelet decomposition and autoregressive integrated moving average (ARIMA) models in application to one month forecast the casualties cases of COVID-19	Sarbjit Singh, Kulwinder Singh Parmar, Jatinder Kumar, SidhuJitendra Singh Makkhan	Mathematical Sciences (IKGPTU HSP)	Chaos, Solitons & Fractals (Elsevier) impact factor 3.064	2020		https://mjl.clarivate.com/search-results?issn=0960-0779&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	61	61
Self-assembled vesicle and rod-like aggregates of functionalized perylene diimide: Reaction based near-IR intracellular fluorescent probe for selective detection of palladium,	Prabhpreet Singh, Lalit Singh Mittal, Vanita Vanita, Rahul Kumar, Gaurav Bhargava, Amandeep Walia, and Subodh Kumar	Chemical Sciences	J. Mater. Chem. B	2016	2050-7518	https://www.scopus.com/sourceid/21100229207	54	54
Influence of EGR on simultaneous reduction of NO _x -Smoke emissions trade off under CNG-Biodiesel dual fuel engine	Sunil Kumar Mahla, AmitDhir, Kanwar J.S. Gill, H.K. Cho, H.C. Lim, B.S. Chauhan	Mechanical Engineering	Energy (Impact Factor 7.147)	2018		https://mjl.clarivate.com/search-results?issn=0360-5442,2574-0962,2380-8195,1614-6832,2287-6316,1687-7357,2333-8326,0306-2619,2096-0042,2160-5882&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	50	50

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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	Number of citations	Number of citations in Web of Science
Modeling of Air Pollutants using Least Square Support Vector Regression, Multivariate Adaptive Regression Spline and M5 Model Tree Models	Ozgur Kisi, Kulwinder Singh Parmar, KirtiSoni and VahdettinDemir	Mathematical Sciences (IKGPTU HSP)	Air Quality, Atmosphere and Health. 10, 873-883 (Springer)(Impact Factor 3.184)	2017		https://mjl.clarivate.com/search-results?issn=1873-9318&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	49	49
Waste materials as potential catalysts for biodiesel production: Current state and future scope,	AksheyMarwaha, PaliRoshia, Saroj Kumar Mohapatra, Sunil Kumar Mahla, AmitDhir	Mechanical Engineering	Fuel Processing Technology (Impact Factor 7.033)	2018		https://mjl.clarivate.com/search-results?issn=0378-3820,1008-6234,0924-0136,1939-8018,2381-6872,0009-3092,1927-6311,0946-7076,1294-4475,0255-2701&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	45	45
Impact of the coronavirus pandemic on the supply chain in healthcare	K.P. Iyengar, R. Vaishya, ShashiBahl, A.	Mechanical Engineering	British Journal of Healthcare Management	2020		https://www.magonlinelibrary.com/doi/full/10.12968/bihc.2020.0047	40	40
Combating hot corrosion of boiler tubes - A study	Santosh Kumar, Manoj Kumar &Amithanda	Mechanical Engineering	Engineering Failure Analysis	2018		https://mjl.clarivate.com/search-results?issn=1350-6307&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	39	39
Redefining diabetic foot disease management service during COVID-19 pandemic	I. Jaly, K. Iyengar, ShashiBahl, T. Hughes, R. Vaishya	Mechanical Engineering	Diabetes & Metabolic Syndrome: Clinical Research & Reviews	2020		https://www.sciencedirect.com/science/article/abs/pii/S1871402120301922?via%3Aihc	39	39
Self-assembled small molecule based fluorescent detection of serum albumin proteins: Clinical detection and cell imaging"	Prabhpreet Singh, Lalit Singh Mittal, S Kaur, S Kaur, Gaurav Bhargava	Chemical Sciences	Sensors and Actuators B: Chemical	2018	0925-4005	https://www.scopus.com/sourceid/25236	39	39
Telemedicine technologies for confronting COVID-19 pandemic: A Review	ShashiBahl, R.P. Singh, M. Javaid, I.H. Khan, R. Vaishya, R. Suman	Mechanical Engineering	Journal of Industrial Integration and Management	2020		https://www.worldscientific.com/doi/10.1142/S2424862220300057	39	39

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	Number of citations	Number of citations in Web of Science
Characterizing DDoS attacks and flash events: Review, research gaps and future directions	Sunny Behal, Krishan Kumar and Monika Sachdeva	CSE	Computer Science Review	2017	1574-0137	http://mjl.clarivate.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=*1574-0137	38	20
Pan evaporation modeling by three different neuro-fuzzy intelligent systems using climatic inputs	M. Rana, A. Malik, A.Kumar, KS Parmar, O. Kisi	Mathematical Sciences (IKGPTU HSP)	Arabian Journal of Geosciences(Springer) (Impact Factor 1.309)	2019		https://mjl.clarivate.com/search-results?issn=1866-7511&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	36	36
Significant applications of machine learning for COVID-19 pandemic	S. Kushwaha, ShashiBahl, A.K. Bagha, K.S. Parmar, M. Javaid, A. Haleem, R.P.	Mechanical Engineering	Journal of Industrial Integration and Management	2020		https://www.worldscientific.com/doi/10.1142/S2424862220500268	36	36
Significant applications of machine learning for covid-19 pandemic.	Ravi Pratap Singh ShashiKushwaha, ShashiBahl, Ashok Kumar Bagha, KulwinderParmar, MohdJavaid, AbidHaleem	Mathematical Sciences (IKGPTU HSP)	Journal of Industrial Integration and Management	2020		https://mjl.clarivate.com/search-results?issn=2424-8622&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	36	36
Effect of compression ratio on combustion, performance, and emission characteristics of compression ignition engine fuelled with palm (B20) biodiesel blend	Pali Roshia, Saroj K Mohapatra, Sunil Kumar Mahla, AmitDhir, B.S. Chauhan, H.M. Cho	Mechanical Engineering	Energy (Impact Factor 7.147)	2019		https://mjl.clarivate.com/search-results?issn=0360-5442,2574-0962,2380-8195,1614-6832,2287-6316,1687-7357,2333-8326,0306-2619,2096-0042,2160-5882&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	35	35
Self-assembled Nano rods of Bay functionalized perylenediimide: Cu ²⁺ based 'turn on' response for INH, complementary NOR/OR and TRANSFER logic functions and fluorosolvatochromism	Prabhpreet Singh, Kapil Kumar, Gaurav Bhargava and Subodh Kumar	Chemical Sciences	Journal of Materials Chemistry C	2016	2050-7534	https://www.scopus.com/sourceid/21100229207	34	34

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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	Number of citations	Number of citations in Web of Science
Letter to the editor in response to: Telemedicine for diabetes care in India during COVID19 pandemic and national lockdown period: Guidelines for physicians	R. Vaishya, ShashiBahl, R.P. Singh	Mechanical Engineering	Diabetes & Metabolic Syndrome: Clinical Research & Reviews	2020		https://www.sciencedirect.com/science/article/abs/pii/S1871402120301466?via%3DiHub	33	33
Study of ARIMA and least square support vector machine (LS-SVM) models for the prediction of SARS-CoV-2 confirmed cases in the most affected countries	Sarbjit Singh, Kulwinder Singh Parmar, JatinderKaur, SidhuJitendra Singh Makkhan, Shrutipeshoria	Mathematical Sciences (IKGPTU HSP)	Chaos, Solitons & Fractals (Elsevier) impact factor 3.064	2020		https://mjll.clarivate.com:/search-results?issn=0960-0779&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	33	33
"Tonic Self-assembled Platform of Perylenediimide-Sodium dodecylsulfate for Detection of Spermine in Clinical Samples	Prabhpreet Singh, Lalit Singh Mittal, Gaurav Bhargava, Subodh Kumar	Chemical Sciences	Chemistry–An Asian Journal	2017	1861-471X	https://www.scopus.com/sourcoid/4800156201	31	31
Diffraction rho and phi vector meson production at HERA using a holographic light-front wavefunction	Mohammad Ahmady, Ruben Sandapen, and Neetika Sharma	Physical Sciences	Phys. Rev. D 94, 074018	2016			31	30
High temperature oxidation and erosion behaviour of HVOF sprayed bi-layer Alloy-718/NiCrAlY coating	Hitesh Vasudev, Lalit Thakur, Amit Bansal, Harmeet Singh, Sunny Zafar	I.K Gujral Punjab Technical University, Main	Surface and coatings technology	2019	0257-8972	https://www.sciencedirect.com/science/article/abs/pii/S0257897219301574	30	30
Significance of Health Information Technology (HIT) in Context to COVID-19 Pandemic: Potential Roles and Challenges	R.P. Singh, M. Javaid, A. Haleem, R. Vaishya, ShashiBahl	Mechanical Engineering	Journal of Industrial Integration and Management	2020		https://www.worldscientific.com/doi/abs/10.1142/S2424862220500232	30	30
Ultrasound assisted extraction of polyphenols and their distribution in whole mung bean, hull and cotyledon	Barinderjit Singh	Food Sci & Tech.	Journal of Food Science and Technology	2017			30	28

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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	Number of citations	Number of citations in Web of Science
"Controllable supramolecular self-assemblies (rods-wires-spheres) and ICT/PET based perylene probe for palladium detection in solution and solid state"	Prabhpreet Singh, Kapil Kumar, Gaurav Bhargava, Subodh Kumar	Chemical Sciences	New Journal of Chemistry	2018	1144-0546	https://www.scopus.com/sourcid/24824	29	29
Blockchain technology and its applications to combat COVID-19 pandemic	A. Sharma, ShashiBahl, A.K. Bagha, M. Javaid, D.K. Shukla, A.	Mechanical Engineering	Research on Biomedical Engineering	2020		https://link.springer.com/article/10.1007%2Fs42600-020-00106-3	29	29
3D scanning of a carburetor body using COMET 3D scanner supported by COLIN 3D software: Issues and solutions	A. Haleem, P. Gupta, ShashiBahl, M. Javaid, L. Kumar	Mechanical Engineering	Materials Today: Proceedings	2021		https://www.sciencedirect.com/science/article/pii/S2214785320355371?via%3Dihub	28	28
ACO Optimized Self-Organized Tree-Based Energy Balance Algorithm for Wireless Sensor Network	Vishal Arora, Vishal Sharma and Monika Sachdeva	CSE	Journal of Ambient Intelligence and Humanized Computing, Springer, 2019.	2019	ISSN: 1868-5145	http://mjil.clarivate.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=*1868-5145	28	19
Discriminating Flash Events from DDoS Attacks: A Comprehensive Review	Sunny Behal, Krishan Kumar and Monika Sachdeva	CSE	IJ Network Security	2017	1816-353X	https://www.scopus.com/sourcid/20000195080?origin=resultslist (Scopus indexed)	27	0
Finite element modeling and simulation of the fiber-matrix interface in fiber reinforced metal matrix composites	ShashiBahl, A.K. Bagha	Mechanical Engineering	Materials Today: Proceedings	2021		https://www.sciencedirect.com/science/article/pii/S2214785320346149?via%3Dihub	26	26
Smart materials types, properties and applications: A review	ShashiBahl, H. Nagar, I. Singh, S. Sehgal	Mechanical Engineering	Materials Today: Proceedings	2020		https://www.sciencedirect.com/science/article/pii/S2214785320331278	26	26
"Perylene diimide-based organic n-motif for differentiating CN- and F- ions by electron-transfer and desilylation mechanisms: applications to complex logic circuits,"	P Singh, LS Mittal, H Singh, G Bhargava, S Kumar	Chemical Sciences	New Journal of Chemistry	2017	1144-0546	https://www.scopus.com/sourcid/24824	25	25

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Finite element analysis of VGCF/pp reinforced square representative volume element to predict its mechanical properties for different loadings	A.K. Bagha, ShashiBahl	Mechanical Engineering	Materials Today: Proceedings	2021		https://www.sciencedirect.com/science/article/pii/S2214785320345624?via%3Diuhub	25	25
An overview of solid base heterogeneous catalysts for biodiesel production,	AksheyMarwaha, AmitDhir, Sunil Kumar Mahla, Saroj K. Mohapatra	Mechanical Engineering	Catalysis Review- Science & Engineering (Impact Factor 20.217)	2018		https://mjl.clarivate.com:search-results?issn=1978-2993,0161-4940,1049-331X,2168-0485,1221-5872,2187-5219,1474-0346,1438-1656,1687-8086,1582-7445&hide_exact_match_flag=true&utm_source=mjl&utm_medium=chara-by	24	24
Performance and emissions characteristics of compression ignition engine fuelled with biogas-diesel under dual fuel mode	Sunil Kumar Mahla*, VarunSingla, Sarabjot Singh Sandhu, AmitDhir	Mechanical Engineering	Environmental Science and Pollution Research (Impact Factor 4.223)	2018		https://mjl.clarivate.com:search-results?issn=0944-1344,2053-1400,2372-0344,1309-1042,2234-1722,2080-4075,1687-7667,1589-1623,2331-1843,1064-3389&hide_exact_match_flag=true&utm_source=mjl&utm_medium=chara-by	24	24
Satisfaction, trust and loyalty: investigating the mediating effects of commitment, switching costs and corporate image	Kaur, H., Soch, H.	Management	Journal of Asia Business	2018			24	0
Characterization and mechanical behaviour of reinforced hydroxyapatite coatings deposited by vacuum plasma spray on SS-316L alloy	Amardeep Singh, Gurbhinder Singh, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University	Journal of the mechanical behavior of biomedical materials	2018	1751-6161	https://www.sciencedirect.com/science/article/abs/pii/S1751616118300043	23	0

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Influence of post coating heat treatment on microstructural, mechanical and electrochemical corrosion behaviour of vacuum plasma sprayed reinforced hydroxyapatite coatings	Amardeep Singh, Gurbhinder Singh, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University	Journal of the mechanical behavior of biomedical materials	2018	1751-6161	https://www.sciencedirect.com/science/article/abs/pii/S1751616118305241	23	0
Microwave heating and its applications in surface engineering: a review	Hitesh Vasudev, Gurbej Singh, Amit Bansal, Sanchit Vardhan, Lalit Thakur	I.K Gujral Punjab Technical University, Main	Materials Research Express	2019	2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/ab3674	23	23
Axisymmetric finite element analysis of single fiber push-out test for stainless steel wire reinforced aluminum matrix composites	ShashiBahl	Mechanical Engineering	Materials Today: Proceedings	2020		https://www.sciencedirect.com/science/article/pii/S2214785320335021	22	22
Biodegradation of plastics: A state of the art review	ShashiBahl, J. Dolma, J. Jyot Singh, S. Sehgal	Mechanical Engineering	Materials Today: Proceedings	2021		https://www.sciencedirect.com/science/article/pii/S2214785320345508	22	22
Fabrication AL-CNT-Sicp hybrid nano-composite by spark plasma sintering	Chander Prakash, Sunpreet Singh, Shubham Sharma, Jujhar Singh, Gursharan Singh		Advanced Science Letters.	2020	1936-6612	https://www.scopus.com/sourceid/19700181106	22	0
Fusion hindrance for the positive Q-value system $^{12}\text{C} + ^{30}\text{Si}$	G. Montagnoli, ... , M. Kaur.. et. al	Physical Sciences	Physical Review C 97, 024610	2018			22	22
*, Recent developments in the synthesis of condensed-b-lactams	Yogesh Kumar, Prabhpreet Singh, Gaurav Bhargava	Chemical Sciences	RSC Advances	2016	2046-2069	https://www.scopus.com/sourceid/21100199840	21	21
Behavior of Cold Spray Coating in Real Incineration Environment	S.B.S. Kalsi, H. Singh, T.S. Sidhu, J. Karthikeyan	Amritsar Campus	Materials and Manufacturing Processes	2016		https://mjl.clarivate.com:search-results?issn=1042-6914&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-	21	18

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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	Number of citations	Number of citations in Web of Science
Fiber reinforced metal matrix composites - a review	ShashiBahl	Mechanical Engineering	Materials Today: Proceedings	2021		https://www.sciencedirect.com/science/article/pii/S2214785320355334	20	20
Influence of tool rotation speeds on mechanical and morphological properties of friction stir processed nano hybrid composite of MWCNT - Graphene-AZ31 magnesium	Sanjay Sharma, AmitHanda, Sahib Sartaj Singh & Deepak Verma	Mechanical Engineering	Journal of Magnesium and Alloys	2019		https://mjl.clarivate.com/search-results?issn=2213-9567&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-	20	20
Hepatoprotective effect of trans-Chalcone on experimentally induced hepatic injury in rats: Inhibition of hepatic inflammation and fibrosis	Shabir Sidhu	Food Sci & Tech.	Canadian Journal of Physiology and Pharmacology	2016			19	19
"To kill many birds with one stone': Addressing half-adder, half-subtractor, demultiplexer, 2-to-4 decoder, comparator, keypad lock with unimolecular system"	Prabhpreet Singh, Harminder Singh, Gaurav Bhargava, Subodh Kumar,	Chemical Sciences	Sensors and Actuators B: Chemical	2017	0925-4005	https://www.scopus.com/sourceid/25236	18	18
A comprehensive taxonomy of schemes to detect and mitigate blackhole attack and its variants in MANETs	Nitin Khanna and Monika Sachdeva	CSE	Computer Science Review	2018	1574-0137	http://mjl.clarivate.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=*1574-0137	18	5
Automation and manufacturing of smart materials in additive manufacturing technologies using Internet of Things towards the adoption of industry 4.0	R. Ashima, A. Haleem, ShashiBahl, M. Javaid, S.K. Mahla, S. Singh	Mechanical Engineering	Materials Today: Proceedings	2021		https://www.sciencedirect.com/science/article/pii/S2214785321006751	18	18

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Biogas reforming for hydrogen enrichment by cerium decorated over nickel catalyst supported in titanium and alumina	PaliRoshia, AmitDhir, Sunil Kumar Mahla, Saroj K Mohapatra	Mechanical Engineering	International Journal of Hydrogen Energy (Impact Factor 5.816)	2018		https://mjl.clarivate.com/search-results?issn=0360-3199,1513-718X,0143-0750,2008-9163,2160-9500,0363-907X,1543-5075,2214-1669,2252-4940,1309-0127&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-	18	18
Evolution of microstructure by high velocity impacts of particles by cold spray	S.B.S. Kalsi, H. Singh, T.S. Sidhu, J. Karthikeyan	Amritsar Campus	Materials and Manufacturing Processes	2016		https://mjl.clarivate.com/search-results?issn=1042-6914&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-	18	16
Failure of Hot Forging Dies –An Updated Perspective	Subhash Chander, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University	Materials Today: Proceedings	2017	2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785317301311	18	0
Self-assembled nanofibers of perylene diimide for detection of hypochlorite in water, bio-fluids and solid state: Exogenous and endogenous bioimaging of hypochlorite in cells	Kapil Kumar, Sandeep Kaur, Satwinderjeet Kaur, Gaurav Bhargava, Subodh Kumar and Prabhpreet Singh	Chemical Sciences	Journal of Materials Chemistry B	2020	2050-7518	https://www.scopus.com/sources.uri	18	18
Development and characterization of Cr ₃ C ₂ -NiCr coated superalloy by novel cold spray process	S.B.S. Kalsi, H. Singh, T.S. Sidhu, J. Karthikeyan	Amritsar Campus	Materials and Manufacturing Processes	2016		https://mjl.clarivate.com/search-results?issn=1042-6914&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-	17	17

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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	Number of citations	Number of citations in Web of Science
Effect of Sb addition on linear and nonlinear optical properties of amorphous GeSeSn thin films	Navjeet Sharma, Surbhi Sharma, Amit Sarin, Rajesh Sharma	Amritsar Campus	Optical Materials	2016		https://mjl.clarivate.com/search-results?issn=0925-3467&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	17	17
"AIE+ESIPT based red fluorescent aggregates for visualization of latent fingerprints" New	Harminder Singh, Rashmi Sharma, Gaurav Bhargava, Subodh Kumar, Prabhpreet Singh	Chemical Sciences	New Journal of Chemistry	2018	1369-9261	https://www.scopus.com/sourceid/24824	16	16
Experimental Investigations on Slurry Erosion Behaviour of HVOF and HVOLF Sprayed Coatings on Hydraulic Turbine Steel	Harjinder Singh, Khushdeep Goyal, and Deepak Kumar Goyal	Department of Mechanical Engineering, I.K Gujral Punjab Technical University	Transactions of the Indian Institute of Metals	2016	0972-2815	https://mjl.clarivate.com/search-results?issn=0972-2815&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	16	0
Fusion Enhancement at near and sub-barrier energies in 190 + 12C.	Varinderjit Singh, J. Vadas, T.K. Steinbach, B.B. Wiggins, S. Hudan, R. T. deSouza, Zidu Lin, C.J. Horowitz, L.T. Baby, S.A. Kuvin, Vandana Tripathi	Physical Sciences	Physics Letter B 765, 99	2017			16	14
Nanomolar Cu ²⁺ Detection in Water Based on Disassembly of AIEgen: Applications in Blood Serum, Cell Imaging and Complex Logic Circuits,	Prabhpreet Singh, Harminder Singh, Vanita Vanita, Rashmi Sharma, Gaurav Bhargava, Subodh Kumar	Chemical Sciences	ChemistrySelect	2016	2365-6549	https://www.scopus.com/sourceid/21100850505	16	16

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Statistical Variability Comparison in MODIS and AERONET Derived Aerosol Optical Depth Over Indo-Gangetic Plains Using Time Series	KirtiSoni, Kulwinder Singh Parmar, Sangeeta Kapoor, Nishant Kumar	Mathematical Sciences (IKGPTU HSP)	Science of total environment. 553, 258-65. (Elsevier)(Impact Factor 5.589)	2016		https://mjl.clarivate.com/search-results?issn=0048-9697&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	16	16
Vermicompost & Vermiwash as a supplement to improve seedlings, plant growth and yield in Linum usitatissimum L. for organic agriculture.	Cinny Makkar, Jaswinder Singh & Chander Parkash	Chemical Sciences	International Journal of Recycling of Organic Waste in Agriculture.	2017	2251-7715	Int J Recycl Org Waste Agricult (2017) 6:203-218 DOI 10.1007/s40093-017-0168-4	16	16
Experimental investigations on performance and emission characteristics of variable speed multi-cylinder compression ignition engine using Diesel/Argemone biodiesel blends	Mandeep Singh, Surjit Kumar Gandhi, Sunil Kumar Mahla and Sarbjot Singh Sandhu	Mechanical Engineering	Energy Exploration & Exploitation	2018		https://mjl.clarivate.com/search-results?issn=0144-5987&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-atpr.2019.12.050	15	15
Fabrication of low elastic modulus Ti50Nb30HA20 alloy by rapid microwave sintering technique for biomedical applications	Chander Prakash, Sunpreet Singh, Shubham Sharma, Jujhar Singh, Gursharan Singh, Munish Mehta, Manoj Mittal, Harish Kumar	Department of Mechanical Engineering, I.K Gujral Punjab Technical University	Materials Today Proceedings	2020	1369-7021	https://doi.org/10.1016/j.matpr.2019.12.050	15	0
Numerical simulation of the debonding behavior of fiber reinforced metal matrix composites	ShashiBahl	Mechanical Engineering	Materials Today: Proceedings	2020		https://www.sciencedirect.com/science/article/pii/S221478532033220X	15	15
D-FAC: A novel ϕ -Divergence based distributed DDoS defense system	Sunny Behal, Krishan Kumar and Monika Sachdeva	CSE	Journal of King Saud University - Computer and	2017	1319-1578	http://mjl.clarivate.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=*1319-	14	2

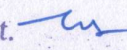
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Hydrogen enrichment of biogas via dry and auto thermal-dry reforming with pure nickel (Ni) nanoparticle	Pali Roshia, Saroj Kumar Mohapatra, Sunil Kumar Mahla, AmitDhir	Mechanical Engineering	Energy (Impact Factor 7.147)	2019		https://mjl.clarivate.com/search-results?issn=0360-5442,2574-0962,2380-8195,1614-6832,2287-6316,1687-7357,2333-8326,0306-2619,2096-0042,2160-5882&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	14	14
"Dissymmetric Bay Functionalized Perylene diimides"	Prabhpreet Singh, Gaurav Bhargava, Subodh Kumar	Chemical Sciences	Synlett	2018	093-65214	https://www.scopus.com/sourceid/26491	13	13
A generalized detection system to detect distributed denial of service attack and flash events for information theory metrics	Sunny Behal, Krishan Kumar and Monika Sachdeva	CSE	Turkish Journal of Electrical Engineering & Computer Sciences,	2018	ISSN 1303-6203	http://mjl.clarivate.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=*1303-6203	13	0
Biodiesel production using Terminaliabellerica using eggshell-based green catalyst: An optimization study with response surface methodology	AksheyMarwaha, PaliRoshia, Saroj Kumar Mohapatra, Sunil Kumar Mahla, AmitDhir	Mechanical Engineering	Energy Reports (Impact Factor 6.870)	2019		https://mjl.clarivate.com/search-results?issn=1932-2135,1947-5438,0104-6632,1978-2993,0008-4034,0352-9568,0009-2355,0208-6425,0009-2460,0255-2701&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	13	13
Comparative study of high temperature oxidation behavior and mechanical properties of wire arc sprayed Ni-Al coatings	Santosh Kumar, Manoj Kumar &AmitHanda	Mechanical Engineering	Engineering Failure Analysis	2019		https://mjl.clarivate.com/search-results?issn=1350-6307&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	13	13

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Dry reforming of methane using various catalysts in the process: Review	Rattanvir Singh, AmitDhir, Saroj Kumar Mohapatra, Sunil Kumar Mahla	Mechanical Engineering	Biomass Conversion & Bio-refinery (Impact Factor 4.987)	2019		https://mjl.clarivate.com/search-results?issn=2190-6815,2211-9264,0961-9534,0196-8904,0885-8969,2381-6872,1877-2641,1754-6834,2292-8782,2500-1019&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link	13	13
Effect of different drying techniques on chemical composition, color and antioxidant properties of kinnow (Citrus reticulata) peel	Barinderjit Singh	Food Sci & Tech.	Journal of Food Science and Technology	2019			13	10
Finite element analysis for predicting the vibration characteristics of natural fiber reinforced epoxy composites	M.K. Saini, A.K. Bagha, S. Kumar, ShashiBahl	Mechanical Engineering	Materials Today: Proceedings	2021		https://www.sciencedirect.com/science/article/pii/S2214785320365998	13	13
Modeling monthly streamflow in mountainous basin by MARS, GMDH-NN and DENFIS using hydroclimatic data. Neural Computing and Applications	RanaMuhammad Adnan, Zhongmin Liang, Kulwinder Singh Parmar, KirtiSoni, Ozgur Kisi	Mathematical Sciences (IKGPTU HSP)	Neural Computing and Applications. (Springer) (Impact Factor 5.606)	2021		https://mjl.clarivate.com/search-results?issn=0941-0643&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	13	13
Optimisation of hydrogen enriched biogas by oxidative reforming with nickel (Ni) nanopowder using response surface methodology,	PaliRoshia, Rattanvir Singh, Saroj Kumar Mohapatra, Sunil Kumar Mahla, and AmitDhir	Mechanical Engineering	Energy & Fuels (Impact Factor 3.605)	2018		https://mjl.clarivate.com/search-results?issn=0887-0624,2398-4902,2574-0962,2380-8195,1614-6832,2287-6316,2333-8326,0306-2619,0009-3092,2096-0042&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link	13	13

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Perylene diimide-Cu ²⁺ based fluorescent nanoparticles for the detection of spermine in clinical and food samples: a step toward the development of a diagnostic kit as a POCT tool for spermine	Kapil Kumar, Sandeep Kaur, Satwinderjeet Kaur, Gaurav Bhargava, Subodh Kumar and Prabhpreet Singh	Chemical Sciences	J. Mater. Chem. B	2019	2050-7518	https://www.scopus.com/sources.uri	13	13
The novel role of β -aescin in attenuating CCl ₄ -induced hepatotoxicity in rats	Shabir Sidhu	Food Sci & Tech.	Pharmaceutical Biology	2017			13	11
An experimental study to measure the acoustical properties of natural fibers at real case broadband excitations	ShashiBahl, R. Cambow, A.K. Bagha	Mechanical Engineering	Materials Today: Proceedings	2020		https://www.sciencedirect.com/science/article/pii/S2214785320328443	12	12
Characterization of plasma-sprayed carbon nanotube (CNT)-reinforced alumina coatings on ASME-SA213-T11 boiler tube steel	Rakesh Goyal, Buta Singh Sidhu, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University	The International Journal of Advanced Manufacturing Technology	2017	1433-3015	https://link.springer.com/article/10.1007/s00170-017-0405-z	12	0
Coronene diimide-based self-assembled (fibre-to-disc) fluorescent aggregates for visualization of latent fingerprint	Kapil Kumar, Harminder Singh, Vanita Vanita, Ramesh Singh, K.B. Joshi, Gaurav Bhargava, Subodh Kumar, Prabhpreet	Chemical Sciences	Sensors and Actuators B: Chemical	2019	9254005	https://www.scopus.com/sources.uri	12	10
Critical review on ecological, economical and technological aspects of minimum quantity lubrication towards sustainable machining	Singh, Gurpreet, Vivek Aggarwal, and Sehijpal Singh	Department of Mechanical Engineering, I.K Gujral Punjab Technical University	Journal of Cleaner Production	2020	0959-6526	https://mjl.clarivate.com/search-results?issn=0959-6526&hide_exact_match_filter=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	12	0

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Experimental evaluation of mechanical properties of friction welded dissimilar steels under varying axial pressures	AmitHanda&VikasChawla	Mechanical Engineering	Journal of Mechanical Engineering – Strojníckyčasopis	2016		https://www.scopus.com/sourceid/22059	12	12
Experimental study to measure the sound transmission loss of natural fibers at tonal excitations	A. Kesharwani, R. Bedi, A. Kumar Bagha, ShashiBahl	Mechanical Engineering	Materials Today: Proceedings	2020		https://www.sciencedirect.com/science/article/pii/S2214785320334933?via%3Dihub	12	12
Rethinking and redefining the determinants of corporate profitability	Batra, R., Kalia, A.	Management	Global Business Review	2016			12	9
Study of trust-based mechanism and its component model in MANET: Current research state, issues, and future recommendation	Nitin Khanna and Monika Sachdeva	CSE	International Journal of Communication Systems	2019	ISSN: 1099-1131	http://mjl.clarivate.com/cgi-bin/jrn1st/jlresults.cgi?PC=MASTER&ISSN=*1099-1131	12	7
[2+2] Cycloaddition Reactions of Butadienyl Ketene with 1,4-Diazabuta-1,3-dienes: Synthesis of Functionalized Butadienyl-4-iminomethyl-azetidin-2-ones and Butenylidene-butadienyl-[2,2'-biazetidine]-4,4'-diones	Deepak Bains, Yogesh Kumar, Prabhpreet Singh, Gaurav Bhargava	Chemical Sciences	Journal of Heterocyclic Chemistry	2016	1943-5193	https://www.scopus.com/sourceid/25882	11	11
"Data science applications for predictive maintenance and materials science in context to Industry 4.0"	Sufiyan Sajid, Abid Haleem, Shashi Bahl, Mohd Javaid, Tarun Goyal, Manoj Mittal,	Department of Mechanical Engineering, I.K Gujral Punjab Technical University	Materials Today Proceedings	2021	1369-7021	https://doi.org/10.1016/j.matpr.2021.01.357	11	0
A tenth order A -stable two-step hybrid block method for solving initial value problems of ODEs	Higinio Ramos, Gurjinder Singh	Mathematical	Applied Mathematics and Computation	2017			11	9

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An Experimental Study on Storage and Oxidation Stability of Bitter Apricot Kernel Oil Biodiesel/	Virender Singh Gurau, Mudit Shankar Agarwal, Amit Sarin, and Sarbjot Singh Sandhu	Amritsar Campus	Energy & Fuels	2016		https://mjl.clarivate.com/search-results?issn=0887-0624&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	11	11
Characterization of Vacuum Plasma Sprayed Reinforced Hydroxyapatite Coatings on Ti-6Al-4V alloy	Amardeep Singh, Gurbhinder Singh, Vikas Chawla	Ferozepur College of Engineering & Technology	Transactions of the Indian Institute of Metals	2017	9722815	https://link.springer.com/article/10.1007/s12666-017-1122-x	11	0
Effect of varying biogas mass flow rate on performance and emission characteristics of a diesel engine fuelled with blends of n-butanol and diesel	Geetesh Goga, Bhupendra Singh Chauhan, Sunil Kumar Mahla*, Amit Dhir, Haeng Muk Cho	Mechanical Engineering	Journal of Thermal Analysis and Calorimetry (Impact Factor 4.626)	2019		https://mjl.clarivate.com/search-results?issn=1932-2135,1947-5438,0104-6632,1978-2993,0008-4034,0352-9568,0009-2355,0208-6425,0009-2460,0255-2701&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	11	11
Experimental measurement of 12C + 16O fusion at stellar energies	X. Fang, W. P. Tan, M. Beard, G. Gilardy, H. Jung, Q. Liu, S. Lyons, D. Robertson, K. Setoodehnia, C. Seymour, E. Stech, B. Vande Kolk, M. Wiescher, R. T. deSouza, S. Hwang, V. Singh	Physical Sciences	Phys. Rev. C 96, 045804	2017			11	12
Measurement of uranium and radon concentration in drinking water samples and assessment of ingestion dose to local population in Jalandhar district	Manish Kumar, Anjali Kaushal, B. K. Sahoo, Amit Sarin, Rohit Mehra, Rajan Jakhu, Atul Bhalla, Navjeet Sharma	Amritsar Campus	Indoor and Built Environment	2017		https://mjl.clarivate.com/search-results?issn=1420-326X&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	11	8

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Modeling of Air Pollution in Residential and Industrial Sites by Integrating Statistical and Daubechies Wavelet (Level 5) Analysis	KirtiSoni, Kulwinder Singh Parmar, SanjeevAgrawal	Mathematical Sciences (IKGPTU HSP)	Modeling Earth Systems and Environment(Springer)	2017		https://mjl.clarivate.com/search-results?issn=2363-6203&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	11	11
Near-IR discriminative detection of H ₂ S and Cysteine with 7-nitro-2,1,3-benzoxadiazole- perylenediimide conjugate in water, live cells and solid state: Mimicking IMP, INH and NOR/OR complimentary logic	Poonam Sharma, Kapil Kumar, Sandeep Kaur, Satwinderjeet Kaur, Gaurav Bhargava, Subodh Kumar, Prabhpreet Singh	Chemical Sciences	Journal of Photochemistry and Photobiology A: Chemistry	2020	1010-6030	https://www.scopus.com/sources.uri	11	11
Optimization and development of Nisoldipine nano-bioenhancers by novel orthogonal array (L27 array)	Shabir Sidhu	Food Sci & Tech.	International Journal of Biological Macromolecules	2016			11	11
Risk analysis of flood disaster based on similarity measures in picture fuzzy environment	Pushpinder Singh, Nitin Kumar Mishra, Manoj Kumar, Seema Saxena & Vikramjeet Singh	Amritsar Campus	Afrika Matematika	2018		https://mjl.clarivate.com/search-results?issn=1012-9405&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	11	0
"Transition Metal Catalysed [3+2+2] Cycloaddition Reactions,	Bilash Kuila, Maninderjeet kaur, Prabhpreet Singh and Gaurav	Chemical Sciences	European Journal of Organic Chemistry	2018	1099-0690	https://www.scopus.com/sourceid/25853	10	10
Capital budgeting practices in Indian companies	Batra, R., Verma, S.	Management	IIMB Management Review	2017			10	12
Corona warriors under risk during COVID-19 pandemic	ShashiBahl, T. Goyal	Mechanical Engineering	Current Medicine Research and Practice	2020		https://www.cmrjournal.org/article.asp?issn=2352-0817;year=2020;volume=10;issue=6;spage=314;epage=315;aurlast=Bahl	10	10

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Data science applications for predictive maintenance and materials science in context to Industry 4.0	S. Sajid, A. Haleem, ShashiBahl, M. Javaid, T. Goyal	Mechanical Engineering	Materials Today: Proceedings	2021		https://www.sciencedirect.com/science/article/pii/S221478532100448X	10	10
Elevated Temperature Corrosion Studies of AlCrN and TiAlN Coatings by PAPVD on T91 Boiler Steel	Lucky Goyal, Vikas Chawla, Jasbir Singh Hundal	Department of Mechanical, I.K Gujral Punjab Technical University	Journal of Materials Engineering and Performance	2017	1059-9495	https://link.springer.com/article/10.1007/s11665-017-2972-4	10	0
Improving material quality management and manufacturing organizations system through Industry 4.0 technologies	M. Ammar, A. Haleem, M. Javaid, R. Walia, ShashiBahl	Mechanical Engineering	Materials Today: Proceedings	2021		https://www.sciencedirect.com/science/article/pii/S2214785321006775	10	10
Investigation on the effect of post weld heat treatment on microwave joining of the Alloy-718 weldment	Amit Bansal, Hitesh Vasudev, Apurbba Kumar Sharma and Pradeen Kumar	I.K Gujral Punjab Technical University, Main	Materials Research Express	2019	2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/ab1d9a	10	10
Laser cladding technique for erosive wear applications: a review	Sarpreet Singh, Deepak Kumar Goyal, Parhlad Kumar and Anuj Bansal	Department of Mechanical Engineering, I.K Gujral Punjab Technical University	Materials Research Express	2020	2053-1591	https://mjl.clarivate.com/search-results?issn=2053-1591&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	10	0
Micro-hardness evaluation for surface alloying of H11 die steel with Cu-Cr-Ni powder metallurgy tool in EDM	Amoljit Singh Gill and Sanjeev Kumar	Department of Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part B:	2018	2041-2975	https://journals.sagepub.com/home/pib	10	0
On QoS evaluation for ZigBee incorporated Wireless Sensor Network (IEEE 802.15.4) using mobile sensor nodes	Vishal Arora, Vishal Sharma and Monika Sachdeva	CSE	Journal of King Saud University - Computer and Information Sciences	2018	ISSN 1319-1578	http://mjl.clarivate.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=*1319-1578	10	0

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"Cu(I) mediated Kinugasa Reactions of α, β -unsaturated Nitrones: A Facile, Diastereoselective Route to 3-(Hydroxy/bromo)methyl-1-aryl-4-(substituted)azetidin-2-ones"	Yogesh Kumar, Prabhpreet Singh, Gaurav Bhargava	Chemical Sciences	New Journal of Chemistry	2016	1144-0546	https://www.scopus.com/sourceid/24824	9	9
"Fluorometric differential detection of Zn ²⁺ and Cu ²⁺ by picolylamine appended pyrimidinone-based receptor: Application in mimicking TRANSFER and INH logic gate"	Prabhpreet Singh, Sanjeev Dhawan, Parvesh Singh, Harminder Singh, Rashmi Sharma, Gaurav Bhargava, Subodh Kumar	Chemical Sciences	Journal of Photochemistry and Photobiology A: Chemistry	2018	1010-6030	https://www.scopus.com/sourceid/26966	9	9
A Facile and Chemoselective Synthesis of 1,4-Benzodiazepin-2-ones and Dienyl Thiazolidin-4-ones",	Bilash Kuila, Yogesh Kumar, Dinesh Mahajan, Kapil Kumar, Prabhpreet Singh	Chemical Sciences	RSC Advances	2016	2046-2069	https://www.scopus.com/sourceid/21100199840	9	9
Empirical investigations during WEDM of Ni-27Cu-3.15 Al-2Fe-1.5 Mn based superalloy for high temperature corrosion resistance applications	Aggarwal, Vivek, Catalin Iulian Pruncu, Jujhar Singh, Shubham Sharma, and Danil Yurievich Pimenov	Department of Mechanical Engineering, I.K Gujral Punjab Technical University	Materials	2020	1996-1944	https://mjl.clarivate.com/search-results?issn=1996-1944&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	9	0
Erosion wear evaluation of HVOF sprayed WC-12Co coating on some pipeline materials using Taguchi approach	Prabhjot Singh, Anuj Bansal, and Deepak Kumar Goyal	Department of Mechanical Engineering, I.K Gujral Punjab Technical University	Kovove Materialy-Metallic Materials	2019	0023-432X	https://mjl.clarivate.com/search-results?issn=0023-432X&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	9	0

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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	Number of citations	Number of citations in Web of Science
Fabrication and characterization of coir/carbonfiber reinforced epoxy based hybrid composite for helmet shells and sports-good applications: influence of fiber surface modifications on the mechanical, thermal and morphological properties	Yadvinder Singh, Jujhar Singh, Shubham Sharma, Thanh-Danh Lam, Duc-Nam Nguyen	Department of Mechanical Engineering, I.K. Gujral Punjab Technical University, Main	Journal of Materials Research and Technology	2020	2238-7854 / 2214-0697	https://mjl.clarivate.com/journal-profile	9	0
Fission time scale from pre-scission neutron and alpha multiplicities in the $^{16}\text{O} + ^{194}\text{Pt}$ reaction.	K. Kapoor, S. Verma, P. Sharma, R. Mahajan, N. Kaur, G. Kaur, B. R. Behera, K. P. Singh, A. Kumar, H. Singh, R. Dubey, N. Saneesh, A. Jhingan, P. Sugathan, G. Mohanto, B. K.	Physical Sciences	Phys. Rev. C. 96, 054605	2017			9	9
Gravitational form factors and angular momentum densities in light-front quark-diquark model	Narinder Kumar, Chandan Mondal, Neetika Sharma	Physical Sciences	Scientific Research and Management 3, 127 (2018).	2017			9	9
Investigation of Micro-Hardness in Electrical Discharge Alloying of En31 Tool Steel with Cu-W Powder Metallurgy Electrode	Amoljit Singh Gill and Sanjeev Kumar	Department of Mechanical Engineering	Arabian Journal for Science and Engineering	2018	2191-4281	https://www.springer.com/journal/13369	9	0
Mechanical properties of vacuum plasma sprayed reinforced hydroxyapatite coatings on Ti-6Al-4V alloy	Amardeep Singh, Gurbhinder Singh, Vikas Chawla	Department of Mechanical, I.K. Gujral Punjab Technical University	Journal of the Australian Ceramic Society	2017	0004881X	https://link.springer.com/article/10.1007/s41779-017-0093-z	9	0

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Performance and emission characteristics of CNG-fuelled compression ignition engine with Ricinus communis methyl ester as pilot fuel,	Sunil Kumar Mahla, AmitDhir	Mechanical Engineering	Environmental Science and Pollution Research (Impact Factor 4.223)	2019		https://mjl.clarivate.com/search-results?issn=0944-1344,2053-1400,2372-0344,1309-1042,2234-1722,2080-4075,1687-7667,1589-1623,2331-1843,1064-3389&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	9	9
Radon/thoron and progeny levels in dwellings: Regional variations and effect of dwelling characteristics A case study in Jalandhar district of Punjab, India	Manish Kumar, Anjali Kaushal, Amit Sarin, Rajesh Kumar, Navjeet Sharma	Amritsar Campus	Indoor and Built Environment	2017		https://mjl.clarivate.com/search-results?issn=1420-326X&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	9	9
Strain energy and finite element analysis to predict the mechanical properties of vapor grown carbon fiber reinforced polypropylene nanocomposites	A.K. Bagha, ShashiBahl	Mechanical Engineering	Materials Today: Proceedings	2021		https://www.sciencedirect.com/science/article/pii/S2214785320367213	9	9
"Microstructural (self-assembly) and optical based discrimination of Hg ²⁺ , CN ⁻ and Hg(CN) ₂ ion-pair; Hg ²⁺ promoted-ESIPT assisted guanylation of thiourea"	Prabhpreet Singh, Harminder Singh, Gaurav Bhargava, Subodh Kumar	Chemical Sciences	Sensors & Actuators: B. Chemical	2018	0925-4005	https://www.scopus.com/sourceid/25236	8	8
An Optimized Two-Step Hybrid Block Method Formulated in Variable Step-Size Mode for Integrating $y''=f(x,y,y')$ numerically	Gurjinder Singh, Higinio Ramos	Mathematical	Numerical Mathematics: Theory, Methods and Applications	2019			8	9

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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	Number of citations	Number of citations in Web of Science
Antioxidative Potential of Phyllanthus emblica for Oxidation Stability of Biodiesels	Meetu Singh, Neerja Sharma, Harkirat S. Paras, Navneet S. Hans, Narinder P. Singh, and Amit Sarin	Amritsar Campus	Environmental Progress & Sustainable Energy	2019		https://mjl.clarivate.com/search-results?issn=1944-7442&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	8	8
Augmentation of hepatoprotective potential of Aegle marmelos in combination with piperine in carbon tetrachloride model in wistar rats	Shabir Sidhu	Food Sci & Tech.	Chemistry Central Journal	2018			8	5
Catalytic reforming of synthetic biogas for hydrogen enrichment over Ni supported on ZnO-CeO ₂ mixed catalyst,	Pali Rosha, Saroj Kumar Mohapatra, Sunil Kumar Mahla, AmitDhir	Mechanical Engineering	Biomass and Bioenergy (Impact Factor 5.061)	2019		https://mjl.clarivate.com/search-results?issn=0961-9534,1757-1693,2359-2710,2211-9264,1939-1234,2190-6815,1556-6560,1877-2641,2191-9542,1406-894X&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	8	8
Parametric optimization in die-sinking EDM of Nimonic 90 alloy using Taguchi-based GRA approach	Hitesh Vasudev, Lalit Thakur, Harmeet Singh, Amit Bansal	I.K Gujral Punjab Technical University, Main	Surface and Coatings Technology	2020	0257-8972	https://www.emerald.com/insight/content/doi/10.1108/WJE-04-2020-0134/full/html	8	8
Quadruple-signaling (PET, ICT, ES IPT, -C=N- rotation) mechanism-based dual chemosensor for detection of Cu ²⁺ and Zn ²⁺ ions: TRANSFER, INH and complimentary OR/NOR logic circuits	Harminder Singh, Gaurav Bhargava, Subodh Kumar, Prabhpreet Singh	Chemical Sciences	Journal of Photochemistry and Photobiology A: Chemistry	2018	1010-6030	https://www.scopus.com/sourceid/26966	8	8

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Study and Characterization of Mechanical and Electrochemical Corrosion Properties of Plasma Sprayed Hydroxyapatite Coatings on AISI 304L Stainless Steel	Vikas Rattan, T S Sidhu, Manoj Mittal	I.K Gujral Punjab Technical University, Main Campus	Journal of Biomimetics, Biomaterials and Biomedical Engineering	2018	2296-9845	https://doi.org/10.4028/www.scientific.net/JBBBE.35.20	8	0
<u>Trend and time series analysis by ARIMA model to predict the emissions and performance characteristics of biogas fueled compression ignition engine</u>	Sunil Kumar Mahla, Kulwinder Singh Parmar, Jujhar Singh, AmitDhir, Sarbjot Singh Sandhu, Bhupendra Singh	Mathematical Sciences (IKGPTU HSP)	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects.	2019		https://mjl.clarivate.com/search-results?issn=1556-7036&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	8	8
Trend and time series analysis by ARIMA model to predict the emissions and performance characteristics of biogas fuelled compression ignition engine	Sunil Mahla, Kulwinder Parmar, Jujhar Singh, Amit Dhir, Sarbjot Singh Sandhu, Bhupendra Chauhan;	Department of Mechanical Engineering, I.K. Gujral Punjab Technical University	Energy Source, part A: Recovery, utilization and environment effects	2019	1556-7230	https://mjl.clarivate.com/search-results	8	0
A Distributed, Multi-Hop, Adaptive, Tree-based Energy-Balance Routing Approach", International	Vishal Arora,Vishal Sharma and Monika Sachdeva	CSE	Journal of Communication Systems, Wiley, 2019.	2019	ISSN: 1099-1131	http://mjl.clarivate.com/cgi-bin/jmlst/jlresults.cgi?PC=MASTER&ISSN=*1099-1131	7	4
A Multiple Pheromone Ant Colony Optimization Scheme for Energy Efficient Wireless Sensor Networks	Vishal Arora,Vishal Sharma and Monika Sachdeva	CSE	Soft Computing, Springer, 2019	2019	ISSN: 1433-7479	http://mjl.clarivate.com/cgi-bin/jmlst/jlresults.cgi?PC=MASTER&ISSN=*1432-7643	7	0
Advancements in Biosensor Technologies for Medical Field and COVID-19 Pandemic	ShashiBahl, A.K. Bagha, S. Rab, M. Javaid, A. Haleem, R.P. Singh	Mechanical Engineering	Journal of Industrial Integration and Management	2021		https://www.worldscientific.com/doi/abs/10.1142/S2424862221500081	7	7

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Characteristic study of cold sprayed N06601 superalloy surface'	H. Singh, H. Khosla, G.S. Walia, T.S. Sidhu, S.B.S. Kalsi	Amritsar Campus	Surface Engineering	2018		https://mjl.clarivate.com/search-results?issn=0267-0844&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-sources.uri	7	4
Direct Conversion of Carboxylic Acids to Various Nitrogen-Containing Compounds in the One-Pot Exploiting Curtius Rearrangement	Arun Kumar, Naveen Kumar, Ritika Sharma, Gaurav Bhargava, Dinesh Mahajan	Chemical Sciences	Journal of Organic Chemistry	2019	0022-3263 (print); 1520-6904 (web)	https://www.scopus.com/sources.uri	7	6
Exploring the significant applications of Internet of Things (IoT) with 3D printing using advanced materials in medical field	S. Fatima, A. Haleem, ShashiBahl, M. Javaid, S.K. Mahla, S. Singh	Mechanical Engineering	Materials Today: Proceedings	2021		https://www.sciencedirect.com/science/article/pii/S2214785321003941	7	7
HYTAR: A HYbrid Telescope ARray detection system for heavy ion nuclear reactions around Coulomb barrier	Akhil Jhingan, Gurpreet Kaur, N. Saneesh, R. Ahuja, Tathagata Banerjee, Rakesh Dubey, Varinderjit Singh, Ruchi Mahajan, Meenu Thakur, M. Kumar	Physical Sciences	Nuclear Instruments and Methods in Physics Research A 903, 326	2018			7	12
Improvements in the Explicit Estimation of Pollutant Dispersion Coefficient in Rivers by Subset Selection of Maximum Dissimilarity Hybridized With ANFIS-Firefly Algorithm (FFA)	HossienRiahi-Madvar, MajidDehghani, Kulwinder Singh Parmar,	Mathematical Sciences (IKGPTU HSP)	IEEE Access (IEEE)	2020		https://mjl.clarivate.com/search-results?issn=2169-3536&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	7	7

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Improving the high-temperature oxidation resistance of ASME-SA213-T11 boiler tube steel by plasma spraying with CNT-reinforced alumina coatings	Rakesh Goyal, Buta Singh Sidhu, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University	Anti-Corrosion Methods and Materials	2018	0003-5599	https://www.emerald.com/insight/content/doi/10.1108/ACMM-03-2017-1778/full/html	7	0
Influence of microwave processing and sintering temperature on the structure and properties of Sr/Zr doped hydroxyapatite	Ravinder Kumar Chadha, Anirudh P. Singh, Chetan Sharma, Vandana Naithani	Chemical Sciences	Materials Chemistry and Physics	2019	0254-0584	https://www.scopus.com/sourceid/17800	7	7
Momentum transfer dependence of generalized parton distributions	Neetika Sharma	Physical Sciences	Eur. Phys. J. A 52, 338	2016			7	7
A multifunctional perylenediimide-based dual-analyte chemodosimeter for specific and rapid detection of H ₂ S and Pd(0) in water, biofluids, live cells and solid state	Kapil Kumar, Sandeep Kaur, Satwinderjeet Kaur, Gaurav Bhargava, Subodh Kumar, Prabhpreet Singh	Chemical Sciences	Journal of Photochemistry and Photobiology A: Chemistry	2020	1010-6030	https://www.scopus.com/sources.uri	6	6
An outlook on the sustainable machining aspects of minimum quantity lubrication during processing of difficult to cut materials	Singh, Gurpreet, Vivek Aggarwal, and Sehijpal Singh	Department of Mechanical Engineering, I.K Gujral Punjab Technical University	Materials Today: Proceedings	2020	2214-7853	https://www.scopus.com/sourceid/21100370037	6	0
Calendula officinalis ameliorates l-arginine-induced acute necrotizing pancreatitis in rats	Shabir Sidhu	Food Sci & Tech.	Pharmaceutical Biology	2016			6	4

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Characteristic study of N07718 superalloy surface prepared by cold spray	H. Singh, H. Khosla, T.S. Sidhu, S.B.S. Kalsi, J. Karthikeyan	Amritsar Campus	Materials and Manufacturing Processes	2108		https://mjl.clarivate.com/search-results?issn=1042-6914&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-	6	5
Chemical State analysis of Cl, K and KB13 x-ray emission lines using polychromatic WDXRF spectrometer	Harpreet Singh Kainth, Arun Upmanyu, Hitesh Sharma, Teibir	Physical Sciences	Nuclear Inst. And Methods in Physics Research B416. 62	2018			6	6
Combined impact of varying biogas mass flow rate and rice bran methyl esters blended with diesel on a dual fuel engine	Geetesh Goga, Bhupendra Singh Chauhan, Sunil Kumar Mahla, Amit Dhir, Heang Muk Cho	Mechanical Engineering	Energy Sources, Part A: Recov., Utiliz., and Environmental Effects (Impact Factor 3.447)	2019		https://mjl.clarivate.com/search-results?issn=1556-7036,1556-7249,2008-9163,2160-5882,1754-5692,1944-7442,1093-4529,0360-1234,1059-0501,1528-7394&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-	6	6
Cross section measurements of radiative KL2,3 in case of ²⁴ Cr and L3M4,5RRS in ⁵⁹ Pr for Mn K α 1,2X -rays	Veena Sharma, Arun Upmanyu, R. Singh, G. Singh, Hitesh Sharma, Sanjeev Kumar	Physical Sciences	Radiation Physics and Chemistry 135, 55-62	2017			6	6
Drug safety alerts of pharmacovigilance programme of India: A scope for targeted spontaneous reporting in India	Shabir Sidhu	Food Sci & Tech.	Perspectives in Clinical Research	2018			6	0

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Effects of metal containments and antioxidants on the oxidation stability of argemone Mexicana biodiesel: Experimental and statistical study (Published Online)	Mandeep Singh, Deepak Kumar Singh, Surjit Kumar Gandhi, AmitSarin, SanjeevSaini, Sunil Kumar Mahla, Ajay Gupta, SS Sandhu	Mechanical Engineering	Waste & Biomass Valorisation (Impact Factor 3.703)	2019		https://mjl.clarivate.com/search-results?issn=1877-2641,2211-9264,0961-9534,2190-6815,2153-5493,1438-4957,1096-2247,1747-6526,0956-053X,0734-242X&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	6	6
Investigation of fusion enhancement for the neutron-rich mid-mass nuclei using dynamical cluster- decay model	Rupinder Kaur, Maninder Kaur, Varinderjit Singh, Sarbjeet Kaur, BirBikram Singh, and B. S. Sandhu	Physical Sciences	Physical Review C 98, 064612	2018			6	5
Microwave and conventional processing of niobium and manganese doped lanthanum germanate based apatites	Chetan sharma; kanchan L.Singh; Anirudh P.Singh; vandana Naithani; Payal sharma; Sonia Mago and Ravinder Kumar	Chemical Sciences	Materials Chemistry and Physics	2018	0254-0584	https://www.scopus.com/sourceid/17800	6	5
Numerical Analysis of Reliability and Availability of a Complex Repairable System	Munish Mehta, Jujhar Singh and Manpreet Singh	Department of Mechanical Engineering, I.K. Gujral Punjab Technical University	Journal of Mechanical Engineering Research and Developments	2017	1024-1752	https://www.scopus.com/sourceid/20980	6	0
Synthesis of noval hybrid nanocomposite of AZ31 Mg/Graphene by multi-pass friction stir processing and evaluation of mechanical properties	Sanjay Sharma, AmitHanda, Sahib Sartaj Singh & Deepak Verma	Mechanical Engineering	Materials Research Express	2019		https://mjl.clarivate.com/search-results?issn=2053-1591&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	6	6

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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	Number of citations	Number of citations in Web of Science
Tandem Aza-Michael and Intramolecular Amidic Ring-Opening Reactions of β -Lactams: A Facile Synthesis of 4-Oxo-4, 5-dihydro-1H-pyrroles from β -Lactam Synthons, 2	Priyanka Sharma, Maninderjeet Kaur Mann, Bilash Kuila, Prabhpreet Singh, Gaurav Bhargava	Chemical Sciences	Synlett	2016	093-65214	https://www.scopus.com/sourceid/26491	6	6
Wear Properties of Cryogenic Treated Electrodes on Machining Of En-31	Amandeep Singh, Neel Kanth Grover	Department of Mechanical Engineering, I.K Gujral Punjab Technical University	Material today: Prodceedings	2015	2214-7853	Wear Properties of Cryogenic Treated Electrodes on Machining Of En-31 - ScienceDirect	6	0
A facile and highly chemoselective synthesis of 1-thia-3a,6-diaza-benzo[e]azulen-3-ones by 7-exo-dig/trig halocyclizations."	Bilash Kuila, Dinesh Mahajan, Prabhpreet Singh and Gaurav Bhargava	Chemical Sciences	RSC Advances	2016	2046-2069	https://www.scopus.com/sourceid/21100199840	5	5
A facile synthesis of Cs loaded TiO ₂ nanotube photo electrode for the removal of 4-chloroguaicol,	Himadri Rajput, RahilChangotra, Vikas Kumar Sangal, Sunil Kumar Mahla, AmitDhir	Mechanical Engineering	Chemosphere (Impact Factor 7.086)	2019		https://mjl.clarivate.com/search-results?issn=0045-6535&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-	5	5
Assessment of radionuclide concentration and exhalation studies in soil of lesser Himalayas of Jammu and Kashmir, India	Ajay Kumar, Raman Vij, Sumit Sharma, Amit Sarin, Saurabh Narang	Amritsar Campus	Acta Geophysica	2018		https://mjl.clarivate.com/search-results?issn=1895-6572&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	5	5

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Characterization and Accelerated Erosion Testing of HVOF-sprayed WC-Co-Cr and CoNiCrAlY Coatings on CA6NM Turbine Steel	Deepak Kumar Goyal, Harpreet Singh, and Harmesh Kumar	Department of Mechanical Engineering, I.K Gujral Punjab Technical University	Journal of Thermal Spray Technology	2019	1544-1016	https://mjl.clarivate.com/search-results?issn=1059-9630&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	5	0
Combating Wear of ASTM A36 Steel by Surface Modification Using Thermally Sprayed Cermet Coatings	Vineet Shibe, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University	Advances in Materials Science and Engineering	2016	1687-8442	https://www.hindawi.com/journals/amse/2016/3894145/	5	0
Design and Applications of Small Molecular Probes for Calcium Detection	Roopa, Naresh Kumar, Manoj Kumar and	Chemical Sciences	Chemistry-An Asian Journal	2019	1861-471X	https://www.scopus.com/sourceid/4800156201	5	7
Effect of Gas Adsorption on Graphene Nanoribbons: A Density Functional Theory	Sandeep Kumar and Hitesh Sharma	Physical Sciences	Materials Today: Proceedings 4, 10441-10445	2017			5	5
Effect of metal contaminants and antioxidants on the oxidation stability of Argemone Mexicana biodiesel, Experimental and Statistical study	Mandip Singh, Deepak Kumar Singh, Surjit Kumar Gandhi, Amit Sarin, Sanjeev Saini, Sunil Kumar Malha, Anay Gupta and	Amritsar Campus	Waste and biomass valorization	2019		https://mjl.clarivate.com/search-results?issn=1877-2641&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	5	5
Effect of Microwave and Conventional processing techniques on mechanical properties of Strontium substituted hydroxyapatite	Ravinder Kumar Chadha, Anirudh P. Singh, Kanchan L. Singh, Chetan Sharma, Vandana Naithani	Chemical Sciences	Ceramics International	2020	0272-8842 (print); 1873-3956(online)	https://www.scopus.com/sourceid/21522	5	3
Energy efficient task scheduling mechanism in cloud computing	Prabhpreet kaur and Monika Sachdeva	CSE	International Journal of Control Theory and Applications	2016	0974-5572	https://www.scopus.com/sourceid/21100231630?origin=resultslist	5	0

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Erosion studies of cermet-coated ASTM A36 steel	Vineet Shibe, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University	Industrial Lubrication and Tribology	2019	0036-8792	https://www.emerald.com/insight/content/doi/10.1108/ILT-01-2018-0001/full/html	5	0
Hepatoprotective effect of Aegle marmelos augmented with piperine co-administration in paracetamol model	Shabir Sidhu, Rajneesh Kant Sachdev	Food Sci & Tech.	Brazilian Journal of Pharmacognosy	2018			5	4
Influence of heat treatment on microstructure and mechanical properties of Inconel-625 clad deposited on mild steel	Amit Bansal, Sunny Zafar and Suneet	I.K Gujral Punjab Technical University, Main	Indian Journal of Engineering & Materials Sciences	2018	0975-1017 (Online); 0971-4588 (Print)	http://nopr.niscair.res.in/bitstream/123456789/43707/3/IJEMS%2024%286%29%20477-483.pdf	5	5
Integrating morphological edge detection and mutual information for nonrigid registration of medical images	Aggarwal, Vivek, and Anupama Gupta	Department of Mechanical Engineering, I.K Gujral Punjab Technical University	Current Medical Imaging	2019	1573-4056	https://mjl.clarivate.com/search-results?issn=1573-4056&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	5	0
Microwave cladding of Inconel-625 on mild steel substrate for corrosion protection	Hitesh Vasudev, Gurbej Singh, Amit Bansal, Sanchit Vardhan, Shubham Sharma	I.K Gujral Punjab Technical University, Main	Mater. Res. Express	2020	2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/ab6fa3	5	5
Probing the fusion of neutron-rich nuclei with re-accelerated radioactive beams	J. Vadas, Varinderjit Singh, B. B. Wiggins, J. Huston, S. Hudan, R. T. deSouza, Z. Lin, C. J. Horowitz, A. Chbihi, D. Ackermann, M.	Physical Sciences	Physical Review C	2018	97, 031601		5	5

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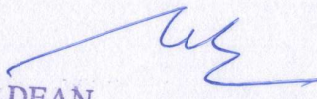
Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN Number	Link to the recognition in UGC enlistment of the Journal	Number of citations	Number of citations in Web of Science
Radon and uranium concentrations in drinking water sources along the fault line passing through Reasi district, lesser Himalayas of Jammu and Kashmir State, India	Ajay Kumar, Raman Vij, Amit Sarin & Priya Kanwar	Amritsar Campus	Human and Ecological Risk Assessment: An International Journal	2017		https://mjl.clarivate.com/search-results?issn=1080-7039&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	5	5
Rayleigh wave at composite porous half space saturated by two immiscible fluids, Applied Mathematical Modelling	Abhishek Painuley and Ashish Arora	Mathematical	Applied Mathematical Modelling	2019			5	6
A Biological Immune System (BIS) Inspired Mobile Agent Platform (MAP) Security Architecture	Pallavi Bagga, Rahul Hans, Vipul Sharma	Amritsar Campus	Expert Systems with Applications (Elsevier)	2017		https://mjl.clarivate.com/search-results?issn=0957-4174&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	4	3
A Comprehensive Review of Mitigation Techniques for Blackhole Attack in AODV Routing Protocol in MANETS	Nitin Khanna and Monika Sachdeva	CSE	International Journal of Advanced Science and Technology	2018	2005-4238	https://www.scopus.com/sourceid/21100829147?origin=resultslist	4	0
An efficient optimized adaptive step-size hybrid block method for integrating differential systems	Gurjinder Singh, Arvind Garg, V. Kanwar, Higinio Ramos	Mathematical	Applied Mathematics and Computation	2019			4	3
Big data applications to take up major challenges across manufacturing industries: A brief review	M. Azeem, A. Haleem, ShashiBahl, M. Javaid, R. Suman	Mechanical Engineering	Materials Today: Proceedings	2021		https://www.sciencedirect.com/science/article/pii/S2214785321012098	4	4
Bioengineering technology in context to COVID-19 pandemic: Potential roles and applications	ShashiBahl, K. Iyengar, A.K. Bagha, I. Jaly, V. Jain, R. Vaishva	Mechanical Engineering	Journal of Industrial Integration and Management	2021		https://www.worldscientific.com/doi/abs/10.1142/S2424862221500056	4	4

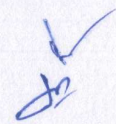
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Characterisation of plasma sprayed CNT-Alumina composite coatings on boiler tube steel	Rakesh Goyal, Buta Singh Sidhu, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University	Journal of Polymer & Composites	2017	2321-2810	https://scholar.google.com/scholar?cluster=13892787175594487639&hl=en&oi=scholar	4	0
Characterization of Fe-C-Cr Based Hardfacing Alloys	Vineet Shibe, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University	Transactions of the Indian Institute Of Metals	2018	9722815	https://link.springer.com/article/10.1007/s12666-018-1352-6	4	0
Depositing Fe-C-Cr based Hardfacing Alloys on Steel Substrate for Enhancement in Wear Resistance	Vineet Shibe, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	International Journal of Engineering and Technology	2017	2319-8613 (Print) 0975-4024(Online)	https://www.researchgate.net/profile/Shibe-2/publication/318657378_Depositing_Fe-C-Cr_based_Hardfacing_Alloys_on_Steel_Substrate_for_Enhancement_in_Wear_Resistance/links/599722eea6fdcc261575dd16/Depositing-Fe-C-Cr-based-Hardfacing-Alloys-on-Steel-Substrate-for-Enhancement-in-Wear-Resistance.pdf	4	0
Determination and utilization of optimal diesel/n-butanol/biogas derivation for small utility dual fuel diesel engine	Sunil Kumar Mahla*, Seyed Mohammad SafieddinArdebili, Himanshu Sharma, AmitDhir, GeeteshGana	Mechanical Engineering	Fuel (Impact Factor 6.607)	2021		https://mjl.clarivate.com/search-results?issn=0016-2361&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-	4	4
Electronic and magnetic properties of small fullerene carbon nanobuds: A DFT study,	Amrisha Sharma, Sandeep Kaur, Hitesh Sharma and Isha	Physical Sciences	Mater. Res. Express, 5, 065032	2018			4	4

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Electronic and magnetic properties of small fullerene carbon nanobuds: A DFT study	Amrish Sharma, Sandeep Kaur, Isha and Hitesh Sharma	Physical Sciences	Mater. Res. Express, 5, 065032	2018			4	4
Enhanced oral bioavailability of nisoldipine-piperine-loaded polylactic-co-glycolic acid nanoparticles	Shabir Sidhu	Food Sci & Tech.	Nanotechnology Reviews	2017			4	4
Enhancement in wear resistance by depositing Fe-C-Cr based hardfacing alloys on ASTM A36 steel	Vineet Shibe, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University	Journal of Metallurgy and Materials Science	2017	0972-4257 (Print) 0974-1267 (online)	https://www.indianjournals.com/ijor.aspx?target=ijor:jms&volume=59&issue=1&article=001	4	0
Erosive wear behaviour of HVOF-sprayed Ni-20Cr203 coating on pipeline materials	Anuj Bansal, Deepak Kumar Goyal, Prabhjot Singh, Anil Kumar Singla, Munish Kumar Gupta, Niraj Bala, Jayant Kolte, Gautam Setia	Department of Mechanical Engineering, I.K Gujral Punjab Technical University	International Journal of Refractory Metals & Hard Materials	2020	0263-4368	https://mjl.clarivate.com/search-results?issn=0263-4368&hide_exact_match_filter=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	4	0
Improvement in dehydrogenation of MXH4 where M = Na, Li and X = Al, B confined in CNTs: a DFT investigation	Meenakshi, Deepak Agnihotri and Hitesh Sharma	Physical Sciences	Mater. Res. Express 3, 115013	2016			4	4
Microstructural analysis and hot corrosion behavior of HVOF-sprayed Ni-22Cr-10Al-1Y and Ni-22Cr-10Al-1Y-SiC (N) coatings on ASTM-SA213-T22 steel	Gurmail Singh, Niraj Bala, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University	International Journal of Minerals, Metallurgy and Materials	2020	1869-103X	https://link.springer.com/article/10.1007/s12613-019-1946-y	4	0


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Mining Rare Itemsets from Weblog Data	Brijesh Bakariya, G.S. Thakur	Computer Application	National Academy Science Letters, Springer	2016		UGC-CARE List as Group II (https://mjl.clarivate.com/search-results?issn=0250-541X&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal)	4	4
Neuro-fuzzy-wavelet hybrid approach to estimate the future trends of river water quality	Kulwinder Singh Parmar, Sidhu Jitendra Singh Makkhan, Sachin Kaushal	Mathematical Sciences (IKGPTU HSP)	Neural Computing and Applications 31(12) (Springer) (Impact Factor 4.664).	2019		https://mjl.clarivate.com/search-results?issn=0941-0643&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	4	4
Selective laser melting of Ti6Al4V alloy: Process parameters, defects and post-treatments	Anil Kumar Singla, Mainak Banerjee, Aman Sharma, Jagtar Singh, Anuj Bansal, Munish Kumar Gupta, Navneet Khanna, A.S. Shahi, Deepak	Department of Mechanical Engineering, I.K Gujral Punjab Technical University	Journal of Manufacturing Processes	2021	1526-6125	https://mjl.clarivate.com/search-results?issn=1526-6125&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	4	0
Structural and Magnetic Properties of Small Symmetrical and Asymmetrical sized Fullerene Dimers	Sandeep Kaur, Amrith Sharma, Isha and Hitesh Sharma	Physical Sciences	Mater. Res. Express 5, 016105	2018			4	4
Trend and time series analysis by ARIMA model to predict the emissions and performance characteristics of biogas fuelled compression ignition engine,	Sunil Kumar Mahla*, Kulwinder Singh Parmar, Jujhar Singh, Amit Dhir, Sarbjot Singh Sandhu, Bhupendra Singh Chauhan	Mechanical Engineering	Energy Sources, Part A: Recov., Utiliz., and Environmental Effects (Impact Factor 3.447)	2019		https://mjl.clarivate.com/search-results?issn=1932-2135,1947-5438,0104-6632,1978-2993,0008-4034,0352-9568,0009-2355,0208-6425,0009-2460,0255-2701&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	3	3

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A comprehensive review of current developments on the waste-reinforced polymer-matrix composites for automotive, sports goods and construction applications: Materials, processes and properties,	Shubham Sharma P.Sudhakara S.K.Misra Jujhar Singh	Department of Mechanical Engineering, I.K. Gujral Punjab Technical University	Materials Today: Proceedings,	2020	2214-7853	https://www.scopus.com/sources.uri	3	0
A first principle investigation into effect of B and BN doped C60 in lowering dehydrogenation of MXH4 (where M= Na, Li and X = Al, B)	Meenakshi, Deepak Agnihotri and Hitesh Sharma	Physical Sciences	Bulletin of Materials Science 40, 7, 1397-1403	2017			3	3
A systematic review on recent progress in advanced joining techniques of the lightweight materials	ShashiBahl, T. Singh, V. Kumar, S. Sehgal, A.K. Bagha	Mechanical Engineering	AIMS Materials Science	2021		https://www.aimspress.com/article/doi/10.3934/materials.2021005	3	3
An investigation on oxidation behaviour of high velocity oxy-fuel sprayed Inconel718-Al2O3 composite coatings	Hitesh Vasudev, Lalit Thakur, Harmeet Singh, Amit Bansal	I.K Gujral Punjab Technical University, Main	Materials Today Communications	2020	23524928	https://www.sciencedirect.com/science/article/abs/pii/S0257897220304394	3	3
Characterization and Industrial Performance Evaluation of Duplex-Treated AISI H21 Die Steel during Hot Forging Process	Subhash Chander, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University	Materials Performance and Characterization	2019	2379-1365	https://www.astm.org/DIGITAL_LIBRARY/JOURNALS/MPC/PAGES/MPC20180152.htm	3	0
Chlorophyll triggered one-pot synthesis of 3,4-dihydropyrimidin-2(1H)-ones via photo induced electron transfer reaction	Simran Harsh, Sanjay Kumar, Rohit Sharma, Yogesh Kumar and Runesh Kumar	Chemical Sciences	Arabian Journal of Chemistry, 2020, 13(3), 4720-4730.	2020	1878-5352	https://www.scopus.com/sourceid/19400158709	3	2

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Copper (I)-Catalyzed Regioselective C-H Amination of N-Pyridyl Imines Using Azidotrimethylsilane and TBHP: A One-Pot, Domino Approach to Substituted Imidazo [4, 5-b] pyridines	P Singh, LS Mittal, H Singh, G Bhargava, S Kumar	Chemical Sciences	Chemistryselect	2017	2365-6549	https://www.scopus.com/sourceid/21100850505	3	3
Correlation and time-series analysis of black carbon in the coal mine regions of India: a case study	SidhuJitendra Singh Makkhan, Kulwinder Singh Parmar, SachinKaushal&KirtiSoni	Mathematical Sciences (IKGPTU HSP)	Modeling Earth Systems and Environment(Springer)	2020		https://mjl.clarivate.com/search-results?issn=2363-6203&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	3	3
Development of a compact ExB micro-channel plate detector for beam imaging	B. B. Wiggins, V. Singh, J. Vadas, J. Huston, T. K. Steinbach, S. Hudan, R. T.	Physical Sciences	Nucl. Instr. Meth. in Phys. Res. A 866, 202	2017			3	4
Erosion Studies of D-Gun-Sprayed WC-12%Co, Cr3C2-25%NiCr and Al2O3-13%TiO2 Coatings on ASTM A36 Steel	Vineet Shibe, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University	Journal of Thermal Spray Technology	2019	1544-1016	https://link.springer.com/article/10.1007/s11666-019-00950-5	3	0
Graphene nanoribbons under axial compressive and point tensile stresses	Sandeep Kaur, Hitesh Sharma, V.K. Jindal, Vladimir Bubania	Physical Sciences	Physica E: Low dimensional System and Nanostructures 111, 1-12	2019			3	3
Green inventory supply chain model with inflation under permissible delay in finite planning horizon	Seema Saxena , Vikramjeet Singh, Rajesh Kumar Gupta , Nitin Kumar Mishra	Amritsar Campus	Advances in Science, Technology and Engineering Systems	2019		https://www.scopus.com/sourceid/21100898760	3	0

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Influence of cryogenic treatment on mechanical performance of friction stir Al-Zn-Cu alloy weldments	Anuj Bansal, Anil Kumar Singla, Vinay Dwivedi, Deepak Kumar Goyal, Jonny Singla, Munish Kumar Gupta, Gagan M.	Department of Mechanical Engineering, I.K. Gujral Punjab Technical University	Journal of Manufacturing Processes	2020	1526-6125	https://mjl.clarivate.com/search-results?issn=1526-6125&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	3	0
Influence of rice husk ash, Cu, Mg on the mechanical behaviour of Aluminium Matrix hybrid composites	Ram Narayan Muni, Jujhar Singh, Vineet Kumar, Shubham Sharma	Department of Mechanical Engineering, I.K. Gujral Punjab Technical University	International Journal of Applied Engineering	2019	0973-4562	https://www.scopus.com/sourceid/21100217234	3	0
Load Balanced and Link Break Prediction Routing Protocol for Mobile Ad hoc Networks	Mandeep Gulati, Krishan Kumar and Monika Sachdeva	CSE	International Journal of Future Generation Communication And	2017	1796-2021	https://www.scopus.com/sourceid/21100230800?origin=resultslist	3	1
Mechanical and microstructural characterization of microwave post processed Alloy-718 coating	Hitesh Vasudev, Pradeep Kumar, Lalit Thakur, Amit Bansal	I.K. Gujral Punjab Technical University, Main	Material Research Express	2020	2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/ab66fb	3	3
Modulatory role of vermicompost and vermiwash on growth, yield and nutritional profiling of Linum usitatissimum L. (Linseed): a field study	Cinny Makkar, Jaswinder Singh & Chander Parkash	Chemical Sciences	Environmental Science and Pollution Research	2018	0944-1344E-1614-7499	Environmental Science and Pollution Research (2018) https://doi.org/10.1007/s11356-018-3845-6 https://www.scopus.com/sourceid/23918	3	3
On Combinatorial Extensions of Rogers-Ramanujan Type Identities	M. Goyal	Mathematical	Contributions to Discrete Mathematics	2017			3	3
Parametric optimization in wire EDM of D2 tool steel using Taguchi method	Hitesh Vasudev, Gaurav Prashar, Lalit Thakur, Amit Bansal	I.K. Gujral Punjab Technical University, Main	Journal of Failure Analysis and Prevention	2020	18641245	https://www.sciencedirect.com/science/article/pii/S2214785320315923	3	3

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Parametric optimization of rice husk ash, copper, magnesium reinforced aluminium matrix hybrid composite processed by EDM	Ram Narayan Muni, Jujhar Singh, Vineet Kumar, Shubham Sharma	Department of Mechanical Engineering, I.K. Gujral Punjab Technical University	ARPN Journal of Engineering and Applied Sciences	2019	1819-6608	https://www.scopus.com/sourceid/21100200825	3	0
Pattern Mining Approach for Social Network Service	Brijesh Bakariya, G.S. Thakur	Computer Application	National Academy Science Letters, Springer	2017		UGC-CARE List as Group II (https://mjl.clarivate.com:/search-results?issn=0250-541X&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal)	3	3
Prediction of indoor radon/thoron concentration in a model room from exhalation rates of building materials for different ventilation rates	Manish Kumar, Navjeet Sharma, Amit Sarin	Amritsar Campus	Acta Geophysica	2018		https://mjl.clarivate.com:/search-results?issn=1895-6572&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	3	3
Protective effect of Mimosa pudica L. in an l-arginine model of acute necrotising pancreatitis in rats	Shabir Sidhu	Food Sci & Tech.	Journal of Natural Medicines	2016			3	2
Recent Advancement in Nanocarriers for Oral Vaccination	Gazal Sharma	Food Sci & Tech.	Artificial Cells, Nanomedicine and Biotechnology	2018			3	3
Utilization of rapid prototyping technology for the fabrication of an orthopedic shoe inserts for foot pain relieve using thermo-softening viscoelastic polymers: A novel experimental approach	Sharma, Shubham, Jujhar Singh, Harish Kumar, Abhinav Sharma, Vivek Aggarwal, Amoljit Singh Gill, N. Jayarambabu, Saraswathi Kailasa, and K. Venkateswar Rao	Department of Mechanical Engineering, I.K. Gujral Punjab Technical University, Main Campus	Measurement and Control	2020	0020-2940	https://mjl.clarivate.com:/search-results?issn=0020-2940&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	3	0

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Effect of hydrogen enriched biogas induction on combustion, performance and emission characteristics of dual fuel compression ignition engine	Pali Roshia, Saroj Kumar Mohapatra, Sunil Kumar Mahla, AmitDhir	Mechanical Engineering	Asia-Pacific Journal of Chemical Engineering (Impact Factor 1.477)	2020		https://mjl.clarivate.com/search-results?issn=1932-2135&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	2	2
, "Highly Chemo and Diastereoselective Synthesis of Diaza-bicyclo[3.2.0]heptan-7-ones, Pyrrolidines and Aziridinopyrrolidine"	Yogesh Kumar, Bilash Kuila Prabhpreet Singh and Gaurav Bhargava	Chemical Sciences	Arkivoc	2016	15517012	https://www.scopus.com/sourceid/22182	2	2
A First Principle Study on C ₂₀ and C ₄₀ Carbon Nanobuds,	Sandeep Kaur, Amrish Sharma, Isha and Hitesh	Physical Sciences	Advance Science letters 24, 888-892	2018			2	2
A mathematical model for wave propagation in a composite solid matrix containing two immiscible fluids	Ashish Arora, Neeru Bala, S. K. Tomar	Mathematical	Acta Mechanica	2016			2	2
A review of Recent Methods for Tool Wear Reduction in Electrical Discharge Machining	Amoljit Singh Gill, Sanjeev Kumar, Jujhar Singh, Vivek Aggarwal and Shubham Sharma	Department of Mechanical Engineering, I.K. Gujral Punjab Technical University	Surface review and letters,	2020	0218-625X / 1793-6667	https://mjl.clarivate.com/journal-profile	2	0
A Review of Recent Methods for Tool Wear Reduction in Electrical Discharge Machining. Surface Review and Letters	Gill, Amoljit Singh, Sanjeev Kumar, Jujhar Singh, Vivek Aggarwal, and Shubham Sharma	Department of Mechanical Engineering, I.K Gujral Punjab Technical University	Surface Review and Letters	2020	0218-625X	https://mjl.clarivate.com/search-results?issn=0218-625X&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	2	0
Adsorption of gas molecules on ultra-thin pristine and doped graphene nanoribbons	Sandeep Kaumar and Hitesh Sharma	Physical Sciences	Mater. Res. Express 5, 105007	2018			2	2

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An Efficient Algorithm for Extracting Infrequent Itemsets from Weblog	Brijesh Bakariya, G.S. Thakur	Computer Application	The International Arab Journal of Information Technology (IAJIT)	2019		UGC-CARE List as Group II (https://mjl.clarivate.com/search-results?issn=1683-3198&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search	2	2
BEST: Battery, Efficiency and Stability based Trust mechanism for mitigation of Blackhole Attack and its Variants in MANET	Nitin Khanna and Monika Sachdeva	CSE	Ad-hoc Sensor and Wireless Network, Old City Publishing, SCI-E, Scopus Indexed (Accepted), Impact Factor: 0.948	2020	1551-9899	https://mjl.clarivate.com/search-results?issn=1551-9899&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search	2	2
Biamphiphilic Ionic Liquids-Drug Mixtures: Interactional and Morphological Aspects	R. Vashishat, R.Sanan, D. Ray, V. K. Aswal and	Chemical Sciences	Chemistry Select	2018	2365-6549	https://www.scopus.com/sourceid/21100850505	2	2
Cefixime-associated acute generalized exanthematous pustulosis: Rare cases in India	Shabir Sidhu	Food Sci & Tech.	Indian Journal of Pharmacology	2019			2	1
Comparing Mechanical and Corrosion Behaviour of TIG & FSW Weldments of AA5083-H321	Harinder Singh Grover, Vikas Chawla, Gurbhinder Singh Brar	Department of Mechanical, I.K Gujral Punjab Technical University	Indian Journal of Science and Technology	2017	0974-6846 (Print) 0974-5645 (Online)	https://sciresol.s3.us-east-2.amazonaws.com/IJST/Articles/2017/Issue-45/Article7.pdf	2	0
Concentrated solar radiation promoted unconventional greener approach: solvent-free benign synthesis of functionalized benzimidazoles	Simran Harsh, Mohamad Yusuf, Rohit Sharma, Yogesh Kumar and Rupesh Kumar	Chemical Sciences	ARKIVOC, 2018, VII, 119-130.	2018	1551-7012	https://www.scopus.com/sourceid/22182	2	2
Construction of new quantum MDS codes derived from Constacyclic Codes.	Rajesh Narula, Manish Gupta, Divya Taneja &	Mathematical	International Journal of Quantum Information	2017			2	4

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COVID-19 Pandemic and Debates on the Design of Operating Theatre Ventilation Systems in Healthcare Facilities	I. Jaly, K.P. Iyengar, ShashiBahl, V. Jain, R. Vaishya	Mechanical Engineering	Journal of Industrial Integration and Management	2021		https://www.worldscientific.com/doi/abs/10.1142/S2424862221500093	2	2
Does Image Matter While Shopping for a Smartphone? A Cross-Cultural Study of Indian and Canadian Consumers	Kaur, H., Soch, H.	Management	Journal of Global Marketing	2018			2	0
Dynamical aspects of $^{48}\text{Ti} + ^{58}\text{Fe}$, $^{58}\text{Ni} \rightarrow ^{106}\text{Cd}^*, ^{106}\text{Sn}^*$ reactions at energies near the coulomb barrier	Rupinder Kaur, Maninder Kaur, Varinderjit Singh, Mandeep Kaur, BirBikram Singh, and B. S.	Physical Sciences	Phys. Rev. C 101, 044605	2020			2	1
Effect of extrusion on thermal, textural and rheological properties of legume based snack	Barinderjit Singh	Food Sci & Tech.	Journal of Food Science and Technology	2018			2	1
Effect of fuel pressure, feed rate, and spray distance on cavitation erosion of Rodojet sprayed $\text{Al}_2\text{O}_3 + 50\% \text{TiO}_2$ coated AISI410 steel	Shivam Pandey, Anuj Bansal, Ankita Omer, Anil Kumar Singla, Deepak Kumar Goyal, Jagtar Singh, Munish Kumar Gupta	Department of Mechanical Engineering, I.K Gujral Punjab Technical University	Surface & Coatings Technology	2021	0257-8972	https://mjl.clarivate.com/search-results?issn=0257-8972&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	2	0
Effectiveness of training and soft skills for enhancing the performance of banking employees	Batra, R., Kaur, D.	Management	Prabandhan: Indian Journal of Management	2018			2	0
Gas chromatography-mass spectrometry analysis of volatile oil obtained from Aegle marmelos leaves collected from foothills of Shivalik range	Shabir Sidhu	Food Sci & Tech.	International Journal of Green Pharmacy	2017			2	0

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Hard gluon evolution of nucleon Generalized Parton Distributions in the Light-front quark model	Neetika Sharma	Physical Sciences	Eur. Phys. J. A 52, 91	2016			2	2
High-rate axial-field ionization chamber for particle identification of radioactive beams	J. Vadas, Varinderjit Singh, G. Visser, A. Alexander, S. Hudan, J. Huston, B.B. Wiggins, A. Chbihi, M. Famianno, M.M.	Physical Sciences	Nucl. Instrum. Methods A 837, 28	2016			2	2
High-temperature corrosion behavior of some post-plasma-spraying-gas-nitrided metallic coatings on a Fe-based superalloy	Vikas Chawla, Buta S Sidhu, Amita Rani, Amit Handa	Department of Mechanical, I.K Gujral Punjab Technical University	Materials and Corrosion	2019	15214176	https://onlinelibrary.wiley.com/doi/abs/10.1002/maco.201910971	2	0
Lattice Thermal Conductivity of pure and doped (B,N) Graphene	Sarita Mann, Isha Mudahar, Hitesh Sharma, V.K. Jindal, G. Dubey	Physical Sciences	Material Research Express	2020			2	2
Mechanical and microstructural behaviour of wear resistant coatings on cast iron lathe machine beds and slides	Hitesh Vasudev, Lalit Thakur, Harmeet Singh, Amit Bansal	I.K Gujral Punjab Technical University, Main	Kovave Materialy Metallic Materials	2018	ISSN 1338-4252 online	http://www.elis.sk/index.php?page=shop.product_details&flypage=flypage.tpl&product_id=5582&category_id=144&option=com_virtuemart	2	2
Microstructure of Ni-Cr Based Coating for Corrosive Conditions	H.Singh, S.B.S. Kalsi, T.S. Sidhu, M.P.S. Dhulka, D.P. Singh, N.P.S. Saini	Amritsar Campus	Journal of Thermal Spray Technology	2019		https://mjl.clarivate.com/search-results?issn=1059-9630&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-	2	2
Microwave heating: Fundamentals and application in surface modification of metallic materials – A review	Paramjit Singh, Deepak Kuamr Goyal, Amit Bansal	I.K Gujral Punjab Technical University, Main	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785320397340	2	2

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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	Number of citations	Number of citations in Web of Science
Multi-objective optimization of performance and emissions characteristics of a variable compression ratio diesel engine running with biogas-diesel fuel using response surface techniques	Sunil Kumar Mahla , Seyyed Mohammad SafieddinArdebili , MostafaMostafaei , AmitDhir , Geetes hGoga & Bhupendra Singh Chauhan	Mechanical Engineering	Energy Sources, Part A: Recov., Utiliz., and Environmental Effects (Impact Factor 3.447)	2020		https://mjl.clarivate.com/search-results?issn=1932-2135,1947-5438,0104-6632,1978-2993,0008-4034,0352-9568,0009-2355,0208-6425,0009-2460,0255-2701&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	2	2
Nanomedicine Technology and COVID-19 Outbreak: Applications and Challenges	N. Gupta, ShashiBahl, A.K. Bagha, S. Vaid, M.	Mechanical Engineering	Journal of Industrial Integration and Management	2021		https://www.worldscientific.com/doi/abs/10.1142/S2424862221500123	2	2
Nature inspired feature selection approach for effective intrusion detection	Rajendar Kaur, Gulshan Kumar and Monika	CSE	Indian Journal of Science and Technology	2016	0974-6846	https://www.scopus.com/sourceid/21100201522?origin=resultslist	2	0
OFFM-ANFIS Analysis for Flood prediction using mobile IoT, Fog and Cloud Computing	Nitin Khanna and Monika and Sachdeva	CSE	Cluster Computing, DOI: 10.1007/s10586-019-03033-w, Springer (SCI-E, Scopus Indexed), 1.851	2019	1386-7857	https://mjl.clarivate.com/search-results?issn=1386-7857&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	2	1
Optical characterisation of amorphous Se-Te-Sn thin films	Amit Sethi, Surbhi Sharma, Amit Sarin, Rajesh Kumar, Navjeet Sharma	Amritsar Campus	Applied Physics A: Materials Science & Processing	2018		https://mjl.clarivate.com/search-results?issn=0947-8396&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	2	2
Oxidation Behaviour of HVOF Sprayed NiCrAlY and NiCrAlY-20SiC Coatings on T-91 Boiler Tube Steel	Gurmail Singh, Niraj Bala, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University	Protection of Metals and Physical Chemistry of Surfaces	2020	2070-206X	https://link.springer.com/article/10.1134/S2070205120010220	2	0

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Comparative study of hot corrosion behavior of bare and plasma sprayed $Al_2O_3-40\%TiO_2$ coated T-91, A-1 boiler steel and Superfer800H superalloy in $Na_2SO_4-60\%V_2O_5$ salt environment	Mohd Shadab Ansari, Amit Bansal, Vikas Chawla and Vivek Aggarwal	I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Surface Topography: Metrology and Properties	2021	2051672X	https://iopscience.iop.org/article/10.1088/2051-672X/ac0171	2	2
Post-treatment of effluent from UASB reactor by surface aerator	R Walia, I mehrotra and Pradeep Kumar	Civil Engg	International Journal of Environmental Science and Technology	2019		https://mjl.clarivate.com/search-results?issn=1735-1472,2215-0986,1082-0132,2095-8293,0950-5423,2095-2686,1905-7873,2374-4731,1875-2160,0955-6222&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by	2	2
Reflection and transmission of inhomogeneous waves in a composite porous solid saturated by two immiscible fluids	Abhishek Painulay and Ashish Arora	Mathematical	Geophysical Prospecting	2017			2	2
Removing uncertainty in the boundary condition of five degree of freedom spring mass vibratory system using direct updating method	S.M. Chhipa, P. Kumar, A.K. Bagha, ShashiBahl	Mechanical Engineering	Materials Today: Proceedings	2021		https://www.sciencedirect.com/science/article/pii/S2214785320367109	2	2
Seasonal Variation of Indoor radon/thoron and their progeny levels in lesser Himalayas of Jammu & Kashmir	Ajay Kumar, Raman Vij, Sumit Sharma and Amit Sarin	Amritsar Campus	Journal of Radioanalytical and Nuclear Chemistry	2020		https://mjl.clarivate.com/search-results?issn=0236-5731&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	2	2

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Selection of Optimal Parameters for Reduction of Forging Defect using AHP-TOPSIS Technique	Panwar, A., R. Kumar, R. Thakur, B. Goel, A. Rana, A. Pathania, and V. Aggarwal	Department of Mechanical Engineering, I.K Gujral Punjab Technical University	International Journal on Emerging Technologies	2020	0975-8364	https://www.scopus.com/sourceid/21100901133	2	0
Separate effect of biodiesel, n-butanol, and biogas on performance and emission characteristics of diesel engine: a review.	Mahla, S.K., Goga, G., Dhir A., Cho, H.M.	Mechanical Engineering	Biomass Conversion & Bio-refinery (Impact Factor 4.987)	2020		https://mjl.clarivate.com/search-results?issn=2190-6815,2211-9264,0961-9534,0196-8904,0885-8969,2381-6872,1877-2641,1754-6834,2292-8782,2500-1019&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link	2	2
Size dependent electronic and magnetic properties of ultra-thin graphene nanoribbons	Sandeep Kaumar and Hitesh Sharma	Physical Sciences	Mater. Res. Express 3, 095007	2016			2	2
Soft computing model coupled with statistical models to estimate future of stock market	Sarbjit Singh, Kulwinder Singh Parmar, Jatinder Kumar	Mathematical Sciences (IKGPTU HSP)	Neural Computing and Applications. (Springer) (Impact Factor 5.606).	2021		https://mjl.clarivate.com/search-results?issn=0941-0643&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	2	2
Study of High Temperature Oxidation Behavior of Wire Arc Sprayed Coatings	Shashi Kant, Manoj Kumar, Vikas Chawla, Supreet Singh	Department of Mechanical, I.K Gujral Punjab Technical University	Materials Today: Proceedings	2020	2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785320302923	2	0
Substitutional Doping of Asymmetrical Small Fullerene Dimers	Sandeep Kaur, Amrisha Sharma, Isha and Hitesh	Physical Sciences	Advanced Science Letters 24, 888-892	2018			2	2

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Substitutional doping of symmetrical sized small fullerene dimmers	Sandeep Kaur, Amrisha Sharma, Hitesh Sharma and Isha Mudahar	Physical Sciences	In. Journal of Quantum Chemistry 119,23, 1-12	2019			2	2
Tissue Engineering and its Significance in Healthcare During COVID-19 Pandemic: Potential Applications and Perspectives	A. Softa, ShashiBahl, A.K. Bagha, S. Sehgal, A. Haleem, M. Javaid	Mechanical Engineering	Journal of Industrial Integration and Management	2021		https://www.worldscientific.com/doi/10.1142/S242486222150007X	2	2
Transition metal catalyzed [6 + 2] cycloadditions,	Amit Anand, Prabhpreet Singh, Vipan Kumar and Gaurav Bhargava	Chemical Sciences	RSC Advances	2019	2046-2069	https://www.scopus.com/sources.uri	2	2
Tribological investigation of HVOF sprayed coated turbine steel under varied Operating conditions	Mithlesh Sharma, Deepak Kumar Goyal, and Gagandeep Kaushal	Department of Mechanical Engineering, I.K Gujral Punjab Technical University	Materials today: Proceedings	2020	2214-7853	https://www.scopus.com/sourcoid/21100370037	2	0
Wear behaviour of plasma sprayed WC-12%Co and Al ₂ O ₃ -13%TiO ₂ coatings on ASTM A36 steel used for I.D. fans in coal fired power plants	Varun Panwar, Neel Kanth Grover, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University	Materials Research Express	2019	2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/ab3eef/meta	2	0
Wear behaviour of plasma sprayed WC-12%Co and Al ₂ O ₃ -13%TiO ₂ coatings on ASTM A36 steel used for ID fans in coal fired power plants	Varun Panwar, Neel Kanth Grover, Vikas Chawla	Department of Mechanical Engineering, I.K Gujral Punjab Technical University	Material Research Express	2020	2053-1591	https://doi.org/10.1088/2053-1591/AB3EEF	2	0
3D Printing Technology and its Significant Applications in the Context of Healthcare Education	I. Tasneem, A. Ariz, D. Bharti, A. Haleem, M. Javaid, ShashiBahl	Mechanical Engineering	Journal of Industrial Integration and Management	2021		https://www.worldscientific.com/doi/10.1142/S2424862221500159	1	1

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A case study on quality improvement of connecting rod assembly line using six sigma DMAIC cycle	Sunil Kumar and Gayatri brahma, Prabhkiran Kaur, Brijesh kumar	Amritsar Campus	International journal of six sigma and competitive advantage	2020		https://www.inderscienceonline.com/doi/abs/10.1504/IJSSCA.2020.110982	1	0
A Novel approach for Segmentation of Typewritten Gurmukhi Script	Rajan Goyal, Rajesh Narula, Manish Jindal	Mathematical	Int. Journal of advanced science and Technology	2019			1	0
A simplified methodology for finding the natural frequencies and mode shapes of the machine tool structures	JatinderGarg, SonuBalaGarg	Computer Sc&Engg	Materials Today: Proceedings	2020		https://www.sciencedirect.com/science/article/pii/S221478532100448X	1	1
A study of microstructure and mechanical properties of friction stir welding aluminium alloy AA6082 with Zn interlayer	Avtar Singh, Vinod Kumar, Neel Kanth Grover	Department of Mechanical Engineering, I.K Gujral Punjab Technical University	Material Research Express	2019	2053-1591	https://doi.org/10.1088/2053-1591/ab4b1f	1	0
Application of clean gaseous fuels in compression ignition engines under dual fuel mode: a technical review and Indian prespective	Himanshu Sharma, AmitDhir, Sunil Kumar Mahla	Mechanical Engineering	Journal of Cleaner Production (Impact Factor 9.297)	2021		https://mjl.clarivate.com/search-results?issn=0959-6525&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-	1	1
Barriers to adoption of hospital management systems: A study of Punjab healthcare industry	Batra, R., Pall, A.S.	Management	Prabandhan: Indian Journal of Management	2016			1	0
Carbon nanotubes for improving dehydrogenation from NaAlH ₄	Meenakashi, Deepak Agnihotri and Hitesh Sharma	Physical Sciences	Computational and Theoretical Chemistry.	2016			1	1

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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	Number of citations	Number of citations in Web of Science
Comparative Performance of Copper, Graphite, Brass and Aluminium/Graphite Based Different Tool Electrodes for Optimizing the Material Removal Rate during Die-Sinking EDM of Stir-Casted, Al6061/SiC MMCs for Sustainable Manufacturing and Energy Applications	Hardeep Singh, Jujhar Singh, Shubham Sharma, SP Dwivedi, Ahmad J Obaid	Department of Mechanical Engineering, I.K. Gujral Punjab Technical University, Main Campus	Journal of Green Engineering	2021	1904-4720	http://www.jgenng.com/volume11-issue1.php	1	0
Performance of thermal-sprayed coatings to combat hot corrosion of coal-fired boiler tube and effect of process parameters and post-coating heat treatment on coating performance: a review	Santosh Kumar, Amit Handa, Vikas Chawla, Neel Kanth Grover, Rakesh Kumar	Department of Mechanical, I.K Gujral Punjab Technical University, Main Campus	Surface Engineering	2021	1743-2944	https://www.tandfonline.com/doi/abs/10.1080/02670844.2021.1924506	1	1
Comparative study of silicon dioxide and kaolinite ratio for temperature and humidity variations of earth energy enabled cooling system and traditional cooler	R. Suman, D. Nandan, A. Haleem, ShashiBahl, M. Javaid	Mechanical Engineering	Materials Today: Proceedings	2020		https://www.sciencedirect.com/science/article/pii/S221478532033501X	1	1
Comparison of microwave and conventionally sintered manganese and niobium doped lanthanum germanate based apatites by Micro Raman Spectroscopy.	Chetan Sharma, Anirudh P. Singh, Kanchan L Singh, Payal Sharma; Sonia mago; Vandana Naithani; Ravinder Chadha	Chemical Sciences	Materials Chemistry and Physics	2020	0254-0584	https://www.scopus.com/scopus/ourceid/17800	1	1
Critical Review of Techniques for Detection and Mitigation of Co-operative Blackhole Attack in MANET	Nitin Khanna and Monika Sachdeva	CSE	International Journal of Advanced Science and Technology	2018	2005-4238	https://www.scopus.com/scopus/ourceid/21100829147?origin=resultlist	1	0

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Crystallisation kinetics and thermal stability analysis of $\text{Se}_{82}\text{xTe}_{15}\text{Sn}_3\text{Sbx}$ ($0 \leq x \leq 6$) glass alloys	Sethi, Amit & Sarin, Amit & Kumar, Rajesh & Sharma, Navjeet	Amritsar Campus	Physica b: Condensed matter	2018		https://mjl.clarivate.com/search-results?issn=0921-4526&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	1	1
Effect of nitrogen as co-dopant in carbon and boron-doped ZnO clusters	Neha Kapila, Isha, Gaurav and Hitesh Sharma	Physical Sciences	Journal of Magnetism and Magnetic Materials	2016			1	1
Electricity Generation Through Water Supply Pipes in High Rise Buildings	R. Suman, M. Javaid, D. Nandan, ShashiBahl, A.	Mechanical Engineering	Journal of Industrial Integration and Management	2020		https://www.worldscientific.com/doi/abs/10.1142/S2424862220500098	1	1
Erosion-corrosion behavior of wire arc sprayed Ni-Cr and Ni-Al coatings on boiler steel in real boiler environment	Santosh Kumar, Manoj Kumar & Amit Handa	Mechanical Engineering	Materials at High Temperature	2020		https://mjl.clarivate.com/search-results?issn=0960-3409&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	1	1
Evaluation of surface roughness in the turning of mild steel under different cutting conditions using backpropagation neural network	Mohamed Rafik Noor Qureshi, Shubham Sharma, Jujhar Singh, Shaik Dewood Abdul Khadar Rahmath		Proceeding of the Estonian academy of sciences, Manufacturing Engineering,	2020	1736-6046	https://mjl.clarivate.com/journal-profile	1	0
Experimental investigations into sound transmission loss by different materials at aircraft noise	ShashiBahl, A.K. Bagha, S. Sehgal	Mechanical Engineering	Materials Today: Proceedings	2021		https://www.sciencedirect.com/science/article/pii/S2214785320398382	1	1
Experimental study of electroless plating on acrylonitrile butadiene styrene polymer for obtaining new eco-friendly chromium-free processes	R. Suman, D. Nandan, A. Haleem, ShashiBahl, M. Javaid	Mechanical Engineering	Materials Today: Proceedings	2020		https://www.sciencedirect.com/science/article/pii/S2214785320334970?via%3Dihub	1	1
Finite element model updating of metallic and composite structures - A state of the art review	A. Sharma, A.K. Bagha, D.K. Shukla, ShashiBahl	Mechanical Engineering	AIMS Materials Science	2021		https://www.aimspress.com/article/doi/10.3934/materials.2021025?viewType=HTML	1	1

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High temperature oxidation and erosion-corrosion behavior of wire arc sprayed Ni-Al coatings on boiler steel	Santosh Kumar, Manoj Kumar & Amit Handa	Mechanical Engineering	Materials Research Express	2019		https://mjl.clarivate.com/search-results?issn=2053-1591&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	1	1
High temperature oxidation behaviour and characterization of NiCrAlY-B4C coatings deposited by HVOF	Gurmail Singh, Niraj Bala, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University	Materials Research Express	2019	2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/ab1f96/meta	1	0
High temperature corrosion behavior of some post-plasma-spraying-gas-nitride metallic coatings on a Fe-based superalloy	Vikas Chawla, Bala S Sidhu, Amita Rani & Amit Handa	Mechanical Engineering	Materials and Corrosion	2019		https://mjl.clarivate.com/search-results?issn=0947-5117&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	1	1
Influence of tool pin profiles on friction stir welding with a gap for AA6082-T6 aluminium alloy	Avtar Singh, Vinod Kumar, Neel Kanth Grover	Department of Mechanical Engineering, I.K Gujral Punjab Technical University	Material Research Express	2019	2053-1591	https://doi.org/10.1088/2053-1591/ab18cc	1	0
Nickel (0) Catalyzed (3+2) Cycloadditions of Bis-alkylidenecyclopropanes with Diazenes: A Facile Synthesis of Functionalized Pyrazolidine-1,2-Dicarboxylates	Bilash Kuila, Rayees Ahmad, Dinesh Mahajan, Prabhpreet Singh, Gaurav Bhargava	Chemical Sciences	Synlett	2020	0936-5214 (print) 1437-2096 (web)	https://www.scopus.com/sources.uri	1	1

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Performance analysis of free space optical communication system using homotopy perturbation method under different weather conditions	Monika Rani, Harbax Singh Bhatti, Vikramjeet Singh	Amritsar Campus	The Journal of Optoelectronics and Advanced Materials	2018		https://mjl.clarivate.com/search-results?issn=1454-4164&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	1	0
Probing interactions of neurotransmitters with twin tailed anionic surfactant: A detailed physio chemical study	R. Kaur, R. Sanan and R. K. Mahajan	Chemical Sciences	J. Colloid Interface Sci.	2016	0021-9797	https://www.scopus.com/sourceid/26950	1	1
Prospects of Tectona Grandis as a feedstock for Biodiesel.	Amit Sarin, Meetu Singh, Neerja Sharma, N.P. Singh	Amritsar Campus	Frontiers in Energy Research	2017		https://mjl.clarivate.com/search-results?issn=2296-598X&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	1	1
Recent development in the synthesis of pyrrolin-4-ones/pyrrolin-3-ones	Priyanka Sharma, Rupesh Kumar, Gaurav Bhargava	Chemical Sciences	Journal of Heterocyclic Chemistry, 2020, 57(12), 4115-4135.	2020	1943-5193	https://www.scopus.com/sourceid/25882	1	1
Regioselective Copper(I)-Catalyzed Ullmann Amination of Halopyridyl Carboxylates using Sodium Azide: A Route for Aminopyridyl Carboxylates and their Transformation to Pyrido[2,3-d]pyrimidin-4(1H)-ones	Nisha, Chetan Sharma, rupesh Kumar and Yogesh Kumar	Chemical Sciences	ChemistrySelect	2018	2365-6549	https://www.scopus.com/sourceid/21100850505	1	1
Reliability and Availability Evaluation of a Series Paralle+A4:G13I System Subject to Random Failure	Munish Mehta, Jujhar Singh and Manpreet Singh	Department of Mechanical Engineering, I.K. Gujral Punjab Technical University	Indian Journal of Science and Technology	2017	0974-5645	https://www.scopus.com/sourceid/21100201522 sci	1	0

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Rhodium-catalysed chemo- and regio-selective [3 + 2+2] cycloadditions of bis(methylenecyclopropanes) and alkynes: Synthesis of spirocyclic 5-7 condensed cycloheptenes	Bilash Kuila, Priyanka Sharma, Dinesh Mahajan, Prabhpreet Singh and Gaurav Bhargava	Chemical Sciences	Synthetic Communications	2020	0039-7911 (print); 1532-2432 (web)	https://www.scopus.com/sources.uri	1	1
Role of tool rotational speed on the tribological characteristics of magnesium based AZ61A/TiC composite developed via friction stir processing route	PremSagar&Amithanda	Mechanical Engineering	Journal of Achievements in Materials and Manufacturing Engineering	2020		https://www.scopus.com/urceid/21100855821	1	1
Sampled-data model validation: An algorithm and experimental setup of dual fuel IC engine	Someet Singh, Anuj Jain, Sunil Kumar Mahla	Mechanical Engineering	Fuel (Impact Factor 6.607)	2020		https://mjl.clarivate.com/search-results?issn=0016-2361&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-results	1	1
Solid particle erosion studies of D-gun sprayed cermet coatings on ASTM A36 steel	Vineet Shibe, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University, Main Campus, Kanudhala	International Journal of Surface Science and Engineering	2018	1749785X	https://www.inderscienceonline.com/doi/abs/10.1504/IJSURFSE.2018.096150	1	0
Spectroscopic Characterization of Humic acids extracted from different types of Soils of Punjab	Naithani Vandana; Singh, Anirudh P; Nautiyal, M.K.	Chemical Sciences	Journal of Indian Society of Soil Science	2017	0019-638X	https://www.scopus.com/record/display.uri?eid=2-s2.0-85045117891&origin=inward&txGid=5e416a6d9c26b26f3e3432c14a728685	1	0

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Surface characteristics investigation of tool steel machined by powder metallurgy tool in FDA	Amoljit Singh Gill and Sanjeev Kumar	Department of Mechanical Engineering	Materials Research Express	2019	2053-1591	https://iopscience.iop.org/journal/2053-1591	1	0
Suspended Sediment Modeling Using a Heuristic Regression Method Hybridized with Kmeans Clustering	Adnan, R.M.; Parmar, K.S.; Heddham, S.; Shahid, S.; Kisi, O.	Mathematical Sciences (IKGPTU HSP)	Sustainability (MDPI, IF 2.576)	2021		https://mjml.clarivate.com/search-results?issn=2071-1050&hide_exact_match_flag=true&utm_source=mjml&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	1	1
The relationship between career adaptability and job outcomes via fit perceptions: A three-wave longitudinal study	Kaur, H., Kaur, R.	Management	Australian Journal of Career Developmentthis link is disabled	2020			1	1
Effect of increasing neutron-excess on the fusion cross-section in $^{12-15}\text{C} + ^{12}\text{C}$ at above barrier energies	R. T. deSouza, Varinderjit Singh, S. Hudan, Z. Lin and C. J. Horowitz	Physical Sciences	Physics Letter B 814, 136115	2021			0	2
"Magneto-rheological abrasive finishing (MAF) of soft material using abrasives"	Rohit Rampal, Tarun Goyal, Deepam Goyal, Manoj Mittal, Rajeev Kumar Dang, Shashi Bahl,	Department of Mechanical Engineering, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Materials Today Proceedings	2021	1369-7021	https://doi.org/10.1016/j.matpr.2021.01.629	0	0

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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	Number of citations in the Scopus	Number of citations in Web of Science
"Mechanical and microstructural behaviour of weldment of two low alloy steels using MIG"	Vijay Kumar, Manoj Mittal, , Deepam Goyal, Tarun Goyal, Rajeev Kumar Dang, Shashi Bahl,	Department of Mechanical Engineering, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Materials Today Proceedings	2021	1369-7021	https://doi.org/10.1016/j.matpr.2021.01.902	0	0
"Pyrimidinone-hydroxyquinoline conjugate for sequential recognition of Zn ²⁺ /Cd ²⁺ , Cu ²⁺ and its ensemble with Cd ²⁺ for secondary sensing of ATP in water: Application in OR, INH logic gate and 'Set-Reset' memorized device"	Prabhpreet Singh, Harminder Singh, Rashmi Sharma, Gaurav Bhargava, Subodh Kumar,	Chemical Sciences	chemistryselect	2018	2365-6549	https://www.scopus.com/sourceid/21100850505	0	0
"Thermal [2+2] Cycloaddition of Butadienylketene with Imines/1-Azadienes: A One Pot, Domino Approach for α -Alkylidene- β -lactams and their computational studies and Antimicrobial evaluation"	Yogesh Kumar, Preet Mohinder Singh Bedi, Prabhpreet Singh, Adebayo A. Adeniyi, Ashona Singh-Pillay, Parvesh Singh and Gaurav Bhargava	Chemical Sciences	Chemistryselect	2018	2365-6549	https://www.scopus.com/sourceid/21100850505	0	0

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"Utilization of rapid prototyping technology for the fabrication of an orthopedic shoe inserts for foot pain relieve using thermo-softening viscoelastic polymers: A novel experimental approach",	Shubham Sharma, Jujhar Singh, Harish Kumar, Abhinav Sharma, Vivek Aggarwal, Amoljit Singh Gill, N Jayarambabu, Saraswathi Kailasa and K Venkateswara Rao		Journal of Measurement and Control.	2020	0020-2940	https://mjl.clarivate.com/search-results	0	0
3-Butadienyl- β -lactams: A useful synthon for functionalized heterocycles,	Gaurav Bhargava, Maninderjeet K. Mann and Rayees Ahmad Naikoo.	Chemical Sciences	Synthetic Communications	2020	0039-7911 (print); 1532-2432 (web)	https://www.scopus.com/sources.uri	0	0
A Comparative Numerical Analysis on the Effect of Welding consumables on the Ballistic resistance of SMAW joints of Armor steel.	Ambuj Saxena, Shashi Prakash Dwivedi, Shubham Sharma, Vishal Shankar Srivastava, Gursharan Singh, J Singh, Somnath Chattopadhyaya, Catalin Pruncu	Department of Mechanical Engineering, I.K. Gujral Punjab Technical University, Main Campus, Kapurthala	Applied Sciences	2021	2076-3417	https://www.mdpi.com/search?q=A+Comparative+Numerical+Analysis&journal=appls	0	0
A comprehensive review of recent progress in fabrication of magnesium base composites by friction stir processing technique—A review	PremSagar&Amithanda	Mechanical Engineering	AIMS Materials Science	2020		https://mjl.clarivate.com/search-results?issn=2372-0468&hide_exact_match_filter=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-results	0	0

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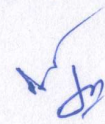
Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN Number	Link to the recognition in UGC enlistment of the Journal	Number of citations in the Scopus	Number of citations in Web of Science
A comprehensive review of thermal spray coating for coal fired power plants	Panwar, V.; Shweta, S.; Chawla, V.; Grover, N.K.	Department of Mechanical, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	International Journal of Mechanical Engineering and Technology	2017	0976-6340	https://www.researchgate.net/publication/319040387_A_comprehensive_review_of_thermal_spray_coating_for_coal_fired_power_plants	0	0
A Grouping based Scheduling Algorithm on Load Balancing in Cloud Computing	Parveen Kaur and Monika Sachdeva	CSE	International Journal of Control Theory and Applications	2016	0974-5572	https://www.scopus.com/sourceid/21100231630?origin=resultslist	0	0
A State of the Art Review of Super Alloys and their Machining Characteristics in Wire-EDM	Jwala Parshad, Neel Kanth Grover, Vivek Aggarwal	Department of Mechanical Engineering, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Jour of Adv Research in Dynamical & Control Systems	2017	1943-023X	Scopus preview - Scopus - Journal of Advanced Research in Dynamical and Control Systems	0	0
Advancement of multi - agent system in healthcare during COVID - 19 pandemic	ShashiBahl, A.K. Bagha, M. Javaid, A. Haleem	Mechanical Engineering	Current Medicine Research and Practice	2021		https://www.cmrjournal.org/article.asp?issn=2352-0817;year=2021;volume=11;issue=4;spage=199;epage=200;aulast=Bahl	0	0
An Analogue of Euler's Identity and Split Perfect Partitions	M. Goyal	Mathematical	Bulletin of the Australian Mathematical Society	2019			0	0

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Analysis and mitigation of XPM crosstalk in the scenario of mixed line rates for next generation access networks	Rakesh Goyal, Rajinder Singh Kaler, Monika Rani, Vikramjeet Singh	Amritsar Campus	Optoelectronics and Advanced Materials, Rapid Communications	2017		https://mjl.clarivate.com:/search-results?issn=1842-6573&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	1
Analysis and optimization of nozzle distance during turning of EN-31 steel using minimum quantity lubrication	Kumar, Ajay, Gurpreet Singh, and Vivek Aggarwal	Department of Mechanical Engineering, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Materials Today: Proceedings	2021	2214-7853	https://www.scopus.com/so/urceid/21100370037	0	0
Analysis of Atmospheric Turbulence on Free Space Optical System using Homotopy Perturbation Method	Monika Rani, Harbax Singh Bhatti and Vikramjeet Singh	Amritsar Campus	Journal of Optical Communications	2019		https://www.scopus.com/so/urceid/19573	0	0
Analysis of cold spray-coated boiler-tube material in chlorine-based corrosive environment at 900°C	H. Singh, S.B.S. Kalsi, T.S. Sidhu	Amritsar Campus	Materials and Corrosion	2019		https://mjl.clarivate.com:/search-results?issn=0947-5117&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-results	0	1

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Analysis of Nonlinear Active Noise Behavior of Fuzzy Controller Using Non-Perturbation Methods	Monika Rani, Rakesh Goyal and Vikramjeet Singh	Amritsar Campus	Fluctuation and Noise Letters	2020		https://mjl.clarivate.com/search-results?issn=0219-4775&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
Application of microwave in welding of metallic materials – A review	D.S. Sahota, Amit Bansal, Vinod Kumar	I.K Gujral Punjab Technical University, Main Campus, Kanurthala	Materials Today: Proceedings	2021	2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785320396747#!	0	0
Approximate Solution of Riccati Differential Equation using He's Variational iteration Method	Vikramjeet Singh, Pankaj Kaushal, Monika Rani.	Amritsar Campus	International Journal of Advanced Science and Technology	2020		https://www.scopus.com/sourceid/21100829147	0	0
Assessing faculty perception towards total quality management of education sector in Punjab	Batra, R., Kaur, S.	Management	International Journal of Recent Technology and Engineering	2019			0	0
Assessing the impact of valence sd neutrons and protons on fusion	Varinderjit Singh, J. Vadas, T.K. Steinbach, B.B. Wiggins, S. Hudan, and R.T. deSouza	Physical Sciences	Phys. Rev. C 103, 064606	2021			0	0
Can open access publishing be made 'JUST' for authors from low-middle income countries?	K.P. Iyengar, V.K. Jain, ShashiBahl, R. Vaishya	Mechanical Engineering	The American Journal of Emergency Medicine	2021		https://www.ajemjournal.com/article/S0735-6757(21)00044-9/fulltext	0	0

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Career adaptability and job outcomes: a moderated mediation model of proactivity and job content plateau in educational sector	Kaur, H., Kaur, R.	Management	Higher Education, Skills and Work-based Learning this link is disabled	2020			0	0
Cascade aeration: a promising post treatment of effluent from UASB reactor	R Walia, I mehrotra and Pradeep Kumar	Civil Engg	Eco. Env. & Cons	2020		https://mjl.clarivate.com/search-results?issn=0971-765X&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
CHARACTERIZATION AND ELECTROCHEMICAL CORROSION ANALYSIS OF HEAT-TREATED REINFORCED HA COATINGS DEPOSITED BY VACUUM PLASMA SPRAY TECHNIQUE	AMARDEEP SINGH KANG, GURBHINDER SINGH, VIKAS CHAWLA, CHANDER PRAKASH, RAMANUJAM RADHAKRISHNAN, LINDA YONGLING	Department of Mechanical, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Surface Review and Letters	2021	1793-6667	https://www.worldscientific.com/doi/abs/10.1142/S0218625X21410031	0	0
Characterization and Wear Behavior of TiN, TiAlN, TiCrN and AlCrN PVD Coatings Deposited onto AISI H13 Hot Forging Die Steel	Subhash Chandra, Vikas Chawla, Badri Narayan	Department of Mechanical, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	International Journal of Metallurgy and Alloys	2018	2456-5113	http://materials.journalspub.info/index.php?journal=IJM&page=article&op=view&path%5B%5D=447	0	0

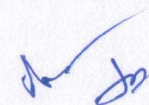
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Characterization of Bearings on Different Rpm and Faults,	Rajeev Kumar, Manpreet Singh, Jujhar Singh, JaiinderPreet Singh, Piyush Gulati, Nitin Chauhan, Sumit Shoor	Department of Mechanical Engineering, I.K. Gujral Punjab Technical University, Main Campus, Kapurthala	Think India Journal,	2019	0971-1260	https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList	0	0
Characterization of LVOF Sprayed Al ₂ O ₃ -13% TiO ₂ and Al ₂ O ₃ - 40% TiO ₂ Coatings on ASTM 316 Boiler Steel and Their Microstructure	Shehbaaz Singh Brar, Gurbhinder Singh Brar, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Solid State Technology	2020	ISSN 0038-111X	http://solidstatetechnology.us/index.php/JSST/article/view/4449	0	0
Characterization of Minerals present in the Agricultural Soil	Naithani Vandana; Singh, Anirudh P., Nautiyal, M.K.	Chemical Sciences	International Journal of Basic and Applied Agricultural Research	2017	0972-8813	ugc_admin_journal_report.aspx.htm	0	0
Classification of malignant lung cancer using deep learning	Vinod Kumar, Brijesh Bakariya	Computer Application	Journal of Medical Engineering & Technology	2021		https://www.scopus.com/authid/detail.uri?authorId=55625265600	0	0
Colloidal Systems: An Excellent Carrier For Nutrient Delivery	Gazal Sharma	Food Sci & Tech.	Nutrient Delivery	2017			0	2

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Comparative Study of High-Temperature Oxidation Behavior of Bare and Plasma Sprayed Al ₂ O ₃ -40%TiO ₂ Coated T-91, A-1 Boiler Steel and Superfer800H Superalloy in Air	Mohd Shadab Ansari, Amit Bansal, Vikas Chawla, Vivek Aggarwal	Department of Mechanical, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Journal of Materials Engineering and Performance	2021	1059-9495	https://publons.com/publon/49391460/	0	0
Comparative study of hot corrosion behavior of bare and plasma sprayed Al ₂ O ₃ -40% TiO ₂ coated T-91, A-1 boiler steel and Superfer800H superalloy in Na ₂ SO ₄ -60% V ₂ O ₅ salt environment	Ansari, Mohd Shadab, Amit Bansal, Vikas Chawla, and Vivek Aggarwal	Department of Mechanical Engineering, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Surface Topography: Metrology and Properties	2021	2051-672X	https://mjl.clarivate.com/search-results?issn=2051-672X&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
Comprehensive analysis of oxidation and storage stability of argemone biodiesel and development of correlations based on experimental results	Mandeep Singh, Amit Sarin and Sarabjot Singh Sandhu	Physical Sciences	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2020			0	0
Comprehensive analysis of oxidation and storage stability of argemone biodiesel and development of correlations based on experimental results	Mandip Singh, Amit Sarin and Sarabjot Singh Sandhu	Amritsar Campus	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2020		https://mjl.clarivate.com/search-results?issn=1556-7036&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0

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Computational Fluid Dynamics Analysis of Impingement Heat Transfer in an Inline Array of Multiple Jets	Parampreet Singh, Neel Kanth Grover, Vivek Agarwal, Shubham Sharma, Jujhar Singh, Milad Sadeghzadeh, Alibek Issakhov	Department of Mechanical Engineering, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Mathematical Problems in Engineering	2021	1024-123X	https://doi.org/10.1155/2021/6668942	0	0
Critical Appraisal of Hot Corrosion Behaviour of Burnished HVOF Sprayed WC-CrC-Ni Coatings in Actual Environmental Conditions of Coal Fired Boiler	Atul Agnihotri, Sukhminderbir Singh Kalsi, H.K Kansal, Vikramjeet Singh, Harminder Singh, Amit Handa	Amritsar Campus	International Journal of Advanced Science and Technology	2020		https://www.scopus.com/sourceid/21100829147	0	0
Cyclic Oxidation and Hot Corrosion Behaviour of Plasma Gun Sprayed Cermet Coatings on SS-304 Steel	Satjot Singh Dhillon, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Solid State Technology	2020	ISSN 0038-111X	http://www.solidstatetechnology.us/index.php/JSST/article/view/6893	0	0
Deep convolutional neural model for human activities recognition in a sequence of video by combining multiple CNN streams	Neeraj Varshney and Brijesh Bakariya	Computer Application	Multimedia Tools and Application	2021		https://www.scopus.com/authid/detail.uri?authorId=55625265600	0	0

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Detection of crack initiation in the ball bearing using FFT analysis,	Gurjit Singh, Rajeev Kumar, Manpreet Singh, Jujhar Singh	Department of Mechanical Engineering, I.K. Gujral Punjab Technical University, Main Campus, Kapurthala	International Journal of Mechanical Engineering and Technology	2017	0976-6359	https://www.scopus.com/sourceid/21100808402	0	0
Detection of denial of service using a cascaded multi-classifier	Avneet Dhillon and Monika Sachdeva	CSE	International Journal of Computational Science and Engineering, 2021	2021	1742-7185	https://mjl.clarivate.com/search-results?issn=1742-7185&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
Diamond turning of optical materials: a review.	Goel, Bhaskar, Sehijpal Singh, RamaGopal V. Sarepaka, Vinod Mishra, Neha Khatri, Vivek Aggarwal, Keshva Nand, and Raj Kumar	Department of Mechanical Engineering, I.K. Gujral Punjab Technical University, Main Campus, Kapurthala	International Journal of Machining and Machinability of Materials	2021	1748-5711	https://www.scopus.com/sourceid/12400154711	0	0
Do high-performance work practices moderate the influence of job content plateau on job attitudes of frontline hotel employees?	Kaur, H., Kaur, R.	Management	Journal of Human Resources in Hospitality and Tourism	2021			0	0

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Does online media self-regulate consumption behavior of INDIAN youth?	Batra, R., Nayyar, V.	Management	International Review on Public and Nonprofit Marketing	2020			0	0
Effect of Dopant and Defects in GNRs on Adsorption of Gas Molecules	Sandeep Kumar, Meenakshi and Hitesh Sharma	Physical Sciences	Mater. Res. Express 5, 105007	2018			0	0
Effect of pore connectivity on reflection amplitudes of an inhomogeneous wave in a composite porous solid saturated by two immiscible fluids	Neeru Bala and Ashish Arora	Mathematical	Journal of earth System Sciences	2018			0	0
Effect of Twist Angle on Structural, Electronic and Magnetic Properties of Carbon Nano Hybrids: A DFT Study	Amrish Sharma, Sandeep Kaur, Hitesh Sharma, Neha Kapila, V.K. Jindal, Vladimir Rubania	Physical Sciences	Computational Materials Science	2020			0	0
Effects of ternary fuel blends (diesel-biodiesel-n-butanol) on emission and performance characteristics of diesel engine using varying mass flow rates of biogas	GeeteshGoga, VarunSingla, Sunil Kumar Mahla*, Bhupendra Singh Chauhan, AmitDhir, DhineshBalasubramaniam, NeeruSingla	Mechanical Engineering	Energy Sources, Part A: Recov., Utiliz., and Environmental Effects (Impact Factor 3.447)	2021		https://mjl.clarivate.com/search-results?issn=1932-2135,1947-5438,0104-6632,1978-2993,0008-4034,0352-9568,0009-2355,0208-6425,0009-2460,0255-2701&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-results	0	0

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Efficient Approach for Weblog Analysis based on Maximum Frequency	DharmendraDaangi, AmitBhagat, BrijeshBakariya	Computer Application	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019		https://www.scopus.com/authid/detail.uri?authorId=55625265600	0	0
Efficient Approach of Analyzing and Generating Intrinsic Information from Weblog	Brijesh Bakariya, G.S. Thakur	Computer Application	National Academy Science Letters, Springer	2017		https://www.scopus.com/authid/detail.uri?authorId=55625265600	0	0
Electrochemical Corrosion Behavior and Microstructural Characterization of HVOF Sprayed Inconel-718 Coating on Gray Cast Iron	Sahil Sharma, Umesh kuamr Vates, Amit Bansal	I.K Gujral Punjab Technical University, Main Campus, Kapurthala	World Journal of Engineering	2020	17085284	https://link.springer.com/article/10.1007/s11668-020-01057-8	0	0
Empirical investigations during WEDM of Ni-27Cu-3.15Al-2Fe-1.5Mn based superalloy for high temperature corrosion resistance applications	Aggarwal, V.; Pruncu, C.I.; Singh, J.; Sharma, S.; Pimenov, D.Y.	Department of Mechanical Engineering, I.K. Gujral Punjab Technical University, Main Campus, Kapurthala	Materials	2020	1996-1944	https://mjl.clarivate.com/search-results	0	0

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Enhancing durability of hot work tool steel by duplex treatments	Subhash Chander, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Asian J Eng Appl Technol	2016	2249-068X	https://scholar.google.com/scholar?cluster=8778537047036178901&hl=en&oi=scholar	0	0
Erosion behavior of laser clad Colmonoy-6 + 50%WC on SS410 steel under accelerated slurry erosion testing	Sarpreet Singh, Parlad Kumar, Deepak Kumar Goyal, Anuj Bansal	Department of Mechanical Engineering, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	International Journal of Refractory Metals & Hard Materials	2021	0263-4368	https://mjl.clarivate.com/search-results?issn=0263-4368&hide_exact_match_filter=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
Erosion studies of plasma sprayed WC-12%Co, Cr3C2-25%NiCr, 80%Ni-20%Cr, 87%Al2O3-13%TiO2 coatings on ASTM A36 steel	Varun Panwar, Neel Kanth Grover, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Materials Research Express	2020	2053-1591	https://iopscience.iop.org/article/10.1088/2053-1591/ab7072/meta	0	0

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Erosion studies of plasma sprayed WC-12%Co, Cr ₃ C ₂ -25%NiCr, 80%Ni-20%Cr, 87%Al ₂ O ₃ -13%TiO ₂ coatings on ASTM A36 steel	Varun Panwar, Neel Kanth Grover, Vikas Chawla	Department of Mechanical Engineering, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Material Research Express	2020	2053-1591	https://doi.org/10.1088/2053-1591/ab7072	0	0
Estimation of Genetic Variability in Jatropha Curcas L. Genotypes for Vegetative Traits and Seed yield	Bhawesh Joshi ¹ , MK Nautiyal, Leela Bhatt, Vikas Mangal, Vandana Naithani	Chemical Sciences	Chem Sci Rev Lett	2019	2278-6783	UGC Approved Journal (No.45864, 2017-2018).	0	0
Evaluating students perception regarding prevailing practices of TQM in management institutions of punjab	Batra, R., Kaur, S.	Management	International Journal of Innovative Technology and Exploring Engineering	2019			0	0
Evaluation of Microstructure and Mechanical Properties of Plasma Sprayed HA+10% wt. Al ₂ O ₃ Coatings on Titanium and SS 316 L with and without Bond Coat	Manoj Mittal	Bhai Maha Singh College of Engineering, Muktsar	International Journal of Research in Mechanical Engineering & Technology	2016	2249-5762		0	0

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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	Number of citations in the Scopus	Number of citations in Web of Science
Evaluation of tensile strength behaviour of friction stir welding joints of aluminium alloy with interlayer	Avtar Singh, Vinod Kumar, Neel Kanth Grover	Department of Mechanical Engineering, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Lecture Notes in Mechanical Engineering	2019	2195-4536	https://doi.org/10.1007/978-981-15-5519-0	0	0
EVALUATION OF WEAR BEHAVIOR OF Al-Si ALLOY USING SiC AS THE REINFORCEMENT	Amit Handa, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Materials Engineering- Materiálové inžinierstvo (MEMI)	2017	1335-0803 (Print) 1338-6174 (Online)	https://core.ac.uk/download/pdf/290079441.pdf	0	0
Exact solitary wave solution for higher order nonlinear Schrodinger equation using He's variational iteration method	Monika Rani, Harbax Singh Bhatti and Vikramjeet Singh,	Amritsar Campus	Optical Engineering	2017		https://mjl.clarivate.com:/search-results?issn=0091-3286&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	2
Examining the impact of structural breaks on long memory of stock returns: Evidence from bombay stock exchange of india long memory	Bala, A., Gupta, K.	Management	Management and Accounting Review	2020			0	0

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EXPERIMENTAL EVALUATION OF MECHANICAL PROPERTIES OF FRICTION WELDED DISSIMILAR STEELS UNDER VARYING AXIAL PRESSURES	Amit Handa, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Journal of MECHANICAL ENGINEERING – Strojnícky časopis	2016	0039-2472 (Print) 2450-5471 (Online)	https://sciendo.com/pdf/10.1515/scjme-2016-0008	0	0
Experimental Investigation of Tensile Strength of MS Rods with Different Edge Preparations	Sewa Singh, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Asian Journal of Engineering and Applied Technology	2016	2249-068X	https://www.researchgate.net/profile/Sewa-Singh-2/publication/304771494_Experimental_Investigation_of_Tensile_Strength_of_MS_Rods_with_Different_Edge_Preparations/links/577a128108aead7ba0764af1/Experimental-Investigation-of-Tensile-Strength-of-MS-Rods-with-Different-Edge-Preparations.pdf	0	0
Experimental investigations into machining performance of Hastelloy C-276 in different cooling environments	Singh, Gurpreet, Vivek Aggarwal, and Sehijpal Singh	Department of Mechanical Engineering, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Materials and Manufacturing Processes	2021	1042-6914	https://mjl.clarivate.com:/search-results?issn=1042-6914&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0

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Experimental investigations on brass material and pin-fin based heat transfer system and its modeling by using adaptive neuro-fuzzy inference system	ShashiBahl, S. Singh, P. Goyal, A.K. Bagha	Mechanical Engineering	Materials Today: Proceedings	2021		https://www.sciencedirect.com/science/article/pii/S2214785321010075	0	0
Exploring consumers' purchase intention towards cosmetic products in a changing lifestyle landscape in a developing nation	Neetu Singh, Manish Bansal and Rajesh Narula	Mathematical	International journal of Management	2020			0	0
Fabrication of low elastic modulus Ti50Nb30HA20Alloy by Rapid Microwave Sintering Technique for Biomedical Applications,	Chander Prakash, Sunpreet Singh, Shubham Sharma, Jujhar Singh, Gursharan Singh, Manoj Mittal, Harish Kumar	Department of Mechanical Engineering, I.K. Gujral Punjab Technical University, Main Campus, Kapurthala	Materials Today- Proceedings,	2019	2214-7853	https://www.scopus.com/sourceid/21100370037	0	0
Facile and Chemoselective Acetylenic Ester Promoted Tandem Ring opening and cyclizations of Dienyl Thiazolidin-4-ones: Synthesis of Functionalized Pyridine-2-Carboxylates	Bilash Kuila, Kapil Kumar, Dinesh Mahajan, Prabhpreet Singh, Gaurav Bhargava	Chemical Sciences	Synlett	2018	093-65214	https://www.scopus.com/sourceid/26491	0	0

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Finite Element Analysis of A Muff Coupling Using CAE Tool	Rajeev Kumar, Manpreet Singh, Jujhar Singh, JaiinderPreet Singh, Piyush Gulati, Nitin Chauhan, Sumit Shoor	Department of Mechanical Engineering, I.K. Gujral Punjab Technical University, Main Campus, Kapurthala	Think India Journal,	2019	0971-1260	https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList	0	0
Generalized measure of fuzzy cross entropy and applications to coding theory	Ruchi Handa, Rajesh Kumar Narula, CP Gandhi	Mathematical	Advances and Applications in Mathematical sciences	2020			0	0
Generalization of zero set of Non-Binary Triple Error Correcting BCH type Code.	Rajesh Narula, Ajay Kumar, O. P Vinocha	Mathematical	J. Math. Comput. Sci.	2016			0	0
Having an Eagle-eye on GENI	Shiffali, Monika Sachdeva and Sunny behal	CSE	International Journal of Control Theory and Applications	2016	0974-5572	https://www.scopus.com/sourceid/21100231630?origin=resultslist	0	0
Heat Treatment of Plasma Sprayed Hydroxyapatite Coatings: Microstructural and Mechanical Characterization	Vikas Rattan, T S Sidhu, Manoj Mittal	I.K Gujral Punjab Technical University, Main Campus, Kapurthala	International Journal of Scientific Research in Science, Engineering and Technology	2017	2394-4099		0	0

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High Temperature Oxidation Behaviour of HVOF Thermally Sprayed NiCrAlY Coating on T-91 Boiler Tube Steel	Gurmail Singh, Niraj Bala, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University, Main Campus, Kanurthala	Materials Today: Proceedings	2017	2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785317307435	0	0
Hot corrosion behavior of CNT reinforced Al ₂ O ₃ coated T-11 boiler steel in Na ₂ SO ₄ -60% V ₂ O ₅ environment at 900° C under cyclic condition	Amandeep Singh, Vikas Chawla, N Grover	Department of Mechanical, I.K Gujral Punjab Technical University, Main Campus, Kanurthala	Int. J. Eng. Sci. Invent. Res. Develop	2017	2349-6185	https://scholar.google.com/scholar?cluster=2757260026788504685&hl=en&oi=scholar	0	0
Hot corrosion behavior of HVOF-sprayed carbide based composite coatings for boiler steel in Na ₂ SO ₄ -60 % V ₂ O ₅ environment at 900 °C under cyclic conditions	Gurmail Singh, Niraj Bala, Vikas Chawla, Yogesh Kumar Singla	Department of Mechanical, I.K Gujral Punjab Technical University, Main Campus, Kanurthala	Corrosion Science	2021	0010-938X	https://www.sciencedirect.com/science/article/abs/pii/S0010938X21004327	0	0

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Hot Corrosion Performance of Plasma-Sprayed Multiwalled Carbon Nanotube-Al ₂ O ₃ Composite Coatings in a Coal-Fired Boiler at 900 °C	Rakesh Goyal, Buta Singh Sidhu, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University, Main Campus, Kharar	Journal of Materials Engineering and Performance	2020	1059-9495	https://link.springer.com/article/10.1007/s11665-020-05070-8	0	0
Human Activity Recognition by combining external features with Accelerometer sensor data using Deep Learning Network model	Neeraj Varshney, Brijesh Bakariya, Alok Kumar Singh Kushwaha and Manish Khare	Computer Application	Multimedia Tools and Applications	2021		https://www.scopus.com/authid/detail.uri?authorId=55625265600	0	0
Human activity recognition using deep transfer learning of cross position sensor based on vertical distribution of data	Neeraj Varshney, Brijesh Bakariya and Alok Kumar Singh Kushwaha	Computer Application	Multimedia Tools and Applications	2021		https://www.scopus.com/authid/detail.uri?authorId=55625265600	0	0
Image driven analysis of plates coated by cold spray coating process using a layerwise approach	A.F. Mota, M.A.R. Loja, H. Singh, S. B. S. Kalsi, J. Infante Barbosa	Amritsar Campus	Composite Structures	2021		https://mjl.clarivate.com/search-results?issn=0263-8223&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
Impact of merger and acquisition announcements on stock return, volatility and liquidity of acquirers: Evidence from the Indian banking sector	Mal, P. , Gupta, K	Management	Management and Accounting Review	2020			0	0

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Impact of post coating heat treatment on the behavior of hydroxyapatite coatings: a review	Amardeep Singh, Gurbhinder Singh, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Materials Today: Proceedings	2018	2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785318311787	0	0
Influence of compositional variations on optoelectrical properties of Ge ₂₀ Sn ₁₀ Se _{70-x} Te _x glass system	Surbhi Sharma; Navjeet Sharma; Amit Sarin	Amritsar Campus	Optical Engineering	2018		https://mjl.clarivate.com/search-results?issn=0091-3286&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
Influence of heat treatment on the microstructure and corrosion properties of the Inconel-625 clad deposited by microwave heating	Gurbhej Singh, Hitesh Vasudev, Amit Bansal, Sachit Vardhan	I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Surface Topography: Metrology and Properties	2021	2051672X	https://iopscience.iop.org/article/10.1088/2051-672X/abfc61	0	0
Influence of Sb substitution on thermal and electrical characteristics of Ge-Sn-Se chalcogenide glass system	Surbhi Sharma, Navjeet Sharma and Amit Sarin	Amritsar Campus	Materials Science and Engineering	2017		https://www.scopus.com/sourceid/19700200831	0	0

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Influence of thickness of hydrophobic polytetrafluoroethylene (PTFE) coatings on cavitation erosion of hydro-machinery steel SS410	Anuj Bansal, Jagtar Singh, Harpreet Singh, Deepak Kumar Goyal	Department of Mechanical Engineering, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Wear	2021	0043-1648	https://mjl.clarivate.com/search-results?issn=0043-1648&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
Intervention of Artificial Neural Network with an improved Activation Function to predict the Performance and Emission Characteristics of a Biogas Powered Dual Fuel Engine	VinayArora, Sunil Kumar Mahla*, Rohan Singh Leekha, AmitDhir, KyungrouLee, Hoon Ko	Mechanical Engineering	Electronics (Impact Factor 2.397)	2021		https://mjl.clarivate.com/search-results?issn=2079-9292&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-results	0	0
Investigating the impact of hedge horizon upon hedging effectiveness: Evidence from the national stock exchange of india	Kaur, M., Gupta, K.	Management	Management and Accounting Review	2019			0	0
Investigating the influence of WEDM process parameters in machining of hybrid aluminum composites	Amresh Kumar, Neelkant Grover, Alakesh Manna, Jasgurpreet Singh Chohan, Ramar Kumar, Sunpreet Singh, Chander Prakash and Catalin Iulian Pruncu	Department of Mechanical Engineering, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Composites and Advanced Materials	2020	2634-9833	https://journals.sagepub.com/doi/10.1177/2633366X20963137	0	0

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	Number of citations in the Scopus	Number of citations in Web of Science
Investigation of mechanical properties and hot corrosion behavior of friction welded AISI 304 and AISI 1021 steels	AmitHanda&VikasChawla	Mechanical Engineering	Sadhana	2020		https://mjl.clarivate.com/search-results?issn=0256-2499&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-results	0	0
Investigation of mechanical properties and hot corrosion behavior of friction welded AISI 304 and AISI 1021 steels	Amit Handa, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University, Main Campus, Kanpur	Sadhana	2020	0973-7677	https://www.ias.ac.in/public/Volumes/sadh/045/00/0129.pdf	0	0
Investigation of the shelf life of the optimized Neem biodiesel and its execution and excretion characteristics on automotive diesel engine	Mayank Chhabra, Balraj Singh Saini, Gaurav Dwivedi, Arun Kumar Behura, Anuj Kumar, Siddharth Jain, Amit Sarin and Puneet Verma	Amritsar Campus	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2021		https://mjl.clarivate.com/search-results?issn=1556-7036&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0

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Investigations on environmental emissions characteristics of CI engine fuelled with castor (<i>Ricinus communis</i>) biodiesel blends	Sunil Kumar Mahla, AmitDhir, Varun Singla and Pali Rosha	Mechanical Engineering	Journal of Environmental Biology	2018		https://mjl.clarivate.com/search-results?issn=0254-8704,1691-8088,0378-1909,1880-554X,1006-687X,2229-2225,1085-7117,1307-9530,0002-7685&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-results	0	0
Investigations on the effect of electrical discharge machining process parameters on the machining behavior of aluminium matrix composites	Dar, Sajad Ahmad, Jatinder Kumar, Shubham Sharma, Gursharan Singh, Jujhar Singh, Vivek Aggarwal, Jasgurpreet Chohan et al.	Department of Mechanical Engineering, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Materials Today: Proceedings	2021	2214-7853	https://www.scopus.com/sourceid/21100370037	0	0
In-vitro performance of reinforced hydroxyapatite coatings deposited using vacuum plasma spray technique on Ti-6Al-4V	Amardeep Singh Kang, Gurbhinder Singh, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Materials Today: Proceedings	2020	2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785319343937	0	0

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Learnings & selection guidelines of mechanical seal flush plan for pumps in a typical plant	Satinder Pal Singh, Neel Kanth Grover, H. S. Bains	Department of Mechanical Engineering, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Manufacturing Technology Today	2020	0972-7396	https://cmti-india.net/?q=MTT%20Journal	0	0
Machining Characteristics of Wire EDM of Alloy Steels: A State of the Art Review	Jwala Parshad, Neel Kanth Grover, Vivek Aggarwal	Department of Mechanical Engineering, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2020	2249-6890 (Print); 2249-8001 (Web)	Scopus preview - Scopus - International Journal of Mechanical and Production Engineering Research and Development	0	0
Magneto-rheological abrasive finishing (MAF) of soft material using abrasives	R. Rampal, T. Goyal, D. Goyal, M. Mittal, R.K. Dang, ShashiBahl	Mechanical Engineering	Materials Today: Proceedings	2021		https://www.sciencedirect.com/science/article/pii/S2214785321007264?via%3Dihub	0	0
Measure of cross entropy for discrete probability distributions	Ruchi Handa, Rajesh Kumar Narula and CP Gandhi	Mathematical	Advances and Applications in Mathematical sciences	2020			0	0

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Measurement of fission excitation function for $^{19}\text{F}^{+194,196,198}\text{Pt.}$	Varinderjit Singh, Bivash R. Behera, Maninder Kaur, Akhil Jhingan, Rupinder Kaur, Pullanhiotan Sugathan, Davinder Siwal, Savi Goyal, K. P. Singh, and	Physical Sciences	Journal of Physics G: Nuclear and Particle Physics 48, 075104	2021			0	0
Measurement of radon concentration in the drinking water and assessment of age dependent ingestion dose to local population in Kapurthala district of Punjab, India	Manish Kumar, Amit Sarin, B. K. Sahoo, and Navjeet Sharma	Amritsar Campus	Journal of environment and bio-sciences	2017		https://mjl.clarivate.com/search-results?issn=0973-6913&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
Mechanical and microstructural behaviour of weldment of two low alloy steels using MIG	V. Kumar, M. Mittal, D. Goyal, T. Goyal, R.K. Dang, ShashiBahl	Mechanical Engineering	Materials Today: Proceedings	2021		https://www.sciencedirect.com/science/article/pii/S2214785321009998	0	0
Micro-structural and tribological assessment of HVOF sprayed coating by Co alterations for wear applications	Mithlesh Sharma, Deepak Kumar Goyal, and Gagandeep Kaushal	Department of Mechanical Engineering, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Materials Research Express	2019	2053-1591	https://mjl.clarivate.com/search-results?issn=2053-1591&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0

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Microstructural characterization and electrochemical corrosion behaviour of HVOF sprayed Alloy718-nanoAl ₂ O ₃ composite coatings	Hitesh Vasudev, Gaurav Prashar, Lalit Thakur, Amit Bansal	I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Surface Topography: Metrology and Properties	2021	2051672X	https://iopscience.iop.org/article/10.1088/2051-672X/ac1044	0	0
Microstructure and Characterization of Detonation Gun Sprayed Al ₂ O ₃ Coating	Lakhwinder Singh, Neel Kanth Grover, Vikas Chawla, JS Grewal	Department of Mechanical, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Asian Journal of Engineering and Applied Technology	2016	2249-068X	https://www.researchgate.net/profile/Lakhwinder-Singh-4/publication/312126253_Microstructure_and_Characterization_of_Detonation_Gun_Sprayed_Al2O3_Coating/links/5870a7b708ae8fce491df76b/Microstructure-and-Characterization-of-Detonation-Gun-Sprayed-Al2O3-Coating.pdf	0	0
Microstructure and Characterization of D-Gun Sprayed Aluminium Oxide-13%Titanium Dioxide and Aluminium Oxide -40% Titanium Dioxide coatings on ASTM 316 Boiler Steel	Shehbaaz Singh Brar, Gurbhinder Singh Brar, Vikas Chawla	Department of Mechanical, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Solid State Technology	2020	ISSN 0038-111X	http://www.solidstatetechnology.us/index.php/JSST/article/view/3855	0	0

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Model for transient n-heptane droplet ignition at elevated pressure	Neel Kanth Grover	Department of Mechanical Engineering, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Journal of Thermal Analysis and Calorimetry	2020	1388-6150 (print); 1572-8943 (web)	Model for transient n-heptane droplet ignition at elevated pressure SpringerLink	0	0
Multi-objective Optimization of Kerf-taper and Surface-roughness Quality Characteristics for Cutting-operation On Coir and Carbon Fibre Reinforced Epoxy Hybrid Polymeric Composites During CO 2-Pulsed Laser-cutting Using RSM	Singh, Yadvinder, Jujhar Singh, Shubham Sharma, Vivek Aggarwal, and Catalin I. Pruncu	Department of Mechanical Engineering, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Lasers in Manufacturing and Materials Processing	2021	2196-7229	https://www.scopus.com/sourceid/21100827945	0	0
Multi-Objective Optimization of WEDM of Aluminum Hybrid Composites Using AHP and Genetic Algorithm	Amresh Kumar Neel kanth Grover Alakesh Manna Raman Kumar Jasgurpreet Singh Chohan Sandeep Singh Sunpreet Singh Catalin Iulian Pruncu	Department of Mechanical Engineering, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Arabian Journal for Science and Engineering	2021	2191-4281	https://link.springer.com/article/10.1007%2Fs13369-021-05865-4	0	0

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MuSIC@Indiana: An effective tool for accurate measurement of fusion with low-intensity radioactive beams	J.E. Johnstone, Rohit Kumar, S. Hudan, Varinderjit Singh, R.T. deSouza, J. Allen, D.W. Bardayan, D. Blankstein, C. Boomershire, S. Carmichael, A. Clark, S. Coil, S.L. Henderson, P.D.O' Malley,	Physical Sciences	Nucl. Instrum. Methods A 1014, 165697	2021			0	0
N-grams Based Supervised Machine Learning Model for Mobile Agent Platform Protection against Unknown Malicious Mobile Agents	Pallavi Bagga, Rahul Hans, Vipul Sharma	Amritsar Campus	International Journal of Interactive Multimedia and Artificial Intelligence	2017		https://mjl.clarivate.com/search-results?issn=1989-1660&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	3
NORMALIZATION, INACCURACY AND CRISPNESS	GS Buttar, V Singh, H Kaur	Amritsar Campus	Advances and Applications in Mathematical Sciences	2019		https://mjl.clarivate.com/search-results?issn=0974-6803&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	1
Nucleon-generalized parton distributions in the Light-front quark model	Neetika Sharma	Physical Sciences	Pramana, Journal of Physics 86, 479	2016			0	0
On q-series and Split Lattice Paths	M. Goyal	Mathematical	Graphs and Combinatorics	2020			0	0

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On Rogers-Ramnujan Type of Identities for Overpartitions and Generalized Lattice Paths	M. Goyal	Mathematical	Bulletin of the Korean Mathematical Society	2018			0	0
Optical anisotropy and the direction of polarization of exciton emissions in a semiconductor quantum dot: Effect of heavy- and light-hole mixing	Ranber Singh, Rajiv Kumar and Vikramjeet Singh	Amritsar Campus	Chinese Physics B	2017		https://mjl.clarivate.com/search-results?issn=1674-1056&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	1
Optimal Configuration Assignment Plans of Multi Flow-Line RMS Using NSGA-II	Gazal Preet Arneja, Rakesh Kumar, Neel Kanth Grover,	Department of Mechanical Engineering, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Jour of Adv Research in Dynamical & Control Systems	2017	1943-023X	Scopus preview - Scopus - Journal of Advanced Research in Dynamical and Control Systems	0	0
Optimisation of engine operating variables on performance and emissions characteristics of biogas fuelled CI engine by the design of experiments: Taguchi Approach	Sunil Kumar Mahla*, Tarun Goyal, Deepam Goyal, Himanshu Sharma, Amit Dhir, Geetesh Goga	Mechanical Engineering	Environmental Progress & Sustainable Energy (Impact Factor 2.431)	2021		https://mjl.clarivate.com/search-results?issn=1944-7442&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-results	0	0

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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	Number of citations in the Scopus	Number of citations in Web of Science
Optimization of machining characteristics for EDM of different nickel-based	Sahil Sharma, Umesh Kumar Vates, Amit Bansal	I.K. Gujral Punjab Technical University, Main Campus, Kapurthala	World Journal of Engineering	2020	17085284	https://www.emerald.com/insight/content/doi/10.1108/WJE-07-2020-0262/full/html	0	0
Optimization of performance, combustion and emission characteristics of acetylene aspirated diesel engine with oxygenated fuels: An Experimental approach,	Gursharan Singh, Shubham Sharma, Jujhar Singh, Som Kumar, Yadvinder Singh, Mohammad H. Ahmadi d, Alibek Issakhov	Department of Mechanical Engineering, I.K. Gujral Punjab Technical University, Main Campus, Kapurthala	Energy Reports	2021	2352-4847	https://www.scopus.com/sourceid/21100389511	0	0
Performance Analysis and Maintenance Scheduling of a System using Runge-Kutta Method	Munish Mehta, Jujhar Singh and Manpreet Singh	Department of Mechanical Engineering, I.K. Gujral Punjab Technical University, Main Campus, Kapurthala	International Journal of Engineering Science and Technology	2017	0975-5462	https://mjl.clarivate.com/search-results	0	0

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Performance based Optimal Capacity Utilization in RMS	Gazal Preet Arneja, Rakesh Kumar, Neel Kanth Grover,	Department of Mechanical Engineering, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Jour of Adv Research in Dynamical & Control Systems	2017	1943-023X	Scopus preview - Scopus - Journal of Advanced Research in Dynamical and Control Systems	0	0
Characterization of Plasma Sprayed 87%Al ₂ O ₃ -13%TiO ₂ and 88%WC-12%Co Coatings on ASTM A36 Steel	Varun Panwar, Vikas Chawla, Neel Kanth Grover	Department of Mechanical, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Advances in Materials Processing	2020	2374068X, 23740698	https://link.springer.com/chapter/10.1007/978-981-15-4748-5_25	0	0
Phytoremediation of Pulp and Paper Mill Effluents by Salvinia molesta and its comparison with Nanoparticles Inclusive Phytoremediation	Punit Bhardwaj, Jyotsna Kaushal, Vandana Naithani, Anirudh P Singh	Chemical Sciences	International journal of basic and applied research	2018	22493352 E-ISSN: 22780505	Welcome to UGC, New Delhi, India	0	0
Predicting the effect of fiber orientations and boundary conditions on the optimal placement of PZT sensor on the composite structures	R. Samyal, A.K. Bagha, R. Bedi, ShashiBahl, K.K. Saxena, S. Sehgal	Mechanical Engineering	Materials Research Express	2021		https://iopscience.iop.org/article/10.1088/2053-1591/ac0de9	0	0

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Prediction of COVID-19 Pervasiveness in Six Major Affected States of India and Two Stage Variation with Temperature	Sarbjit Singh, Kulwinder Parmar, Sidhu Jitendra Singh Makkhan, Jatinder Kumar	Mathematical Sciences (IKGPTU HSP)	Air Quality Atmosphere & Health (Springer, IF 3.763)	2021		https://mjl.clarivate.com/search-results?issn=1873-9318&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-results	0	0
Prediction of wear resistance model for magnesium metal composite by response surface methodology using central composite design	Prem Sagar & Amithanda	Mechanical Engineering	World Journal of Engineering	2021		https://mjl.clarivate.com/search-results?issn=1708-5284&hide_exact_match_flag=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-results	0	0
Rule-based multi-view human activity recognition system in real time using skeleton data from RGB-D sensor	Neeraj Varshney, Brijesh Bakariya, Alok Kumar Singh Kushwaha and Manish Khare	Computer Application	Soft Computing, Springer	2021		https://www.scopus.com/authid/detail.uri?authorId=55625265600	0	0
Solid Particle Erosion Analysis of Plasma Gun Sprayed Cermet Coatings on SAE-347H Steel	Satjot Singh Dhillon, Vikas Chawla, Gurbhinder Singh	Department of Mechanical, I.K. Gujral Punjab Technical University, Main Campus, Kapurthala	Solid State Technology	2020	ISSN 0038-111X	http://solidstatetechnology.us/index.php/JSST/article/view/4450	0	0
Study of kinematic viscosity and density of biodiesels exposed to radiations	Amit Sarin, Neerja Sharma, Kusum Devgan and Meetu Singh	Amritsar Campus	Materials Today: Proceedings	2021		https://www.scopus.com/sourceid/21100370037	0	0

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Synthesis, Characterization and Evaluation of Anticancer Activity of Nanoresveratrol in B16 Melanoma Cell Line	Reena Arora & Chander Parkash	Chemical Sciences	Journal of Drug Delivery and Therapeutics	2019	2250-1177	https://ugccare.unipune.ac.in/Apps1/User/WebA/SearchList	0	0
Targeted Spontaneous Reporting on Drug Safety Alerts Issued by Pharmacovigilance Programme of India: A New Origin of Pharmacovigilance in India	Shabir Sidhu	Food Sci & Tech.	Journal of Pharmacology and Pharmacotherapeutics	2019			0	0
Transient combustion of a multi-component fuel droplet with gas radiation	Neel Kanth Grover	Department of Mechanical Engineering, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	International Communications in Heat and Mass Transfer	2020	0735-1933.	Transient combustion of a multi-component fuel droplet with gas radiation - ScienceDirect	0	0
Tribological investigation of HVOF-spray Cr3C2-25NiCr and WC-10Co-4Cr coated turbine steel under varied slurry erosion conditions	Mithlesh Sharma, Deepak Kumar Goyal, and Gagandeep Kaushal	Department of Mechanical Engineering, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Indian Journal of Engineering and Materials Sciences	2020	0971-4588	https://mjl.clarivate.com/search-results?issn=0971-4588&hide_exact_match_filter=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
Validation of rationale characterizing the anomalies causing denial of service	Avneet Dhirgna and Monika Sachdeva	CSE	Advances in Mathematics journal	2020	1857-8365	https://www.scopus.com/sourceid/21100913565	0	0

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<u>Wave propagation in generalized thermodiffusion elastic medium with Impedence boundary condition</u>	Priya Sachin Kaushal, Kulwinder Parmar	Mathematical Sciences (IKGPTU HSP)	Iranian Journal of Mathematical Sciences and Informatics	2019		https://mjl.clarivate.com/search-results?issn=1735-4463&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
Wear behaviour of plasma sprayed WC-12%Co and Al ₂ O ₃ -13%TiO ₂ coatings on ASTM A36 steel used for I.D. fans in coal fired power plants	Varun Panwar, Neel Kanth Grover, Vikas Chawla	Department of Mechanical Engineering, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Material Research Express	2019	2053-1591	https://doi.org/10.1088/2053-1591/ab3eef	0	0
WEDM process parameter optimization for newly developed hybrid Al/(SiC + Gr + Fe ₂ O ₃) - MMC	Neel kanth Grover, Amresh Kumar	Department of Mechanical Engineering, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	J. Indian Chem. Soc.,	2020	0019-4522	http://indianchemicalsociety.com/portal/uploads/journal/2020_03_11_Extended_1591132733.pdf	0	0

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Validation of rationale characterizing the anomalies causing denial of service	Avneet Dhirgra and Monika Sachdeva	CSE	Advances in Mathematics journal	2020	1857-8365	https://www.scopus.com/sourcoid/21100913565	0	0
<u>Wave propagation in generalized thermomdiffusion elastic medium with Impedence boundary condition</u>	PriyaSachinKaushal, KulwinderParmar	Mathematical Sciences (IKGPTU HSP)	Iranian Journal of Mathematical Sciences and Informatics	2019		https://mjf.clarivate.com:/search-results?issn=1735-4463&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	0	0
Wear behaviour of plasma sprayed WC-12%Co and Al 2 O 3-13%TiO 2 coatings on ASTM A36 steel used for I.D. fans in coal fired power plants	Varun Panwar, Neel Kanth Grover, Vikas Chawla	Department of Mechanical Engineering, I.K Gujral Punjab Technical University	Material Research Express	2019	2053-1591	https://doi.org/10.1088/2053-1591/ab3eef	0	0
WEDM process parameter optimization for newly developed hybrid Al/(SiC + Gr + Fe2O3) – MMC	Neel kanth Grover, Amresh Kumar	Department of Mechanical Engineering, I.K Gujral Punjab Technical University	J. Indian Chem. Soc.,	2020	0019-4522	http://indianchemicalsociety.com/portal/uploads/journal/2020_03_11_Extended_1591132733.pdf	0	0

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Bibliometrics of the publications during the last five years based on Scopus/Web of Science 3.4.9						
Sr. No	Title of paper	Name of the author/s	Name of journal	Year of publication	Number of citations in the Scopus	Number of citations in Web of Science
1	Industry 4.0 technologies and their applications in fighting COVID-19 pandemic	Mohd Javaid, Abid Haleem, Raju Vaishya, Shashi Bahl, Rajiv Suman, Abhishek Vaish	Diabetes & Metabolic Syndrome: Clinical Research & Reviews	2020	184	125
2	Application of Least Square Support Vector Machine and Multivariate Adaptive Regression Spline Models in Long Term Prediction of River Water Pollution	Ozgur Kisi and Kulwinder Singh Panmar	Journal of Hydrology	2016	172	159
3	A Survey on LEACH and other's routing protocols in wireless sensor networks	Vishal Arora, Vishal Sharma and Monika Sachdeva	Elsevier, International Journal for Light and Electron Optics	2017	88	67
4	Renewable Energy Sources as a New Participant in Ancillary Service Markets	Anuj Banshwar, Naveen Kumar Sharma, Yog Raj Sood, Rajnish Shrivastava	Energy Strategy Reviews	2017	76	43
5	Sustainability of Coronavirus on different surfaces	Rajiv Suman, Mohd Javaid, Abid Haleem, Raju Vaishya, Shashi Bahl, Devaki Nandan	Journal of Clinical and Experimental Hepatology Journal of Clinical and Experimental Hepatology	2020	63	54
6	Research Patterns & Trends in Software Effort Estimation	Sehra SK, BrajYS, Kaur, Navdeep Kaur	Information & Software Technology	2017	63	63
7	Challenges and solutions in meeting up the urgent requirement of ventilators for COVID-19 patients	Karthikeyan Iyengar, Shashi Bahl, Raju Vaishya, Abhishek Vaish	Diabetes & Metabolic Syndrome: Clinical Research & Reviews	2020	62	60
8	"Diphenylpyrimidinone-salicylideneamines -- New ESIP based AIEgens with applications in latent fingerprinting"	Prabhpreet Singh, Harinder Singh, Rashmi Sharma, Gaurav Bhargava, Subodh Kumar,	Journal of Material Chemistry C	2016	62	62
9	Long-term aerosol climatology over Indo-Gangetic Plain: Trends, prediction and potential source fields	M Kumar, KS Parmar, DB Kumar, A Mhawish, DM Brodey, RK Mall and T Banerjee	Atmospheric Environment	2018	59	59
10	D-FACE: An anomaly based distributed approach for early detection of DDoS attacks and flash events,	Sunny Behal, Krishan Kumar and Monika Sachdeva	Journal of Network and Computer Applications	2018	56	33
11	Surface roughness and microhardness evaluation for EDM with Cu-Mn powder metallurgy tool	Amoljit Singh Gill and Sanjeev Kumar	Materials and Manufacturing Processes	2016	56	51
12	Self-assembled vesicle and rod-like aggregates of functionalized perylene diimide: Reaction based near-IR intracellular fluorescent probe for selective detection of palladium,	Prabhpreet Singh, Lalit Singh Mittal, Vanita Vanita, Rahul Kumar, Gaurav Bhargava, Amandeep Wallia, and Subodh Kumar	J. Mater. Chem. B	2016	54	54

Sr. No	Title of paper	Name of the author/s	Name of journal	Year of publication	Number of citations in the Scopus	Number of citations in Web of Science
13	Waste materials as potential catalysts for biodiesel production: Current state and future scope,	Akshey Marwaha, Pali Rosh, Saroj Kumar Mohapatra, Sunil Kumar Mahla, Amit Dhir	Fuel Processing Technology	2018	46	40
14	Combating hot corrosion of boiler tubes - A study	Sentosh Kumar, Manoj Kumar & Amit Handa	Engineering Failure Analysis	2018	42	34
15	Modeling of Air Pollutants using Least Square Support Vector Regression, Multivariate Adaptive Regression Spline and M5 Model Tree Models	Ozgur Kisi, Kulwinder Singh Parmar, Kirti Soni and Vahdetin Demir	Air Quality, Atmosphere and Health	2017	42	37
16	Self-assembled small molecule based fluorescent detection of serum albumin proteins: Clinical detection and cell imaging"	Prabhpreet Singh, Lalit Singh Mittal, S Kaur, S Kaur, Gaurav Bhargava	Sensors and Actuators B: Chemical	2018	39	39
17	Market Based Procurement of Energy and Ancillary Services from Renewable Energy Sources in Deregulated Environment	Anuj Banshwar, Naveen Kumar Sharma, Yog Raj Sood, Rajnish Shrivastava	Renewable Energy	2017	38	30
18	Development of new hybrid model of discrete wavelet decomposition and autoregressive integrated moving average (ARIMA) models in application to one month forecast the casualties cases of COVID-19	Sarbjit Singh, Kulwinder Singh Parmar, Jatinder Kumar, Sidhu Jitendra Singh Makhan	Chaos, Solitons & Fractals	2020	36	24
19	Pan evaporation modeling by three different neuro-fuzzy intelligent systems using climatic inputs	M. Rana, A. Malik, A Kumar, KS Parmar, O. Kisi	Arabian Journal of Geosciences	2019	36	34
20	Self-assembled Nano rods of Bay functionalized perylene diimide: Cu ²⁺ based 'turn on' response for INH, complementary NOR/OR and TRANSFER logic functions and fluorosolvatochromism,	Prabhpreet Singh, Kapil Kumar, Gaurav Bhargava and Subodh Kumar	Journal of Materials Chemistry C	2016	34	34
21	"Ionic Self-assembled Platform of Perylene diimide-Sodium dodecylsulfate for Detection of Spermine in Clinical Samples	Prabhpreet Singh, Lalit Singh Mittal, Gaurav Bhargava, Subodh Kumar	Chemistry-An Asian Journal	2017	31	31
22	Diffraction rho and phi vector meson production at HERA using a holographic light-front wavefunction	Mohammad Ahmady, Ruben Sandapen, and Neetika Sharma	Phys. Rev. D 94, 074018	2016	31	30
23	Ultrasound assisted extraction of polyphenols and their distribution in whole mung bean, hull and cobbleton	Barinderjit Singh	Journal of Food Science and Technology	2017	30	28

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24	"Controllable supramolecular self-assemblies (rods-wires-spheres) and ICT/PET based perylene probe for palladium detection in solution and solid state"	Prabpreet Singh, Kapil Kumar, Gaurav Bhargava, Subodh Kumar	New Journal of Chemistry	2018	29	29
25	Redefining diabetic foot disease management service during COVID-19 pandemic	Ibrahim Jaly, Karthikeyan Jeyangar, Shashi Bahl, Thomas Hughes, Raju Vaishya	Diabetes & Metabolic Syndrome: Clinical Research & Reviews	2020	28	23
26	Smart materials types, properties and applications: A review	Shashi Bahl, Himanshu Nagar, Inderpreet Singh, Shankar Sehgal	Materials Today: Proceedings	2020	25	21

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1	Butterfly optimization algorithm: a novel approach for global optimization	Arora, Sankalp and Singh, Satvir	Soft Computing	2019	254
2	Application of Least Square Support Vector Machine and Multivariate Adaptive Regression Spline Models in Long Term Prediction of River Water Pollution	Ozgur Kisi and Kulwinder Singh Parmar	Journal of Hydrology	2016	159
3	Industry 4.0 technologies and their applications in fighting COVID-19 pandemic	Mohd Javaid, Abid Haleem, Raju Vaishya, Shashi Bahl, Rajiv Suman, Abhishek Vaish	Diabetes & Metabolic Syndrome: Clinical Research & Reviews	2020	125
4	A Survey on LEACH and other's routing protocols in wireless sensor networks	Vishal Arora, Vishal Sharma and Monika Sachdeva	Elsevier, International Journal for Light and Electron Optics	2017	67
5	Research Patterns & Trends in Software Effort Estimation	Behra SK, BrarYS, Kaur, Navdeep Kaur	Information & Software Technology	2017	63
6	"Diphenylpyrimidinone-salicylideneamines - New ESIPT based AIEgens with applications in latent fingerprinting"	Prabhpreet Singh, Harinder Singh, Rashmi Sharma, Gaurav Bhargava, Subodh Kumar,	Journal of Material Chemistry C	2016	62
7	Challenges and solutions in meeting up the urgent requirement of ventilators for COVID-19 patients	Karthikeyan Iyengar, Shashi Bahl, Raju Vaishya, Abhishek Vaish	Diabetes & Metabolic Syndrome: Clinical Research & Reviews	2020	60
8	Long-term aerosol climatology over Indo-Gangetic Plain: Trends, prediction and potential source fields	M Kumar, KS Parmar, DB Kumar, A Mhawish, DM Broday, RK Mall and T Banerjee	Atmospheric Environment	2018	59
9	Performance and emission characteristics of diesel engine fuelled with rice bran biodiesel and n-butanol	Geetesh Goga, Bhupendra Singh Chauhan, Sunil Kumar Mahla, Haeng Muk Cho	Energy Reports	2019	55
10	Sustainability of Coronavirus on different surfaces	Rajiv Suman, Mohd Javaid, Abid Haleem, Raju Vaishya, Shashi Bahl, Devaki Nandan	Journal of Clinical and Experimental Hepatology Journal of Clinical and Experimental Hepatology	2020	54
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13	Surface roughness and microhardness evaluation for EDM with Cu-Mn powder metallurgy tool	Amoljit Singh Gill and Sanjeev Kumar	Materials and Manufacturing Processes	2016	51
14	An improved butterfly optimization algorithm with chaos	Arora, Sankalp and Singh, Satvir	Journal of Intelligent & Fuzzy Systems	2017	51
15	Renewable Energy Sources as a New Participant in Ancillary Service Markets	Anuj Banshwar, Naveen Kumar Sharma, Yog Raj Sood, Rajnish Shrivastava	Energy Strategy Reviews	2017	43
16	Influence of EGR on simultaneous reduction of NO _x - Smoke emissions trade off under CNG-Biodiesel dual fuel engine	Sunil Kumar Mahla, Amit Dhir, Kanwar J.S. Gill, H.K. Cho, H.C. Lim, B.S. Chauhan	Energy	2018	41
17	Waste materials as potential catalysts for biodiesel production: Current state and future scope.	Akshay Marwaha, Pali Roshia, Saroj Kumar Mohapatra, Sunil Kumar Mahla, Amit Dhir	Fuel Processing Technology	2018	40
18	Self-assembled small molecule based fluorescent detection of serum albumin proteins: Clinical detection and cell imaging"	Prabhpreet Singh, Lalit Singh Mittal, S Kaur, S Kaur, Gaurav Bhargava	Sensors and Actuators B: Chemical	2018	39
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20	Energy efficient clustering protocol based on improved metaheuristic in wireless sensor networks	Mann, Palvinder Singh and Singh, Satvir	Journal of Network and Computer Applications	2017	37
21	Investigation on Structural and Microwave absorption property of Co ²⁺ - Al ³⁺ doped M-type Ba-Sr Hexaferrites synthesized by a ceramic method	Jasbir Singh, Charanjeet Singh, Dalveer Kaur, Sukhleen Bindra Narang	Journal of Alloys and Compounds	2017	36
22	Energy-Efficient Hierarchical Routing for Wireless Sensor Networks: A Swarm Intelligence Approach	Mann, Palvinder Singh and Singh, Satvir	Wireless Personal Communications	2017	35


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27	Improved metaheuristic based energy-efficient clustering protocol for wireless sensor networks	Mann, Palvinder Singh and Singh, Satvir	Engineering Applications of Artificial Intelligence	2017	33
28	An Effective Hybrid Butterfly Optimization Algorithm with Artificial Bee Colony for Numerical Optimization	Arora, Sankalp and Singh, Satvir	International Journal of Interactive Multimedia and Artificial Intelligence	2017	32
29	"Ionic Self-assembled Platform of Perylenediimide-Sodium dodecylsulfate for Detection of Spermine in Clinical Samples	Prabhpreet Singh, Lalit Singh Mittal, Gaurav Bhargava, Subodh Kumar	Chemistry-An Asian Journal	2017	31
30	Market Based Procurement of Energy and Ancillary Services from Renewable Energy Sources in Deregulated Environment	Anuj Banshiwar, Naveen Kumar Sharma, Yog Raj Sood, Rajnish Shrivastava	Renewable Energy	2017	30
31	Diffractional rho and phi vector meson production at HERA using a holographic light-front wavefunction	Mohammad Ahmady, Ruben Sandapen, and Neetika Sharma	Phys. Rev. D 94, 074018	2016	30

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