

Details of Research papers published in Refereed journals/ Conferences by our faculty members

Details of Research papers published in refereed journals/ Conferences

Sr . No	Name of Faculty	Department	Title of the research / Review paper	Name of the Journal/ Conference	Database listing of Journal/ Conference	Indexing Type: SCI/ ESCI /Scopus	Volume, Issue, Page No / Date	DOI
1	Sushil Kumar	Physics	Partial Ionization Cross Sections of Silicon by Electron Impact Ionization Process	Indian Journal of Science and Technology	INDJST	Web of Science	Year: 2021, Volume: 14, Issue: 2, Pages: 181-189	10.17485/IJST/v14i2.1893
			Electron impact ionization cross-sections of Chromium	Indian Journal of Science and Technology	INDJST	Web of Science	Year: 2021, Volume: 14, Issue: 2, Pages: 170-180	10.17485/IJST/v14i2.1829
			Calculation of Total and Ionization Cross sections for Electron Scattering by Ethyne	International Conference on Recent Advances in Basic and Applied Sciences	ICRABAS-2021	IQAC Cell	27th-28th August, 2021.	
2.	Preeti	Mathematics	Common fixed point theorems for four self - maps satisfying contractive inequality of integral type in metric space	International Conference on Recent Advances in Basic and Applied	ICRABAS-2021	IQAC Cell	27th-28th August, 2021.	

				Sciences				
			Common fixed point theorems satisfying generalized (ψ, ϕ) - weak contraction in metric space	National Conference on Indian Scientific Heritage 2022	ISH 2022	DST HARYANA	26th-28th February , 2022.	

S.no	Name of Faculty	Department	Title of the research /Review paper	Name of the Journal/ Conference	Database listing of Journal/ Conference	Indexing Type: SCI/ ESCI /Scopus	Volume, Issue, Page No /Date	DOI
1	Namrata	CSE	Resource Allocation in Cloud	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	International Conference	ISSN: 2321-9653; Volume 10 Issue II Feb 2022	10.22214/ijraset.2022.40517	

Sr. No	Name of Faculty	Department	Title of the research / Review paper	Name of the Journal/ Conference	Database listing of Journal/ Conference	Indexing Type: SCI/ ESCI /Scopus	Volume, Issue, Page No / Date	DOI
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1	Dr. Vijay Mittal	Mechanical	Evolution to turbulent convection of liquid metals heated from below, Journal of Energy Heat and Mass Transfer	Journal of Energy Heat and Mass Transfer.	Journal	SCI	299-313 24(4) & 2002	NA
2	Dr. Vijay Mittal	Mechanical	Buoyancy driven convection in liquid metals subjected to transverse magnetic fields.	Journal of IISc Bangalore	Journal	SCI	119 – 129 85(3) & 2005	NA
3	Dr. Vijay Mittal	Mechanical	Performance evaluation of solar absorption cooling system of Bahal (Haryana).	Journal of IISc Bangalore	Journal	SCI	295 – 305, 85 (5) & 2005	NA
4	Dr. Vijay Mittal	Mechanical	Natural Convections in liquid metals subjected to alternating magnetic field,	Journal of Institution of Engineers	Journal	SCI	211-216, 86 & 2006	NA
5	Dr. Vijay Mittal	Mechanical	A simulation study For the Optimization of Solar Absorption Cooling system.	Journal of Energy Heat and Mass Transfer	Journal	SCI	175-191, 28 & 2006	NA

6	Dr. Vijay Mittal	Mechanical	The Study of Solar absorption cooling systems	Journal of Energy in Southern Africa	Journal	SCI	207- 214, 16(4) & 2005	NA
7	Dr. Vijay Mittal	Mechanical	A computational Study on evaluation of Solar Absorption Cooling System in India.	Journal of Energy Institute, England	Journal	SCI	166-171, 79(3) & 2006	NA
8	Dr. Vijay Mittal	Mechanical	Modeling and Simulation of Solar Absorption Cooling System for India.	Journal of Energy in Southern Africa	Journal	SCI	65-70, 17(3) & 2006	NA
9	Dr. Vijay Mittal	Mechanical	Design and Development of Utilization Factor For Solar Absorption Cooling System,	Journal of Energy, and Environment	Journal	SCI	761-782, 18(6) & 2007	NA
10	Dr. Vijay Mittal	Mechanical	Modeling and Simulation of Solar Desiccant Air Conditioning in India.	Journal of Future Energy Sources	Journal	SCI	97-131, 1(3) & 2009	NA
11	Dr. Vijay Mittal	Mechanical	Performance Evaluation of a Smooth Flat Plate solar air Heater, Energy Education science & Technology – Part A, Energy Science and Research		Journal	SCI	105-117, 23(2) & 2009	NA

			2009					
12	Dr. Vijay Mittal	Mechanical	Experimental Investigation on Desiccant Air-Conditioning system in India,	Frontiers of Energy & Power Engineering in China	Journal	SCI	161-165, 4 (2) & 2010	NA
13	Dr. Vijay Mittal	Mechanical	Use of artificial roughness to enhance heat transfer in solar air heaters.	a review, Journal of Energy in Southern Africa	Journal	SCI	35 – 51, 21(1) & 2010	NA
14	Dr. Vijay Mittal	Mechanical	Second Law Analysis of a Solar Air Heater having 60° Inclined Discrete Rib Roughness on Absorber Plate,	African Journal of Environmental Science and Technology	Journal	SCI	913-929, 4(13) & 2010	NA
15	Dr. Vijay Mittal	Mechanical	Heat Transfer and Friction Factor Correlations for Rectangular Solar Air Heater Duct having 60° Inclined Continuous Discrete Rib	Arrangement, British Journal of Applied Science & Technology	Journal	SCI	67-93, 1 (3) & 2011	NA
16	Dr. Vijay Mittal	Mechanical	First & Second Law Analysis of Solar Air Heater.	, Journal of Technology Innovations in Renewable Energy	Journal	SCI	63-71, 1 & 2012	NA

17	Dr. Vijay Mittal	Mechanical	Experimental Analysis of Concrete Strength by Replacing the Sand with Fly Ash.	International Journal of Applied Engineering Research	Journal	SCI	2413-2417, 6 (20), 2011	NA
18	Dr. Vijay Mittal	Mechanical	Strategic Supply Chain Management: Perception versus Reality	A Review, Research Journal of Recent Sciences	Journal	SCI	83-86,1 (3), 2012	NA
19	Dr. Vijay Mittal	Mechanical	Thermodynamic Analysis of a Combined Heat and Power System.	Research Journal of Recent Sciences	Journal	SCI	76-79,1 (3), 2012	NA
20	Dr. Vijay Mittal	Mechanical	Economic and Performance Analysis of Thermal System.	Research Journal of Recent Sciences	Journal	SCI	57-59,1 (4), 2012	NA
21	Dr. Vijay Mittal	Mechanical	Quality Circle Implementation in Industry in India-A Case Study	International Journal of Current Engineering and Technology	Journal	SCI	61-71, 5 (1) & 2015	NA
22	Dr. Vijay Mittal	Mechanical	Experimental Study on Effects of Process Parameters on HAZ of Plain Carbon Steel Using GMAW.	International Journal of Latest Research in Science and Technology	Journal	SCI	167-170, 4 (2) & 2015	NA
23	Dr. Vijay Mittal	Mechanical	Removing the Problem of Screw Miss in Assembly of Lever Combination Switch using Poka-Yoke.	International Journal of Soft Computing and Engineering,	Journal	SCI	53-56, 5 (2) & 2015.	NA

24	Dr. Vijay Mittal	Mechanical	Minimizing the Rejection of Lever Combination Switch by removing the problem of Erratic continuity in Assembly line using Continuous Improvement Process.	International Journal of Current Engineering and Technology.	Journal	SCI	1802-1807, 5 (3) & 2015.	NA
25	Dr. Vijay Mittal	Mechanical	Review on the parametric optimization of TIG welding.	International Research Journal of Engineering and Technology	Journal	SCI	1266-1268, 4 (1) & 2017	NA
26	Dr. Vijay Mittal	Mechanical	Parametric optimization of TIG welding on joint of stainless steel (316) & mild steel using Taguchi technique.	International Research Journal of Engineering and Technology.	Journal	SCI	366-370, 4 (5) & 2017	NA
27	Dr. Vijay Mittal	Mechanical	Review of hybrid Electric Vehicle,	International journal of Engineering Sciences & Research Technology.	Journal	SCI	439-444, 6 (12) & 2017	NA
28	Dr. Vijay Mittal	Mechanical	Review on hybrid Energy Storage Systems for Electric Vehicle,	International journal of Engineering Technology Sciences &	Journal	SCI	476-485, 5 (4) & 2018	NA

				Research.				
29	Dr. Vijay Mittal	Mechanical	Effect of parameters of friction stir welding on Weld quality.	international journal of management, IT & engineering.	Journal	SCI	128-132 Vol. 8, 10(1) & 2018	NA
30	Dr. Vijay Mittal	Mechanical	Process parameter optimization of friction stir welding to maximize the UTS of aluminium alloy 5083.	International journal of research in electronics and computer engineering.	Journal	SCI	10-13, 6 (4) & 2018.	NA
31	Dr. Vijay Mittal	Mechanical	Review of cutting fluid properties and their fitness criteria for modern machining process.	International Journal of Research in Engineering and Innovation.	Journal	SCI	359-363, Vol-3, Issue-6, 2019	NA
32	Dr. Vijay Mittal	Mechanical	Review of abrasion machining process parameters and their effects on surface finish.	journal of emerging technologies and innovative research.	Journal	SCI	volume 6, issue 6, 2019	NA

Research Papers Published in National/International Conferences

1	Dr. Vijay Mittal	Director-Principal	Naveen Jangra, Kanwar Pal Singh & Vijay Mittal, A study on Effects of Process Parameters on Mechanical Properties and Machinability of Al-Transition Metal Alloys,	National conference on Emerging Trends in Mechanical Engineering organized by Gateway Institute of Engineering & Technology,	National conference	SCI	Feb 1, 2014	NA
2	Dr. Vijay Mittal	Director-Principal	V Mittal & B Kant Khan, Energy & Environment - A case Study,	National Conference on Recent Development in Mechanical Engineering organized by BRCM college of Engineering & Technology, Bahal, Haryana	National conference	SCI	Feb 19-20, 2010	NA
3	Dr. Vijay Mittal	Director-Principal	V. Mittal , A Study of the absorption & Reflection of solar energy when applied to different colors.	ISTE Sponsored National conference on Recent Developments in Mechanical Engineering organized by Rayat Institute of Engineering & Information Technology,	National conference	SCI	Sep 8-9, 2006	NA

				Nawanshar, Punjab.				
4	Dr. Vijay Mittal	Director-Principal	V. Mittal, K.S. Kasana , N.S.Thakur, Harnessing Solar Energy for Absorption Air- Conditioning System,	International Conference on Renewable Energy for Energy Security & Employment, Hotel Le Meridian, Pune, India,	International conference	SCI	20-22 January 2005	NA
5	Dr. Vijay Mittal	Director-Principal	V. Mittal, K.S. Kasana , N.S.Thakur, Techno- Economical Feasibility of Solar Refrigeration and Cooling,	International Conference on Energy, Environment and Disasters, Charlotte, NC, USA,	International conference	SCI	July 24-30, 2005	NA
6	Dr. Vijay Mittal	Director-Principal	V. Mittal, K.S. Kasana , N.S.Thakur,A Parametric Study of Solar Driven Absorption Cooling System in Haryana,	14th ISME International conference on Mechanical Engineering in Knowledge Age organized by Delhi College of Engineering, Delhi,	International conference	SCI	Dec 12-14, 2005	NA
7	Dr. Vijay Mittal	Director-Principal	V. Mittal, Effects of Environment on Composites, National Conference on Composite Materials.	National Conference on Composite Materials organized by Institute of	National conference	SCI	March 19, 2005	NA

				Engineering & Technology, Bhaddal, Punjab.				
8	Dr. Vijay Mittal	Director-Principal	V. Mittal, K.S. Kasana , N.S.Thakur, Technological Developments In Solar Refrigeration & Air Conditioning,	All India Seminar On Emerging Trends In Mechanical Engineering organized by The Institution of Engineers (India) Haryana Centre and National Institute of Technology,	National conference	SCI	Kurukshetra, March 29, 2005	NA
9	Dr. Vijay Mittal	Director-Principal	V. Mittal, K.S. Kasana & N.S.Thakur, Economical Feasibility Of Solar Refrigeration and Cooling.	National Conference on Recent Advances in Mechanical Engineering organized by Noorul Islam College of Engineering, Tamilnadu.	National conference	SCI	2005	NA
10	Dr. Vijay Mittal	Director-Principal	V.Mittal, A. K.Berwal & B.Kant Khan, Experimental Investigation On Fuel Injected Two Stroke Petrol Engine,	XIII National Conference of Indian Society of Mechanical Engineers organized by Indian Institute of Technology, Roorkee,	National conference	SCI	December 30-31, 2003	NA

Sr. No	Name of Faculty	Department	Title of the research / Review paper	Name of the Journal/ Conference	Database listing of Journal/ Conference	Indexing Type: SCI/ ESCI /Scopus	Volume, Issue, Page No / Date	DOI
1	Mohit Bansal	ECE	MCDM based Evaluation and Ranking of E-Government Websites using Combinative Distance-based Assessment Approach	Transactions on Services Computing (TSC)	IEEE	SCI	Under Review	
2	Mohit Bansal	ECE	3- Level Security System for Digital Data by Combined DSSS Audio Steganography & Random Permutation Cryptography	International Journal of Information Security and Privacy	IGI Global	Scopus	Under Review	
3	Mohit Bansal	ECE	Denosing of Speech and ECG signal by Using Wavelets(BOOK)	LAMBERT Academic Publishing House	LAMBERT Academic Publishing House	-	ISBN: 978-3-659-23170-4 31-08-2012	
4	Mohit Bansal	ECE	Designing of Licensed Number Plate Recognition System Using Hybrid Technique from Neural Network & Template Matching	The 15th International Conference on Computers, Communications and Systems	IEEE Xplore Digital Library	Scopus	ISBN: 978-1-4673-9354-6 4-5 Dec. 2015	10.1109/CCCS.2015.7374170
5	Mohit Bansal	ECE	A Proposed Approach for Biomedical Image Denoising Using PCA_NLM	International Journal of Bio-Science and Bio-Technology	https://scholar.google.co.in/citations?user=02kyAL4AAAAJ&hl=en	International Journal	Vol.6, No. 6 (2014), pp.13-20	10.14257/ijbsbt.2014.6.6.02

6	Mohit Bansal	ECE	Comparative Analysis of Advanced Thresholding Methods for Speech-Signal Denoising	International Journal of Computer Applications	https://www.ijcaonline.org/	International Journal	ISSN: 0975–8887, Vol. 59–No.16, December 2012	10.5120/9634-4373
7	Mohit Bansal	ECE	Denoising of Image Using Least Minimum Mean Square Error	International Journal of Engineering and Advanced Technology	https://www.researchgate.net/publication/335789464_Denoising_of_Image_Using_Least_Minimum_Mean_Square_Error	International Journal	Vol. 2, Issue 1, October 2012, ISSN: 2249-8958	10.13140/RG.2.2.35869.67048
8	Mohit Bansal	ECE	Performance Evaluation of Butterworth Filter for Signal Denoising	International Journal of Electronics and Communication Technology	https://www.researchgate.net/publication/302027782_Performance_evaluation_of_Butterworth_Filter_for_Signal_Denoising	International Journal	Vol. 1, Issue 1, December 2010, ISSN: 2230 -7109 December 2010	10.13140/RG.2.1.4809.8161
9	Mohit Bansal	ECE	Comparative Analysis of Design & Development of Various Equalization & Diversity Techniques for MIMO System	International Journal of Man Adhoc Networks	https://www.researchgate.net/publication/302027931_Comparative_Analysis_of_Design_Development_of_Various_Equalization_Diversity_Techniques_for_MIMO_System	International Journal	Vol. 1, Issue 3, November 2011, ISSN: 2231-6825 November 2011	10.13140/RG.2.1.3499.0967

10	Mohit Bansal	ECE	Reduction of Noise from Speech Signal using Wavelet Thresholding	in International Journal of Advanced Research in Computer Science	http://www.ijarcs.info/index.php/Ijarcs/article/view/1310	International Journal	Vol. 3, No. 4, July- August 2012, ISSN No. 0976-5697	https://doi.org/10.26483/ijarcs.v3i4.1310
11	Mohit Bansal	ECE	Reduction of Noise from Enhanced Image using Wavelets	International Journal of Electronics Engineering	https://pdfs.semanticscholar.org/75b8/3bd9982e2af61869888b1c5d928ca3230f1a.pdf	International Journal	Vol-3, Issue-2, 2011, pp. 275–277, ISSN: 0973-7383	
12	Mohit Bansal	ECE	Comparative Analysis of Different Parameters in Propagation Model for Mobile Communication System	International Journal of Advanced Research in Computer Science	http://www.ijarcs.info/index.php/Ijarcs/article/view/855	International Journal	Vol. 2, No. 6, Nov- Dec 2011, ISSN No. 0976-5697	https://doi.org/10.26483/ijarcs.v2i6.855
13	Mohit Bansal	ECE	Multimedia Streaming Technology in 4G Mobile Communication Systems	International Journal of Soft Computing and Engineering	http://www.ijscce.org/wp-content/uploads/papers/v2i4/D0867072412.pdf	International Journal	ISSN: 2231-2307, Vol. 2, Issue-4, September 2012	
14	Mohit Bansal	ECE	'Designing Of Fuzzy Expert System for Control of Air Conditioners	International Journal of Engineering Research		International Journal	ISSN: 2321-7758, Vol. -3, Issue.1, 2015	
15	Mohit Bansal	ECE	Design and Analysis of Trust based Modified DSR routing Protocol in Mobile Ad-hoc network	International Journal of Engineering Research	https://www.researchgate.net/publication/320491133_Design_and_Analysis_of_Trust_Based_Modified_DSR_Routing_Protocol_in_Mobile_Ad-Hoc_Networks	International Journal	ISSN: 2321-7758, Vol. -3, Issue.1, 2015 October 2017	

16	Mohit Bansal	ECE	Comparative Analysis of Different techniques for Breast Cancer Detection in Mamograms	International Journal of Advance Research, Ideas and Innovations in Technology	https://www.researchgate.net/publication/335789367_Comparative_analysis_of_different_techniques_for_breast_cancer_detection_in_Mammograms	International Journal	ISSN: 2454-132X	
17	Mohit Bansal	ECE	Characters and Numerals Recognition Technique Using Template Matching	Emerging Trends in Engineering and Technology at SBIT, Sonapat,		National Conference		January-2016
18	Mohit Bansal	ECE	Encoding & Decoding Of Wireless Data Using LDPC Codes	Emerging Trends in Engineering and Technology at SBIT, Sonapat		National Conference		January-2016
19	Mohit Bansal	ECE	Design and Performance Analysis of Different modulation Techniques MIMO OFDM Using STBC	National Conference on Advances in computing, Communication and Information at GIET, Sonapat.		National Conference		March-2015
20	Mohit Bansal	ECE	Comparative Analysis of Different Wireless Image Transmission Techniques	National Conference on Advances in computing, Communication and Information at GIET, Sonapat.		National Conference		March-2015

21	Mohit Bansal	ECE	Designing and Evaluation of Performance of a 256-Heirarchical QAM for Image Transmission	National Conference on Advances in computing, Communication and Information.		National Conference		March-2015
22	Mohit Bansal	ECE	Design Issues of matched Wavelets filter Designed from Fractional and Unit delay Filter	National Conference on Emerging Trends in Electronics and Communication (NCETEC-2010), BRCM, Bahal		National Conference		Dec. 2010
23	Mohit Bansal	ECE	Wireless Transmission of Electricity	International Conference on Emerging Trends in Engineering and technology at GMT, Kurukshetra		International conference		Dec. 2009
24	Mohit Bansal	ECE	Frequency Decomposition Analysis of Noisy Signal by Butterworth Filter	National conference on Advanced Communication & Instrumentation Engineering (ACIE-10) at Indo Global college of Engineering, Abhipur, Mohali		National Conference		Nov. 2010
25	Mohit Bansal	ECE	Proportional Integral and Derivative Controller	International conference on Emerging Trends in Electronics and		International conference		Dec. 2009

				Communications (ICETEC-2009) at Indo Global college of Engineering, Abhipur, Mohali				
26	Mohit Bansal	ECE	Enhanced image Noise reduction using Wavelets	National conference on emerging trends in electronics & electrical engineering, IITM,MURTHAL ,SONIPAT NCETEEE-		National Conference		Nov. 2011
27	Mohit Bansal	ECE	Comparative Analysis of Design & Development of Various Equalization & Diversity Techniques for MIMO System	National conference on emerging trends in electronics & electrical engineering, IITM, MURTHAL, SONIPAT NCETEEE-2011		National Conference		Nov. 2011

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Sr. No	Name of Faculty	Department	Title of the research / Review paper	Name of the Journal/ Conference	Database listing of Journal/ Conference	Indexing Type: SCI/ ESCI /Scopus	Volume, Issue, Page No / Date	DOI
1	Aakash Gupta	CSE	Implementing weighted entropy distance based approach for the selection of software reliability growth models	International Journal of Computer Applications in Technology (IJCAT) 2018	Inder Science Publishers	Scopus	Vol.57, Issue 3, Page no 255-266	10.1504/IJCAT.2018.092990
2	Aakash Gupta	CSE	Evaluation, Selection and Ranking of software reliability growth models using multi criteria decision making approach	4th International conference on Computing Comm. & Automation 2018 (ICCCA)	IEEE Xplore	Scopus	14-15 Dec, 2018	10.1109/ccaa.2018.8777644
3	Aakash Gupta	CSE	Analysis of Software reliability growth models for reliability estimation	9th International conference on cloud computing, data science & engineering (Confluence 2019)	IEEE Xplore	Scopus	10-11 Jan, 2019	10.1109/CONFLUENCE.2019.8776987
4	Aakash Gupta	CSE	Parametric Selection of Software Reliability Growth Models using Entropy- Evaluation based on Distance from Average Solution	Journal of Computer Science and Technology (JCST)	Springer	SCI	Under Review	

5	Aakash Gupta	CSE	MCDM based Evaluation and Ranking of E-Government Websites using Combinative Distance-based Assessment Approach	Transactions on Services Computing (TSC)	IEEE	SCI	Under Review	
6	Aakash Gupta	CSE	A Decision Support System for the Assessment of Cities based on Air Quality Indicators	Transactions on Services Computing (TSC)	IEEE	SCI	Under Review	
7	Aakash Gupta	CSE	Decision Support System (DSS) for the Assessment of Cities based on Air Quality Indicators	International Journal of Environmental Science and Technology (IJEST)	Springer	SCI	Under Review	
8	Aakash Gupta	CSE	Effectively Scheduling User Request in Cloud Environment	International Journal of Modern Communication Technologies & Research (IJMCTR)	https://www.erppublication.org/ijmctr/page/view_issue/Volume-6-Issue-2	---	ISSN: 2321-0850, Volume-6, Issue-2, February 2018	February 2018
9	Aakash Gupta	CSE	An Improved Structure Of Reversible Adder And Subtractor	International Journal of Electronics and Computer Science Engineering (IJECSE)	www.ijecse.org	---	ISSN 2277-1956/V2N2-712-718	June 2013
10	Aakash Gupta	CSE	An Optimized Design of Reversible Sequential Digital Circuits	National Conference on Emerging Trends in Computer Science and	Proceedings of NCECST-2013, Bareilly	---	06 th April 2013	April 2013

				Communication Technology (NCSTCSCT)				
11	Aakash Gupta	CSE	A survey on Association Algorithm in Data Mining	National Conference On Advances in Computing, Communication & Information (NCACCI)	Proceedings of NCACCI	---	13 th March	March 2015
12	Aakash Gupta	CSE	Vehicle Speed Detection Through Video Processing	National Conference On Advances in Computing, Communication & Information (NCACCI)	Proceedings of NCACCI	---	13 th March	March 2015
13	Aakash Gupta	CSE	Network Security: A Mystry	National Conference On Advances in Computing, Communication & Information (NCACCI)	Proceedings of NCACCI	---	13 th March	March 2015
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1	Anil Arora	CSE	Study of different Longest Common Subsequence Algorithms	Emerging Trends in Computing & Information Communication Technology (ETCICT)	National Conference	1 st & 2 nd May	May 2014
2	Anil Arora	CSE	Optimizing Processor Scheduling Using GA	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	UGC Approved	Thomson Reuter	Vol 3, Issue IV	April 2015
3	Anil Arora	CSE	Review of Web Mail Service Providers	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	UGC Approved	Thomson Reuter	Vol 3, Issue VI	June 2015
4	Anil Arora	CSE	Data Encryption & Decryption, A review	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	UGC Approved	Thomson Reuter	Vol 5, Issue V	May 2017
5	Anil Arora	CSE	A review on Analysis of Data using Data Mining	International Conference on Emerging Trends in Science & Technology	International Conference	Academic Science	13 th April	April 2018

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				(ICETST)				
1	Rachna	CSE	Data clustering using Graph based Algorithm approach	International Journal of Electronics Engineering, June 2010.	CS Journals	---	Vol.2,Issue 1, Page no 151-153	2010
2	Rachna	CSE	Coupling and Cohesion Metrics: A Comprehensive Review	National Conference on Advances in Computational Intelligence (NCACI11)	NCACI11	---	Page no 490-493	2011
3	Rachna	CSE	Software release Planning: A Comprehensive Review	National Conference on Advances in Computational Intelligence (NCACI11)	NCACI11	---	Page no 500-504	2011
4	Rachna	CSE	Metric frameworkA Comprehensive Review	International Journal of software Engineering & Technology	CIIT	---	Vol.3, No 7, Page no 311-316	July 2011
5	Rachna	CSE	A Review Paper on Travelling Salesman Problem	International Journal of Innovations & Advancement in Computer Science	IJIACS	---	Volume 5, Issue 6,page no 94-97	June 2016

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1	Kirti Rana	CSE	Comparison and Analysis of Existing Security Protocols in Wireless Networks	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	--	--	Volume 5 Issue VI, June 2017 ISSN: 2321-9653 Page no-1846-1852	10.32628/ CSEIT19 53127
2	Kirti Rana	CSE	Comparison of Security Protocol in Network	International Journal for Research in Applied Science and Engineering Technology (IJRASET)	--	--	Volume 5 Issue VII, June 2017	--
3	Kirti Rana	CSE	Security for Digital Data using Combination of Audio Steganography and Cryptography	International journal of Engineering development & research (IJEDR)	--	--	Volume 4, Issue 2 ISSN: 2321-9939	--
4	Kirti Rana	CSE	Performance Evaluation on Association Rule Mining in National Conference on Advances in Computing, Communication & Information	National Conference On Advances in Computing, Communication & Information (NCACCI – 2015)	--	--	--	2015

5	Kirti Rana	CSE	Efficient Searching Policies for Web Crawler in National Conference on Emerging Trends in Computing & Information Technology	National Conference on Emerging Trends in Computing & Information Technology (ETCICT)	--	--	--	2014
6	Kirti Rana	CSE	Study of Longest Common Subsequence Algorithms in National Conference on Emerging Trends in Computing & Information Technology	National Conference on Emerging Trends in Computing & Information Technology (ETCICT)	--	--	--	2014
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1	Alisha Sikri	CSE	Data Mining and its various Concepts	ICETEAS 2018, Springer	Proceedings on International Conference on Emerging Trends in Expert Applications & Security (2018)	SCI, Springer	vol 2, pages 95--102	10.29007/pq4r
2	Alisha Sikri	CSE	Mapping of E-Wallets with Features	WILEY, 2019	Cyber Security in Parallel and Distributed Computing	Scrivener Publishing LLC	PP: 245–262	10.1002/9781119488330.ch16

3	Alisha Sikri	CSE	Faith Based Routing in MANETs	IJEDR, 2016	-		Volume 4, Issue 2 ISSN: 2321-9939	
4	Alisha Sikri	CSE	Security for Digital Data using combination of Audio Stenography and Cryptography	IJEDR, 2016	-		Volume 4, Issue 2 ISSN: 2321-9939	
5	Alisha Sikri	CSE	A Vehicle License Plate Recognition with Improved Character Segmentation & Recognition Techniques	IJRASET,2017		--	IJRASET, Vol.5.Issue 6, ISSN: 2321-9653	
6	Alisha Sikri	CSE	A Review Paper on License Plate Recognition System	IJRASET,2017		--	IJRASET, Vol.5. ISSN: 2321-9653	
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1	Diksha Yadav	CSE	Conceal and Secure Communication System	International Journal of Advanced Research in Computer Science and Software Engineering	IJARCSSE	--	Vol.6, Issue 6, June 20166	10.23956/ijarcsse
2	Diksha Yadav	CSE	A Research Paper on Data Encryption and Decryption	International Journal of Research	IJR	--	Volume 05 Issue 16 June 2018	2018

3	Diksha Yadav	CSE	A Review paper on Image Encryption techniques	International Journal of Research	IJR	--	Volume 05 Issue 16 June 2018	2018
4	Diksha Yadav	CSE	Cloud operating System-An Evolutionary Approach	International Journal of Research	IJR	--	Volume 05 Issue 16 June 2018	2018
Sr. No	Name of Faculty	Department	Title of the research / Review paper	Name of the Journal/ Conference	Database listing of Journal/ Conference	Indexing Type: SCI/ ESCI /Scopus	Volume, Issue, Page No / Date	DOI
1	Karmbir	CSE	Review on Different Load Balancing Techniques	European Journal of Business and Social Science (EJBSS)	UGC Approved	European Journal	Vol. 07, Issue-14	Nov 2019

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Sr. No	Name of Faculty	Department	Title of the research / Review paper	Name of the Journal/ Conference	Database listing of Journal/ Conference	Indexing Type: SCI/ ESCI /Scopus	Volume, Issue, Page No / Date	DOI
1	Dr. Sunil Nijhawan	ECE	“A Report on Image Classification Approaches and Techniques”	Conference of International Conference on Emerging Trends in Science &				13th April 2018, ISBN: 978-93-87433-20-5

				Technology (ICETST-2018)				
2.	Dr. Sunil Nijhawan	ECE	Image Quality Assessment for fake Biometrics , a Review of Fingerprint , Iris < and Fake Face Recognition					
3	Dr. Sunil Nijhawan	ECE	Comparative Analysis of Text Detection using SVM, KNN and NN	EURASIP Journal on Image and Video Processing			IJSER Volume 8, Issue 7, July 2017 Edition.	
4	Dr. Sunil Nijhawan	ECE	Image quality assessment for fake bio-metric detection and replay-attack in use of videos	IJSR(International journal)			Volume 5 Issue 7, July 2016.	
5	Dr. Sunil Nijhawan	ECE	“A Model for License Plate Recognition”	IJRASET			in Volume 3 Issue VI, June 2015	
6	Dr. Sunil Nijhawan	ECE	RFID (Radio Frequency Identification)	National Conference on Electronics Instrumentation & Control Sysytems ,	APJ College Of Engg , Sohna, Gurgaon		on 27 th sept , 2008	
7	Dr. Sunil Nijhawan	ECE	A Review on security Enhancement Of Information Using Digital Watermarking Techniques	NCACCI-2015	GIET		13 March 2015	
8	Dr. Sunil Nijhawan	ECE	Image Quality Assessment for Fake Biometrics	NCACCI-2015	GIET		13 March 2015	

9	Dr.Sunil Nijhawan	ECE	“A Comparative Report on Different Image Enhancement Techniques”	Emerging Trends in Mechanical Engg	GIET		14 Feb 2014	
10	Dr.Sunil Nijhawan	ECE	Image Classification Approaches	Emerging Trends in Mechanical Engg	GIET		14 Feb 2014	
Sr. No	Name of Faculty	Department	Title of the research / Review paper	Name of the Journal/ Conference	Database listing of Journal/ Conference	Indexing Type: SCI/ ESCI /Scopus	Volume, Issue, Page No / Date	DOI
1	Pallavi	ECE	Hydroponics Water Management Utilizing A Streamlining Optimizer	International Journal of Engineering Technology Science & Research 2018			Volume5, Issue 4,pp 350-354.	
Sr. No	Name of Faculty	Department	Title of the research / Review paper	Name of the Journal/ Conference	Database listing of Journal/ Conference	Indexing Type: SCI/ ESCI /Scopus	Volume, Issue, Page No / Date	DOI
1	Abhishek Gupta	ECE	Design of Circular Micro strip Patch Antenna with different Slots for WLAN & Bluetooth Application	International Journal of Engineering Research & Technology(IJERT) 2013	----	---	Vol 2,Issue 9,September-2013	ISSN: 2278-0181 ,IJERTV2IS90634
2	Abhishek Gupta	ECE	A Stratified Methodology for the Marine Electronic Highway for Policy Makers along the West Coast of India and South Coast of Srilanka	International Journal of Engineering Research and Applications (IJERA)2016	---	---	Vol. 6, Issue 4, (Part - 2) April 2016, pp.22-27	ISSN: 2248-9622
3	Abhishek Gupta	ECE	Design & Simulation of Microstrip Trapezoidal	International Journal of scientific research and management	---	---	Volume 3 Issue 6 Pages \ 3302-	ISSN (e): 2321-3418

			Patch Antenna with H and V Shaped slot	(IJSRM)2015			3205 2015	
4	Abhishek Gupta	ECE	Comparative Analysis of Different Wireless Image Transmission Techniques	National Conference –Gateway Institute of Engineering & Technology , Sec-11 Sonipat	---	---	---	---

DEPARTMENT OF MECHANICAL ENGINEERING

Sr. No	Name of Faculty	Department	Title of the research / Review paper	Name of the Journal/ Conference	Database listing of Journal/ Conference	Indexing Type: SCI/ ESCI /Scopus	Volume, Issue, Page No / Date	DOI
1	Sunny Singla	ME	Supplier risk management in automobile company to mitigate risk down the supply chain	International Jour nal of Scientific and Research Publication (IJSRP)	Journal	ISSN2250- 3153	VOL-10 (567- 569) 03-03-2020	03-03- 2020
2	Sunny Singla	ME	Accessing and mitigating various risk involve in supply chain	International Jour nal of Scientific and Research Publication (IJSRP)	Journal	ISSN2250- 3153	VOL-10 (570- 575) 03-03-2020	03-03- 2020
Sr. No	Name of Faculty	Department	Title of the research / Review paper	Name of the Journal/ Conference	Database listing of Journal/ Conference	Indexing Type: SCI/ ESCI /Scopus	Volume, Issue, Page No / Date	DOI

1	Lalit kumar	Mechanical	Performance analysis of compact heat exchanger	International Jour nal of Engineering Applied Sciences and Technology(ICET ST)	Journal	ISSN2394-3386		13 th April 2018
2	Lalit kumar	Mechanical	To study the mechanical behavior of friction welding of similar and dissimilar material	International Jour nal of Engineering Applied Sciences and Technology (ICETST)	International Conference	ISSN 2394 – 3386	Vol-5 issue 4 April 2018 (359-362)	13 th April 2018
Sr. No	Name of Faculty	Department	Title of the research / Review paper	Name of the Journal/ Conference	Database listing of Journal/ Conference	Indexing Type: SCI/ ESCI /Scopus	Volume, Issue, Page No / Date	DOI
1	Nikhil Rohilla	Mechanical	Effect of TIG welding parameters on Mechanical properties of 6082 Al Alloys	International Review of Engineering and Computer Sciences (IRECS)	International Conference	ISSN 2231-1793	VOL-8 TMET-2018	21-01-2018
2	Nikhil Rohilla	Mechanical	Motor Assisted approach leading to solar car/vehicle	International Jour nal of Engineering Applied Sciences and Technology(ICET ST)	International Conference	ISSN2394-3386	Vol-5 issue 4 April 2018	13 th April 2018
Sr. No	Name of Faculty	Department	Title of the research / Review paper	Name of the Journal/ Conference	Database listing of Journal/ Conference	Indexing Type: SCI/ ESCI /Scopus	Volume, Issue, Page No / Date	DOI

1	Sushil	Mechanical	Optimization of Process Parameters For effective Material surface roughness in abrasive flow machining process	International Jour nal of latest trends in Engineering and Technology (IJLTET)	Journal	ISSN-2278-621X	Vol. 5, 1 January 2015, 3 73- 382	5 January 2015
2	Sushil	Mechanical	Optimization of Process Parameters For effective material removal in abrasive flow machining process	International Jour nal of latest trends in Engineering and Technology (IJLTET)	International Conference			20-12-2014
Sr. No	Name of Faculty	Department	Title of the research / Review paper	Name of the Journal/ Conference	Database listing of Journal/ Conference	Indexing Type: SCI/ ESCI /Scopus	Volume, Issue, Page No / Date	DOI
1	Navneet Raj	Mechanical	Review of Hybrid electrical vehicles	International Jour nal of Engineering Sciences & Research Technology (IJESRT)	Journal	ISSN - 2277-9655		15Dec2017
2	Navneet Raj	Mechanical	Review of Hybrid energy storage system	International Jour nal of Engineering Applied Sciences and Technology (ICETST)	International Conference	ISSN 2394 – 3386	Vol-5 issue 4 April 2018 (476-485)	13 th April 2018

DEPARTMENT OF CIVIL ENGINEERING

Sr. No	Name of Faculty	Department	Title of the research / Review paper	Name of the Journal/ Conference	Database listing of Journal/	Indexing Type: SCI/ ESCI	Volume, Issue, Page No / Date	DOI
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					Conference	/Scopus		
1	Sumit Kumar	CE	Assessment of Flexural strength of fiber based concrete.	International Journal of Engineering Science and Computing (IJESC) 2018	IJESC	Google Scholar	Vol.8, Issue 5	May 2018
2	Sumit Kumar	CE	Effect of wind load on Elevated water tank of Intze type: an overview.	International Journal of Engineering Sciences and Research Technology (IJESRT) 2018	IJESRT	Google Scholar	Vol.7, Issue 6	10.5281/z enodo.12 41438
3	Sumit Kumar	CE	Permeability Behavior of self compacting concrete.	International Journal of Scientific Development and Research (IJSDR) 2017	IJSDR	Google Scholar	Vol.2, Issue 11	Nov 11,2017
Sr. No	Name of Faculty	Department	Title of the research / Review paper	Name of the Journal/ Conference	Database listing of Journal/ Conference	Indexing Type: SCI/ ESCI /Scopus	Volume, Issue, Page No / Date	DOI

1	Sudhir Malik	CIVIL	Effect of severe temperature and restrained on instability and buckling of elliptical steel columns.	International Journal of Engineering, Technology, Science and Research (IJETSR) 2018.	IJETSR	Google Scholar	Vol.5, Issue 4	April, 2018
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DEPARTMENT OF APPLIED SCIENCE & HUMANITY

Sr. No	Name of Faculty	Department	Title of the research / Review paper	Name of the Journal/ Conference	Database listing of Journal/ Conference	Indexing Type: SCI/ ESCI /Scopus	Volume, Issue, Page No / Date	DOI
1	Sushil Kumar	Physics	Radiation Characteristics of Rectangular Microstrip Antenna in Weakly Ionized Plasma Medium	International Journal of Electronics, Electrical and Computational System(IJEECS)	Academic Science	Google Scholar	ISSN 2348-117X Volume 7, Issue 4	April 2018
2	Sushil Kumar	Physics	Total Ionization Cross Section of Inorganic Atom(Ca) by Electron Impact	International Journal of Research in Science & Technology	Indian Academicians and Researchers Association	Google Scholar	ISSN 2394-9554 Volume 6, Issue1	January-March-2019
3	Sushil Kumar	Physics	Partial and Total Ionization Cross section of Inorganic (No) Molecule	UGC CARE Journal	Studies in Indian Place	Google Scholar	ISSN 2394-3114 Volume 40, Issue68	March-2020

DEPARTMENT OF POLYTECHNIC

Sr. No	Name of Faculty	Department	Title of the research / Review paper	Name of the Journal/ Conference	Database listing of Journal/ Conference	Indexing Type: SCI/ ESCI /Scopus	Volume, Issue, Page No / Date	DOI
1	Ajay kumar	Polytechnic (ME)	Review on Hybrid Energy Storage System for Electric Vehicle	International conference on emerging trends in science & technology (ICETST-2018)	IJETSR	ISSN 2394-3386	Volume 5 , Issue 4, April 2018,	13 th April 2018
2	Gaurav saini	Polytechnic (CE)	Split tensile strength behavior with Glass fiber Reinforced concrete	International Journal of Engineering Research & management (IJERM-2018)	ECLAT	ISSN:2349-2058	VOLUME-05 ISSUE-03, MARCH 2018	22th April 2018
		Polytechnic (CE)	Use of waste plastic material in road construction	International conference on emerging trends in science & technology (ICETST-2018)	IJETSR	ISSN 2394-3386	Volume 5 , Issue 4, April 2018,	13 th April 2018
3	Shri om	Polytechnic (CE)	Use of waste plastic material in road construction	International conference on emerging trends in science & technology (ICETST-2018)	IJETSR	ISSN 2394-3386	Volume 5 , Issue 4, April 2018,	13 th April 2018
4	Kuldeep		Motor assisted approach leading to solar car / Vehicle	International conference on emerging trends in science & technology (ICETST-2018)	IJETSR	ISSN 2394-3386	Volume 5 , Issue 4, April 2018,	13 th April 2018

