

ManavRachna University, Faridabad.

Research Publications of UG/PG students published in Journals of last five years

S.No.	Deptt.	Research Coordinator / Faculty Mentor	Students Name	Title of the Paper	Authors of the paper	Details of Publication	Year of the Publication	Journal Name	Link
1	CST	Dr. Yojna Arora	ChiragVarshney, Priyal Mittal &MayankBishra	Systematic Review of the Association between Cancer-Related Dementia and Mality: Systematic Review and Meta-Analysis	Chirag Varshney, Priyal Mittal, Mayank Bishra & Yojna Arora	Vol.-11, Issue-4, July 2023	2023	International Journal of Innovative Research in Computer Science and Technology	https://acspublisher.com/journals/index.php/ijircst/article/view/10242/9058
2	CST	Dr. Yojna Arora	Manya Sinha, Shivank Solanki, Sudeep Batra & AbhishekTewatia	Fire Alarm System Through Smoke Detection	Manya Sinha, Shivank Solanki, Sudeep Batra, Yojna Arora, Abhishek Tewatia	Vol.-11, Issue-4, Page No. 1-4, July 2023	2023	International Journal of Innovative Research in Computer Science and Technology	https://acspublisher.com/journals/index.php/ijircst/article/view/10242/9058
3	Mechanical	Dr. Joginder Singh	Prateek Sachdeva, Rajendra Tiruwa	Remodelling of a Jet Engine Mounting Bracket using Structural Analysis and Topology Optimization	Joginder Singh, Prateek Sachdeva, Rajendra Tiruwa	Vol. XI, Issue XI, November 2022	2022	International Journal of Research	https://drive.google.com/file/d/1leCHGZc6uHwzKxMtOWx1iyctb/view

4	Mechanical	Dr. Joginder Singh	Anshul Tripathi, Pritam Das	Virtual Analysis and Manufacturing of Flat Specimen of Carbon Fiber Composite for Computing Tensile Strength	Joginder Singh, M.R. Tyagi, Anshul Tripathi, Pritam Das	Vol. XI, Issue XI, November 2022	2022	International Journal of Research	https://drive.google.com/file/d/1ah9nTq3BuZHIBxshzr_c8fFi_cTMMTOF/view
5	Mechanical	Dr. Joginder Singh	Sahil, Tushar Aggarwal	Frequency and Static Structural Linear Analysis of Non-Flexible Pedestrian Iron Bridge by SimsolidSoftware	Joginder Singh, M.R. Tyagi, Sahil, Tushar Aggarwal	Vol. XI, Issue XI, November 2022	2022	International Journal of Research	https://drive.google.com/file/d/1CHNiN2v2PBkn6jNGkUqpgG-DNxXJfC_d/view
6	ECE	Dr. Shruti Vashist & Dr. Meenakshi Gupta	Aishvarj Gupta	Evolution of Blockchain: From Bitcoin Ethereum to Polkadot	Aishvarj Gupta, Shruti Vashist & Meenakshi Gupta	Vol. XI, Issue XI, November 2022	2022	International Journal of Research	https://drive.google.com/file/d/1i8aAKlLocdeBzWkKMM73mjI7VEKn7dv/view
7	CST	Dr. Parneeta Dhaliwal	Sayush Sharma, Lakshay Chauhan	Detailed Study of Wine Dataset and its Optimization	Parneeta Dhaliwal, Suyash Sharma, Lakshay Chauhan	Vol. 43, No. 5, pp. 6709-6741, September 2022	2022	International Journal of Intelligent Systems and Applications	https://www.mecs-press.org/ijisa/ijisa-v14-n5/IJISA-V14-N5-4.pdf

8	Physics	Aditya Sharma	Tanisha Gautam, Anjali Sharma	XANES Investigations on Electronic Structure and Magnetic Properties of GaFeO ₃ Nanocrystals	Aditya Sharma, Mayora Varshney, Tanisha Gautam, Anjali Sharma, AnkushVij, Ram K Sharma, Byeong-hyeon Lee, Keun Hwa Chae, Sung Ok Won	Vol No.51, Pages: 4133–4138, August 2022	2022	Journal of Electronic Materials	https://ink.springer.com/article/10.1007/s11664-022-09722-4#:~:text=GaFeO3%20nanoparticles%20possess%20a,favorites%20regular%20hysteresis%20loop
9	Physics	Sandeep Kumar	Shruti Gulihar	Attosecond-XUV pulse generation using laser-based high harmonic generation in argon gas	Shruti Gulihar, Sandeep Kumar, Mukesh Jewariya	Vol No. 137, Article No. 851, July 2022	2022	The European Physical Journal Plus	https://ink.springer.com/article/10.1140/epjp/s13360-022-03062-2
10	Mechanical	-	Anshul Tripathi, Pritam Das, Tushar Aggarwal, Sahil	Diminution of Chatter Vibration in Single Point Cutting tool Holder using Finite Element Analysis (FEA)	Anshul Tripathi, Pritam Das, Tushar Aggarwal, Sahil	Volume 62, Part 6, 2022, Pages 3665-3669, June 2022	2022	Materials Today Proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785322025743
11	Mechanical	-	Anshul Tripathi, Pritam Das, Tushar Aggarwal,	Efficiency Enhancement of a Hybrid Vertical Axis Wind	Anshul Tripathi, Pritam Das, Tushar Aggarwal,	Volume 62, Part 6, 2022, Pages 3582-3588,	2022	Materials Today Proceedings	https://www.sciencedirect.com/science/article/

			Sahil	turbine by utilizing Optimum Parameters	Sahil	June 2022			abs/pii/S221478532202555X
12	Sciences-Physics	Dr. Aditya Sharma	Himani Saraswa, Surekha Chaudhary	Structural, Surface, and Electronic Structure Properties of Ag– Ion-Implanted SrVO3 Thin Films	Aditya Sharma, Ksh. Devarani Devi, Mayora Varshney, Himani Saraswat, Surekha Chaudhary, Byeong-hyeon Lee, So-Hee Kim Sung Ok Won, Keun Hwa Chae, Ankush Vij, Ram K. Sharma & Hyun-Joon Shin	DOI:10.1007/s11664-022-09454-5, May	2022	Journal of Electronic Materials	https://ui.adsabs.harvard.edu/abs/2022JEMat..51.1900S/abstract
13	Law	Dr. S.K Bose	Shagun Sharma	Globalization and Dispute Settlement Mechanism in International Trade Law	Shagun Sharma	Vol. 5, Issue-1, Page No. 101-144, January	2022	International Journal of Law Management & Humanities	https://ijlmh.com/paper/globalization-and-dispute-settlement-mechanism-in-international-trade-law/
14	Law	Dr. Versha Vahini	Yamini Nyayar	Impact of Globalization on Human Rights	Yamini Nyayar	Vol. 10, Issue-I, January 2022	2022	International Journal of AllResearch Education & Scientific Methods	https://www.ijaresm.com/impact-of-globalization-on-human-

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15	Sciences-Chemistry	Dr. Priti Gupta	Ananya Julka	Water Quality Assessment and Heavy Metal Detoxification via Bioremediation	Ananya Julka, Priti Gupta	Vol.17, Issue-1, January 2022	2022	Inorganic Chemistry : An Indian Journal	https://www.tsijournals.com/articles/water-quality-assessment-and-heavy-metal-detoxification-via-bioremediation-15665.html
16	Law	S.K Bose	Shagun Sharma	Adoption of International Arbitration Law in Indian Legislation and Contribution of Indian Judiciary	Shagun Sharma	Vol.- III, Issue-II, December 2021	2021	Indian Journal of Law and Legal Research	https://www.ijllr.com/post/adoption-of-international-arbitration-law-in-indian-legislation-and-contribution-of-indian-judiciary
17	Law	Dr. S.K Bose	Keshav Roy	Impact of Globalization on India	Keshav Roy	Vol. 27, December 2021	2021	Supremo Amicus	https://supremoamicus.org/wp-content/uploads/2021/1

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18	Physics	Dr. Deepti Maikhuri	Soumyadeep Manna	Numerical Modeling for Computation of Confined Energy States in Oblate Spheroidal Quantum Dots: Effect of Dot Size, Eccentricity and Surrounding Matrix	Deepti Maikhuri & Soumyadeep Manna	Vol.136, Article No. 1196, December 2021	2021	European Physical Journal plus	https://link.springer.com/article/10.1140/epjp/s13360-021-02207-z
19	Law	Dr. S.K Bose	Shalu Shrivastava	The Rise of Globalization and its effect on the Autonomy of State and Political Economy	Shalu Shrivastava	Vol.27, December 2021	2021	Supremo Amicus	https://supremoamicus.org/wp-content/uploads/2021/12/Shalu-Shrivastava.pdf
20	Law	Dr. S.K Bose	Rohit Kumar Singla	Third Party Funding for Arbitration in India	Rohit Kumar Singla	Vol.9, Issue-48, December 2021	2021	Scholarly Research Journal For Humanity Science & English Language	https://oaji.net/articles/2021/12-01-1640169095.pdf
21	Law	Dr S.K Bose	Ruchi Bhardwaj	Refugee Laws in India	Ruchi Bhardwaj	Vol.9 , Issue-12, Page No. 66-72,	2021	Journal of Research in Humanities	https://www.questjournals.org/j

						November 2021		s and Social Science	rhss/papers/vol9-issue12/Ser-5/J09126672.pdf
22	CST	Dr. Parneeta Dhaliwal	Barkha Shree	Behavioural Evidence Analysis: A Paradigm Shift in Digital Forensics	Barkha Shree, Parneeta Dhaliwal	Vol.13, Issue-5, Pages 20-42, October 2021	2021	International Journal of Digital Crime and Forensics	https://www.igi-global.com/article/behavioural-evidence-analysis/283125
23	Sciences-Mathematics	Ruchi Gupta	Priyanka Sahni	Fixed Point Existence Results Of F-Kannan Type Contraction On A Metric Space With Directed Graph	Rakesh Batra, Ruchi Gupta & Priyanka Sahni	Vol.11 No. 5, Pg. No. 5181-5195, August, 2021	2021	Journal of Mathematical and Computational Science	https://scic.org/index.php/jmcs/article/view/5929
24	Mathematics	Dr. Deepa Arora	Pratibha	On Skew Strong McCoy Rings	Pratibha, Amit B.Singh and Deepa Arora	Vol.71, Issue-1 Pages 1-7, August 2021	2021	GANITA	https://bharataganitaparisad.com/wp-content/uploads/2021/10/711-ch001.pdf
25	Sciences-Mathematics	Dr. Y.K. Sharma	Ashish Yadav & Anurag Vashishth	Mathematical Modeling of Crops Production in India: Future	Y K Sharma, AshishYadav and Anurag Vashishth	Vol. 8. Issue 2(1), April to June 2021	2021	International Journal of Advance & Innovation	https://iaraedu.com/pdf/ijair-volume-8-issue-

				Estimate				Research	2-i-april-june-2021.pdf
26	Sciences-Mathematics	Dr. Aparna Vyas	Ankita Yadav & Riya Fagna	Image Denoising Using Hard Threshold Techniques on Wavelet Transform and Shearlet Transform	Ankita Yadav, Riya Fagna and AparnaVyas	Vol.-VI Issue-V, May 2021	2021	International Journal of Technical Research & Science	https://ijtrs.com/uploaded_paper/IMAGENOISING%20USING%20HARD%20THRESHOLD%20TECHNIQUES%20ON%20WAVELET%20TRANSFORM.pdf
27	Law (LLM)	-	AnupMenon	Interim Reliefs Through Courts In Arbitral Proceedings : Question of Territorial Jurisdiction	AnupMenon	May	2021	Legal Armor	Print Journal
28	Law (LLM)	-	Anup Menon	Why COVID-19 vaccines should be free for	Anup Menon	May	2021	The News Minute	https://www.thenewsminute.com/news

				everyone in India					/why-covid-19-vaccines-should-be-free-everyone-india-149201#:~:text=If%20the%20government%20aims%20to,Mohanam%20%26%20Associates%20Law%20Firm.
29	Mathematics	Dr. Ruchi Gupta	Sapna	A Modified Hungarian Methodology to Solve Assignment Problem	Sapna, Ruchi Gupta	Vol. 50, Issue-04, Pages 1-8, April 2021	2021	Journal of Huazhong University of Science and Technology	https://www.researchgate.net/publication/362154505_A_Modified_Hungarian_methodology_to_solve_assignment_problem
30	Mechanical	Mr. Mandeep Bhadana	Final yr students of Mechanical (8th Sem)	Design, Analysis, and Fabrication of an Electric Dune Buggy	Prateek Mahapatra, Manan Aggarwal, Shivam Singh, Ritvik Manocha	Vol.10, Issue-04, April 2021	2021	International Journal of Engineering Research & Technology (IJERT)	https://www.ijert.org/research/design-analysis-and-fabricati

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31	Law (LLM)	-	Anup Menon	Recognition of the Third Gender and the Current Status of Transgender Laws	Anup Menon	Vol.7 , Issue-4, March 2021	2021	International Journal of Socio Legal Research	Print Journal
32	Law (LLM)	-	Avantika Singh	□□□□□ □□□□□ □□ □□□□□□	Avantika Singh	March 2021	2021	Star Samachar (Newspaper)	Print Journal
33	Law (LLM)	-	Shaila Arora	Independence of Judiciary in India	Shaila Arora	Vol. 4, Issue-2, Pages 714-720, January 2021	2021	International Journal of Law Management & Humanities	https://ijlmh.com/paper/independence-of-judiciary-in-india/
34	Mathematics	Dr. Aparna Vyas	Ridhi Bhatnagar	Comparative Study of Wavelet Transform and Wavelet Packet Transformation in Image Denoising using Thresholding Technique	Ridhi Bhatnagar and Aparna Vyas	Vol. VI, Issue I, January 2021	2021	International Journal of Technical Research & Science (IJTRS)	https://ijtrs.com/uploaded_papers/COMPARATIVE%20STUDY%20OF%20WAVELET%20TRANSFORMATION%20AND%20WAVELET%20PACKET%20TRANSFORMATION%20IN%20IMAGE%20DENOISING%20USING%20THRESHOLDING%20TECHNIQUE

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35	Chemistry	Dr. Megha Bansal	B.Sc. (H) Chemistry Batch 2018-2020	Determination of Sun Protection Factor of Vegetable and Fruit extracts using UV-Visible Spectroscopy: A Green Approach	Tanya Sharma, Vinika Tyagi, Megha Bansal	Vol.18, Article No. 100347, December 2020	2020	Sustainable Chemistry and Pharmacy	https://www.sciencedirect.com/science/article/abs/pii/S2352554120305866
36	Sciences-Physics	Dr. Aditya Sharma	Himani Saraswat, Surekha Chaudhary	150 KeV Cu- ion-implantation in SrVO ₃ thin films: A study of Cu induced defect states	Aditya Sharma, Himani Saraswat, Surekha Chaudhary, Mayora Varshney, Devarani Devi, Fouran Singh, SO Won, Hyun-Joon Shin	Vol.181, November 2020	2020	Vacuum	https://www.sciencedirect.com/science/article/abs/pii/S0042207X20305170

37	Sciences-Physics	Dr. Aditya Sharma	Surekha Chaudhary, Himani Saraswat	Structural and Electronic-Structure Investigations of Defect States in Cu-ion-Implanted SnO ₂ Thin Films	Surekha Chaudhary, Himani Saraswat, Devarani Devi, Pawan Kulriya, Fouran Singh, Sung- Ok Won, Hyun-Joon Shin, Jai Parkash, Aditya Sharma	Vol.179, September 2020	2020	Vacuum	https://www.sciencedirect.com/science/article/abs/pii/S0042207X20303456
38	Mechanical	Mr. Pradeep Kumar Mouria	Final yr students of Mechanical (8th Sem)	Designing Geothermal Heating and Cooling System	Prateek Mahapatra and Shivam Singh	Vol.9 Issue 07, July-2020	2020	International Journal of Engineering Research & Technology (IJERT)	https://www.ijert.org/designing-geothermal-heating-and-cooling-system
39	Mechanical	Mr. J.P Sharma	Final yr students of Mechanical (8th Sem)	Impact behaviour analysis of a newly designed go-kart chassis	Prateek Mahapatra, Gourav Arora, Manan Aggarwal, Shivam Singh, Ritvik Manocha	13(23):2336–2344, July 2020	2020	Indian Journal of Science and Technology	https://indjst.org/articles/impact-behaviour-analysis-of-a-newly-designed-go-kart-chassis
40	CST/ Mathematics	Dr. Ruchi Gupta	ChaviBaliyan, MansiMangla	Future Population and Literacy rate Projection	Ruchi Gupta, Hardeokumar Thakur, ChaviBaliyan, MansiMangl	Vol. 83, Page No. 10128-10138, June 2020	2020	Test Engineering and Management	http://www.testmagazine.biz/index.php/testmagazine/article

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41	Sciences-Mathematics	Dr. Ruchi Gupta	Priyanka Sahni	Some results related to fixed points of F-G-contractions on metric spaces equipped with w-distance	Rakesh Batra, Ruchi Gupta & Priyanka Sahni	Vol. 23, Pages 413-423, May 2020	2020	Journal of Interdisciplinary Mathematics	https://www.tandfonline.com/doi/abs/10.1080/09720502.2020.1731954
42	Sciences-Mathematics	Dr. Ruchi Gupta	Priyanka Sahni	A new extension of Kannan contractions and related fixed-point results	Rakesh Batra, Ruchi Gupta & Priyanka Sahni	Vol.128, Pages 1143-1154, May 2020	2020	The Journal of Analysis	https://link.springer.com/article/10.1007/s41478-020-00241-1
43	Law	-	Priyanka Walter	International Court of Justice and State Consent	Priyanka Walter		2020	The L Word: insight of a law freak	Print Journal
44	Mathematics	Dr. Y.K. Sharma	Sachin	Study of Stability and Solution of a System of Ordinary Differential Equations: Linear Algebra	Y K Sharma, Sachin, Deepk Kumar	Vol.(7) I(XVII)-320-323, March 2020	2020	International Journal of Advance and Innovative Research	https://www.iaar.aedu.com/pdf/ijair-volume-7-issue-1-xviii-january-march-2020-part-3.pdf

45	Physics	Dr. Aditya Sharma	Himani Saraswat	Nano-structured phases of gallium oxide (GaOOH, α -Ga ₂ O ₃ , β -Ga ₂ O ₃ , γ -Ga ₂ O ₃ , δ -Ga ₂ O ₃ , and ϵ -Ga ₂ O ₃): fabrication, structural, and electronic structure investigations	Aditya Sharma, MayoraVars hney, HimaniSara swat, SurekhaCha udhary, Jai Parkash, Hyun-Joon Shin, Keun-HwaChae, Sung-Ok Won	Vol. 10, Issue-01, February 2020	2020	Internatio nal Nano Letters	https://link.springer.com/article/10.1007/s40089-020-00295-w
46	Chemistry	Dr. Pradeep K. Varshney	KajalGaut am& Monika Tanwar	Current trends and future prospective s in the recycling of spent lead acid batteries in India	Pradeep K. Varshney, KalpnaVars hney, KajalGauta m, Monika Tanwar	Vol.26, Part 2, 2020, Pages 592-602, January 2020	2020	Materials Today Proceeding s	https://www.sciencedirect.com/science/article/abs/pii/S2214785319341793
47	Mathematics	Dr. Y.K. Sharma, Dr. Bhawna Mehta	Sachin	Mathematic al Model for Genetics using Linear Algebra	Yogendra Kumar Sharma, Schain, Bhawna Mehta and Deepak Kumar	Vol.1, Issue-1, Page No.31-36, November 2019	2019	FIRMS's Internatio nal Journal of Mathemati cal Sciences.	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=8YHy7awAAAJ&citation_for_view=8YHy7awAAAJ:u-x6o8ySG0sC

48	ECE	Dr. Mohit Verma	Rahul Yadav, Ayush Goel	A State-of-the-Art Study on Energy Harvesting Systems: Models and Issues	Rahul Yadav, AyushGoel, ShrutiVasisth, MohitVerma	Vol. 12, Issue: 41, Pages: 1-6, November 2019	2019	Indian Journal of Science & Technology (IJST)	https://indjst.org/article/s/a-state-of-the-art-study-on-energy-harvesting-systems-models-and-issues
49	CST	Dr. Sachin Kansal	Abhishek Sontakk, Aman Diwakar	Intelligent Automatic Traffic Challan on Highways and Payment through FASTag card	AbhishekSontakke, AmanDiwakar	Vol.12, Issue-44, 11, November 2019	2019	Indian Journal of Science & Technology (IJST)	https://indjst.org/article/s/intelligent-automatic-traffic-challan-on-highway-s-and-payment-through-fastag-card
50	ECE	Dr. Mohit Verma	Ayush Goyal, Madan Mohan Dhir,	Methodology of Exoskeleton with Actuation Methods and Discussion of Nerves sensing for Exoskeleton	Ayush Goyal, Madan Mohan Dhir, Vijay Kumar Gill, MohitVerma	Vol.12, Page no.1-8, October 2019	2019	Indian Journal of Science & Technology (IJST)	https://indjst.org/article/s/methodology-of-exoskeleton-with-actuation-methods-and-

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51	Mechanical	Dr. Anil Kumar Singh Bankoti	S. Somesh, Sumit Kumar Shaw	A comprehen sive review on LiBr- H2O based solar powered vapour absorption refrigeratio n system	S. Somesh, Sumit Kumar Shaw, Piyush Mahendru	Pages 343-352, June 2019	2019	Lecture Notes in Mechanical Engineerin g	https:// www.re searchg ate.net/ publicati on/3335 22504 A Comp rehensiv e Revie w on Li Br- H2O Ba sed Sol ar- Powere d Vapo ur Abso rption Refriger ation S ystem
52	Mechanical	Dr. Anil Kumar Singh Bankoti	Himansh uGarg, Kunal Singh, K. Aditya, Himansh u Gupta	Comparativ e Study of Sheet Metal and Carbon Fiber Reinforced Composites Ceiling Fan Blade	Joginder Singh, M.R. Tyagi, HimanshuG arg, Kunal Singh, K. Aditya, Himanshu Gupta	Pages 413-419, June 2019	2019	Lecture Notes in Mechanical Engineerin g	https:// www.re searchg ate.net/ publicati on/3335 26698 Compar ative St udy of Sheet Metal a nd Carb on Fibr e Reinf orced C omposit es Ceili

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53	CST	Dr. Vinay Kumar Jain	Kaustubh ,MadhurAhuja, Vikash Singh	A Review Paper on Management of Big Data	GaganjotKaur, Kaustubh,MadhurAhuja, Vikash Singh	Vol. 4, Issue 1, Page no. 11-15, May 2019	2019	Journal of Data Mining and Management	https://matjournals.in/index.php/JoDM/article/view/3460
54	CST	Mr. Manoj Kumar	SahilSachdeva, AkshutaSachdeva, YashBakhshi	Camlens-An Innovative Android Phone Application to empower the blind and visually impaired in reading any kind of printed text in real time using opencv Optical Character Recognition and Text-To-Speech	SahilSachdeva, AkshutaSachdeva, YashBakhshi, Manoj Kumar	Vol. 4, Issue 3, Page no. 1-15, May 2019	2019	Journal of optical communication electronics	https://zenodo.org/records/1451742
55	Mechanical	Dr. Anil Kumar Singh Bankoti	Pradeep Kumar Mouria	Frictions stir welding of magnesium and aluminium alloys: A review	SahilVerma, AyushChaudhary, Isha Sharma, Pradeep Kumar Mouria	2019; Vol.10 (Suppl 2): 116-120, April 2019	2019	IIOAB Journal	-
56	Mechanical	Dr. Ashish Selokar	HimanshuGarg, Karan Sehgal , Rahul Lamba	A Systematic Review: Effect of TIG and A-TIG	HimanshuGarg, Karan Sehgal, Rahul Lamba and GianenderK	Pages 375-385, April 2019	2019	Lecture Notes in Mechanical Engineering	https://www.springerprofessional.de/en/a-

				Welding on Austenitic Stainless Steel	ajal				systematic-review-effect-of-tig-and-a-tig-welding-on-austenitic-16890300
57	Mathematics	Dr. Ruchi Gupta	Nikita Gulati, Komal, Diksha Jasrotia	An Alternative Method to Reduce Medicine Costs By Minimizing Transportation Overheads	Ruchi Gupta, MukeshSahu, Nikita Gulati, Komal, DikshaJasrotia	Vol.8 Issue-4, Pages 91-94, April 2019	2019	International Journal of Engineering and Advanced Technology (IJEAT)	https://www.ijeat.org/portfolio-item/D6343048419/
58	Mechanical	Dr. Ashish Selokar	Shivam Mahajan, K. Aditya, Himanshu Gupta, Kunal Singh	Comprehensive review on hybrid vehicle Powertrain	ShivamMahajan, K. Aditya, Himanshu Gupta, Kunal Singh, Jai Prakash Sharma	Pages 493-501, April 2019	2019	Lecture Notes in Mechanical Engineering	https://www.researchgate.net/publication/332699473/Comprehensive_Review_on_Hybrid_Vehicle_Powertrain
59	CST	Dr. Vinay Kumar Jain	AnuragRawal, Gaurav Chhikara, Hitesh Khanna	Cryptography Algorithm	GaganjotKaur, AnuragRawal, Gaurav Chhikara, Hitesh Khanna	Vol. 4, Issue 1, Page no. 31-38, April 2019	2019	Journal of Analog and Digital Communications	https://zenodo.org/records/2606230
60	Mechanical	Dr. Anil Kumar Singh	Abdul Ahad, AbhinavC	Evaluation of tensile properties	Joginder Singh, M. R. Tyagi,	Pages 395-403,	2019	Lecture Notes in Mechanical	https://www.semantics

		Bankoti	hawla, Dinesh Kashyap, VinayPra bhakar	of hot rolled carbon steel using finite element analysis	Abdul Ahad, Abhinav Chawla, Dinesh Kashyap, Vinay Prabhakar	April 2019		Engineerin g	cholar.org/paper/Evaluation-of-Tensile-Properties-of-Hot-Rolled-Singh-Tyagi/89738cebd83a94d1619ab82c178cb049bcd91b4f
61	Physics	Dr. Haider Abbas & Dr. Deepti Maikhuri	Charu Sharma	Interaction and damage of nucleobase s of DNA and RNA caused by silicon nanopartic le and crystalline silica: First principles study Computatio nal and Theoretical Chemistry	Haider Abbas, Deepti Maikhuri, Charu Sharma	Vol. 1154, Pages 26- 30, April 2019	2019	Computati onal and Theoretica l Chemistry	https://www.sciencedirect.com/science/article/abs/pii/S2210271X19300696

62	Mechanical	Dr. Anil Kumar Singh Bankoti	Ravi Dutt Sharma, Dheeraj Sharma, KartikAwasthi	Power Management and Energy Optimization in Hybrid Electric Vehicle-A Review	Ravi Dutt Sharma, Dheeraj Sharma, KartikAwasthi, Nazish Ahmad Shamsi	Pages 585-594, April 2019	2019	Lecture Notes in Mechanical Engineering (Advances in Fluid and Thermal Engineering)	https://www.springerprofessional.de/en/power-management-and-energy-optimization-in-hybrid-electric-vehi/16890500
63	CST	Dr. Vinay Kumar Jain	AnuragRawal, GauravChhikara, Hitesh Khanna	Cryptography: Symmetric vs Asymmetric Encryption	GaganjotKaur, AnuragRawal, GauravChhikara, Hitesh Khanna	Vol. 4, Issue 1, Page no. 31-38, March 2019	2019	Journal of Analog and Digital Communications	https://zenodo.org/record/2606230
64	Mechanical	Dr. Anil Kumar Singh Bankoti	Rahul Sharma, Sumit Kumar Shaw, Somesh S, Mukul Bhatia	Prediction of Universal Joint Behaviour under Small axial Loading using FEM	Rahul Sharma, Sumit Kumar Shaw, Somesh S, Mukul Bhatia, Joginder Singh, Jai Prakash Sharma	Vol.12, Issue-9, Pages 1-7, March 2019	2019	Indian Journal of Science and Technology	https://indjst.org/articles/prediction-of-universal-joint-behavior-under-small-axial-loading-using-fem
65	Mechanical	Dr. Anil Kumar Singh Bankoti	Gurpreet Singh, Ravi Dutt Sharma	Design, Analysis and Manufacturing of Front Sprocket from Carbon Fiber Reinforced	Joginder Singh, M.R. Tyagi, Gurpreet Singh, Ravi Dutt Sharma	1240 (2019) 012071, 1-10, February 2019	2019	Journal of Physics: Conference Series	https://iopscience.iop.org/article/10.1088/1742-6596/1240/1/01

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