

Manav Rachna 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	Law	-	Anurag Singh & Diya Sharma	The History, Need and Impact of Prevention of Money Laundering Act, 2002	Anurag Singh & Diya Sharma	Vol.VI, Issue-II, April 2024	2024	Indian Journal of Law and Legal Research	https://www.ijllr.com/post/the-history-need-and-impact-of-prevention-of-money-laundering-act-2002
2	Law	-	Guruansh Jagwani & Nakul Choudhary	Impact of Corruption on Economic Development	Guruansh Jagwani & Nakul Choudhary	Vol.VI, Issue-II, April 2024	2024	Indian Journal of Law and Legal Research	https://www.ijllr.com/post/impact-of-corruption-on-economic-development
3	Law	-	Bhavya Agrawal	Examining the Similarities and Differences Between the Prevention of Corruption Act, 1988 and Anti-	Bhavya Agrawal	Vol.VI, Issue-II, April 2024	2024	Indian Journal of Law and Legal Research	https://www.ijllr.com/post/examining-the-similarities-and-differences-

				Corruption Laws in United States and Singapore					between-the-prevention-of-corruption-act-1988-and-anti-c
4	Law	-	Shanul Singh & Sanjoli Sharma	Corruption and Importance of Public Participation in Preventing It	Shanul Singh & Sanjoli Sharma	Vol.VI, Issue-II, April 2024	2024	Indian Journal of Law and Legal Research	https://www.ijllr.com/post/corruption-and-importance-of-public-participation-in-preventing-it
5	Law	-	Shanul Singh	Indigenous Knowledge and Intellectual Property: Addressing Cultural Appropriation and Protection	Shanul Singh	Vol.VI, Issue-II, April 2024	2024	Indian Journal of Law and Legal Research	https://www.ijllr.com/post/indigenous-knowledge-and-intellectual-property-addressing-cultural-appropriation-and-protection

6	Law	-	Narayani Gupta, Tanya Yadav	Evaluating The Efficacy & Challenges of The Prevention of Corruption Act, 1988 in Combating Public Sector Corruption in India	Narayani Gupta, Tanya Yadav	Vol.11, Issue- 2, April 2024	2024	International Journal of Research & Analytical Reviews	https://irar.org/viewfull.php?&id=IJRAR24B2157
7	Law	-	Guruansh Jagwani	Digital Rights Managemen: Addressing Copyright Protection in the Digital Era	Guruansh Jagwani	Vol.2, Issue-7, March 2024	2024	International Journal of Legal Research and Analysis	https://www.ijlr.com/paper-details.php?isuu r=2739
8	Law	-	Nakul Kumar Choudhar y	Intellectual Property Rights and Ecommerce In India	Nakul Kumar Choudhar y	Vol.2, Issue-7, March 2024	2024	International Journal of Legal Research and Analysis	https://www.ijlr.com/paper-details.php?isuu r=2775
9	Education & Humanities	Akhilesh Kumar Dwivedi	Priya Sharma	English -The Most Emphasized Emerging Trend in Global Education System	Priya Sharma and Akhilesh Kumar Dwivedi	Vol.2, Issue-1, February 2024	2024	Viksit India	https://drive.google.com/file/d/1NLnh78jM2j7IPwFpBK0p6CO5Sf4K2J9G/view

10	CST	Dr. Yojna Arora	Chirag Varshney, Priyal Mittal & Mayank Bishra	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://acspublications.com/journals/index.php/ijircst/article/view/10242/9058
11	CST	Dr. Yojna Arora	Manya Sinha, Shivank Solanki, Sudeep Batra & Abhishek Tewatia	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://acspublications.com/journals/index.php/ijircst/article/view/10242/9058
12	Education & Humanities	-	Kajal Sharma, Sakshi Arora	Happiness Index with A Comparative Study on India and Finland	Kajal Sharma, Sakshi Arora	Vol 4, No. 6, Page No. 673-678 June 2023	2023	International Journal of Research Publication and Reviews	https://drive.google.com/file/d/1QaHdPF1bZtdNZQdRR8GsNxuaGCvJuwjd/view?usp=sharing

13	Education & Humanities	-	Priya Singla	Metacognition-As a tool in Classrooms	Priya Singla	Vol. 5, No.5, Page No. 1047-1049, May 2023	2023	International Journal of Research Publication and Reviews	https://drive.google.com/file/d/10tvAlbxxvPPy8DaPhyZeyuX_LWXI0qkB/view?usp=sharing
14	Education & Humanities	-	Avni Bhatia	Tracking and Tackling Second Language Verbal Anxiety in Hindi EFL Students	Avni Bhatia	Vol. 4, No. 5, Page No. 622-627 May 2023	2023	International Journal of Research Publication and Reviews	https://drive.google.com/file/d/13sUeSNDdlABQjc8LxcUf_2QHrxBt4yPE/view
15	Education & Humanities	-	Ishleen Kaur Bindra, Kajal Sharma & Sakshi Arora	Emotional Abuse in Shashi Deshpande's "That Long Silence"	Ishleen Kaur Bindra, Kajal Sharma & Sakshi Arora	Vol.11, Issue-IV, April 2023	2023	International Journal for Research in Applied Science & Engineering Technology	https://drive.google.com/file/d/1d5jDpnPY8acqfAq6SlUFsNQxShS86Bmw/view
16	Education & Humanities	-	Priya Singla	An Interstate Analysis of Seeing Like A Feminist (Nivedita Menon)	Priya Singla	Vol. 4, No. 4, Page No.5500-5501, April 2023	2023	International Journal of Research Publication and Reviews	https://drive.google.com/file/d/1_qYKL1Qic-0IGpz4GQOveyv8_1TaCZ0W/view?usp=sharing

17	Education & Humanities	-	Avni Bhatia	Interpretation of Gender Roles Projected in Children's Literature	Avni Bhatia	Vol. 5, Issue-4, Page No. 700-705, April 2023	2023	International Journal of Advances in Engineering and Management	https://drive.google.com/file/d/1KqONtmHdhtnURrdZ9lsUofyp9Ot2fjSm/view?usp=sharing
18	Education & Humanities	-	Deepali Kamal	Conflicts in Relationships with Respect to English Literature and Female Perspective	Deepali Kamal	Vol.11, Issue-IV Apr 2023	2023	International Journal for Research in Applied Science & Engineering Technology	https://drive.google.com/file/d/1thab0LqJLVhtrk1roYCYB13IqCb5Gyl/view
19	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/1IecHGZc6uHwzkBxwBKsxMtOWx1i-yctb/view
20	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/1ah9nTq3BuZHIBxshzrc8fFi_cTMMTOF/view

21	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/1CHNiN2v2PBkn6jNGkUqpqG-DNxXJfC_d/view
22	ECE	Dr. Shruti Vashist & Dr. Meenakshi Gupta	Aishvarj Gupta	Evolution of Blockchain: From BitcoinEthereum 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/1i_8aAKlLocdeBzWkKMM73mjI7VEKn7dv/view
23	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

24	Physics	Aditya Sharma	Tanisha Gautam, Anjali Sharma	XANES Investigation 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%20the%20regular%20hysteresis%20loop
25	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
26	Mechanical	-	Anshul Tripathi, Pritam Das, Tushar Aggarwa, 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
27	Mechanical	-	Anshul Tripathi, Pritam Das, Tushar Aggarwal,	Efficiency Enhancement of a Hybrid Vertical Axis Wind turbine by utilizing	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	Optimum Parameters	Sahil	June 2022			abs/pii/S221478532202555X
28	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
29	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/
30	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	https://www.ijaresm.com/impact-of-globaliz

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31	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.tsjournals.com/articles/water-quality-assessment-and-heavy-metal-detoxification-via-bioremediation-15665.html
32	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
33	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/2021/12/Kesha-v-Roy-2.pdf
34	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
35	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
36	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/2021/1201-1640169095.pdf
37	Law	Dr S.K Bose	Ruchi Bhardwaj	Refugee Laws in	Ruchi Bhardwaj	Vol.9 , Issue-12,	2021	Journal of Research in	https://www.wq

				India		Page No. 66-72, November 2021		Humanities and Social Science	estjournals.org/jrhss/papers/vol9-issue12/Ser-5/J09126672.pdf
38	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
39	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://scik.org/index.php/jmcs/article/view/5929
40	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://bharataganitaparadis.com/wp-content/uploads/2021/10/711-ch001.pdf
41	Sciences-Mathematics	Dr. Y.K. Sharma	Ashish Yadav & Anurag	Mathematical Modeling of Crops Production	Y K Sharma, AshishYadav and	Vol. 8. Issue 2(1), April to	2021	International Journal of Advance & Innovation	https://iaraedu.com/pdf/ijair-

			Vashishth	in India: Future Estimate	Anurag Vashishth	June 2021		Research	volume-8-issue-2-i-april-june-2021.pdf
42	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 Aparna Vyas	Vol.-VI Issue-V, May 2021	2021	International Journal of Technical Research & Science	https://ijtrs.com/uploaded_papers/IMAGE%20ENOISING%20USING%20HARD%20THRESHOLD%20TECHNIQUES%20ON%20WAVELET%20TRANSFORM%20AND%20SHEARLET%20TRANSFORM.pdf
43	Law (LLM)	-	Anup Menon	Interim Reliefs Through Courts In Arbitral Proceedings : Question of Territorial Jurisdiction	Anup Menon	May	2021	Legal Armor	Print Journal
44	Law (LLM)	-	Anup Menon	Why COVID-19 vaccines	Anup Menon	May	2021	The News Minute	https://www.thenewsminute.com

				should be free for everyone in India					inute.com/news/why-covid-19-vaccines-should-be-free-everyone-india-149201#:~:text=If%20the%20government%20aims%20to,Mohanram%20%26%20Associates%20Law%20Firm.
45	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
46	Mechanical	Mr. Mandeep Bhadana	Final yr students of Mechanical (8th Sem)	Design, Analysis, and Fabrication of an Electric	Prateek Mahapatra, Manan Aggarwal, Shivam Singh,	Vol.10, Issue-04, April 2021	2021	International Journal of Engineering Research & Technology (IJERT)	https://www.ijert.org/research/design-analysis

				Dune Buggy	Ritvik Manocha				-and-fabrication-of-an-electric-dune-buggy-IJERTV10IS040308.pdf
47	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
48	Law (LLM)	-	Avantika Singh	अधिकारियों का विभाजन	Avantika Singh	March 2021	2021	Star Samachar (Newspaper)	Print Journal
49	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/
50	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%20THRESHOLDING%20TECHNIQUE

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51	Chemistry	Dr. Megha Bansal	B.Sc. (H) Chemistry Batch 2018-2020	Determinati on of Sun Protection Factor of Vegetable and Fruit extracts using UV–Visible Spectroscop y: A Green Approach	Tanya Sharma, VinikaTyagi , Megha Bansal	Vol.18, Article No. 100347, December 2020	2020	Sustainable Chemistry and Pharmacy	https://www.sciencedirect.com/science/article/abs/pii/S2352554120305866
52	Sciences-Physics	Dr. Aditya Sharma	Himani Saraswat, Surekha Chaudhary	150 KeV Cu– ion-implantatio n in SrVO3 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

53	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
54	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
55	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
56	CST/ Mathematics	Dr. Ruchi Gupta	ChaviBaliyan, MansiMangla	Future Population and Literacy rate	Ruchi Gupta, Hardeokumar Thakur, ChaviBaliya	Vol. 83, Page No. 10128-10138,	2020	Test Engineering and Management	http://www.testmagine.biz/index.php/t

				Projection in India	n, MansiMangla	June 2020			estmagzine/article/view/9026/6881
57	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
58	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
59	Law	-	Priyanka Walter	International Court of Justice and State Consent	Priyanka Walter		2020	The L Word:insight of a law freak	Print Journal
60	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

61	Physics	Dr. Aditya Sharma	Himani Saraswat	Nano-structured phases of gallium oxide (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, MayoraVarshney, HimaniSaraswat, SurekhaChaudhary, Jai Parkash, Hyun-Joon Shin, Keun-HwaChae, Sung-Ok Won	Vol. 10, Issue-01, February 2020	2020	International Nano Letters	https://link.springer.com/article/10.1007/s40089-020-00295-w
62	Chemistry	Dr. Pradeep K. Varshney	KajalGautam & Monika Tanwar	Current trends and future perspectives in the recycling of spent lead acid batteries in India	Pradeep K. Varshney, KalpnaVarshney, KajalGautam, Monika Tanwar	Vol.26, Part 2, 2020, Pages 592-602, January 2020	2020	Materials Today Proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785319341793
63	Mathematics	Dr. Y.K. Sharma, Dr. Bhawna Mehta	Sachin	Mathematical 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 International Journal of Mathematical Sciences.	https://scholar.google.com/citations?view_op=view_citation&hl=en&user=8YHy7awAAAJ&citation_for_view=8YHy7awAAAJ:u-x6o8yS

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64	ECE	Dr. Mohit Verma	Rahul Yadav, Ayush Goel	A State-of-the-Art Study on Energy Harvesting Systems: Models and Issues	Rahul Yadav, AyushGoel, ShrutiVasith, 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
65	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/articles/intelligent-automatic-traffic-challan-on-highways-and-payment-through-fastag-card
66	ECE	Dr. Mohit Verma	Ayush Goyal, Madan Mohan Dhir,	Methodology of Exoskeleton with Actuation Methods and Discussion of Nerves sensing for	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/articles/methodology-of-exoskeleton-with-actuation-

				Exoskeleton					method-s-and-discussion-of-nerves-sensing-for-exoskeleton
67	Mechanical	Dr. Anil Kumar Singh Bankoti	S. Somesh, Sumit Kumar Shaw	A comprehensive review on LiBr-H ₂ O based solar powered vapour absorption refrigeration system	S. Somesh, Sumit Kumar Shaw, Piyush Mahendru	Pages 343-352, June 2019	2019	Lecture Notes in Mechanical Engineering	https://www.researchgate.net/publication/333522504_A_Comprehensive_Review_on_LiBr-H2O_Based_Solar-Powered_Vapour_Absorption_Refrigeration_System
68	Mechanical	Dr. Anil Kumar Singh Bankoti	Himanshu Garg, Kunal Singh, K. Aditya, Himanshu Gupta	Comparative Study of Sheet Metal and Carbon Fiber Reinforced Composites Ceiling Fan Blade	Joginder Singh, M.R. Tyagi, Himanshu Garg, Kunal Singh, K. Aditya, Himanshu Gupta	Pages 413-419, June 2019	2019	Lecture Notes in Mechanical Engineering	https://www.researchgate.net/publication/333526698_Comparative_Study_of_Sheet_Metal_and_Carbon_Fiber_Reinforced_C

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69	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
70	CST	Mr. Manoj Kumar	SahilSachdeva, AkshutaSachdeva, YashBakhsi	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, YashBakhsi, Manoj Kumar	Vol. 4, Issue 3, Page no. 1-15, May 2019	2019	Journal of optical communication electronics	https://zenodo.org/records/1451742
71	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	-
72	Mechanical	Dr. Ashish Selokar	HimanshuGarg, Karan Sehgal , Rahul	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-

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73	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/
74	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
75	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
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77	Physics	Dr. Haider Abbas & Dr. Deepti Maikhuri	Charu Sharma	Interaction and damage of nucleobase s of DNA and RNA caused by silicon nanoparticl e 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	Computational and Theoretical Chemistry	https://www.sciencedirect.com/science/article/abs/pii/S2210271X19300696

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82	Mechanical	Dr. Anil Kumar Singh Bankoti & Mr. Prashant Bhardwaj	Harpreet Singh, Himansh u Rawat, Mayank Sadhra	Cutting Tool Prognostic using Markov Model	Harpreet Singh, HimanshuR awat, Mayank Sadhra, Prashant Bharadwaj	Vol. 11, Issue- 45, Pages 1-4, December 2018	2018	Indian Journal of Science and Technology	https://indjst.org/article/s/cutting-tool-prognostic-using-markov-model
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84	CST	Dr. Sachin Kansal	Pawan Gupta, Shivam Kalia, VaibhavH ooda	Augmented Reality	Pawan Gupta, Shivam Kalia, Vaibhav Hooda, Gunjan Chandwani	Vol.3, Issue 3, Nov 2018	2018	Journal of Software Engineering & Software Testing	-
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