

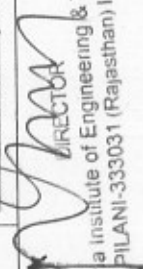


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3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list during the last five years.

2018-19							
S.NO	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
1	An inventory Model for Variable Holding Cost with Partial Backlogging and Constant Deteriorating under Selling Price Demand Rate	Dr. Vipin Kumar	AS&H	Journal of Applied Science & Computation	2018-19	1076-5131	DOI: 10.13140/RG.2.2.26 978.27843
2	Development of an Optimal Inventory Policy for Deteriorating Items with Stock Level and Selling Price Dependent Demand under Trade Credit.	Dr. Vipin Kumar	AS&H	International Journal of Applied Engineering Research	2018-19	0973-4562	https://www.ripublication.com/ijaer18/ijaer13n21_05.pdf
3	Water Quality Analysis of Alsisar Region of Jhunjhunu district (Rajasthan) India	Dr. Y. K. Gupta	AS&H	International Journal of Renewable Energy Exchange (RexJournal)	2018-19	23211067	DOI: 10.52711/0974- 4150.2022.00043
4	A Review Report on Active Methylene group in Malononitrile	Dr. Y. K. Gupta	AS&H	Asian Journal of Research in Chemistry	2018-19	9744169	DOI: 10.5958/0974- 4150.2018.00153.0
5	Production of Screencasts and Videos for a MOOC on Digital Electronics	Anagha Singh Vikas Kumar, Eddie Smigiel	Electrical Engineering	American Journal of Engineering Research (AJER)	2018-19	e-ISSN: 2320-0847 p-ISSN : 2320-0936	https://www.ajer.org/papers/Vol-7-issue-5/ZO0705346350.pdf
6	Industrial Appliance Monitoring System and Remote Data Acquisition with Self Monitoring	Vikas Kumar, Renu, Ritu, Rajani Pareek	Electrical Engineering	International Journal of Engineering Science Invention (IJESI)	2018-19	ISSN (Print): 2319 - 6726	http://www.ijesi.org/papers/Vol(7)I4/Ve rsion-6/D0704061620.pdf


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7	Door Security Using Face Detection and Raspberry Pi	V Bhutra, H Kumar, S Jangid, L Solanki	Electronics & Communication Engineering	IOP Publishing, Vol 331, 2018	2018-19	43009	DOI 10.1088/1757-899X/331/1/012011
8	Semantic Image Segmentation using Deep Convolutional Neural Networks and Super-Pixels	Santosh Jangid, P S Bhatnagar	Electronics & Communication Engineering	International Journal of Applied Engineering Research ISSN 0973-4562 Volume 13, Number 20 (2018) pp. 14657-14663	2018-19	ISSN 0973-4562, Volume 13, November 20 - 2018, pp.14657-14663	https://www.ripublication.com/ijaer18/ijaer13n20_26.pdf
9	Optical Nonlinear Image Encryption System using Optically Generated Biometric Phase Mask	Gaurav Verma, A. Sinha	Electronics & Communication Engineering	Proc. OSA, Imaging and Applied Optics Congress	2018-19		https://doi.org/10.1364/3D.2018.JTu4A.23
10	Classification of various Dataset for Intrusion Detection System	Mr. Nachiket Sainis	COMPUTER SCIENCE	International Journal of Emerging Technology and Advanced Engineering	2018-19	2250-2459	https://www.researchgate.net/publication/353330966_Classification_of_various_Dataset_for_Intrusion_Detection
11	Feature Classification and Outlier Detection to Increased Accuracy in Intrusion Detection System	Mr. Nachiket Sainis	COMPUTER SCIENCE	International Journal of Applied Engineering Research	2018-19	7249-7255	https://www.ripublication.com/ijaer18/ijaer13n10_02.pdf
12	EEG Signal Based System to Control Home Appliances	Mr. Gauttam Jangir	COMPUTER SCIENCE	International Journal for Research in Engineering Application & Management	2018-19	2454-9150	https://www.ijream.org/papers/IJREA
13	A Comparative Review on the Performance of Intrusion Detection Algorithms and Datasets in Networks Using Data Mining Techniques	Mr. Ramakant Soni	COMPUTER SCIENCE	International Journal of Computer Sciences and Engineering (UGC Journal no: 63193 [2018])	2018-19	23472693	https://doi.org/10.26438/ijcse/v6i3.327332

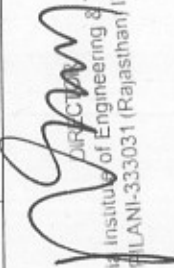
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14	Efficient and Robust System to Recognize Gestures of Hands	Gaurav Sahu, Dr. Sonam Mittal	Electronics & Communication Engineering	International Journal of Innovative Research in Science, Engineering and Technology	2018-19	Vol. 7 Issue 12	http://www.ijirset.com/upload/2018/december/13_Efficient.pdf
15	Smart Classroom – Application of Gesture Recognition	Dr. Sonam Mittal, Gaurav Sahu	Electronics & Communication Engineering	International Journal of Innovative Research in Science, Engineering and Technology	2018-19	Vol. 7 Issue 12	http://www.ijirset.com/upload/2018/december/14_SMART.pdf
2019-20							
1	An Inventory Policy for Deteriorating Items with Multivariable Demand with permissible Delay in Payment	Dr. Vipin Kumar	AS&H	Journal of Emerging Technologies & Innovative Research.	2019-20	2349-5162	https://www.jetir.org/papers/JETIR1906S35.pdf
2	Optimal Pricing & Ordering Policy for Non-Instantaneous Deteriorating Items with Price & Stock Dependent Demand & Partial Backlogging.	Dr. Vipin Kumar	AS&H	Journal of Mathematics IOSR	2019-20	2319-5728	https://www.iosrjournals.org/iosr-jm/papers/Vol15-issue6/Series-3/G1506036772.pdf
3	Physico-chemical Characteristics of Underground water quality of Udaipurwati tehsil of Jhunjhunu District, Rajasthan, India	Dr. Y. K. Gupta	AS&H	International Journal of Technology	2019-20	2231390X 22313915	DOI:10.5958/2231-3915.2019.00008.7
4	Synthesis and Antimicrobial Activity of Some New Azo Compounds.	Dr. Y. K. Gupta	AS&H	Research Journal of Pharmacy and Technology	2019-20	9762973	DOI: 10.5958/2321581X.2019.00027.8
5	Synthesis, Characterization and Antimicrobial Activities of Some New Amino-Pyrimidine Derivatives.	Dr. Y. K. Gupta	AS&H	Research Journal of Pharmacy and Technology	2019-20	09743618 0974360X	DOI: 10.5958/0974-360X.2019.00031.3


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6	Synthesis, Characterization and Antimicrobial Activities of Five and Six Member Cyclic Imides Derivatives.	Dr. Y. K. Gupta	AS&H	Research Journal of Science and Technology	2019-20	23492988 09754393	DOI: 10.5958/2349-2988.2019.00013.5
7	An optical asymmetric encryption scheme with biometric keys	Gaurav Verma, M. Liao, D. Lu, W. He, X. Peng, A. Sinha	Electronics & Communication Engineering	Optics and Lasers in Engineering	2019-20		https://doi.org/10.1016/j.optlaseng.2018.12.010
8	Optical transformation based biometric template protection scheme	Gaurav Verma, M. Liao, D. Lu, W. He, X. Peng	Electronics & Communication Engineering	International Workshop on Holography and related technologies	2019-20		https://doi.org/10.1016/j.s11042-023-14801-7
9	Visual Task Classification using Machine Learning Algorithms with the help Breakout Game	Mr. Gauttam Jangir	COMPUTER SCIENCE	International Journal for Research in Engineering Application & Management	2019-20	2454-9151	http://ijreamv.org/papers/IJREAMV0510250186.pdf https://www.researchgate.net/publication/333565519_VARIABLE_DEMAND_RATE_AND_SALE_S_REVENUE_COST_INVENTORY_MODEL_FOR_NON-INSTANTANEOUS_DECAYING_ITEMS_WITH_MAXIMUM_LIFE_TIME
10	Variable Demand Rate And Sales Revenue Cost Inventory Model For Non-Instantaneous Decaying Items With Maximum Life Time	Mr. Ramakant Soni	COMPUTER SCIENCE	International Journal of Engineering & Science Research	2019-20	2277-2685	
11	A Review on Offline Signature Verification using Artificial Neural Networks	Dr. Sonam Mittal	COMPUTER SCIENCE	International Journal of Scientific Research in	2019-20	2582-3930	https://ijsrem.com/volume-03-issue-12-december-2/

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12	Review of Intelligent Transportation System and Performance Improvement of Routing Protocols for Vehicular Adhoc Network – Vanets	Dr. Sonam Mittal	COMPUTER SCIENCE	Engineering and Management	2019-20	2321-9653	Not available
13	Twitter Real Time Data Analysis	Dr. Sonam Mittal	COMPUTER SCIENCE	International Journal of Research and Analytical Reviews	2019-20	2348-1269	Not available
14	WEB CONTROLLED GENERATOR AUTOMATION (WCGA)	Hirak Dipak Ghael, Parikshit Gandhi, Gaurav Sahu, Dr. L Solanki	Electronics & Communication Engineering	International Journal of Research and Analytical Reviews (IJRAR)	2019-20	Volume 6 Issue 2	Not available
15	Review of Intelligent Transportation System and Performance Improvement of Routing Protocols for Vehicular Ad-Hoc Networks (VANETs)	Gaurav Sahu, Sonam Mittal	Electronics & Communication Engineering	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2019-20	Volume 7 Issue V	Not available
16	Attendance system based on Fingerprint Using ARDUINO	Ayush Mahajan, Gaurav Sahu, Aditya Anand	Electronics & Communication Engineering	Journal of Emerging Technologies and Innovative Research (JETIR)	2019-20	Volume 6 Issue 6	Not available
2020-21							
1	An inventory Model for Deteriorating Items with Multivariate Demand & Trade Credit.	Dr. Vipin Kumar	AS&H	Advances in Mathematics: Scientific Journal	2020-21	1857-8365	https://doi.org/10.37418/amjs.9.9.97

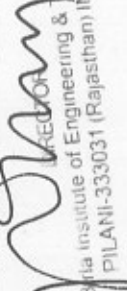

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2	Physico-chemical Evaluation of Water Quality Parameters of Chambal River in Kota, Rajasthan, India.	Dr. Y. K. Gupta	AS&H	Research Journal of Pharmacy and Technology	2020-21	09743618 0974360X	DOI: 10.5958/0974-360X.2020.00605.8
3	Image Segmentation Techniques: Review (Scopus Index)	Santosh Jangid	Electronics & Communication Engineering	Test Engineering & Management ISSN 0193-4120 pp 25176-25185	2020-21		https://www.testmagzine.biz/index.php/testmagzine/article/view/11938/9092
4	A novel optical two-factor face authentication scheme	Gaurav Verma, M. Liao, D. Lu, W. He, X. Peng	Electronics & Communication Engineering	Optics and Lasers in Engineering	2020-21		https://doi.org/10.1016/j.optlaseng.2019.06.028
5	Experimental optical secret sharing via an iterative phase retrieval algorithm	D. Lu, M. Liao, W. He, Q. Xing, G. Verma, X. Peng	Electronics & Communication Engineering	Optics and Lasers in Engineering	2020-21		https://doi.org/10.1016/j.optlaseng.2019.10.5904
6	Design and Analysis of Flexible Polyethylene-Terephthalate Substratepatch Antenna Using Printing Technique for Conformal Application	Rahul Runthala, R. K Thapliya, Bhupendra Sharma	Electronics & Communication Engineering	TEST Engineering & Management	2020-21		http://www.testmagzine.biz/index.php/testmagzine/article/view/2641/2330
7	Analysis of MEMS and Metamaterial Based Sensors and Its Involvement in Nanotechnology	Bhupendra Sharma, Shradha Gupta, Ashwani Yadav, Rahul Runthala	Electronics & Communication Engineering	Springer International Publishing	2020-21		https://link.springer.com/chapter/10.1007/978-3-030-39875-0_12
9	Data Analytics Business Intelligence Tools- A Comparative Study	Vipin Kumar Saraogi	COMPUTER SCIENCE	International Journal of Engineering & Science Research	2020-21	2277-2685	https://www.researchgate.net/publication/359413826_DATA_ANALYTICS_BUSINESS_INTELLIGENCE_TOOLS

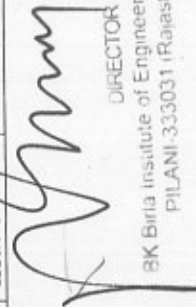

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								A_COMPARATIVE_STUDY
10	Saturating Inductor for High Voltage Switching	Krishna Kumar Saini, Praveen Kumar, B - J Lee, H. Rahaman Vivek Prakash Yadav, Praveen Kumar Sharma, Dr. L Solanki, Gaurav Sahu	Electronics & Communication Engineering	Our Heritage (ICCS-209)	2020-21	Volume 68, Issue 30,	https://www.technoarete.org/common_abstract/pdf/IJSEM/v6/i11/Ext_32951.pdf	
11	USE OF METAMATERIALS IN ANTENNA DESIGN: A REVIEW	Hirak Dipak Ghael, Dr. L Solanki, Gaurav Sahu	Electronics & Communication Engineering	Journal of Emerging Technologies and Innovative Research (JETIR) International Journal of Advances in Engineering and Management (IJAEEM)	2020-21	Volume 7 Issue 12	https://www.jetir.org/view?paper=JETIR2012212	
12	A Review Paper on Raspberry Pi and its Applications	Abhay Rastogi, Naman Dixit, Nikhil Gupta, Gaurav Sahu	Electronics & Communication Engineering	Our Heritage (ICCS-2019)	2020-21	Volume 2 Issue 12	DOI: 10.35629/5252-0212225227	
13	Fetal Heart Rate Classification using Random Forest Classifier	Aniruddh Bidalia, Gaurav Sahu	Electronics & Communication Engineering	Journal of Emerging Technologies and Innovative Research (JETIR)	2020-21	Volume 68 Issue 30	Not available	
14	A Review on Aerial Surveillance and Public Safety		Electronics & Communication Engineering	Our Heritage (ICCS-2019)	2020-21	Volume 7 Issue 6	Not available	


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2021-22						
15	Parameter Estimation and Comparative Analysis of Control Design Techniques for BLDC Hub Motor	Shivanand Pal, Akshit Patel, Aditya Mandar Jabade, Kartheek Miduthuru, Gaurav Sahu, BA Botre, Brijendra Kumar Verma SA Akbar	Electronics & Communication Engineering	2020 IEEE 17th India Council International Conference (INDICON)	2020-21	https://ieeexplore.ieee.org/document/9342289
1	An EOQ Model for Non-Instantaneous Deteriorating Items with Stock & Time Dependent Demand with Partial Backlogging.	Dr. Vipin Kumar	AS&H	International Journal of Applied Engineering Research	2021-22	https://www.ripublication.com/ijaer21/ijaerv16n3_07.pdf
2	An Inventory Model for Deteriorating Items with Stock Demand and Partial Backlogging.	Dr. Vipin Kumar	AS&H	International Journal for Research in Applied Science & Engineering Technology	2021-22	https://doi.org/10.22214/ijraset.2021.39265
3	An Inventory Model for Deteriorating Items with Demand Depends on Advertisement & Stock with Inflation	Dr. Vipin Kumar	AS&H	Vidyabharati International Interdisciplinary Research Journal	2021-22	Not available
4	optimization of thermal oxidation for 4H-SiC and fabricate/ characterize MOS Capacitor	Rajesh Singh Shekhawat et. Al	Electrical Engineering	IOP Publishing	2021-22	https://iopscience.iop.org/article/10.1088/1757-899X/11119/1/012014



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5	Optimization of a 4H-SiC Schottky diode using TCAD Software	Rajesh Singh Shekhawat	Electrical Engineering	Elsevier material Today	2021-22	https://www.sciencedirect.com/science/article/abs/pii/S221478532101899X
6	Securing multiple information using bio-chaotic keys	G. Verma, W. He, D. Lu, M. Lao, X. Peng, J. Healy, and J. Sheridan	Electronics & Communication Engineering	IEEE Photonics Journal	2021-22	https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9310264
7	ENABLE HIGH PERFORMANCE COMPUTING IN CLOUD: A REVIEW	Mr. Nachiket Sainis	COMPUTER SCIENCE	International Journal of Scientific Research	2021-22	Enable High Performance Computing In Cloud: A Review, IJSR - International Journal of Scientific Research (IJSR), IJSR World Wide Journals 2277 - 8179
8	Importance of Decision Making in Business Organization	Mr. Ramakant Soni	COMPUTER SCIENCE	Turkish Online Journal of Qualitative Inquiry	2021-22	https://www.tojqi.net/index.php/journal/article/view/8938 1309-6591
9	Enable High Performance Computing in Cloud: A Review.	Mrs. Reena Saini	COMPUTER SCIENCE	International Journal of Scientific Research	2021-22	Enable High Performance Computing In Cloud: A Review, IJSR - International Journal of Scientific Research 2277 - 8179


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							ch(IJSR), IJSR World WideJournals
10	Driver Drowsiness Detection System	Dr. Sonam Mittal	COMPUTER SCIENCE	International Journal of Research and Analytical Reviews	2021-22	2348-1269	Not available
11	Detecting Real-Time Driver Drowsiness	Dr. Sonam Mittal	COMPUTER SCIENCE	International Journal of Research and Analytical Reviews	2021-22	2348-1269	Not available
12	Review of Liver Disease Prediction Using Machine Learning Algorithm	Dr. Sonam Mittal	COMPUTER SCIENCE	Journal of Emerging Technologies and Innovative Research	2021-22	2349-5162	Not available
13	Zomato Restaurants Data Analysis Using Machine Learning Algorithms	Dr. Sonam Mittal	COMPUTER SCIENCE	Journal of Emerging Technologies and Innovative Research	2021-22	2349-5162	Not available
14	Zomato Restaurants Data Analysis Using Machine Learning Algorithms	Naved Choudhary, Vijay Panwar, Sonam Mittal, Gaurav Sahu	Electronics & Communication Engineering	Journal of Emerging Technologies and Innovative Research (JETIR)	2021-22	Volume 8 Issue 2	Not available
15	REVIEW OF LIVER DISEASE PREDICTION USING MACHINE LEARNING ALGORITHM	Vijay Panwar, Naved Choudhary, Sonam Mittal, Gaurav Sahu	Electronics & Communication Engineering	Journal of Emerging Technologies and Innovative Research (JETIR)	2021-22	Volume 8 Issue 2	Not available

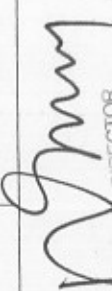

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16	Driver Drowsiness Detection System	Deepika Saini, Sonam Mittal, Rakesh Saini, Gaurav Sahu	Electronics & Communication Engineering	International Journal of Research and Analytical Reviews (IJRAR)	2021-22	Volume 8 Issue 1	Not available
17	Detecting Real-Time Driver Drowsiness	Deepika Saini, Sonam Mittal, Rakesh Saini, Gaurav Sahu	Electronics & Communication Engineering	International Journal of Research and Analytical Reviews (IJRAR)	2021-22	Volume 8 Issue 1	Not available
18	REVIEW PAPER ON TWITTER SENTIMENT ANALYSIS USING MACHINE LEARNING	Vijay Panwar, Naved Choudhary, Sonam Mittal, Gaurav Sahu	Electronics & Communication Engineering	Journal of Huazhong University of Science and Technology	2021-22	Volume 50 Issue 3	Not available
2022-23							
1	A two warehouse inventory model for deteriorating Items with Multivariate demand and backlogging.	Dr. Vipin Kumar	AS&H	GANITHA	2022-23	23492988 09754393	DOI: 10.52711/2349- 2988.2022.00014
2	Physico- Chemical Assessment of Tube wells Water Quality of Piliari Town District Jhunjhunu, Rajasthan, India.	Dr. Y. K. Gupta	AS&H	Research Journal of Science and Technology	2022-23		


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3	Physico-Chemical Assessment of water quality of Mandawa Town and Its Surrounding Area of Jhunjhunu District (Rajasthan)	Dr. Y. K. Gupta	AS&H	Research Journal of Pharmacy and Technology	2022-23	9762973	UGC LISTED NO: 10452
4	Water Quality Analysis of Alsisar Town and its Surrounding Area of Jhunjhunu District (Rajasthan)	Dr. Y. K. Gupta	AS&H	Asian Journal of Research in Chemistry	2022-23	9744169	DOI: 10.52711/0974-4150.2022.00043
5	Physico-Chemical Studies of Ground Water Quality of Chirawa, Buhana and Surajgarh Tehsil of Jhunjhunu District, Rajasthan (With Special Reference to Fluoride)	Dr. Y. K. Gupta	AS&H	Research Journal of Pharmacy and Technology	2022-23	09743618 0974360X	DOI: 10.52711/0974-360X.2022.00306
6	Analysis of Water Quality by Physico-Chemical Parameters of Jhunjhunu City, Rajasthan.	Dr. Y. K. Gupta	AS&H	Research Journal of Pharmacy and Technology	2022-23	09743618 0974360X	DOI: 10.52711/0974-360X.2022.00343
7	"Deterministic Robust Planning and Probabilistic Techno-Economic Assessment of a Sector Coupled Community Energy System"	Nishant Kumar, Kumari Namrata and Akshit Samadhiya,	Electrical Engineering	Advance Theory and Simulation	2022-23	Online ISSN: 2513-0390	https://doi.org/10.1002/adts.202100639
8	A Bi-level decision making in technoeconomic planning and probabilistic analysis of community-based sector-coupled energy system.	Nishant Kumar, Kumari Namrata and Akshit Samadhiya,	Electrical Engineering	Applied Intelligence	2022-23	Electronic ISSN 1573-7497 Print ISSN 0924-669X	https://doi.org/10.1007/s10489-022-03794-9
9	An Experimental Performance Evaluation and Management of a Dual Energy Storage System in a Solar Based Hybrid Microgrid	Akshit Samadhiya, Kumari Namrata and Nishant Kumar	Electrical Engineering	Arabian Journal for Science and Engineering	2022-23	Electronic ISSN 2191-4281 Print ISSN 2193-567X	https://doi.org/10.1007/s13369-022-07023-w

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10	Performance Comparison of Solar Photovoltaic Array under Partial Shading Conditions with Puzzle-Based Reconfigurations.	Navneet, Neha Khurana, Smita Pareek	Electrical Engineering	Applied Solar Energy (19349424) 58 (3)	2022-23	19349424	https://link.springer.com/article/10.3103/S0003701X22030124
11	Addressing the partial shading effects on solar photovoltaic array by reconfiguration	Navneet, Neha Khurana, Smita Pareek	Electrical Engineering	International Journal of Renewable Energy Technology, Publisher: Inderscience Publishers (IJEL)	2022-23	ISSN: 1757-3971	https://doi.org/10.1504/IJRET.2022.122118
14	Cryptographic Hybrid Model-An advancement in Cloud Computing Security: A survey	Mr. Nachiket Sainis	COMPUTER SCIENCE	International Journal of Engineering Research & Technology (IJERT)	2022-23	2278-0181	DOI : 10.17577/IJERTV11IS060145
15	Cryptographic Hybrid Model-An advancement in Cloud Computing Security: A survey	Mrs. Reena Saini	COMPUTER SCIENCE	International Journal of Engineering Research & Technology (IJERT)	2022-23	2278-0181	DOI : 10.17577/IJERTV11IS060145
16	AI-based big data analytics model for medical applications	Dr. Sonam Mittal	COMPUTER SCIENCE	Measurement Sensors	2022-23		https://doi.org/10.1016/j.measen.2022.100534
16	Techno socio-economic analysis and stratified assessment of hybrid renewable energy systems for electrification of rural community	Nishant Kumar, Kumari Namrata and Akshit Samadhiya,	Electrical Engineering	Sustainable Energy Technologies and Assessments	2022-23	2213-1388	doi - https://doi.org/10.1016/j.measen.2022.100534
17	Solar Irradiance Prediction Using an Optimized Data Driven Machine Learning Models	Kumari Namrata, Mantosh Kumar, and Nishant Kumar	Electrical Engineering	Journal of Grid Computing	2022-23	Electronic ISSN 1572-9184 Print ISSN 1570-7873	https://doi.org/10.1007/s10723-023-09668-9
18							


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19	"Data-Driven Hyperparameter Optimized Extreme Gradient Boosting Machine Learning Model for Solar Radiation Forecasting"	Kumari Namrata, Mantosh Kumar, and Nishant Kumar	Electrical Engineering	Advances in Electrical and Electronic Engineering	2022-23	ISSN 1336-1376 (Print) ISSN 1804-3119 (Online)	DOI: 10.115598/aece.v20i4.4650
20	Robust reconfiguration strategies for maximum output power from large-scale photovoltaic arrays under partial shading conditions	Mona Sharma, Smita Pareek, Kulwant Singh	Electrical Engineering	Physica Scripta 98 (3), 035215	2022-23	35215	DOI 10.1088/1402-4896/acb112
21	GENERATION OF ELECTRICITY FROM TRANSPARENT FLEXIBLE SOLAR CELL USING PHOTOVOLTAIC EFFECT	Nilesh Kumar, Vino Kumar, Vikas Kumar	Electrical Engineering	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS	2022-23	ISSN : 2320-2882	https://ijcrt.org/papers/IJCRT2305407.pdf
22	SOLAR PANEL PROBLEM OF HOTSPOT AND DETECTION AND THEIR POSSIBLE SOLUTION" in INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS	Jatin Swami, Vikas Kumar	Electrical Engineering	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS	2022-23	ISSN 2320-2882	https://ijcrt.org/papers/IJCRT23A5037.pdf

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