

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		Is it listed in UGC Care list/Scopus/Web of Science/other, mention
							Link to website of the Journal	Link to article/paper/abstract of the article	
1	A review on weight initialization strategies for neural networks	Dr. Mukul S Sutaone	E & TC	Artificial intelligence review	2022	1573-7462	https://www.springer.com/journal/10462	https://doi.org/10.1007/s10462-021-10033-z	Yes
2	Optimal performance of resource allocation in LTE-A for heterogeneous cellular network	Dr. Mukul S Sutaone	E & TC	Wireless Networks	2021	1572-8196	https://www.springer.com/journal/11276	https://link.springer.com/article/10.1007/s11276-021-02635-w	Yes
3	Performance prediction of electromagnetic band gap structure for microstrip antenna using FDTD-PBC unit cell analysis and Taguchi's multi-objective optimization method	Dr. Mukul S Sutaone	E & TC	Microelectronic Engineering	2020	0167-9317	https://www.sciencedirect.com/journal/microelectronic-engineering	https://www.sciencedirect.com/science/article/pii/S0167931719303120	Yes
4	Improved motion estimation algorithm based on integrity index and its implementation in x265	Dr. Mukul S Sutaone	E & TC	International Journal of Computer Aided Engineering and Technology	2020	1757-2657	https://www.inderscience.com/home.php?code=ijscaet	https://www.inderscienceonline.com/doi/abs/10.1504/IJCAET.2020.106248	Yes
5	Performance enhancement of advanced recycling folded cascode operational transconductance amplifier using an unbalanced biased input stage	Dr. Mukul S Sutaone	E & TC	Integration	2019	0167-9260	https://www.journals.elsevier.com/integration	https://www.sciencedirect.com/science/article/abs/pii/S0167926018305558	Yes
6	Transconductance enhancement of a low voltage low power recycling folded cascode OTA using an asymmetrical current split input stage	Dr. Mukul S Sutaone	E & TC	Microelectronics Journal	2019	0026-2692	https://www.sciencedirect.com/journal/microelectronics-journal	https://www.sciencedirect.com/science/article/abs/pii/S0026269219300795	Yes
7	A technique to enhance the transconductance of micro-power improved recycling folded cascode operational transconductance amplifier with reasonable phase margin	Dr. Mukul S Sutaone	E & TC	AEU-International Journal of Electronics and Communications	2019	1434-8411	https://www.journals.elsevier.com/aeu-international-journal-of-electronics-and-communications	https://www.sciencedirect.com/science/article/abs/pii/S143484111930425X	Yes
8	Design and implementation of defected ground surface with modified co-planar waveguide transmission line	Dr. Mukul S Sutaone	E & TC	SN Applied Sciences	2019	2523-3971	https://www.springer.com/journal/42452	https://link.springer.com/article/10.1007/s42452-019-0245-6	Yes
9	Accelerating motion estimation by genetic algorithm approach in x265	Dr. Mukul S Sutaone	E & TC	Journal of Electronic Imaging	2018	1017-9909	https://www.spiedigitallibrary.org/journals/journal-of-electronic-imaging	https://www.spiedigitallibrary.org/journals/journal-of-electronic-imaging/volume-28/issue-2/1017-9909/10.1117/1.5270001	Yes
10	Stable Cluster Based Data Gathering and Congestion Control Protocol for Mobile Wireless Sensor Networks	Dr. Mukul S Sutaone	E & TC	Journal of Computational and Theoretical Nanoscience	2018	1546-1963	https://www.ingentaconnect.com/content/asp/jctn;jsessionid=3c0n05599508ni_xic-	https://www.ingentaconnect.com/contentone/asp/jctn/2018/00000015/00000001/art0001	Yes
11	Identification of Ragas in Hindustani Classical Music Using Aaroha and Avaroha	Dr. Mukul S Sutaone	E & TC	International Journals of Advanced Research in Computer Science and Software Engineering	2017	0976-5657	http://www.ijarcs.info/index.php/ijarcs	http://www.ijarcs.info/index.php/ijarcs/10.23956/ijarcsse/V7I6/0335	Yes
12	Cluster Based Fault Detection and Recovery in Mobile Wireless Sensor Networks	Dr. Mukul S Sutaone	E & TC	International Journal of Engineering and Management Research (IJEMR)	2016	2250-0758	https://indianjournals.com/IIOR.aspx?target=ijor:ijemr&type=home	https://indianjournals.com/IIOR.aspx?target=ijor:ijemr&volume=6&issue=2&article=118	Yes
13	Adversarial synthesis based data-augmentation for code-switched spoken language identification	Dr. Shrinivas P. Mahajan	E & TC	arXiv preprint arXiv:2205.15747	2022		https://arxiv.org/pdf/2205.15747.pdf	https://arxiv.org/abs/2205.15747	Yes
14	Automated Dual-Channel Speech Enhancement using Adaptive Coherence Function with Optimised Discrete Wavelet Transform	Dr. Shrinivas P. Mahajan	E & TC	Journal of Information & Knowledge Management	2022	1793-6926	https://www.worldscientific.com/worldscinet/jikm	https://www.worldscientific.com/doi/abs/10.1142/S021964922250037X	Yes
15	A Compact Reconfigurable Antenna for UWB and Cognitive Radio Applications	Dr. Shrinivas P. Mahajan	E & TC	Wireless Personal Communications	2022	0929-6212	https://www.springer.com/journal/11277	https://link.springer.com/article/10.1007/s11277-022-09729-4	Yes
16	Adaptive recurrent nonnegative matrix factorization with phase compensation for Single-Channel speech enhancement	Dr. Shrinivas P. Mahajan	E & TC	Multimedia Tools and Applications	2022	1573-7721	https://www.springer.com/journal/11042	https://link.springer.com/article/10.1007/s11042-022-12858-4	Yes
17	Harmonium note and triad music transcription using neural networks	Dr. Shrinivas P. Mahajan	E & TC	International Journal of Nonlinear Analysis and Applications	2021	2008-6822	https://ijnaa.semnan.ac.ir/	https://ijnaa.semnan.ac.ir/article/6040.html	Yes
18	Hanran: Harmonium Note Recogniton Using Artificial Neural Networks	Dr. Shrinivas P. Mahajan	E & TC	Solid State Technology	2020	0038-111	http://www.solidstatetechnology.us/index.php/JSST	http://solidstatetechnology.us/index.php/JSST/article/view/6498	Yes
19	Design and Parametric Analysis of Pentaband Meander Line Antenna for Mobile Handset Applications	Dr. Shrinivas P. Mahajan	E & TC	International Journal of Electronics and Communication Engineering	2020	0974-2166	https://www.ripublication.com/irph/ijece.htm	https://publications.waset.org/10011343/design-and-parametric-analysis-of-pentaband-meander-line-antenna-for-mobile-handset-applications	Yes
20	High gain circularly polarized pentagonal microstrip for massive MIMO base station	Dr. Shrinivas P. Mahajan	E & TC	Advanced Electromagnetics	2019	2119-0275	https://aemjournal.org/index.php/AEM/issue/view/33	https://www.aemjournal.metacconferences.org/index.php/AEM/article/view/764	Yes
21	Circularly polarized 4x4 MIMO antenna for WLAN applications	Dr. Shrinivas P. Mahajan	E & TC	Electromagnetics	2019		https://www.tandfonline.com/toc/uemg20/39/5	https://doi.org/10.1080/02726343.2019.1619277	Yes
22	High gain dual-polarised pentagonal microstrip antenna for wireless communications	Dr. Shrinivas P. Mahajan	E & TC	International Journal of Ultra Wideband Communications and Systems	2019	1758-7298	https://www.inderscienceonline.com/doi/epdf/10.1504/IJUBCS.2019.101177	https://www.inderscienceonline.com/doi/abs/10.1504/IJUBCS.2019.101177	Yes

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23	Implementation of Spectrum Sensing Techniques Using GNU Radio and Universal Software Radio Peripheral	Dr. Shrinivas P. Mahajan	E & TC	Wireless Communication	2018				Yes
24	Recon UWB antenna for cognitive radio	Dr. Shrinivas P. Mahajan	E & TC	Progress In Electromagnetics Research C	2017	1937-8718	https://hi.booksc.me/journal/20227	https://www.jpier.org/PIERC/pier.php?paper=17070306	Yes
25	Simulations and tests of prototype antenna system for Low Frequency Radio Experiment (LORE) space payload for space weather observations	Dr. Shrinivas P. Mahajan	E & TC	IOP Conference Series: Materials Science and Engineering	2016	2159-3450	https://ieeexplore.ieee.org/xpl/conhome/7838019/proceeding	https://ieeexplore.ieee.org/abstract/document/7848223	Yes
26	Low Frequency Radio Experiment (LORE)	Dr. Shrinivas P. Mahajan	E & TC	IOP Conference Series: Materials Science and Engineering	2016	1757-8981	https://iopscience.iop.org/journal/1757-899X	https://iopscience.iop.org/article/10.1088/1757-899X/120/1/012014/meta	Yes
27	A Review on Frequency Reconfigurable Circular MicrostripPatch Antennas	Dr. Shrinivas P. Mahajan	E & TC	International Journal of Engineering Research & Technology (IJERT)	2016	2278-0181	https://d1wqtxts1xzle7.cloudfront.net/62496847/a-review-on-frequency-	https://d1wqtxts1xzle7.cloudfront.net/62496847/a-review-on-frequency-	Yes
28	Transmission State Prediction from MAC in Cognitive Radio via Optimized Deep Learning Architecture	Dr. R. A. Patil	E & TC	International Journal of Pattern Recognition and Artificial Intelligence	2021	1793-6381	https://www.worldscientific.com/toc/ijprai/35/01	https://www.worldscientific.com/doi/abs/10.1142/S0218001421520121	Yes
29	Optimal performance of resource allocation in LTE-A for heterogeneous cellular network	Dr. R. A. Patil	E & TC	Wireless Networks	2021	1572-8196	https://www.springer.com/journal/11276	https://link.springer.com/article/10.1007/s11276-021-02635-w	Yes
30	Improvement in the performance of mobile/hidden secondary users in multi-user CRN	Dr. R. A. Patil	E & TC	IET Communications	2020	1751-8636	https://digital-library.theiet.org/content/journals/iet-com/14/18	https://ietresearch.onlinelibrary.wiley.com/doi/full/10.1049/iet-com.2019.1274	Yes
31	TAD-HOC routing protocol for efficient VANET and infrastructure-oriented communication network	Dr. R. A. Patil	E & TC	Journal of Engineering	2020	2314-4912	https://www.hindawi.com/journals/je/about/	https://www.hindawi.com/journals/je/2020/8505280/	Yes
32	Performance Analysis and Improving Connectivity using Quality of Service-aware Routing Algorithm in Vehicular Network	Dr. R. A. Patil	E & TC	International Journal of Advanced Trends in computer science and Engineering	2020	2278-3091	https://www.warse.org/IJAT-CSE/	https://www.researchgate.net/profile/Nvk-Ramesh-2/publication/344593183_ijatr	Yes
33	Quantitative Analysis of Radio Frequency Spectrum Occupancy for Cognitive Radio Network Deployment	Dr. R. A. Patil	E & TC	Lecture Notes in Networks and Systems book series (LNNS, volume 98)	2019	2367-3389	https://www.springer.com/series/15179	https://link.springer.com/chapter/10.1007/978-3-030-33846-6_92	Yes
34	A reliable Co-operative decision-making technique for the improvement in the performance of multi-user CRN using coalition game theory	Dr. R. A. Patil	E & TC	IETE Journal of Research	2019		https://www.tandfonline.com/journals/tijr20	https://doi.org/10.1080/03772063.2019.1644975	Yes
35	Architectural considerations for next generation IoT processors	Dr. R. A. Patil	E & TC	IEEE Systems Journal	2019	1937-9234	https://ieeexplore.ieee.org/document/9032391	https://ieeexplore.ieee.org/abstract/document/8611387	Yes
36	Prediction of Human Facial Expression using Deep Learning	Dr. R. A. Patil	E & TC	International Research Journal of Engineering and Technology (IRJET)	2019	2395-0056	https://www.irjet.net/	https://d1wqtxts1xzle7.cloudfront.net/61724100/IRJET-V6I1229020200108-30713-	Yes
37	An Efficient AODV Routing Protocol for Vehicular Ad hoc Network	Dr. R. A. Patil	E & TC	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	: 2278-3075	https://www.ijitee.org/		Yes
38	Modified Iterative Decoding Algorithm for Polar Code Using Maximum Likelihood Estimation	Dr. R. A. Patil	E & TC	Wireless Personal Communications	2018	1572-834X	https://link.springer.com/journal/11277/volumes-and-issues/98-2?page=1	https://link.springer.com/article/10.1007/s11277-017-4947-z	Yes
39	Anomaly Detection using Machine Learning Techniques	Dr. R. A. Patil	E & TC	International Journal of Electronics, Electrical and Computational System	2017	2347-2820	http://www.irdindia.in/journal_ajieecs/		Yes
40	Dynamic Routing Protocols for Vehicular Ad-hoc Network A Survey	Dr. R. A. Patil	E & TC	IJECE SCOPUS	2017	2088-8708	http://ijece.iaescore.com/index.php/IJECE/issue/archive?issuesPage=7		Yes
41	Design & Testing Of Semi-Automatic Vibration Absorber	Dr. R. A. Patil	E & TC	International Research Journal of Engineering and Technology (IRJET)	2017	2395 -0056	https://www.irjet.net/	https://d1wqtxts1xzle7.cloudfront.net/51501095/Published-V4I3690-	Yes
42	Dynamic Routing Protocols for Vehicular Ad-hoc Network A Survey	Dr. R. A. Patil	E & TC	IJECE SCOPUS	2017	2088-8708	http://ijece.iaescore.com/index.php/IJECE/issue/archive?issuesPage=7		Yes
43	Mechanism of Electronic Delay Device for Detonator	Dr. R. A. Patil	E & TC	International Journal of Innovative Research in Science, Engineering and Technology, May 2016	2016	2319-8753	https://www.iomcworld.org/innovative-research-science-engineering-technology.html	https://d1wqtxts1xzle7.cloudfront.net/51501095/Published-Research-Paper-with-cover-	Yes
44	Interactive Response System (IRS) with Text & Call Support in Contact Center Application	Dr. R. A. Patil	E & TC	International Journal of Advanced Research in Computer Engineering & Technology (IJARCET)	2016	2278-1323	https://journals.indexcopernicus.com/search/details?id=34313		Yes

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							Link to website of the Journal	Link to article/paper/abstract of the article	
67	Wideband Microstrip antenna for detection of solvents in water	Dr. V. S. Vyas	E & TC	Authorea Preprints	2020		https://www.authorea.com/preprints	https://www.authorea.com/doi/full/10.22541/au.158074495.51019801	Yes
68	Performance prediction of electromagnetic band gap structure for microstrip antenna using FDTD-PBC unit cell analysis and Taguchi's multi-objective optimization method	Dr. V. S. Vyas	E & TC	Microelectronic Engineering	2020	0167-9317	https://www.sciencedirect.com/journal/microelectronic-engineering	https://www.sciencedirect.com/science/article/abs/pii/S0167931719303120	Yes
69	Verification, enhancement and mathematical analysis of EBG structure using complex geometrical shapes and eigenmode analysis approach	Dr. V. S. Vyas	E & TC	SN Applied Sciences	2020	2523-3971	https://www.springer.com/journal/42452	https://link.springer.com/article/10.1007/s42452-019-1813-5	Yes
70	Dynamic texture segmentation approaches for natural and manmade cases: survey and experimentation	Dr. V. S. Vyas	E & TC	Archives of Computational Methods in Engineering	2020	1886-1784	https://www.springer.com/journal/11831	https://link.springer.com/article/10.1007/s11831-018-09305-9	Yes
71	Performance enhancement of advanced recycling folded cascode operational transconductance amplifier using an unbalanced biased input stage	Dr. V. S. Vyas	E & TC	Integration	2019	0167-9260	https://www.journals.elsevier.com/integration	https://www.sciencedirect.com/science/article/abs/pii/S0167926018305558	Yes
72	Transconductance enhancement of a low voltage low power recycling folded cascode OTA using an asymmetrical current split input stage	Dr. V. S. Vyas	E & TC	Microelectronics Journal	2019	0026-2692	https://www.sciencedirect.com/journal/microelectronics-journal	https://www.sciencedirect.com/science/article/abs/pii/S0026269219300795	Yes
73	A technique to enhance the transconductance of micro-power improved recycling folded cascode operational transconductance amplifier with reasonable phase margin	Dr. V. S. Vyas	E & TC	AEU-International Journal of Electronics and Communications	2019	1434-8411	https://www.journals.elsevier.com/aeu-international-journal-of-electronics-and-communications	https://www.sciencedirect.com/science/article/abs/pii/S143484111930425X	Yes
74	Cross domain association using transfer subspace learning	Dr. V. S. Vyas	E & TC	Evolutionary Intelligence	2019	1864-5917	https://www.springer.com/journal/12065	https://link.springer.com/article/10.1007/s12065-019-00211-y	Yes
75	Design and implementation of defected ground surface with modified co-planar waveguide transmission line	Dr. V. S. Vyas	E & TC	SN Applied Sciences	2019	2523-3971	https://www.springer.com/journal/42452	https://link.springer.com/article/10.1007/s42452-019-0245-6	Yes
76	Iterative improved learning algorithm for petrographic image classification accuracy enhancement	Dr. V. S. Vyas	E & TC	International Journal of Electrical and Computer Engineering	2019	2088-870	http://ijece.iaescore.com/index.php/IJECE	https://dlwqbtstx1z1e7.cloudflare.net/63905244/32_14Aug18_4Jun17_7438_IJECE_revise	Yes
77	Component-based face recognition under transfer learning for forensic applications	Dr. V. S. Vyas	E & TC	Information Sciences	2019	0020-0255	https://www.journals.elsevier.com/information-sciences	https://www.sciencedirect.com/science/article/abs/pii/S002025518308119	Yes
78	Unified dynamic texture segmentation system based on local and global spatiotemporal techniques	Dr. V. S. Vyas	E & TC	International Journal of Reasoning-based Intelligent Systems	2019	1755-0564	https://www.inderscience.com/jhome.php?jcode=ijris	https://www.inderscienceonline.com/doi/abs/10.1504/IJRIIS.2019.099855	Yes
79	Wine Glass Shaped Microstrip Antenna with Woodpile Structure for Wireless Applications	Dr. V. S. Vyas	E & TC	Majlesi Journal of Electrical Engineering	2019	2345-3796	http://mjee.iaumajlesi.ac.ir/index/index.php/ee	http://mjee.iaumajlesi.ac.ir/index/index.php/ee/article/view/17767	Yes
80	Velocity and Orientation Detection of Dynamic Textures Using Integrated Algorithm.	Dr. V. S. Vyas	E & TC	International Journal of Image, Graphics & Signal Processing	2018	2074-9074	https://www.mecspress.org/ijigsp/	https://ij.mecspress.net/ijigsp/ijigsp-v10-n12/IJGSP-V10-N12-5.pdf	Yes
81	Study of Applications of Artificial Intelligence Algorithm for Analysis and Investigation of Hybrid Energy Systems to give Optimum Power Generation	Dr. V. S. Vyas	E & TC	IOP Conference Series: Earth and Environmental Science	2018	1755-1315	https://iopscience.iop.org/journal/1755-1315	https://iopscience.iop.org/article/10.1088/1755-1315/168/1/012004/meta	Yes
82	Three's a Crowd-An Extremely Rare Case of Cor Triatriatum Dexter.	Dr. V. S. Vyas	E & TC	The Journal of the Louisiana State Medical Society: Official Organ of the Louisiana State Medical	2017	246921	https://www.scimagor.com/journalsearch.php?q=17125&tin=sid&clean=0	https://europepmc.org/article/med/28414671	Yes
83	Transfer subspace learning model for face recognition at a distance	Dr. V. S. Vyas	E & TC	International Journal of Image, Graphics and Signal Processing	2017	2074-9082	https://www.mecspress.org/ijigsp/v9n9.html	https://www.researchgate.net/profile/Vibha-Vyas/publication/312473904	Yes
84	A novel training algorithm for convolutional neural network	Dr. V. S. Vyas	E & TC	Complex & Intelligent Systems	2017			https://link.springer.com/article/10.1007/s40747-016-0024-6	Yes
85	Performance prediction of electromagnetic band gap structure for microstrip antenna using FDTD-PBC unit cell analysis and Taguchi's multi-objective optimization method	Dr. V. S. Vyas	E & TC	Microelectronic Engineering	2020	0167-9317	https://www.sciencedirect.com/journal/microelectronic-engineering	https://www.sciencedirect.com/science/article/pii/S0167931719303120	Yes
86	Modelling and Development of Comb drive based RF MEMS switch for Nanosatellite Application	Ms. N. R. Kolhare	E & TC	International Journal for Research in Engineering Application & Management (IJREAM) ISSN :	2019	2454-9150	https://www.ijsrt.com/IJREAM_V05I04.html	http://ijream.org/papers/IJREAMV05I04S2095.pdf	Yes
87	Graphene Based Archimedean Spiral Antenna For Terahertz Frequency	Ms. N. R. Kolhare	E & TC	International Journal for Research in Engineering Application & Management (IJREAM)	2019	2454-9150	https://www.ijsrt.com/IJREAM_V05I04.html	http://ijream.org/papers/IJREAMV05I04S2102.pdf	Yes
88	DIGITAL LIQUID LEVEL METER USING ATMEGA328 MICROCONTROLLER	Ms. N. R. Kolhare	E & TC	INTERNATIONAL JOURNAL OF ENGINEERING SCIENCES & RESEARCH TECHNOLOGY	2017	2277-9655	http://www.ijesrt.com/	https://dlwqbtstx1z1e7.cloudflare.net/51390201/33-with-cover-page-	Yes

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111	Vehicle detection and traffic estimation with sensors technologies for intelligent transportation systems	Mr. Pankaj Tasgaonkar	E & TC	Sensing and Imaging	2020	1557-2072	https://www.springer.com/journal/11220	https://link.springer.com/article/10.1007/s11220-020-00295-2	Yes
112	Performance Simulation of a Traffic Sign Recognition based Neural Network on Cadence's Tensilica Vision P6 DSP using Xtensa Explorer IDF	Dr. V. S. Agarwal	E & TC	WSEAS TRANSACTIONS ON COMPUTER RESEARCH	2022	1991-8755	https://www.wseas.org/wseas/cms.action?id=13375	https://www.researchgate.net/publication/359485871_Performance_Simulation_of_a_Traffic_Sign_Recognition_Neural_Network	Yes
113	An optimized deep belief network for land Cover Classification of SAR images via Hybrid Optimized Model	Dr. Abhishek Bhatt	E & TC	The Computer Journal	2022	0010-4620	https://academic.oup.com/comjnl	Accepted	Yes
114	Fruit recognition from images using deep learning applications	Dr. Abhishek Bhatt	E & TC	Multimedia Tools and Applications	2022	1380-7501	https://www.springer.com/journal/11042	https://doi.org/10.1007/s11042-022-12868-2	Yes
115	Automated glaucoma detection from fundus images using wavelet-based denoising and machine learning	Dr. Abhishek Bhatt	E & TC	Concurrent Engineering	2022	1063-293X	https://journals.sagepub.com/home/ceer	https://doi.org/10.1177/1063293X211026620	Yes
116	iRetADS: An Intelligent Real-Time Anomaly Detection System for Cloud Communications Using Temporal Data Summarization and Neural Network	Dr. Abhishek Bhatt	E & TC	Security and Communication Networks	2022	1939-0122	https://www.hindawi.com/journals/scn/	https://doi.org/10.1155/2022/9149164	Yes
117	Analysis of the Fifth Generation NOMA System using LSTM Algorithm	Dr. Abhishek Bhatt	E & TC	International Journal of Computing and Digital Systems	2022	2210-142X	https://journal.uob.edu.bh/handle/123456789/12	https://journal.uob.edu.bh/443/handle/123456789/4582	Yes
118	Intelligent Gravitational Search Random Forest Algorithm for Fake News Detection	Dr. Abhishek Bhatt	E & TC	"International Journal of Modern Physics C"	2021	0129-1831	https://www.worldscientific.com/worldscinet/ijmpc	https://doi.org/10.1142/S012918312250084X	Yes
119	A Novel Hybrid Approach of Gravitational Search Algorithm and Decision Tree for Twitter Spammer Detection	Dr. Abhishek Bhatt	E & TC	"International Journal of Modern Physics C"	2021	0129-1831	https://www.worldscientific.com/worldscinet/ijmpc	https://doi.org/10.1142/S0129183122500607	Yes
120	Quantum-Inspired Meta-heuristic Algorithms with Deep Learning for the Facial Expression Recognition under Varying Yaw Angles	Dr. Abhishek Bhatt	E & TC	"International Journal of Modern Physics C"	2021	0129-1831	https://www.worldscientific.com/worldscinet/ijmpc	https://doi.org/10.1142/S0129183122500450	Yes
121	Novel Security technique based on controlled pixel based encryption of image blocks for sharing a secret Image	Dr. Abhishek Bhatt	E & TC	Wireless Personal Communication	2021	0929-6212	https://www.springer.com/journal/11277	https://doi.org/10.1007/s11277-021-08630-w	Yes
122	Modelling the relationship between land use/land cover and land surface temperature in Dhaka, Bangladesh using CA-ANN algorithm	Dr. Abhishek Bhatt	E & TC	Environmental Challenges	2021	2667-0100	https://www.journals.elsevier.com/environmental-challenges	https://doi.org/10.1016/j.envc.2021.100190	Yes
123	The operational Role of remote sensing in assessing and predicting land use/land cover and seasonal land surface using machine learning algorithms in Raishahi, Bangladesh	Dr. Abhishek Bhatt	E & TC	Applied Geomatics	2021	1866-9298	https://www.springer.com/journal/12518	https://doi.org/10.1007/s12518-021-00390-3	Yes
124	End to End secure e-voting using Blockchain and Quantum key distribution	Dr. Abhishek Bhatt	E & TC	Materials Today Proceedings	2019	2214-7853	https://www.journals.elsevier.com/materials-today-proceedings	https://doi.org/10.1016/j.matpr.2021.07.254	Yes
125	Image Classification of Various Pet Breeds using Transfer Learning Approach	Dr. Abhishek Bhatt	E & TC	Agrociencia Journal	2019	1405-3195	http://www.colopos.mx	https://doi.org/10.47163/AGROCIENCIA.V55I7.2478	Yes
126	Spectral indices based object oriented classification for change detection using satellite data	Dr. Abhishek Bhatt	E & TC	International Journal of System Assurance Engineering and Management	2018	0975-6809	https://www.springer.com/journal/13198	https://doi.org/10.1007/s13198-016-0458-7	Yes
127	TAD-HOC Routing Protocol for Efficient VANET and Infrastructure-Oriented Communication Network	Dr. Ranjit Sadakale	E & TC	Jornal of Engineering	2021	2314-4912	https://www.hindawi.com/journals/je/	https://doi.org/10.1155/2020/8505280	Yes
128	Performance Analysis of AODV Routing Protocol in VANET Using NS-2 and SUMO	Dr. Ranjit Sadakale	E & TC	Workshop on Computer Networks & Communications	2021				Yes
129	Performance Analysis and Improving Connectivity using Quality of Service-aware Routing Algorithm in Vehicular Network	Dr. Ranjit Sadakale	E & TC	International Journal of Advanced Trends in Computer Science and Engineering	2020	2278-3091	https://static/pdf/file/ijatcse196942020.pdf	https://doi.org/10.30534/ijatcse/2020/196942020	Yes
130	An efficient AODV routing protocol for vehicular Ad hoc network	Dr. Ranjit Sadakale	E & TC	International Journal of Innovative Technology and	2019	2278-3075		DOI:10.22266/ijites2021.0430.49	Yes
131	Performance Analysis of AODV Routing Protocol in VANET Using NS-2 and SUMO	Dr. Ranjit Sadakale	E & TC	WCNC-2021: Workshop on Computer Networks & Communications	2021	1613-0073	http://ceur-ws.org/Vol-2889/	http://ceur-ws.org/Vol-2889/PAPER_15.pdf	Yes
132	Secured Remote Keyless Entry And Vehicle Sharing System Applicable In Vehicles Using BLE And GSM Technology	Dr. Ranjit Sadakale	E & TC	INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH	2020	2277-8616	https://www.ijstr.org/		Yes

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133	Performance Analysis and Improving Connectivity using Quality of Service-aware Routing Algorithm in Vehicular Network	Dr. Ranjit Sadakale	E & TC	International Journal of Advanced Trends in Computer Science and Engineering	2020	2278-3091	https://www.warse.org/IJAT-CSE/	https://www.researchgate.net/profile/Nvk-Ramesh-2/publication/344593183_ijatr	Yes
134	TAD-HOC routing protocol for efficient VANET and infrastructure-oriented communication network	Dr. Ranjit Sadakale	E & TC	Journal of Engineering	2020	2314-4904	https://www.hindawi.com/journals/je/about/	https://www.hindawi.com/journals/je/2020/8505280/	Yes
135	Topology Based Routing Protocols in Vehicular Ad hoc Network	Dr. Ranjit Sadakale	E & TC	International Journal of Recent Technology and Engineering	2020	2277-3878	https://www.ijrte.org/	https://www.ijrte.org/portfolio-item/17556038620/	Yes
136	An efficient AODV routing protocol for vehicular Ad hoc network	Dr. Ranjit Sadakale	E & TC	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	2278-3075	https://www.ijitee.org/download/volume-8-issue-3/	https://www.researchgate.net/publication/331331162_An_efficient_AODV_routing_protocol	Yes
137	WIRELESS ARMY ROBOT CONTROLLED FOR BORDER SECURITY COMPARING	Dr. Ranjit Sadakale	E & TC	OAIJSE	2019	2456-3293	http://www.oaijse.com/Archive.aspx?VolumeID=5	http://www.oaijse.com/Abstract.aspx?ArticleID=269	Yes
138	Automatic E-Challan Generation For Traffic Violation	Dr. Ranjit Sadakale	E & TC	International Journal of Advance Engineering and Research Development	2017	2350-0328	http://www.ijarset.com/volume-4-issue-8-august-2017.html		Yes
139	Wideband microstrip antenna for the detection of solutes in water	Dr. R. C. Mahajan	E & TC	Engineering Reports	2021		https://onlinelibrary.wiley.com/journal/10.1002/eng2.12336	https://onlinelibrary.wiley.com/doi/full/10.1002/eng2.12336	Yes
140	Wideband Microstrip antenna for detection of solvents in water	Dr. R. C. Mahajan	E & TC	Engineering Reports	2020		Engineering Reports - Wiley Online Library		Yes
141	Performance prediction of electromagnetic band gap structure for microstrip antenna using FDTD-PBC unit cell analysis and Taguchi's multi-objective optimization method	Dr. R. C. Mahajan	E & TC	Microelectronic Engineering	2020	0167-9317	https://www.sciencedirect.com/journal/microelectronic-engineering	https://www.sciencedirect.com/science/article/pii/S0167931719303120	Yes
142	Verification, enhancement and mathematical analysis of EBG structure using complex geometrical shapes and eigenmode analysis approach	Dr. R. C. Mahajan	E & TC	SN Applied Sciences	2020		https://www.springer.com/journal/42452	https://link.springer.com/article/10.1007/s42452-019-1813-5	Yes
143	Design and implementation of defected ground surface with modified co-planar waveguide transmission line	Dr. R. C. Mahajan	E & TC	SN Applied Sciences	2019		https://www.springer.com/journal/42452	https://link.springer.com/article/10.1007/s42452-019-0245-6	Yes
144	Modified Unit Cell Analysis Approach for EBG Structure Analysis for Gap Width Study Effect	Dr. R. C. Mahajan	E & TC	Lecture Notes in Electrical Engineering	2019		https://www.springer.com/series/7818	https://link.springer.com/chapter/10.1007/978-981-13-7091-5_22	Yes
145	Wine glass shaped microstrip antenna with woodpile structure for wireless applications	Dr. R. C. Mahajan	E & TC	Majlesi Journal of Electrical Engineering	2019		http://mjee.iaumajlesi.ac.ir/index/index.php/ee/index	http://mjee.iaumajlesi.ac.ir/index/index.php/ee/article/view/2767	Yes
146	Experimental Review of Microstrip Antenna based Shapes of EBG Cells and Gap Width	Dr. R. C. Mahajan	E & TC	Journal of Advance Research in Dynamical & Control Systems	2018		https://www.jarcds.org/index.php	https://www.jarcds.org/backissues/abstract.php?archiveid=4891	Yes
147	An approach to extracting digital elevation model for undulating and hilly terrain using de-noised stereo images of Cartosat-1 sensor	Dr. P. P. Rege	E & TC	Applied Geomatics	2022		https://link.springer.com/journal/12518/volumes-and-issues/14-1	https://link.springer.com/article/10.1007/s12518-021-00412-0#rightslink	Yes
148	Landslide susceptibility mapping: an integrated approach using geographic information value, remote sensing, and weight of evidence method	Dr. P. P. Rege	E & TC	Geotechnical and Geological Engineering	2022		https://www.springer.com/journal/10706	https://link.springer.com/article/10.1007/s10706-022-02070-4#article-info	Yes
149	Landslide susceptibility mapping: an integrated approach using knowledge-based numerical rating scheme, remote sensing, and multine overlap analysis	Dr. P. P. Rege	E & TC	Journal of Applied Remote Sensing	2022		https://www.spiedigitallibrary.org/journals/journal-of-applied-remote-sensing	https://www.spiedigitallibrary.org/journals/journal-of-applied-remote-sensing	Yes
150	Machine Learning-Based Splicing Detection in Digital Audio Recordings for Audio Forensics	Dr. P. P. Rege	E & TC	Journal of the Audio Engineering Society	2021		https://www.aes.org/journal/online/JAES_V69/11/	https://www.aes.org/e-lib/browse.cfm?elib=21530	Yes
151	Multi-task Learning for pre-processing of printed Devanagari document images with hyper-parameter optimization of the deep architecture using Taguchi method	Dr. P. P. Rege	E & TC	Sādhanā	2021		https://www.springer.com/journal/12046	https://link.springer.com/article/10.1007/s12046-021-01664-7	Yes
152	Feature-based model for landslide susceptibility mapping using a multi-parametric decision-making technique and the analytic hierarchy process	Dr. P. P. Rege	E & TC	Sādhanā	2021		https://www.springer.com/journal/12046	https://link.springer.com/article/10.1007/s12046-021-01648-7	Yes
153	Application of Taguchi method to improve land use land cover classification using PCA-DWT-based SAR-multispectral image fusion	Dr. P. P. Rege	E & TC	Journal of Applied Remote Sensing	2021		https://www.spiedigitallibrary.org/journals/journal-of-applied-remote-sensing	https://www.spiedigitallibrary.org/journals/journal-of-applied-remote-sensing	Yes
154	Use of noise reduction filters on stereo images for improving the accuracy and quality of the digital elevation model	Dr. P. P. Rege	E & TC	Journal of Applied Remote Sensing	2021		https://www.spiedigitallibrary.org/journals/journal-of-applied-remote-sensing	https://www.spiedigitallibrary.org/journals/journal-of-applied-remote-sensing	Yes

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155	Human Activity Recognition Using Positioning Sensor and Deep Learning	Dr. P. P. Rege	E & TC	Advances in Signal and Data Processing: Select Proceedings of ICSDP 2019	2021		https://link.springer.com/book/10.1007/978-981-15-8391-9	https://link.springer.com/chapter/10.1007/978-981-15-8391-9_34	Yes
156	A comparative analysis of classifiers and feature sets for acoustic environment classification	Dr. P. P. Rege	E & TC	Journal of the Audio Engineering Society	2019		https://www.aes.org/journal/online/JAES_V67/12/	https://www.aes.org/e-lib/browse.cfm?elib=20705	Yes
157	Hybrid fusion approach for synthetic aperture radar and multispectral imagery for improvement in land use land cover classification	Dr. P. P. Rege	E & TC	Journal of Applied Remote Sensing	2019		https://www.spiedigitallibrary.org/journals/journal-of-	https://www.spiedigitallibrary.org/journals/journal-of-	Yes
158	Adaptive Selection of Threshold and K-nn Variations for Pattern Classification Algorithms	Dr. P. P. Rege	E & TC	Fronteiras Journal of Social, Technological and Environmental Science	2017				Yes
159	Adaptive Selection of Threshold and K-nn Variations for Pattern Classification Algorithms	Dr. P. P. Rege	E & TC	Fronteiras Journal of Social, Technological and Environmental Science	2017				Yes
160	Inverse Fisher Discriminant ratio based Training Set Selection for Optimal Classification Accuracy	Dr. P. P. Rege	E & TC	International Journal of Applied Engineering Research	2017	0973-4562			Yes
161	Evaluation of various feature sets and feature selection towards automatic recognition of bird species	Dr. P. P. Rege	E & TC	International Journal of Computer Applications in Technology	2017		https://www.inderscienceonline.com/toc/ijcat/56/3	https://www.inderscienceonline.com/doi/abs/10.1504/IJCAT.2017.088197	Yes
162	A multiple reversible watermarking technique for fingerprint authentication	Dr. P. P. Rege	E & TC	Multimedia Systems	2016		https://link.springer.com/journal/530/volumes-and-issues/22-3	https://link.springer.com/article/10.1007/s00530-015-0465-6	Yes
163	Fusion of local and global features for classification of abnormality in mammograms	Dr. P. P. Rege	E & TC	Sadhana Academy proceedings in Engineering Sciences	2016		https://link.springer.com/journal/12046/volumes-and-issues/41-4	https://link.springer.com/article/10.1007/s12046-016-0482-v	Yes
164	Hierarchical Object Detection applied to Fish Species	Dr. A. D. Gupta	E & TC	Nordic Machine Intelligence	2022		https://journals.uio.no/NMI/index	https://journals.uio.no/NMI/article/view/9452	Yes
165	Review on diabetic retinopathy with deep learning methods	Dr. A. D. Gupta	E & TC	Journal of Medical Imaging	2021		https://www.spiedigitallibrary.org/journals/journal-of-medical-imaging/volume-	https://www.spiedigitallibrary.org/journals/journal-of-medical-imaging/volume-	Yes
166	BRAIN TUMOR DETECTION USING MACHINE LEARNING AND DEEP LEARNING: A REVIEW	Dr. A. D. Gupta	E & TC	Current Medical Imaging	2021		https://www.ingentaconnect.com/content/ben/cm/ir;jsessionid=2c0kn9ttt80i-x-ic-live-	https://www.ingentaconnect.com/content/ben/cm/ir/2022/0000018/0000006/art00004	Yes
167	Smart Water Technology for Efficient Water Resource Management: A Review	Dr. A. D. Gupta	E & TC	Energies	2020		https://www.mdpi.com/journal/energies	https://www.mdpi.com/1996-1073/13/23/6268	Yes
168	Nodal Matrix analysis for Optimal Pressure-Reducing Valve Localization in a Water Distribution System	Dr. A. D. Gupta	E & TC	Energies	2020		https://www.mdpi.com/journal/energies	https://www.mdpi.com/1996-1073/13/8/1878	Yes
169	A Selective Literature Review on Leak Management Techniques for Water Distribution System	Dr. A. D. Gupta	E & TC	Journal of Japan Water Works Association	2019		https://cir.nii.ac.jp/all?q=水道協会雑誌%20%3D%20Journal%20of%20Japan%20Water	https://cir.nii.ac.jp/crid/1572543029222965504	Yes
170	A Novel Approach for Video based Fire Detection System using Spatial and Texture Analysis	Dr. A. D. Gupta	E & TC	Indian Journal of Science and Technology	2018		https://indjst.org	https://indjst.org/articles/a-novel-approach-for-video-based-fire-detection-system-	Yes
171	Leakage reduction in water distribution system using efficient pressure management techniques. Case study: Nagpur, India	Dr. A. D. Gupta	E & TC	water science and Technology: water supply	2018		https://iwaponline.com/ws	https://iwaponline.com/ws/article/18/6/2015/39307/Leakage-reduction-in-water-	Yes
172	A selective literature review on leak management techniques for water distribution system	Dr. A. D. Gupta	E & TC	water Resources Management	2018		https://www.springer.com/journal/11269	https://link.springer.com/article/10.1007/s11269-018-1985-6	Yes
173	Hybrid Leakage Management for Water Network Using PSF Algorithm and Soft Computing Techniques	Dr. A. D. Gupta	E & TC	Water Resources Management	2018		https://www.springer.com/journal/11269	https://link.springer.com/article/10.1007/s11269-017-1859-3	Yes
174	Leakage Reduction in Water Distribution Systems with Efficient Placement and Control of Pressure Reducing Valves Using Soft Computing Techniques	Dr. A. D. Gupta	E & TC	Engineering, Technology & Applied Science Research	2017		https://etasr.com/index.php/ETASR/index	https://etasr.com/index.php/ETASR/article/view/1032	Yes
175	Optimization techniques for leakage management in urban water distribution networks	Dr. A. D. Gupta	E & TC	Water Science and Technology Water Supply	2017		https://iwaponline.com/ws	https://iwaponline.com/ws/article/17/6/1638/38204/Optimization-techniques-for-leakage-	Yes
176	Backward elimination approach of regression model to decide the road safety policies across the states in India	Dr. A. D. Gupta	E & TC	Indian journal of science and technology	2017	0974-6846	https://www.indjst.org	https://indjst.org/articles/backward-elimination-approach-of-regression-model-to-decide-	Yes

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177	Backward Elimination Approach of Regression Model to Decide the Road Safety Policies Across the States in India	Dr. A. D. Gupta	E & TC	Indian journal of science and technology	2016	0974-6846	https://www.indjst.org	https://indjst.org/articles/backward-elimination-approach-of-regression-model-to-decide-	Yes
178	Introduction of seasonality concept in PSF algorithm to improve univariate time series predictions	Dr. A. D. Gupta	E & TC	PeerJ Preprints	2016		https://peerj.com	https://peerj.com/preprints/2184.pdf	Yes
179	Need of Smart Water Systems In India	Dr. A. D. Gupta	E & TC	International Journal of Applied Engineering Research	2016		https://www.ripublication.com/jaer.htm	https://www.researchgate.net/profile/Neeraj-Bokde/publication/300046043	Yes
180	Architectural considerations for next generation IoT processors	Mr. A. B. Patki	E & TC	IEEE Systems Journal	2019	1932-8184	https://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=4267003	https://ieeexplore.ieee.org/abstract/document/8611387	Yes