



Society for Computer Technology and Research's
Pune Institute of Computer Technology
Department of Electronics & Telecommunication Engineering

PUBLICATIONS AY: 2023-24

Sr. No	Name of Author(s) from PICT	Title of the Paper	Name of Journal	Volume No./Issue	Page Number	Year of Publication	ISSN Number	Publisher/Indexing
1	Shridevi K.Jamage	AI-Based Prediction of Myocardial Infarction in Patients Using Various Algorithms	International Journal of Intelligent Systems and Applications in Engineering	Volume 12, Issue No. 17	666-673	February 2024	2147-6799	Scopus Indexed
2	Komal Mahadeo Masal	An integrated region proposal and spatial information guided convolution network based object recognition for visually impaired persons' indoor assistive navigation	Imaging Science Journal	Volume 4, Issue 5	1-14	July 2023	1368-2199	SCI
3	Sandeep Vinayak Gaikwad	Design of Rectangular Wave Guide to Coaxial Line Microwave Source System for the Differential Dielectric Heating in Agriculture Using Parallel Plate Applicator	International Journal of Intelligent Systems and Applications in Engineering	Volume 11, Issue 4	713-717	September 2023	2147-6799	Scopus Indexed
4	Sandeep Vinayak Gaikwad	Quality Evaluation of an Apple using Non- Invasive	International Journal of Intelligent Systems and Applications in	Volume 12, Issue 3s	666-671	November 2023	2147-6799	Scopus Indexed



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		Microwave Technique	Engineering					
5	Sandeep Vinayak Gaikwad	Smart Inventory System using IoT and Cloud Technology	International Journal of Intelligent Systems and Applications in Engineering	Volume 12, Issue 3s	187-192	November 2023	2147-6799	Scopus Indexed
6	Sandeep Vinayak Gaikwad	Autonomous Differential Drive Mobile Robot Navigation with SLAM, AMCL using ROS	International Journal of Intelligent Systems and Applications in Engineering	Volume 12, Issue 5s	46-53	November 2023	2147-6799	Scopus Indexed
7	Rupesh Chandrakant Jaiswal	Technical review on Synthetic Data Generation	Gradiva Review Journal” (GRJ)	Volume 9, Issue 7	100-109	July 2023	0363-8057	Peer Reviewed
8	Rupesh Chandrakant Jaiswal	A Review on the Prospects Engineering Management	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 11, Issue 9	218-223	September 2023	2321-9653	Peer Reviewed
9	Rupesh Chandrakant	Digital Currency Price Prediction using Machine	International Journal for Research in Applied Science &	Volume 11, Issue 9	338-355	September 2023	2321-9653	Peer Reviewed



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	Jaiswal	Learning	Engineering Technology (IJRASET)					
10	Rupesh Chandrakant Jaiswal	Object Fetching UAV using Autonomous Flight and Object Detection Algorithms	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 11, Issue 9	602-610	September 2023	2321-9653	Peer Reviewed
11	Rupesh Chandrakant Jaiswal	The Role of Management Information Systems in Organizations	Gradiva Review Journal(GRJ)	Volume 9, Issue 9	506-516	September 2023.	0363-8057	Peer Reviewed
12	Pradip Varade, Rajendra Gangaram Yelalwar	NLP and Human-Computer Interaction: Enhancing User Experience through Language Technology	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 11 Issue 10	1393-1396	October 2023	2321-9653	UGC
13	Rajendra Gangaram Yelalwar, Ravinder	Unsupervised machine learning schemes for cooperative spectrum sensing	International Journal of Computer Applications in	Volume 73, Issue 1	66-72	October 2023	1741-5047	SCI



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Department of Electronics & Telecommunication Engineering

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	Bhadraiah Yerram	in cognitive radio	Technology					
14	Komal Mahadeo Masal	Development of a visual to audio and tactile substitution system for mobility and orientation of visually impaired people: a review	Multimedia Tools and Applications	Volume 83, Issue 7	1-42	August 2023	1573-7721	SCI
15	Shahadev Dattatraya hake	Defected Ground Square Patch Edge Truncated Polarization Reconfigurable Antenna	Telecommunications and Radio Engineering	Volume 83, Issue 5	11-24	February 2024	1943-6009	Scopus Indexed
16	Mousami Vaibhav Munot	A survey of explainable AI techniques for detection of fake news and hate speech on social media platforms	Journal of Computational Social Science	Volume 6, Issue 1	1-37	March 2024	2432-2725	SCI
17	Mousami Vaibhav Munot	Automated COVID-19 Detection From Exhaled Human Breath Using CNN-CatBoost Ensemble Model	IEEE Sensors Letters	Volume 7, Issue 1	1 to 4	October 2023	2475-1472	SCI
18	Shridevi Sukhadeo	Analyzing electroencephalograph	International Journal of Electrical and	Volume 14,	2602-2615	June 2024	2088-	Scopus Indexed



Society for Computer Technology and Research's
Pune Institute of Computer Technology
Department of Electronics & Telecommunication Engineering

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	Vasekar	signals for early Alzheimer's disease detection: deep learning vs. traditional machine learning approaches	Computer Engineering (IJECE)	Issue 3			8708	
19	Rupesh Chandrakant Jaiswal	Data-Driven Quantitative Risk Modeling In Financial Engineering	Gradiva Review Journal	Volume 9, Issue 9	656-668	September 2023	0363-8057	Peer Reviewed
20	Rupesh Chandrakant Jaiswal	A Survey on AI Chatbots	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 11, Issue 9	1738-1744	September 2023	2321-9653	Peer Reviewed
21	Rupesh Chandrakant Jaiswal	Design and Simulation of Inset Feed Microstrip Patch Antenna	International Journal of Creative Research Thoughts (IJCRT)	Volume 11, Issue 10	a859-a872	October 2023	2320-2882	Peer Reviewed
22	Rupesh Chandrakant Jaiswal	Business Information Security	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume 10, Issue 10	d206-d213	October 2023	2349-516	Peer Reviewed



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23	Rupesh Chandrakant Jaiswal	Advancements and Challenges in Incremental Learning: A Comprehensive Survey	International Journal of Creative Research Thoughts (IJCRT),	Volume 11, Issue 10	d463-d475	October 2023	2320-2882	Peer Reviewed
24	Rupesh Chandrakant Jaiswal	Customer Sentiment And Market Analysis	International Journal of Creative Research Thoughts (IJCRT)	Volume 11, Issue 11	c958-c967	November 2023	2320-2882	Peer Reviewed
25	Rupesh Chandrakant Jaiswal	A Comparative Study of Network Simulators	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 11, Issue 11	312-314	November 2023	2321-9653	Peer Reviewed
26	Mousami Vaibhav Munot	Model compression of deep neural network architectures for visual pattern recognition: Current status and future directions	Computers and Electrical Engineering	116	1 to 46	April 2024	0045-7906	SCI
27	R.Sreemathy	Rapid Navigation Optimization - based Deep Convolutional Neural Network for Covid-19	International Journal of Computing and Digital Systems	1	609-631	August 2024	1875-6883	Scopus Indexed



Society for Computer Technology and Research's
Pune Institute of Computer Technology
Department of Electronics & Telecommunication Engineering

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		Detection using CT Scans						
28	R Sreemathy	Alzheimer's Disease Classification using Feature Enhanced Deep Convolutional Neural Networks	The International Journal of Next-Generation Computing	15	21-36	March 2024	2229-4678	UGC
29	Shridevi Sukhadeo Vasekar	Automated Garbage Separation using AI Based Robotic ARM	Journal of Electrical Systems	20	1179-1193	April 2024	1112-5209	Scopus Indexed
30	Rupesh Chandrakant Jaiswal	Automation of Databases in Oracle	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume11, Issue 11	946-952	November 2023	2321-9653	Peer Reviewed
31	Rupesh Chandrakant Jaiswal	Efficient Backend Development with Spring Boot:A Comprehensive Overview	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume11, Issue 11	759-765	November-2023	2321-9653	Peer Reviewed



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Pune Institute of Computer Technology
Department of Electronics & Telecommunication Engineering

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32	Rupesh Chandrakant Jaiswal	Multi-Cloud Unveiled: Strategies for Success	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume10, Issue 11	c127-c136	November 2023	2349-5162	Peer Reviewed
33	Rupesh Chandrakant Jaiswal	Introduction to Supply Chain Management	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume11, Issue 12	2194-2198	December 2023	2321-9653	Peer Reviewed
34	Rupesh Chandrakant Jaiswal	Congestion Detection with Sentiment Analysis	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume11, Issue 12	639-643	December 2023	2321-9653	Peer Reviewed
35	Rupesh Chandrakant Jaiswal	Sentiment Analysis of coronavirus tweets using NLP	Journal of Emerging Technologies and Innovative Research (JETIR)	Volume10, Issue 12	c276-c279	December 2023	2349-5162	Peer Reviewed
36	Rupesh Chandrakant	A Comprehensive Survey on Prediction Models and the	International Journal for Research in	Volume11,	1552-1556	December	2321-	Peer



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Department of Electronics & Telecommunication Engineering

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	Jaiswal	Impact of XGBoost	Applied Science & Engineering Technology (IJRASET)	Issue 12		2023	9653	Reviewed
37	Rupesh Chandrakant Jaiswal	Unveiling Financial Insights: Business Analytics, Graphs, and Key Metrics in Stock Trading	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume11, Issue 12	2213-2215	December 2023	2321-9653	Peer Reviewed
38	Rupesh Chandrakant Jaiswal	Performance Evaluation and Comparative Analysis of AODV, DYMO, IARP, and IERP Routing Protocols in Ad Hoc Networks	International Journal of Intelligent Systems and Applications in Engineering, (IJISAE)	Volume12, Issue 18s	354–363	March 2024	2147-6799	Scopus Indexed
39	Ravinder Bhadraiah Yerram	Simulation of Cognitive Radio Wireless Network using Network Simulator: Learning Experience	Indian Journal of Technical Education	Volume 47	176-183	January 2024	0971-3034	Scopus Indexed
40	Pradip S. Varade	Cooperative Spectrum Sensing Using 5G Cognitive	IJREAT International Journal of Research in Engineering &	Volume 11, Issue 4	1-5	September 2023	2320 – 8791	Peer Reviewed



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		Radio Network	Advanced Technology,					
41	Nilesh Suresh Shirude	Digital Academic Passport: Elevating College Operations	International Journal of Applied Engineering & Technology	Volume 5 Issue No.4,	1344 to 1452	December 2023	2633-4828	Scopus Indexed
42	Rishikesh Janardan Sutar	A study on various sentiment analysis for mixed indigenous languages using machine learning algorithms	Grenze International Journal of Engineering and Technology	Volume 9	2838-2846	January 2023	2395-5287	Scopus Indexed
43	Sunil K. Moon	Forensic multi-dimensional Ary exploited modified direction data embedding approach to increase imperceptibility and robustness of secured data	Springer Journal of Multimedia tools and Application	Volume 82	35091 -35120	September 2023	1380-7501	Scopus Indexed
44	Dr. Sanjay T. Gandhe	SAR (Synthetic Aperture Radar) Image Study and Analysis for Object Recognition in Surveillance	International Journal of Intelligent Systems and Applications in Engineering	Volume 11, Issue No 10s	552-573	August 2023	2147-6799	Scopus Indexed



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Pune Institute of Computer Technology
Department of Electronics & Telecommunication Engineering

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45	Shridevi Sukhadeo Vasekar	Clustered Airport Modeling (CAM) by Integrating Network Based Characteristics for Flight Delay Prediction using ML	International Journal of Intelligent Systems and Applications in Engineering	Volume 12, Issue 4	1648-1657	June 2023	2147-6799	Scopus Indexed