



**SANDIP INSTITUTE OF TECHNOLOGY AND
RESEARCH CENTRE, NASHIK**



**SANDIP
FOUNDATION**

Department of Electronics & Telecommunication

A.Y. 2023-2024 Publications Summary

Sr. No.	Name of Author	Title of Manuscript / Paper	Name of Journal/Conference	Type: National / International Journal/Conference	Vol. No.	Issue No.	Page No.	Vol. No.	Issue No.	Page No.	Month & Year of Publication	ISSN No. (8 digit)	Mention Indexing as (SCI/ Scopus / WoS / UGC / Other)
1	Dr Gayatri M.Phade	Biodegradable Automated Thermal Container Using Peltier Technology	International Journal of Mathematical Modelling of Engineering Problems	International Journal				11	7	1859-1866	July, 2024		Scopus
2	Prof. Ajaykumar Mishra, Prof. Ankur saxena, Prof. Sushant J. Pawar, Dr. Bhagwat R. Kakde	Utilizing Parametric Models for Real-Time Speaker Recognition by Stimulating Frequency Characteristics	International Conference on Deep Learning ,IoT, Drone Technology ,Smart Cities & Application , ICDIDSA-2023	International Conference				-	-	-	June,2024		Scopus

3	Prof. Sushant J. Pawae, Prof. Mayur Ingale,, Prof. Ajay Mishra,,Dr. Omkar S. Vaidya	Robot Tracking via Centrally Monitored System for Logistics	International Conference on Deep Learning ,IoT, Drone Technology ,Smart Cities & Application , ICDIDSA-2023	International Conference				-	-	-	29-30 Nov,2023		Scopus
4	Dr. Gayatri M. Phade Prof. Priyanka N.Bhatambarekar	Exploring the Terrain : An investigation into Deep Learning Based Fusion Strategies for Integrating Infrared and Visible Imagery	Journal of Electrical System	International Journal				20	2	2316-2327	2024		Scopus
5	Dr.Gayatri M.Phade,Dr. Minal V. Gade	Theoretical Approach on Spectrum Optimization in Telecommunication Network using Artificial Intelligence	International Journal	International Journal							Jul-24		Scopus
6	Dr.Omkar S. Vaidya	Securing Cyber Physical System Using Machine Learning: A Survey on Attack Resistant Algorithms	Revue d'Intelligence Artificielle Vol. 38, No. 1, February, 2024, pp. 277-284 Journal homepage: http://iieta.org/journals/ria , IIETA	International Journal	38	1	277-28	38	1	277-284	29-02-2024		Scopus

7	Dr.Minal V. Gade	Enhancing Financial Insights: Integration of various Machine Learning Techniques	International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING	International Journal			644-65	12	17	644-650	10-02-2024	2147-6799	Scopus
8	Dr Gayatri M.Phade	Smart Data Management in IoT: Leveraging Wireless Sensir Networks for Efficient Information Processing	International Journal of Electrical and Electronics Research (IJEER)	International Journal				19	2	01-08	Dec-23		Scopus
9	Dr.Gayatri M.Phade,Dr.Omkar S.Vaidya,Dr. Rahul V.Awathankar	Canopy Greenfield Detection System and Pesticides Spraying using Drone	International Journal of Engineering Trends and Technology	International Journal	71	10	215-222	71	10	215-222	Oct-23	2231-538	Scopus
10	Prof. Sushant J. Pawar	SAR (Synthetic Aperture Radar) Image Study and Analysis for Object Recognition in Surveillance	International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING	International Journal	11	10	552-573	11	10	552-573	Aug-23	2147-6799	Scopus

11	Prof. Sushant J.Pawar, Prof. Mayur E Ingle, Prof. Ajaykumar Mishra, Dr. Omkar S.Vaidya	Robot Tracking via Centrally Monitored System for Logistics	International Conference on Deep Learning ,IoT, Drone Technology ,Smart Cities & Application , ICDIDSA-2023	International Conference				2	3	01-04	July 2023		Scopus
12	Prof. Sushant J.Pawar	Synthetic Aperture Radar Image Enhancement for Object Detection	International Conference on Deep Learning ,IoT, Drone Technology ,Smart Cities & Application , ICDIDSA-2023	International Conference				-	-	-	Nov-23		Scopus
13	Pof. Ajaykumar Mishra	Smart Multi-purpose Trolley	International Journal	International Journal				10	3	2994	July 2024		UGC
14	Prof..Sushant J.Pawar	Robage BOT	International Journal of Engineering and Management Research	International Journal	13	4	77-81	13	4	77-81	Aug-23	2394-6962	UGC Approved Google Scholar, Researcher ID Thomson

15	Dr.Rahul Awathankar, Dr.Gayatri M.Phade,Dr.Omkar S.Vaidya, Dr.Minal V.Gade, Dr.Bhagwat R.Kakde	A Review on Spectrum Optimization in Telecommunication Network using Artificial Intelligence	International Conference , ICDIDSA-2023	International Conference				-	-	-	Nov-23		
16	Dr.Bhagwat R. Kakde	Determination of SNR and SINAD for 8bit ADC in Time Domain	International Conference on Deep Learning ,IoT, Drone Technology ,Smart Cities & Application , ICDIDSA-2023	International Conference				-	-	-	Nov-23		
17	Dr.Gayatri M.Phade	From Strain to Success: Empowering Women through Effective Stress Management 2024	International Conference on Gender Equality & Women Empowerment 2024,ICGEWE 2024	International Conference				-	-	-	2024		
18	Dr.Gayatri M.Phade,Dr.Minal V.Gade	Women Entrepreneurs: A New Approach to Women Empowerment	Scholarly Research Journal for Interdisciplinari Studies	Scholarly Research Journal	12	67	90-93	12	67	90-93	Jan/FEB- 2024		2278-8808

19	Dr.Gayatri M.Phade	Skill Based Education in Rural Communities	Scholarly Research Journal for Interdisciplinari Studies	Scholarly Research Journal			34-39	12	67	34-39	Jan/FEB-2024		
					12	67							2278-8808
20	Dr.Gayatri M.Phade	Real Time Inventory Management System for Maker's Space of Technology	International Conference	International Conference				-	-	-	ICOBI-2023		
21	Dr.Gayatri M.Phade,Prof. Priyanka Bhatambarekar	In-depth study of Spatial domain Image Fusion Techniques for Quality Enhancement	International Conference , ICDIDSA-2023	International Conference				-	-	-	Nov-23		
22	Dr.Gayatri M.Phade,Dr. Minal V. Gade	Exploring Tongue Print as a Biometric Authentication Features :A Promising Avenue	International Conference on Cognitive Computing and Cyber Physical Systems	International Conference				-	-	-	5-7April 2024		

23	Prof. Ruchi Amit Thole	Quantum Cryptography: Mathematical Foundations and Practical Applications for Secure Communication Protocols	International Journal of Communications on Applied Nonlinear Analysis	International Journal				31	3	454	Jun-24		
24	Prof. Tejal K. Jawale	Game Theory and Adversarial Machine Learning : Analysing Strategic Interactions in Cybersecurity	International Journal of Communications on Applied Nonlinear Analysis	International Journal				31	3	470	Jun-24		
25	Dr. Minal V. Gade	Probable Security System	IJARIE-2024	International Journal				2	1	1	2024		
26	Dr. Minal V. Gade	Machine Learning Based Approach for Traffic Flow Prediction Using LSTM	ICMMSE-2023	International Conference				-	-	-	12-13 Dec 2023		

27	Dr.Bhagwat R.Kakde	Automatic Border Surveillance System with node MCU	International Research and Innovation Conference 2024	International Conference				-	-	-	3-4 May,2024		
28	Prof. Prafulla P.Chaudhari	Sentiment Analysis on Amazon Product Reviews Using Supervised ML Algorithms	International Conference on Integration of Computational Intelligent Systems (ICICIS-2023)	International Conference				-	-	-	1 to 4 Nov,2023		
29	Prof. Mayur E. Ingale	Image Segmentation Using Gabor Filter and Wavelet Transform	International Journal of Electrical and Electronics Engineering and Research (IJEEER)	International Journal				3	4	25-38	October,2023		
30	Prof. Ajaykumar Mishra	Energy Harvesting through Renewable Materials	International Conference on Digital Transformation in Education With Chat-GPT/AI/Web Tools	International Conference				-	-	-	16-17 Feb,2024		

31	Prof. Ajaykumar Mishra	Automatic Border Surveillance System with node MCU	International Research and Innovation Conference 2024	International Conference				-	-	-	3-4 May,2024		
32	Prof. Mayur E. Ingale	Leveraging BERT for Next-Generation Spoken Language Understanding with Joint Intent Classification and Slot Filling	International Conference on Advanced Computing Technologies and Applications (ICACTA)	International Conference				-	-	-	July 2, 2024		
33	Dr.Gayatri M.Phade	Biometric Based Smart ATM	International Journal of Science & Applied Research	International Journal				11	8	33-40	August 2024		



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