

SIES GRADUATE SCHOOL OF TECHNOLOGY, NERUL

JOURNAL PUBLICATION DATA 24-25

Sr. No	Name	Dept	Institute Name	Research publication/ Title of research project	Title of Journal ISSN/ISBN Number	DOI	Type of Journal SCOPUS/ WOS /SCI/OTHERS	Month and Year of Publication
1	Dr.Lokpriya Gaikwad	ME	SIESGST	Analysis and Prevention of Automotive Component Failure: A Case Study	Journal of The Institution of Engineers (India): Series C (Springer), ISSN: 2250-054.	DOI: https://doi.org/10.1007/s40032-024-01143-y	Scopus	24-Dec
2	Dr.Lokpriya Gaikwad	ME	SIESGST	Industry 4.0 Adoption in Indian Manufacturing SMEs through ISM and TOPSIS Analysis	J. Inst. Eng. India Ser. C (Springer), ISSN: 2250-054.	https://doi.org/10.1007/s40032-024-01142-z	Scopus	24-Dec
3	Dr.Lokpriya Gaikwad	ME	SIESGST	Automotive Drive System: A Six Sigma DMADV Approach	J Fail. Anal. and Preven. (Springer), EISSN 1864-1245	https://doi.org/10.1007/s11668-024-02003-8	Scopus	24-Aug
4	Gaikwad,Dr. Ajay Hundiwale	ME	SIESGST	Helical Cone Coil Heat Exchanger for Low Grade Heat	Transfer Research 12 (2025), ISSN NO. 2383-3068, Serial Number 23, 61 – 72	10.22075/jhmtr.2024.33519.1533	Scopus	24-Aug
5	Dr. Prashant Ambadekar	ME	SIES GST	Turning Operation Parameters for H-13 Tool Steel Towards Sustainable	Matériaux Avancés ISSN: 1169-7954 (print); 1958-5799 (online)	https://doi.org/10.18280/rcma.340502	WoS, ESCI, Scopus	24-Oct
6	Dr. Prashant Ambadekar	ME	SIES GST	Comparative Analysis of Reinforcement Learning Agents for Optimizing Airfoil Shapes	International Journal for Numerical Methods in Fluids	https://onlinelibrary.wiley.com/doi/abs/10.1002/fld.5395	Scopus	March 25

7	Dr. Prashant Ambadekar	ME	SIES GST	Reinforcement Learning-Driven Airfoil Optimization: Enhancing Aerodynamic Performance	Mathematical Modelling of Engineering Problems ISSN: 2369-0739 (print); 2369-0747 (online)	https://www.iieta.org/journals/mmep/paper/10.18280/mmep.120311	Scopus	25-Apr-25
8	Dr.Kaustubh Chavan	ME	SIES GST	Optimizing ventilated disk brake design for enhanced thermal performance: an analytical and experimental approach	Multiscale and Multidisciplinary Modeling, Experiments and Design science	https://doi.org/10.1007/s41939-025-00797-0	Scopus	03-Mar-25
9	Dr. Preeti Hemnani	EXT C	SIESGST	Real-time Monitoring and Analysis through Video Surveillance and alert generation for prompt and immediate response"	International Journal of Advanced Computer Science and Applications(IJACSA), Volume 15 Issue 12, 2024.,10.14569/IJACSA.2024.0151272 ISSN : 2156-5570	10.14569/IJACSA.2024.0151272	Scopus,WoS	24-Dec
10	Dr. Preeti Hemnani	EXT C	SIESGST	Optimizing Stroke Risk Prediction Using XGBoost and Deep Neural Networks	International Journal of Advanced Computer Science and Applications(IJACSA), Volume 15 Issue 11, 2024.10.14569/IJACSA.2024.0151114 ISSN : 2156-5570	https://dx.doi.org/10.14569/IJACSA.2024.0151114	Scopus,WoS	24-Nov
11	Dr. Preeti Hemnani	EXT C	SIESGST	Analysis Models: A Comparative Analysis of Vaccination Tweets During the COVID-19 Phase Leveraging DistilBERT for Enhanced Insights	MethodsX,E-ISSN:2215-0161	https://doi.org/10.1016/j.mex.2025.103407	SCI and Scopus	May 2025
12	Prof.Shyamal a Mathi	EXT C	SIESGST	Neural Networks For Medical Image Analysis: Trends And Future Directions	Journal of Neonatal Surgery,2226-0439 (Online)	https://jneonatsurg.com/index.php/jns/article/view/5117	Scopus	May 2025

13	Prof. Prathiba Joshi	EXT C	SIESGST	Application of DenseNet Architecture and its variants towards Breast Cancer Deduction: "A Multi View Analysis"	International Journal of Environmental Sciences, ISSN: 2229-7359	https://theaspd.com/index.php/ijes/article/view/1676	Scopus	June 2025
14	Dr. Sulochana Madachane	IT	SIESGST	Human-Centric Design for Wearable Technology: Bridging Aesthetic and Functional Aspects in Smart	Panamerican Mathematical Journal, ISSN: 1064-9735	https://doi.org/10.52783/pmj.v35.i2s.2417	Scopus	25-Jan
15	Dr. Sulochana Madachane	IT	SIESGST	AI-Based Phishing Detection and Automated Response: A Multi-Channel Security Framework for	Panamerican Mathematical Journal, ISSN: 1064-9735	https://doi.org/10.52783/pmj.v35.i1s.2312	Scopus	25-Jan
16	Dr. Sulochana Madachane	IT	SIESGST	FinAI: Gamified Finance Learning Platform	Journal of Information Systems Engineering and Management, E-ISSN: 2468-4376	https://doi.org/10.52783/jisem.v10i5s.685	Scopus	25-Jan
17	Dr. Sulochana Madachane	IT	SIES GST	Enhancing Phishing Attack Detection Using Explainable AI: Trends and Innovations	Development "E-ISSN: 2224-9028 P-ISSN: 0217-5460"	https://doi.org/10.61931/2224-9028.1604	Scopus	Mar-25
18	Dr. Sulochana Madachane	IT	SIES GST	Simulating Zero Trust Architecture with Python for Cybersecurity	Technology for Development "E-ISSN: 2224-9028"	https://doi.org/10.61931/2224-9028.1617	Scopus	Mar-25
19	Dr. Kalyani Pampattiwar	CE	SIESGST	access control and secret sharing-based	International Journal of Information and Computer	https://doi.org/10.1504/IJICS.2024.1439	WoS and Scopus	25-Jan
20	Dr. Kalyani Pampattiwar	CE	SIES GST	blockchain-based model for electronic health record management	Scientific Reports, ISSN 20452322	https://rdcu.be/egoW	Scopus, WoS	25-Apr
21	Dr. Aparna Bannore	CE	SIESGST	Through Cooperative Learning: The Impact of the	Pedagogy and Curriculum, ISSN: 2327-7963 (Print), ISSN:	https://doi.org/10.18848/2327-	Scopus	Nov, 24
22	Prof. Suvarna Chaure	CE	SIES GST	Preservation using Lattice Homomorphic Encryption	Information and Computer Security, Inderscience	http://dx.doi.org/10.1504/IJICS.2025.10	Scopus, WoS	Jan-25

23	Prof.Ujwala Ravale	CE	SIESGST	enabled routing in mobile ad hoc network using game	IET Wireless Sensor System, Wiley, ISSN:2043-6386	https://doi.org/10.1049/wss2.12095	Scopus,WoS	24-Oct
24	Dr. Rizwana Siddiqui, Ujwala R, Sunil K P	CE	SIES GST	Quasi Opposition-based Learning in Beluga Whale Optimization Feature Selection Approach for Diabetes prediction in IoT System	International Journal of Intelligent Engineering and Systems (IJIES),ISSN: 2185-3118	https://oaji.net/articles/2023/3603-1729658282.pdf	scopus	24-Oct
25	Bannore,Dr. Arathi Boyanapalli	CE	SIES GST	Optimized Feature Selection based Deep Learning model for periodontal bone loss Detection	Information Technology and Decision Making,ISSN:0219-6220	In Press	scopus	In press
26	Prof.Mrinal Khadse	ECS	SIES GST	Covert Channel Construction and Attack	Practice and Experience, 2024 Print ISSN: 1532-0626	https://doi.org/10.1002/cpe.8316	Scopus	24-Oct
27	Prof.Hema Gavali	ECS	SIES GST	Corrugated 5G Antenna Design for	Research M, Vol. 132, 11-19, 2025	10.2528/PIERM24090903	Scopus,WoS	25-Jan
28	Prof.Hema Gavali	ECS	SIES GST	Port mm-Wave Antenna for 5G Application	Research M, Vol. 131, 51-59, 2025	doi:10.2528/PIERM24110101	Scopus,WoS	25-Jan
29	Prof.Hema Gavali	ECS	SIES GST	Corrugated Antenna for 5G Applications in Sub-6 GHz	Research Letters ISSN: 1937-6480	10.2528/PIERL25011701	Scopus. WoS	25-Mar
30	Dr. Shubhangi Kharche	ECS	SIES GST	Driven Chatbot for Enhanced Dermatological Diagnosis and Patient	<i>Electrical Engineering and Informatics (IJEEI)</i> 12, no. 4 (2024): 1040-1062, ISSN 2089-	10.52549/ijeei.v12i4.5806	Scopus	24-Dec
31	Dr. Shubhangi Kharche	ECS	SIES GST	Smart Blind Assistant Stick	Journal of Engineering Science and Technology Review, ISSN: 1791-2377. [Online]	ownloads/Volume18Issue1/fulltext121812025.pdf	Scopus	Feb-25
32	Dr. Sonal Hutke	IOT	SIESGST	Structure Embodied Low Specific Absorption Rate Hexagonal Ring Wearable	OF MICROWAVE AND OPTICAL TECHNOLOGY, E-ISSN:1553-0396,XVOL. 19,	https://siescms-my.sharepoint.com/:blog/personal/poojasin	Scopus	24-Sep

33	Dr.Sandhaya	H&A S	SIES GST	Study of Gas Sensing Properties Of Nanostructured Nickel Ferrite Thick Film Sensors In NH3, H2S, CO2, And LPG Environments	J. Electrical Systems, Vol-Issue (2024): 1-12, Till 2024 Scopus,ISSN 1112-5209	NIFe2O4 paper 2024_JES (1).pdf	Scopus	Dec-24
34	Dr.Pooja Singh	H&A S	SIES GST	Reliability Analysis of Safety Critical Systems: A Case Study of Railway Systems	Quality and Reliability Engineering International , ISSN:0748-8017 E-ISSN:1099-1638	https://doi.org/10.1002/qre.3800	SCI/SCOPUS/W	May-25
35	Prof.Biju Balakrishnan	EXT C	SIESGST	Qualitative Analysis of Vending Machine Technology	International Journal of Innovative Research in Computer and Communication Engineering (IJIRCCE), Volume 12, Issue 9, september 2024. DOI:	DOI: 10.15680/IJIRCCE.2024.1209039	Others	24-Sep
36	Prof.Vandana Sawant	EXT C	SIESGST	A dynamic approach to sign language recognition	International Journal of Research and Analytical Reviews(IJRAR)	http://doi.org/10.1729/Journal.40705	Others	24-Jul
37	Prof.Pratibha Joshi	EXT C	SIESGST	Wanderlust: Travel planning guide	International Journal of Creative Research Thoughts(IJCRT) Journal/Volume 12, Issue 8		Others	24-Aug
38	Dr Swati Rane	EXT C	SIESGST	Legal chat bot and document generator using ReFlaPsy .	World Journal of advanced Research and Reviews.	https://doi.org/10.30574/wjarr.2025.26.1.1370	Others	25-Apr
39	Prof.Vaishali Mangrulkar	EXT C	SIESGST	Evolution of IoT-Enabled Logistics: A Survey on Tracking, Monitoring, and Cold Chain Management”	International Journal of Innovative Research in Computer and Communication Engineering	DOI:10.15680/IJIRCC.E.2025.1304257	Others	25-Apr

40	Prof.Shyamala Mathi	EXT C	SIESGST	Exploring Traditional and Modern Techniques in Fruit Disease Detection and Classification with IoT	World Journal of Advanced Research and Reviews (WJARR)	https://doi.org/10.30574/wjarr.2025.25.2.0406	Others	Feb-25
41	Prof.Urvashi Patkar	CE	SIES GST	Journal of Emerging Technologies and Innovative Research	ISSN UGC Approved (Journal No:63975) &Published in Volume 11 Issue 2, February-2024 Date of Publication: 2024-02-26	NA	Others	Feb-24
42	Prof.Urvashi Patkar	CE	SIES GST	Technologies and Innovative Research	ISSN: 2327-9133 (Online) 20/11/24	NA	Others	Feb-24
43	Prof.Rasika Malgi	CE	SIES GST	Music Plagiarism using machine learning	International Journal of Creative research thoughts ISSN 2320-2882	NA	Others	24-Dec
44	Prof.Sonal Patil	AIDS	SIESGST	Social Behavior:A Computational Approach to understanding organizational Dynamics	Journal of International Crisis and Risk Communication Research E-ISSN:2576-0025	NA	Others	2024-25
45	Prof. Deepali Jagtap	AIDS	SIESGST	Sahayak Portal :Smart Government scheme Recommender	Application & Management Vol-11,Issue-01,Apr 2025,SSN:2454-9150,DOI:10.35291/2454-9150.2025.0052	DOI:10.35291/2454-9150.2025.0052	Others	25-Apr
46	Prof. Sonal Patil	AIDS	SIESGST	Farmsense: AI enhanced decision support for farmers	International Journal for Research in Enginnering Application & Management IJREAM, ISSN : 2454-9150	NA	Others	25-Apr

47	Prof. Megha Jain	AIDS	SIESGST	User Behaviour based Intrusion Detection System	International Journal for Research Trends and Innovation(IJRTI), ISSN: 2456-331	NA	Others	May-25
48	Prof. Sonal Patil	AIDS	SIESGST	Meme generator using gen ai	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS, ISSN: 2320-2882	NA	Others	Jun-25
49	Dr.Neethu Anna Sabu	AIDS	SIESGST	GlucoSync: Machine Learning-Based Non-Invasive Glucose Prediction Using Beer	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS, ISSN: 2320-2882	NA	Others	May-25
50	Dr.Neethu Anna Sabu	AIDS	SIESGST	Real time voice cloning	INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS, ISSN: 2320-2882	NA	Others	Jun-25
51	Dr.Rizwana	HOD AIDS	SIESGST	PHISHING AND SPAM DETECTION: BASED ON URL HEURISTICS AND EMAIL TEXT ANALYSIS	International Journal of Computer Applications, Volume 187 – No.14, June 2025,0975 – 8887	NA	Others	Jun-25

52	Dr. Vimala Elengo	H&A S	SIESGST	THE CHARACTER THEORY ON ONE OF US IS LYING: AN ANALYSIS	Gap Bodhi Taru Globally peer-reviewed and open access journal - Impact factor - SJIF - 5.551, IIFS - 5.125	NA	Others	24-Jul
53	Dr.Ram	H&A S	SIES GST	Mobility of Nomadic and Denotitied Tribes: A Critical Study of Uchalva	of Multidisciplinary Studies (NMIJMS),Print:ISSN: 2348-1390	NA	Others	Feb-25
54	Dr.Sandhaya	H&A S	SIES GST	Removal of Heavy Metals from Wastewater Using Nanotechnology: A Review	International Journal of Scientific Research in Science and Technology_IJSRST,Print ISSN: 2395-6011	NA	Others	Jan-25
55	Gaikwad,Dr. Kaustubh Chavan,Dr. Ajay Hundiwale	ME	SIES GST	Study of Best Practices to Increase Manufacturing Productivity: A Case- Based Approach	No. 4, Jan – March 2025. Published by National Productivity Council, India. ISSN: 0032-9924, e-ISSN: 0976-3902,	https://doi.org/10.32381/PROD.2025.65.04.9	Others	Jan-25
56	Prof Swapnil Wani	IOT	SIES GST	AGRITECH - AN INNOVATIVE FARMING	Research and Analytical Reviews (IJRAR),2348-1269	NA	Others	Apr-25
57	Prof Swapnil Wani	IOT	SIES GST	Landmine Detection Rover: An Autonomous	Research in Engineering Application &	NA	Others	March 25
58	Prof Swapnil Wani	IOT	SIES GST	Encryption using IDPR (International Data Privacy Regulation): An Overview of project IDPR	Research in Engineering Application & Management (IJREAM) (International Data Privacy Regulation): An	NA	Others	25-Mar
59	Prof Swapnil Wani	IOT	SIES GST	SAFEConnect: A Dual-Function Emergency Alert System Using Arduino Nano, GPS, and GSM Modules	International Journal of Scientific Development and Research (IJSDR) ,ISSN:2455-2631, April 2025 ,Volume 10 Issue 4	NA	Others	Apr-25

60	Prof. Manosha	IOT	SIES GST	Automated Irrigation with deterrent System	International Journal of Scientific Research in Engineering and Management,2582-3930	DOI: 10.55041/IJSREM40483	Others	Jan-25
61	Prof. Yasmeen Z. Attar	IOT	SIES GST	Smart Aircraft Monitoring Using AI-Driven Digital Twins and IoT-Based Data Acquisition	International Journal for Multidisciplinary Research,2582-2160	NA	Others	Jun-25
62	Prof. Prachi Shahane	IOT	SIES GST	QR Based smart trolley system	International Journal of Research and Analytical reviews ,ISSN: 2348-1269	NA	Others	Jun-25
63	Dr. Sonal Hutke	IOT	SIES GST	Electromagnetic Band Gap Structure Embodied	INTERNATIONAL JOURNAL OF MICROWAVE AND OPTICAL TECHNOLOGY, XVOL. 19, NO.5, SEPTEMBER 2024,ISSN 1553-0396	NA	Others	Sep-24
64	Dr. Shubhangi Kharche	ECS	SIES GST	An Adaptive Deep Reinforcement Learning Framework for Optimizing Dynamic Resource Allocation in Federated Cloud Computing	Journal of Information Systems Engineering and Management ,https://doi.org/10.55267/iadt	NA	Others	25-Apr

