

List of Journal Publications by the Faculty members:

2024-25 (As on December 2024)					
Sr No	Name of Faculty	Title of Paper	Details of Publication	Link of Paper	Index
1	Mrs. Lakshmi Gadhikar	Analysis of PTX Code for CUDA Programs	Lakshmi Gadhikar, Y. S. Rao, "Analysis of PTX Code for CUDA Programs", Indian Journal of Technical Education, Volume 47, Special Issue No. 2, October 2024. Pg- 386-390, ISSN 0971-3034.	http://www.isteonline.in/Viewtopics.aspx?MenuId=IJTE_Special_Issue_1416	UGC
2	Dr. Vaishali V. Bodade	AgentSphere: A Novel Influencer Maximization Algorithm using Agent-Based Modeling in Social Networks	Jyoti Sunil More, Vaishali V. Sarbhukan (Bodade), Yogesh Jadhav " AgentSphere: A Novel Influencer Maximization Algorithm using Agent-Based Modeling in Social Networks", International Journal of Engineering Trends and Technology Volume 72 Issue 7, 312-318, July 2024 ISSN: 2231-5381	https://doi.org/10.14445/22315381/IJET-V72I7P134	SCOPUS
3	Dr. Vaishali V. Bodade	Blockchain Based Intelligent System for Non-Fungible Token: A Novel Approach	Vijaya U. Pinjarkar, Vaishali V. Sarbhukan (Bodade), Jyoti S. More " Blockchain Based Intelligent System for Non-Fungible Token: A Novel Approach", International Journal of Engineering Trends and Technology Volume 72 Issue 7, 330-338, July 2024 ,ISSN: 2231-5381	https://doi.org/10.14445/22315381/IJET-V72I7P136	SCOPUS
4	Dr. Vaishali V. Bodade	Secure data transmission in cloud computing using a cyber-security trust model with multi-risk protection scheme in smart IOT	Torana Kamble ,Madhuri Ghuge, Ritu Jain , Vaishali Sarbhukan Bodade , " Secure data transmission in cloud computing using a cyber-security trust model with multi-risk protection scheme in smart IOT application",Cluster Computing-Springer Nature 2024, Published date 26 November 2024, Volume 28, article number 79, https://link.springer.com/article/10.1007/s10586-024-04847-z	https://link.springer.com/article/10.1007/s10586-024-04847-z	Springer

		application			
2023-24					
1	Dr. Shubhangi Vaikole	Chaotic Map Based Raster Data Encryption for Geospatial Data	Prajakta Bhangale, Shubhangi Vaikole, "Chaotic Map Based Raster Data Encryption for Geospatial Data", <i>International Journal of Safety and Security Engineering (IJSSE)</i> Volume 13, Number 6, December 2023, ISSN: 2041-9031 (Print); 2041-904X (Online),	https://doi.org/10.18280/ijssse.130615	Scopus
2	Dr. Shubhangi Vaikole	Smart Surveillance System for Intrusion Detection and Environmental Hazard Monitoring	Prathmesh Baviskar , Joshua Dabhi , Tejal Anavekar , Sujal Raina , Shubhangi Vaikole," Smart Surveillance System for Intrusion Detection and Environmental Hazard Monitoring", <i>Journal of Engineering Trends and Novel Research</i> , Volume 2 Issue 4, April-2024.ISSN: 2984-9276 PaperLink: https://rjpn.org/jetnr/papers/JETNR2404011.pdf	http://doi.org/10.1729/Journal.38998	--
3	Dr. Vaishali V. Bodade (Sarbhukan) Sharlene Rebeiro	Vigorous and Efficient Trust Model for Security Enhancement in MANET	Vaishali Sarbhukan , Sharlene Rebeiro , Lata Ragma, Renuka Pawar, " Vigorous and Efficient Trust Model for Security Enhancement in MANET", <i>International Journal of Engineering Trends and Technology</i> , Volume 71 Issue 10, 82-93, October 2023, ISSN: 2231-5381 /	https://doi.org/10.14445/22315381/IJET-V71I10P208	Scopus
4	Dr. Vaishali V. Bodade	Smart City Infrastructure Monitoring using AI and IoT Technologies	Dr. Vaishali V. Sarbhukan(Bodade), Dr. Jyoti More and Dr. Yogesh Jadhav," Smart City Infrastructure Monitoring using AI and IoT Technologies ", <i>International Journal of Intelligent Systems and Applications in Engineering. IJISAE</i>), ISSN:2147-679921, Year	https://ijisae.org/index.php/IJISAE/article/view/5644	Scopus

			2024, 12(21s), 1687–1695		
5	Mrs. Mukta Nivelkar	Investigation and Statistical Analysis of Cloud Droplet Dynamics Using Quantum Computing	Nivelkar, M., Bhirud, S., Ranjan, R. & Kumar, B. (2024). Investigation and Statistical Analysis of Cloud Droplet Dynamics Using Quantum Computing. <i>Journal of Computer Science</i> , 20(3), 344-356. ISSN: 1549-3636	https://doi.org/10.3844/jcssp.2024.344.356	Scopus
6	Poonam Bari	Machine Learning-based Extrapolation of Crop Cultivation Cost	P. Bari and L. Ragha, "Machine Learning-based Extrapolation of Crop Cultivation Cost", <i>Inteligencia Artificial</i> , Vol. 27 No. 74 , pp 90-101, 2024. e-ISSN:1988-3064 https://www.scopus.com/sourceid/24258	https://doi.org/10.4114/intartif.vol27iss74pp80-101	Scopus
2022-23					
1	Archana Shirke	Collaborative offloading decision policy framework in IoT using edge computing	Shirke Archana, and M. M. Chandane. "Collaborative offloading decision policy framework in IoT using edge computing." <i>Multimedia Tools and Applications</i> (January 2023): 1-15. (Springer SCI) DOI: Electronic ISSN - 1573-7721 Print ISSN - 1380-7501	https://doi.org/10.1007/s11042-023-14383-4	Scopus, SCI
2	Anandkumar Pardeshi	SPLICED IMAGE FORGERY DETECTION USING FSM	Shantanu Tondlekar, Sherin Thomas, Ryan Marian, Tejas Jagdale and Anand Pardeshi, "SPLICED IMAGE FORGERY DETECTION USING FSM", <i>Industrial Engineering Journal</i> , February 2023,ISSN: 0970-2555,Volume : 52, Issue 2, No. 1	http://www.journal-iiie-india.com/1_feb_23/53.pdf	UGC
2021-22					
1	Archana Shirke	Performance Modelling and Analysis of IoT Based Edge Computing Policies	Archana Shirke, Chandane, M.M. "Performance Modelling and Analysis of IoT Based Edge Computing Policies." <i>International Journal of Wireless Personal Communication</i> , Sept 2021. Electronic ISSN :1572-834X,Print ISSN : 0929-6212	https://doi.org/10.1007/s11277-021-09081-z	Springer Scopus
2	Mukta N.	Auxilium for Search and Rescue	Rohini B., Binu J, Calista G, Mukta Nivelkar, "Auxilium for Search and Rescue", In <i>International Journal for Research in Engineering</i>	DOI: 10.35291/2454-9150.2022	UGC

			Applications and Management (IJREAM), Vol 07, Issue11, pp 59 – 62, Feb 2022.,ISSN :2454-9150	.0051	
3	Anand P.	Discovering Market Movements for Making Informed Stock Decisions	Ananya Rajesh, Bryan Philip, Maria Johnson, Anand Pardeshi, "Discovering Market Movements for Making Informed Stock Decisions", International Journal for Research in Engineering Application & Management (IJREAM), ISSN : 2454-9150 Vol-07, Issue-12, pp 134 - 137, MAR 2022I	DOI : 10.35291/2454-9150.2022.0093	--
4	Chetana B.	Piano Transcriber	Vedant D, Sriaansh S, Rithik K, Chetana Badgujar, "Piano Transcriber", In International Journal of Engineering Research in Computer Science and Engineering (IJERCSE), Vol 09, Issue 4 , April 2022. ISSN(Online) :2394-2320	https://www.ijercse.com/viewabstract.php?id=15843&volume=Volume9&issue=Issue4	--

Table 1: List of Journal Publications

List of Conference Publications by the Faculty members:

2024-25(As on December 2024)					
Sr. No.	Name of Faculty	Title of Paper	Details of Publication	Link of paper	Index
1	Dr. Shubhangi Vaikole	Navigating the intersection of Quantum Computing, DNA;Based Data Storage and Geospatial Data Security: An overview	Prajakta Bhangale, Dr. Shubhangi Vaikole, "Navigating the intersection of Quantum Computing, DNA;Based Data Storage and Geospatial Data Security: An overview", International Conference on Computing Communication Control and Automation (ICCUBEA-2024), 23 to 24 August 2024, Pune	--	IEEE Scopus
2	Dr. Shubhangi Vaikole	Enhanced Geospatial Raster Data Protection : Harnessing Chaos Maps and DNA Encryption	Prajakta Bhangale, Dr. Shubhangi Vaikole, "Enhanced Geospatial Raster Data Protection : Harnessing Chaos Maps and DNA Encryption", International Conference on Computing Communication Control and Automation (ICCUBEA-2024), 23 to 24 August 2024, Pune	--	IEEE Scopus
3.	Dr. Vaishali V. Bodade	A Comprehensive Approach to Event Planning	Eby Elanjikal , Alisha Crasto , Simon Borde , Aastha Burboz , Dr. Vaishali Bodade, "A Comprehensive Approach to Event Planning Through		Scopus- Springer

		Through an Online Platform	an Online Platform”, 7 th International Conference on Recent Trends in Engineering and Technology, organized by VIT , Pune , VISHWACON 2024,22 to 23 November 2024		Nature
4	Dr. Trupti Lotlikar	Currency Detection for visually impaired using Deep learning	Dr. Trupti Lotlikar,Abhinn Amrit, Anushka Pawar,Mellisa Sequeira, Siddhesh Rane“Currency Detection for visually impaired using Deep learning"Eighth International Conference on Artificial Intelligence and Soft Computing – AISC 2024, held during Nov 25-26, 2024, Kochi, India	--	Scopus
2023-24					
1	Mrs. Lakshmi Gadhikar	Tire Recommendation System For Maximum Space Utilisation of Cargo Container	Lakshmi Gadhikar, Sanskar Bomble, Swayam Chatur, Sarvesh Karekar, Sarvesh khamkar , “Tire Recommendation System For Maximum Space Utilisation of Cargo Container”IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems (ICITEICS-2024) in association with the Vemana Institute of technology , Bengaluru. June 28-29 2024. Electronic ISBN:979-8-3503-8269-3 USB ISBN:979-8-3503-8268-6 Print on Demand(PoD) ISBN:979-8-3503-8270-9.	https://doi.org/10.1109/ICITEICS.2024.10625173	IEEE Scopus
2	Mrs. Lakshmi Gadhikar	Comparative Analysis of Algorithms for Cargo Container Space Optimization	Lakshmi Gadhikar, Sanskar Bomble, Swayam Chatur, Sarvesh Karekar, Sarvesh khamkar , “Comparative Analysis of Algorithms for Cargo Container Space Optimization” , 6th IEEE International Conference on Advances In Science & Technology (ICAST-2023) in association with the University of Mumbai, K J Somaiya Institute of Technology Sion, Mumbai. Dec 08-09 2023. Electronic ISBN:979-8-3503-5981-7, Print on Demand(PoD) ISBN:979-8-3503-5982-4	https://doi.org/10.1109/ICAST5.2023.10454999	IEEE Scopus

3	Dr. Vaishali V. Bodade (Sarbhukan)	Neural Network-Based Model for Osteoporosis Prediction: A Novel Approach for Enhanced Accuracy	Shruti Shetty, Aayushi Masurekar, Shreya Shetty, Renuka Pawar ,Vaishali Sarbhukan “Neural Network-Based Model for Osteoporosis Prediction: A Novel Approach for Enhanced Accuracy”, The Fourteenth IEEE International Conference on Computing , Communication and Networking Technologies (ICCCNT) , July 6-8 , 2023, IIT Delhi , India. Electronic ISBN:979-8-3503-3509-5 Print on Demand(PoD) ISBN:979-8-3503-3510-1	https://doi.org/10.1109/ICCCNT56998.2023.10308187	IEEE Scopus
4	Dr. Archana Shirke	PGTDR - Printed Gujarati Text Detection and Recognition	Sayali Ambure, Lisha Kothari, Niraj Patil, Tejas Patil, Dr. Archana Shirke, Dr. Shashikant Dugad, “PGTDR - Printed Gujarati Text Detection and Recognition”, 6th IEEE-International Conference on Advances in Science and Technology : IEEE-ICAST-2023 at KJSIT Sion Mumbai, 8th - 9th December 2023. Electronic ISBN:979-8-3503-5981-7. Print on Demand(PoD) ISBN:979-8-3503-5982-4	https://doi.org/10.1109/ICAST59062.2023.10454981	IEEE Scopus
5	Dr. Trupti Lotlikar	Cryptcast:E-Voting system Utilizing Blockchain	Sarvesha Swar,Sanika Shinde,Bharat Reddy,Parag Nimkar, Dr. Trupti Lotlikar “Cryptcast:E-Voting system Utilizing Blockchain” 6th IEEE International Conference on Advances In Science & Technology (ICAST-2023) in association with the University of Mumbai, K J Somaiya Institute of Technology Sion, Mumbai. Dec 08-09 2023. Electronic ISBN:979-8-3503-5981-7. Print on Demand(PoD) ISBN:979-8-3503-5982-4	https://doi.org/10.1109/ICAST59062.2023.10455047	IEEE Scopus
6	Dr. Trupti Lotlikar	Implementation of RemRover: a remotely controlled rover built using IoT and web sockets	Srividya Subramanium, Dr. Trupti Lotlikar,” Implementation of RemRover: a remotely controlled rover built using IoT and web sockets" IEEE 2nd International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIOT –2024), 4-5 January 2024, Bangaluru, India	https://doi.org/10.1109/IDCIOT59759.2024.10467611	IEEE Scopus

			InXPLORE COMPLIANT ISBN: 979-8-3503-2753-3.DVD ISBN: 979-8-3503-2752-		
7	Ms. Dhanashree Hadsul	WORKOUT WHIZ – YOUR PERSONALIZED AI PAL	Adarsh Jadhav, Sanskruti Unkule, Dhanashree Hadsul, Yash Chiddarwar, Prashant Padhy, “Workout Whiz – Your Personalized AI Pal” in 6th IEEE International Conference on Advances In Science & Technology (ICAST-2023) in association with the University of Mumbai, K J Somaiya Institute of Technology Sion, Mumbai. Dec 08-09 2023. Electronic ISBN:979-8-3503-5981-7. Print on Demand(PoD) ISBN:979-8-3503-5982-4	https://doi.org/10.1109/ICAST59062.2023.10455053	IEEE Scopus
8	Mrs. Poonam Prasad Bari	Optimizing Pesticide Decisions with Deep Transfer Learning by Recognizing Crop Pest	P. Bari, L. Raha, “Optimizing Pesticide Decisions with Deep Transfer Learning by Recognizing Crop Pest”, IEEE International Conference on new Frontiers in Communication, Automation, Management and Security (ICCAMS), Presidency University, Bangalore, October 27-28, 2023 Electronic ISBN:979-8-3503-1706-0. Print on Demand(PoD) ISBN:979-8-3503-1707-7	https://doi.org/10.1109/ICCAMS60113.2023.10525699	IEEE Scopus
9	Mr. Anandkumar Pardeshi	Deep Learning-Powered Web Attendance Tracker	Sweekrati Giri, Mrinalini De, Saumya Mary Dason, Krishna Saroj, Anandkumar Pardeshi (2024). Deep Learning-Powered Web Attendance Tracker, Proceedings of IRAJ International Conference, Mumbai, India, 27th March 2024 link	https://digitalxplore.org/proceeding.php?pid=2682	--
10	Mrs. Rupali Deshmukh	Smart Lab Management using Cloud and ML	Maitreyi Kulkarni , Srija Tirupathi, Pooja Tirupathi ,Adesh Abhang , Prof. Rupali Deshmukh “Smart Lab Management using Cloud and ML” 6th IEEE International Conference on Advances In Science & Technology (ICAST-2023) in association with the University of Mumbai, K J Somaiya Institute of Technology Sion, Mumbai. Dec 08-09 2023. Electronic ISBN:979-8-	http://dx.doi.org/10.1109/ICAST59062.2023.10454949	IEEE Scopus

			3503-5981-7. Print on Demand(PoD) ISBN:979-8-3503-5982-4		
11	Mrs. Rupali Deshmuk	Multi-Disease Prediction System Using Machine Learning	Jairus Mathews ,John Joseph, Ronald Reji, Abhijeet Kamthe , Prof. Rupali Deshmukh “Multi-Disease Prediction System Using Machine Learning” 6th IEEE International Conference on Advances In Science & Technology (ICAST-2023) in association with the University of Mumbai, K J Somaiya Institute of Technology Sion, Mumbai. Dec 08-09 2023. Electronic ISBN:979-8-3503-5981-7. Print on Demand(PoD) ISBN:979-8-3503-5982-4	https://doi.org/10.1109/ICAST59062.2023.10455036	IEEE Scopus
12	Mr. Suraj Khandare	Decentralized Cryptocurrency Trading Application	Akhil Akhilesh Suryam, Junaid Kazi, Suraj Khandare, Ritika Kumari, Divya Vinod, “Decentralized Cryptocurrency Trading Application”, 5 th IEEE International Conference on Innovative Trends in Information Technology, (ICITIIT 2024), 15 – 16 March 2024,,IIT, Kottayam, Kerala. Electronic ISBN:979-8-3503-8681-3. Print on Demand(PoD) ISBN:979-8-3503-8682-0	https://doi.org/10.1109/ICITIIT61487.2024.10580104	IEEE Scopus
13	Mrs.Supriya P.Joshi	Counterfiet Product Detection Using Machine Learning and Blockchain Technology	Abey Bernard,Soumya Nakhale,Maheshwari Phalke,Aditya Salunkhe,Jeremy John,Mrs.Supriya P.Joshi.”Counterfiet Product Detection Using Machine Learning and Blockchain Technology in the International Conference on Intellegent Computing and Networking(IC-ICN 2024) organized during February,23 rd and 24 th ,2024 at Thakur College of Engineering and Technology,Kandivali(E),Mumbai.	--	--
14	Mrs. Neelima Kulkarni	REAL-TIME VIDEO SURVEILLANCE SYSTEM	Nabeel Parve , Pratham Rangras, Faisal Sarang , Omkar Walve , Prof Neelima Kulkarni , “REAL-TIME VIDEO SURVEILLANCE SYSTEM”, 2nd International Conference on Advances in Technology and Management, (ICATM -2024), A. C. Patil College	--	--

			of Engineering Kharghar, Navi Mumbai.		
15	Mrs. Poonam Bari	A comparative Review of Agricultural practices using Machine Learning Approaches	Poonam Bari, Lata Ragha, “A comparative Review of Agricultural practices using Machine Learning Approaches”, National Conference on Innovative Technologies and Entrepreneurship Development in Agriculture, Faculty of Agricultural Engineering-PDKV Research & Incubation Foundation & Indian Society of Agricultural Engineers, Akola.	--	--
2022-23					
1	Dr. Shubhangi Vaikole	SUMMEET-ML based minutes of meeting generation tool	Yash Pratapwar, Abhinav GAjksah, Mitthun Kutthully, Mikhael Uzagare, Shubhangi Vaikole,” SUMMEET- ML based minutes of meeting generation tool”, International Conference on Recent Trends in Multidisciplinary Research and Innovations ICMIR-2023 at Lokmanya Tilak College of Engineering (LTCOE)- 17 & 18 March 2023.	--	--
2	Dr. Vaishali Bodade	FAScam: A FASTag Fraud Detection System	Siddhant Gunjal, Alessandra Serpes, Abhishek Yadav, Tini Tomy, Dr. Vaishali Bodade” A Survey on FAScam: A FASTag Fraud Detection System”, 5th Biennial IEEE co-sponsored International Conference on Nascent Technologies in Engineering (ICNTE 2023)at Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai, India, January 20-21, 2023.	https://ieeexplore.ieee.org/document/10146670	Scopus
3	Lakshmi Gadhikar	Linear Regression Approach For Stock Chart Pattern Recognition	Amay Tripathi , Jignesh Mathure , Shivam Deotarse , Darshak Rai, Lakshmi Gadhikar, “Linear Regression Approach For Stock Chart Pattern Recognition”, IEEE co-sponsored 5th Biennial International Conference on Nascent Technologies in Engineering (ICNTE 2023)at Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai, India, January 20-21, 2023. Electronic ISBN:978-1-6654-6504-5 Print on Demand(PoD) ISBN:978-1-6654-6505-2	https://doi.org/10.1109/ICNTE56631.2023.10146731	Scopus

4	Lakshmi Gadhikar	Vyakranly Hindi Grammar & Spelling Errors Detection and Correction System	Rachel S., Vasudha S., Shriya T., Rhutuja K., Lakshmi Gadhikar, "Vyakranly Hindi Grammar & Spelling Errors Detection and Correction System", IEEE co-sponsored 5th Biennial International Conference on Nascent Technologies in Engineering (ICNTE 2023)at Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai, India, January 20-21, 2023. Electronic ISBN:978-1-6654-6504-5 Print on Demand(PoD) ISBN:978-1-6654-6505-2.	https://doi.org/10.1109/ICNTE56631.2023.10146610	Scopus
5	Archana Shirke	GTReZ - Gujarati Text Recognition using Zone Segmentation	Joel D'silva, Aryan Koul, Madhur Thakkar, Neha Bharambe, Yashika Kuckian, Archana Shirke, Dr. Shashikant Dugad, "GTReZ - Gujarati Text Recognition using Zone Segmentation", 8th International Conference for Convergence in Technology - I2CT 2023, Pune, 7th - 9th April 2023.	https://ieeexplore.ieee.org/document/10126263	Scopus
6	Trupti Lotlikar	The Spiffy- A Discord Chatbot	Sarvesh Karekar, Junaid Kazi, Sarvesh Khamkar, Matreyi Kulkarni, Dr. Trupti Lotlikar, :The Spiffy- A Discord Chatbot, "IEEE co-sponsored 5th Biennial International Conference on Nascent Technologies in Engineering (ICNTE 2023)at Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai, India, January 20-21, 2023.	https://ieeexplore.ieee.org/document/10146616	Scopus
7	Mukta Nivelkar	Sign Language Recognition using Deep Learning	Esther C, Rishita M, Andea M, Jordan F and Mukta N, "Sign Language Recognition using Deep Learning" International Conference on Intelligent Computing and Networking IC-ICN 2023, Thakur College of Engineering and Technology (TCET), March 2023.	--	--
8	Mrs.Rupali Deshmukh	FDrive – Open-Source Document Sharing and Management Solution	Tom Akash , Ronad Bryan , Lobo Criston , Vashisht Vaivasvat and Deshmukh Rupali "FDrive – Open-Source Document Sharing and Management Solution", 1st International Conference on Science, Technology and Engineering (ICSTE-2023), NIT Manipur, Imphal, 17-18 Feb. 2023.	--	--

9	Rupali Deshmukh	SynthPipe: AI based Human in the Loop Video Dubbing Pipeline	A. J. Dsouza, A. Rachel Kumar, A. K. Wilson and R. Deshmukh, "SynthPipe: AI based Human in the Loop Video Dubbing Pipeline," 2022 Second International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT), 2022, pp. 1-5, doi:10.1109/ICAECT54875.2022.9807853.	DOI: 10.1109/ICAECT54875.2022.9807853	SCPOUS IEEE
10	Sharlene Rebeiro	Voxsolve: A Multilingual Voice Based Calculator	Catherine Sarah Sunil, Abhilesh Chavan, Arpeet Makasare, Aryan Arun Vaity, Sharlene Sara Rebeiro" Voxsolve: A Multilingual Voice Based Calculator", 4 th International Conference on Multidisciplinary Innovation in Academic Research - ICMIAR 2023, Chennai, India, 17 th a 18 th March 2023.	--	--
11	Mrs. Supriya P.Joshi	Nefty – The NFT Marketplace	Joanas Johraj,Samidha Khare,Cnigdha Soares,Mrs.Supriya P.Joshi, "Nefty – The NFT Marketplace", in an International Conference on Intelligent Computing and Networking (ICICN 2023) MULTICON-W 2023 - A platform for Multiple Conferences and Workshops the 14 International & National Conferences and Workshops" ISSN : 979-8-98798-39--1	--	--
12	Dr. Trupti Lotlikar	Digitization and securing life insurance using blockchain	Glen Muga, Augustine Nadar, Preethi Lydia, Arun Samuel, Dr. Trupti Lotlikar"Digitization and securing life insurance using blockchain" One-Day National Multi-Disciplinary Conference on "Healthy Learning Environment and its Impact on Student Satisfaction and Institutional Standing". On 27 th April 2023 At Ramanand Arya D.A. V College, Bhandup, Mumbai, India And Published in Peer Reviewed Journal ,Management Guru:Journal of Management Research, ISSN 2319-2429, april 2023 issue , vol:XI. Issue:03. Part-2, page 124.	--	--

13	Dr. Trupti Lotlikar	CoinMarketCap Web 3.0 Blockchain Cryptocurrency Trading Web Application	Harshal Deshmukh, Ninad Walanj, Dr. Trupti Lotlikar, Abhijeet Kadam, Nilay Bhatt "CoinMarketCap Web 3.0 Blockchain Cryptocurrency Trading Web Application" National Conference on Healthy learning environment and its impact on student satisfaction and institutional standing" organised by Ramanand Arya D.A.V college.Mumbai. And Published in Peer Reviewed Journal ,Management Guru:Journal of Management Research, ISSN 2319-2429, april 2023 issue , vol:XI. Issue:03. Part-2, page 14.	--	--
2021-22					
1	Lakshmi Gadhikar	Natural Language to Code, for Data Science Applications	Abhishek Gupta, Ansh Chhadva, Omkar Bhabal, Lakshmi Gadhikar, "Codify: "Natural Language to Code, for Data Science Applications" ", In Elsevier SSRN proceedings of 7th International Conference on Innovations and Research in Technology & Engineering, (ICIRTE 2022), at Vasantdada Patil Pratishthan's College of Engineering and Visual Arts, Mumbai. 8 th & 9 th April 2022. https://ssrn.com/abstract=4111759	https://dx.doi.org/10.2139/ssrn.4111759	
2	Lakshmi Gadhikar	Completenator : Advance Code Completion	Abdul Azim, Nadar Robinson, Juliet Jose, Lakshmi Gadhikar, "Completenator: Advance Code Completion ", In Elsevier SSRN proceedings of 7th International Conference on Innovations and Research in Technology & Engineering, (ICIRTE 2022), at Vasantdada Patil Pratishthan's College of Engineering and Visual Arts, Mumbai. 8 th & 9 th April 2022.	https://ssrn.com/abstract=4111752 https://dx.doi.org/10.2139/ssrn.4111752	
3	Archana Shirke	EmotiSync - Music Recommendation system using facial Recognition	Selin Sara Varghese, Benitta Mariam Babu, Manjiri Kherdekar, Archana Shirke, "EmotiSync - Music Recommendation system using facial Recognition" in 2nd International Conference on Emerging trends and technologies on Intelligent Systems (ETTIS - 2022) organized by	https://link.springer.com/chapter/10.1007/978-981-19-4182-5_1	

			Petroleum gas University of Ploiesti, Romania in association with CDAC Noida on 23rd March, 2022 published in Springer CCIS.		
4	Archana Shirke	TEYSuR-Text Extraction with YOLO and super Resolution	Srividya S., Vineet K, Gladina R., Kapil Parab, Shashikant D., Archana Shirke, "TEYSuR-Text Extraction with YOLO and super Resolution" in International Conference for Advancement in Technology (ICONAT- 2022), at Rajarambapu Institute of Technology, Rajaramnagar, Uran Islampur, Maharashtra. 21 & 22-Jan 2022	https://ieeexplore.ieee.org/document/9726124	
5	Trupti Lotlikar	ML-Wasm Entropy and Plot: Dataframes and Plotting powered by WebAssembly and Rust	Dion Pinto, Arpit Bhat, Immanuel Gnanadurai, Trupti Lotlikar "ML-Wasm Entropy and Plot: Dataframes and Plotting powered by WebAssembly and Rust", Springer conference on computer networks, big data and iot :Iccbi 2021, online , CARE engineering college, Trichy 9-10/12/2021. Book Chapter : In: Pandian, A.P., Fernando, X., Haoxiang, W. (eds) Computer Networks, Big Data and IoT. Lecture Notes on Data Engineering and Communications Technologies, vol 117. Springer, Singapore. 22 May 2022, pp 295–305. Online ISBN 978-981-19-0898-9 Print ISBN 978-981-19-0897-2	https://doi.org/10.1007/978-981-19-0898-9_23	
6	Trupti Lotlikar	Linear Algebra in the Browser powered by WebAssembly	Archit Bhonsle, Ved Patil, Tanvi Valkunde, Trupti Lotlikar" Linear Algebra in the Browser powered by WebAssembly", IEEE International Conference - ICONAT – 2022, Rajarambapu Institute of Technology Rajaramnagar, Uran Islampur, Maharashtra. Electronic ISBN:978-1-6654-2577-3 Print on Demand(PoD) ISBN:978-1-6654-2578-0 https://ieeexplore.ieee.org/document/9725939	DOI: 10.1109/ICONAT53423.2022.9725939	
7	Dhanashree H.	trAIner - An AI Fitness Coach Solution	Vaibhav Singh, Atharva Patade, Gaurang Pawar, Dhanashree Hadsul, "trAIner - An AI Fitness Coach Solution" 2022 IEEE 7th International conference for	https://ieeexplore.ieee.org/document/9824511	

			Convergence in Technology (I2CT) Pune, India. Apr 07-09, 2022		
8	Mukta N.	Hate Detection for Social Media Text with User Alert System.	Ashley, J., Nisen, N., Lasrado, R., Nivelkar, M. (2022). Hate Detection for Social Media Text with User Alert System. International Conference on Electrical and Electronics Engineering, ICEEE 2022. Book Chapter In: Mekhilef, S., Shaw, R.N., Siano, P. (eds) Innovations in Electrical and Electronic Engineering. ICEEE 2022. Lecture Notes in Electrical Engineering, vol 894. Springer, Singapore. . 14 April 2022. Print ISBN978-981-19-1676-2 Online ISBN978-981-19-1677-9	https://doi.org/10.1007/978-981-19-1677-9_25	
9	Poonam Prasad Bari	Computerized Data-preprocessing to Improve Data Quality	Rohan Gawhade, Lokesh Bohara, Jesvin Mathew, Poonam Bari, "Computerized Data-preprocessing to Improve Data Quality", Second International Conference on Power, Control and Computing Technologies (ICPC2T), NIT, Raipur, 2022. Added to IEEE Xplore: 26 May 2022, DOI : Electronic ISBN:978-1-6654-5858-0 Print on Demand(PoD) ISBN:978-1-6654-5859-7	https://doi.org/10.1109/ICPC2T.2022.9776676	
10	Smita Rukhande	Wyverns Scuffle: An MMO Game Using Unreal Engine 4 and Blender 3D	Jay Warke and Swapnil Urunkar, Smita Rukhande “Wyverns Scuffle: An MMO Game Using Unreal Engine 4 and Blender 3D”, 6th International conference on Soft Computing: Theories and Applications (Socta 2021) organized by Indian Institute of Information Technology (IIIT) Kota, Rajasthan, December 17-19, 2021, Book Chapter In: Kumar, R., Ahn, C.W., Sharma, T.K., Verma, O.P., Agarwal, A. (eds) Soft Computing: Theories and Applications. Lecture Notes in Networks and Systems, LNNS vol 425. Springer, Singapore. 02 June 2022 https://doi.org/10.1007/978-981-19-0707-4_41 Print ISBN978-981-19-0706-7 Online ISBN978-981-19-0707-4	https://link.springer.com/chapter/10.1007/978-981-19-0707-4_41	

11	Smita Rukhande	Automated Journalism based on Sports Analysis”, 4th International Conference on Information Systems and Management Science	Eeshan Nanekar, Siddhant Nalawade, Zenden Castelino, Smita Rukhande, “Automated Journalism based on Sports Analysis”, 4th International Conference on Information Systems and Management Science (ISMS 2021)Organized by The faculty of ICT, University of Malta, Msida, Malta & Department of Computer Science and Engineering National Institute of Technology Raipur, India. December 14-15, 2021.in Lecture Notes in Networks and Systems, Springer (Indexed in SCOPUS)	https://link.springer.com/chapter/10.1007/978-3-031-13150-9_45	
12	Rupali N Deshmukh	REDE - Detecting human emotions using CNN and RASA	Gupta, M. A. Raj, K. Singh and R. Deshmukh, "REDE - Detecting human emotions using CNN and RASA," 2022 International Conference for Advancement in Technology (ICONAT), 2022, GOA, INDIA (Technical Co- Sponsor-IEEE Bombay section) pp. 1-6, Date Added to IEEE <i>Xplore</i> :10 March 2022. Electronic ISBN:978-1-6654-2577-3 Print on Demand(PoD) ISBN:978-1-6654-2578-0	doi: 10.1109/ICONAT53423.2022.9726090	
13	Suraj Khandare	Vehicle Monitoring for Violation and Traffic Density Analysis	Gowda, Jaideep and Abraham, Akhil and Sabu, Benson.P and Khandare, Prof. Suraj, Vehicle Monitoring for Violation and Traffic Density Analysis (May 7, 2021). Proceedings of the 4th International Conference on Advances in Science & Technology (ICAST2021), Available at SSRN: https://ssrn.com/abstract=3870253	http://dx.doi.org/10.2139/ssrn.3870253	
14	Chetana Badgujar	Elcare:elderly care with fall detection	Swaroop Gogate,Chirag Jawale,Chetana Badgujar , “Elcare:elderly care with fall detection ” International Conference on application of Intelligent Computing in Engineering and Science (AICE 2022) ,NIT,Raipur. Published under licence by IOP Publishing Ltd - Journal of Physics: Conference Series, Volume 2273, International Conference on Applications of Intelligent Computing in Engineering and Science (AICES-2022)12th -13th Feb	https://iopscience.iop.org/article/10.1088/1742-6596/2273/1/012019	

			2022 Online		
15	Sharlene Rebeiro	CoviMon - Pandemic Healthcare Monitoring System	T. Polly, R. Johnwilson and S. S. Rebeiro, "CoviMon - Pandemic Healthcare Monitoring System," International Conference for Advancement in Technology (ICONAT), 2022, pp. 1-4, 21-22 Jan 2022. Electronic ISBN:978-1-6654-2577-3 Print on Demand(PoD) ISBN:978-1-6654-2578-0	doi: 10.1109/ICONAT53423.2022.9725920.	
16	Mrs.Supriya Joshi	Personalized College Recommender and Cutoff Predictor for Direct Second Year Engineering	Tanmay Mhatre, Majeed Inamdar, Nadar Pravin, Prof. Supriya Joshi, "Personalized College Recommender and Cutoff Predictor for Direct Second Year Engineering", IEEE 2022 7th International Conference for Convergence in Technology (I2CT), 7 th April 2022.	https://ieeexplore.ieee.org/document/9825378	

Table 2: List of Conference Publications

List of Books/Book Chapter Publication by Faculty:

Sr. No.	NAME OF FACULTY	DETAILS OF BOOKS/ BOOK CHAPTERS PUBLISHED	Date	Index
1	Dr. Mukta Nivelkar	Nivelkar, M. ., & Bhirud, S. G. . (2024). The Utilization of Quantum Computing Methods for the Implementation of Supervised Machine Learning Frameworks. <i>Theory and Applications of Engineering Research Vol. 2</i> , 19–32. https://doi.org/10.9734/bpi/taer/v2/2484G [Book Chapter] ISBN 978-81-969141-0-3 (eBook)	January 2024	Google Scholar
2	Dr. Shubhangi Vaikole	Book-Deep Learning- R19-Computer Engineering and Electronics & Computer Science, Mumbai University, Techno Publication ISBN: 978-93-5583-264-1	December 2022	--
3	Dr. Shubhangi Vaikole	Book- Machine Learning- R19- Electronics Engineering, Mumbai University, Techno Publication ISBN : 978-93-89926-82-8	December 2022	--
4	Dr. Shubhangi Vaikole	Book- Machine Learning- R19- AIDS, CSE(DS, CSE(AILML), AIML, DE, ECS, Mumbai University, Techno Publication ISBN : 978-93-5583-079-1	December 2022	--

Table 3: List of Book/Book Chapters Publications

List of Patent Publication by Faculty:

Sr. No.	Year	Name of faculty	Title of the Patent	Patent Application/ Patent Number & Date	Application Status
1	2023-24	Mrs. Mukta Nivelkar	System and method for analysis of cloud droplet dynamics in high and low vorticity regions using direct numeric simulation (DNS) data.	Application No-451554 Patent Filed Date - 7/2/2023 Patent Published Date - 10/03/2023 Patent Granted-Date 14/09/2023	Granted
2	2022-23	Mrs. Archana Shirke	A System for Resource Optimization in smart homes using the Internet of Things	Application No-20221038709 Filing Date 05/07/2022	Filled
3	2022-23	Dr. Shubhangi Vaikole	A Novel and cost effective IOT based system to control Infant Warmer	Date of Grant: 21/11/2022 Patent ID: 202022104445.7	Granted

Table 4: List of Patent Publications

List of CopyRight Publication by Faculty:

Sr. No.	Year	Name of faculty	Title of the Copyright	Copyright Application/ Copyright Number	Date of filing/ Registration
1	2024-25	Dr. Shubhangi Vaikole	Voice activated multilingual search assistant	Registration Number: SW-19318/2024	Date of Registration: 12/08/2024
2	2024-25	Dr. Shubhangi Vaikole	Geospatial Data Security by using Hybrid Chaotic Map	Registration Number: SW-23396/2024	Date of Registration :01/7/2024
3	2024-25	Dr. Archana Shirke	Crowd Flow Analyzer	Registration Number: SW-19447/2024	Date of Registration: 11/09/2024

Table 5: List of Copyright Publications