Conference / Book chapters published in Year 2023

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	ISBN/ISSN	Name of the publisher
1	Kavitha S	NA	Categorization of Nutritional Defeciencies in Plants with Random Forest	IEEE Xplore	5th IEEE International Conference on Information, Implementation & Innovation in Technology	978-1-6654-9897-5	IEEE
2	Harshavardhan Vibhandik, Sudhanshu Kale , Samiksha Shende, Dr. Mahesh Goudar	NA	Medical Assistance Robot with capabilities of Mask Detection with Automatic Sanitization and Social Distancing Detection/ Awareness	IEEE Explore	Sixth International Conference on Electronics, Communication and Aerospace Technology (ICECA 2022)	978-1-6654-8271-4	IEEE Explore
3	Avinash Kumar, Prathmesh Vhatkar, Hrijul Shende, Ashitosh Chavan, Kaliprasad Mahapatro	NA	Real- Time Trajectory Prediction and Localization of Omni-directional Badminton Robot	IEEE Explore	2022 IEEE Pune Section International Conference (PuneCon)	978-1-6654-9897-5	IEEE
4	Shrutika Deokar, Shridhar Khandekar	NA	Identification Of Pedestrian Movement And Classification Using Deep Learning For Advanced Driver Assistance System	IEEE Explore	2022 International Conference on Augmented Intelligence and Sustainable Systems (ICAISS)	978-1-6654-8962-1	IEEE
5	Kshitij Darwhekar; Amey Patil; Sankalp Ghodke; Rushikesh Bawkar; Shilpa Rudrawar	NA	Computer Vision based Intelligent Traffic Management System	IEEE Explore	2022 6th International Conference on Electronics, Communication and Aerospace Technology	978-1-6654-8271-4	IEEE
6	Nagulpelli, S., Chavan, A., Kandalkar, A., Smita Kulkarni	Lecture Notes in Electrical Engineering	AI-Based Health Management System	Lecture Notes in Electrical Engineering	1st International Conference on Intelligent Systems and Applications 2022	978-981-19-6581-4	Springer

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7	Pranav Unkule, Chatak Shinde, Pratik Saurkar, Sanchit Agarkar, and Prof. Usha Verma	NA	CNN based Approach for Sign Recognition in the Indian Sign language'	IEEE Explore	IEEE 2022 International Conference on Augmented Intelligence and Sustainable Systems (ICAISS).	978-1-6654-8962-1	IEEE Explore
8	Mahesh P. Joshi	NA	Advanced AI based controller for wind turbine pitch control	IEEE Xplore	ICAISS_2022	978-1-6654-6941-8	IEEE Explore
9	Pranali P. Lokhande	Shaw, R.N., Paprzycki, M., Ghosh, A. (eds) Advanced Communication and Intelligent Systems.	Cardiac Disease Detection Using IoT-Enabled ECG Sensors and Deep Learning Approach	NA	International Conference on Advanced Communication and Intelligent Systems	978-3-031-25087-3	Springer
10	Pranav Shriram	NA	Cyber Attack Detection and Implementation of Prevention Methods For Web Application	IEEE Xplore	IEEE Bombay Section Signature Conference (IBSSC)	978-1-6654-9291-1	IEEE
11	Pramod D. Ganjewar	Engineering Cyber-Physical Systems and Critical Infrastructures	Privacy Thread Reduction Using Modified Multi-Line Code Generation Algorithm (MMLCGA) For Cancelable Biometric Technique (CBT)	Engineering Cyber-Physical Systems and Critical Infrastructures	International Conference on Intelligent Cyber Physical Systems and Internet of Things (ICoICI 2022)	978-3-031-18497-0	Springer
12	Madkar, S., Sakhare, D.Y., Phutane, K.A., ...Nikam, K.B., Tharunyha, S.	NA	Video Based Forest Fire and Smoke Detection Using YoLo and CNN	IEEE Explore	3rd International Conference on Power, Energy, Control and Transmission Systems, ICPECTS 2022	978-1-6654-6275-4	IEEE
13	Rashmi Mahajan, Dipti Sakhare and Rohini Gadgil,	Wiley, Scrivener	Review of Artificial Intelligence Applications and Architectures	NA	NA	9.78112E+12	Wiley
14	Pranali P. Lokhande	Communications in Computer and Information Science	Cardiac Disease Detection Using IoT-Enabled ECG Sensors and Deep Learning Approach	Communications in Computer and Information Science	International Conference on Advanced Communication and Intelligent Systems 2022	978-3-031-25087-3	Springer, Cham

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15	Saumya Band, Ruturaj Javeri, Vaibhav Kale, Abhishek Morope & Shilpa Rudrawar	NA	Military Surveillance System Based on IOT	IEEE Explore	Fourth International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT).	978-1-6654-5635-7	IEEE Explore
16	Triveni Gaidhane; Shraddha Shinde; Nilesh Aurade; Usha Verma	NA	Smart Disease Prevention System	IEEE Explore	2022 Fourth International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT)	978-1-6654-5635-7	IEEE Explore
17	Gothi A., Mandal D., Bangde K., Ghogare S., Rajarapollu P.	NA	Development of Web Application for Accessing & Managing e - Resources	IEEE Explore	2023 International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT)	978-1-6654-7451-1	IEEE Explore
18	Sandeep Shiravale	NA	Secure cloud storage using a Digest Algorithm	IEEE Xplore	7th international Conference on Computing Methodologies and Communication.	978-1-6654-6408-6	IEEE
19	Shubhangi Kale	NA	Sign Language Recognition System using CNN	IEEE Xplore	2023 International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics	978-1-6654-9260-7	IEEE
20	V. Gour, M. Gurnule, M. Kaif, A. Bherje and N. V. Bansode	NA	Improved Audio Filtration using IIR Filter	IEEE Explore	International Conference on Emerging Smart Computing and Informatics (ESCI)	978-1-6654-7524-2	IEEE Explore

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21	Smita Kulkarni, Jadhav S.	NA	Insight on Human Activity Recognition Using the Deep Learning Approach	IEEE Explore	International Conference on Emerging Smart Computing and Informatics (ESCI)	978-1-6654-7524-2	IEEE Explore
22	K. Mankar, S. Pawar, H. Agarwal, T. Sangale and S. Kulkarni	NA	Web Based Book Recommendation System Using Collaborative Filtering	IEEE Explore	International Conference on Emerging Smart Computing and Informatics (ESCI)	978-1-6654-7524-2	IEEE Explore
23	Dr. V. A. Bhosale	Lecture Notes in Mechanical Engineering. Springer, Singapore.	A Pythagorean Fuzzy AHP Approach to Evaluate the Enablers of Healthcare Operations	Lecture Notes in Mechanical Engineering. Springer, Singapore.	Advanced Engineering Optimization Through Intelligent Techniques, 2022	978-981-19-9284-1	Springer
24	Diptee Chikmurge	Adaptation, Learning and Optimization ((PALO,volume 17))	Emotion Detection Using Deep Fusion Model	Adaptation, Learning and Optimization ((PALO,volume 17))	International Conference on Intelligent Vision and Computing	978-3-031-31163-5	Springer
25	Dr. Sunita Barve	NA	Interview Bot with Automatic Question Generation and Answer Evaluation	IEEE Xplore	2023 9th International Conference on Advanced Computing and Communication Systems (ICACCS)	979-8-3503-9737-6	IEEE
26	Ranjana Badre	NA	Comparison Of Different Approaches for Automized Medical Chatbot	IEEE Xplore	Sardar Patel International Conference on Industry 4.0 - Nascent Technologies and Sustainability for 'Make in India' Initiative	NA	IEEE
27	Pranav Shriram	-	Finding The Pollution Free Path Using Air Quality Index	NA	International Conference On Green Energy 2023	NA	UGC Care
28	Prajakta Ugale	-	Semantic Aware Video Clipper Using Speech Recognition Toolkit	NA	International Conference on Intelligent Vision and Computing	978-3-031-31163-5	Springer

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29	K. Gunturi, V. Bhosle, M. Vharkate, S. Kadam and H. Sengar	NA	Identification of Plant Disease Using CNN	IEEE Xplore	International Technology Conference on Emerging Technologies for Sustainable Development	978-1-6654-9294-2	IEEE
30	Deepak Prajapat, Ruchi Khare and Shyam N. Shukla	NA	Evaluation of the effect of diffuser vanes on the performance of multistage pump using numerical simulation	NA	9th International and 49th National Conference on Fluid Mechanics and Fluid Power(FMFP) 2022, IIT Roorkee, Roorkee-247667, Uttarakhand, India	NA	Not Yet Published
31	Nikhil Bhalerao, Khushal kanade,Dr. Shyam Shukla, Sachin Shinde	NA	Impact on Aquatic Life Due to Water Pollution in Indrayani River	AIP Proceedings and Materials Today Proceedings	International Conference on Innovations in Mechanical and Civil Engineering (i-MACE)	NA	Elsevier
32	Nikhil Bhalerao, Khushal kanade,Dr. Shyam Shukla, Sachin Shinde	NA	CFD Analysis of Pump Intakes - A Review of The State of The Art	AIP Proceedings and Materials Today Proceedings	International Conference on Innovations in Mechanical and Civil Engineering (i-MACE)	NA	Elsevier
33	Vaibhavi Chopade, Smriti Singh, Yogam Dekate, Pranjal Gawali, Dr. Shyam Shukla	NA	Energy Saving Opportunities in Pumps and Pumping System – A Critical Review	AIP Proceedings and Materials Today Proceedings	International Conference on Innovations in Mechanical and Civil Engineering (i-MACE)	NA	Elsevier