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List of Publications (Journal / Conference/ Proceedings / Book Chapters etc...)

Sr. No	Details	Type (Journal / Conference/ Proceedings / Book Chapters)
	<b>A. Y. 2025-26</b>	
1	Dr. N. Gobi , Pushpa Latha Mamidi, Gurucharansingh J. Sahani, et al. Pricing Intelligence 2.0: AI's Disruptive Impact on Market Strategies. <a href="https://theaspd.com/index.php/ijes/article/view/2558">https://theaspd.com/index.php/ijes/article/view/2558</a>	Journal
2	Srijita Bhattacharjee , Vinod Sapkal , Varun Kumar Sharma , Abhay Rewatkar , Swati V. Khidse, Piyush K. Ingole Federated learning for privacy-preserving multi-center tuberculosis diagnosis using chest imaging data <a href="https://doi.org/10.1016/j.ijtb.2025.11.011">https://doi.org/10.1016/j.ijtb.2025.11.011</a>	Journal
3	K. L. V Naga Sree, T Madhavi Latha, Pallavi Pandit, Yogesh H. Bhosale, et al. Quantum Confinement Effects In Self-Assembled Perovskite Nanofilms For Room-Temperature Spintronics <a href="https://doi.org/10.64252/8hz8v924">https://doi.org/10.64252/8hz8v924</a>	Journal
4	Sudhanshu Maurya, K. Bala Chowdappa, Shanmuga Priya R., Yogesh H. Bhosale, et al. Adaptive Color Correction and Detail-Preserving Fusion for Enhanced Underwater Image Quality and Segmentation <a href="https://doi.org/10.48084/etasr.11438">https://doi.org/10.48084/etasr.11438</a>	Journal
5	R.Sugunthakunthalambigai, G.Sekar, Sumit Kushwaha, Gulja S Nair, Yogesh H. Bhosale Computer Vision-Based Autonomous Drone Surveillance For Illegal Deforestation Detection In Protected Forests <a href="https://doi.org/10.64252/c078km84">https://doi.org/10.64252/c078km84</a>	Journal
6	R. Brimapureeswaran, K. Senthil Kumar, Yogesh H. Bhosale, et al. Computer Vision-Based Autonomous Drone Surveillance For Illegal Deforestation Detection In Protected Forests <a href="https://doi.org/10.64252/c078km84">https://doi.org/10.64252/c078km84</a>	Journal

7	Yogesh H. Bhosale, et al. AI-Driven Predictive Models for Early Detection of Periodontal Disease: A Data Management Approach in Clinical Dentistry <a href="https://doi.org/10.64149/J.Carcinog.24.2s.140-149">https://doi.org/10.64149/J.Carcinog.24.2s.140-149</a>	Journal
8	Yogendra Narayan, Surender Khan, Neetu Sharma, Yogesh H. Bhosale, et al. Pricing Intelligence 2.0: AI's Transformative Influence on Market Strategies <a href="https://doi.org/10.61336/jrcd/25-S3-86">https://doi.org/10.61336/jrcd/25-S3-86</a>	Journal
9	Sandeep Kumar Mathariya, Yogesh H. Bhosale, et al. Real-Time Monitoring of Fetal Arrhythmias Using AI-Driven Cardiotocography Systems <a href="https://verjournal.com/index.php/ver/article/view/171">https://verjournal.com/index.php/ver/article/view/171</a>	Journal
10	Vidya Kamma, Yogesh H. Bhosale, et al. Integrating IoT and Cloud Analytics for Real-Time Monitoring of Post-Surgical Recovery in Maxillofacial Patients <a href="https://verjournal.com/index.php/ver/article/view/174">https://verjournal.com/index.php/ver/article/view/174</a>	Journal
11	Yogesh H. Bhosale, et al. AI-Enabled Early Detection of Preeclampsia: A Predictive Model Based on Multivariate Biomarker Analysis <a href="https://verjournal.com/index.php/ver/article/view/173">https://verjournal.com/index.php/ver/article/view/173</a>	Journal
12	D. Anil, Ravinder Singh Kuntal, Sudhanshu Maurya, S. Pooja Ahuja, Savitha Hiremath, Basavaraj N. Hiremath, G. S. Girisha, Yogesh H. Bhosale MAE- and DINOv2-Powered DETR++: A Hybrid, Transformer-Based Self-Supervised Framework for Accurate Object Detection <a href="https://doi.org/10.48084/etasr.12919">https://doi.org/10.48084/etasr.12919</a>	Journal
13	Abhishek Baplawat, Jyoti Mahesh Shete, Sajitha J Kurup, Sanjose A Thomas, Yogesh H. Bhosale, Aditi Priya AI-Driven Policy Enforcement in Local Governance: Legal Frameworks and Ethical Boundaries AI-Driven Policy Enforcement in Local Governance: Legal Frameworks and Ethical Boundaries   Vascular and Endovascular Review	Journal
14	Vadicherla Rakeshdatta, Gandhikota Umamahesh, Yusuf Perwej, Mohammad Arif, Yogesh H. Bhosale Blockchain-Based Secure Data Exchange for AI-Powered Diabetes Research and Personalized Therapy <a href="https://verjournal.com/index.php/ver/article/view/625">https://verjournal.com/index.php/ver/article/view/625</a>	Journal
15	Sudheer Nidamanuri, Yogesh H. Bhosale, et al. Neonatal Sepsis Prediction Using AI-Based Vital Sign	Journal

	Analysis in NICUs: A Multicenter Retrospective Study <a href="https://verjournal.com/index.php/ver/article/view/1285">https://verjournal.com/index.php/ver/article/view/1285</a>	
16	Awwab Mohammad, N. Praveen, Pandiarajan S, R. Shreeshayana, Samudrala Jagadeesh, Anjali Raj, Basavaraj Patil, Yogesh H. Bhosale, Sanjana M. Nagaraj, D. Anil NetPhish-Mix: A Multi-Modal Phishing Detection Method Utilizing URL Graphs and Page Screenshot Vision Transformer <a href="https://doi.org/10.48084/etasr.15759">https://doi.org/10.48084/etasr.15759</a>	Journal
17	Vijay Eknath Magre, Dr. S. V. Khidse, Prof. A. S. Sardar, Dr. S. P. Abhang IoT-Driven Intelligent Motor Health Assessment and Predictive Maintenance Using Machine Learning Models <a href="http://www.jetir.org/papers/JETIR2511506.pdf">http://www.jetir.org/papers/JETIR2511506.pdf</a>	Journal
18	Rani Chhagan Dalvi, Dr. Sandeep P. Abhang, et al. Provision For Load Balancing In Secured And Optimised Application Delivery Service in Public Cloud Provision For Load Balancing In Secured And Optimised Application Delivery Service in Public Cloud <a href="https://www.jetir.org/view?paper=JETIR2511351">https://www.jetir.org/view?paper=JETIR2511351</a>	Journal
19	Priyanka Sopan Mogal, Dr. K D kharat Review on Prediction of Diabetes Using Machine Learning Classification Algorithms DOI: 10.55041/IJSREM51179	Journal
	<b>A. Y. 2024-25</b>	
1	Bhosale, Y.H., Patnaik, K.S., Zanwar, S.R. <i>et al.</i> Thoracic-net: Explainable artificial intelligence (XAI) based few shots learning feature fusion technique for multi-classifying thoracic diseases using medical imaging. <i>Multimed Tools Appl</i> (2024). <a href="https://doi.org/10.1007/s11042-024-20327-3">https://doi.org/10.1007/s11042-024-20327-3</a>	Journal
2	Suvarna S Pawar, Mukund B.Wagh, Nandkishor P Karlekar, Vishal V Puri, G. J. Sahani, Swati V. Khidse: A Linear Swarm Based Intelligence for Resource Allocation and Fault Prediction in Cloud.	Journal
3	Rajkiran N Jadhav : AI Based Stock Market Prediction Device	Patent.
	<b>A. Y. 2023-24</b>	
1	Zanwar, S.R., Bhosale, Y.H., Bhuyar, D.L. <i>et al.</i> English Handwritten Character Recognition Based on Ensembled Machine Learning. <i>J. Inst. Eng. India Ser.</i>	Journal

	B 104, 1053–1067 (2023). <a href="https://doi.org/10.1007/s40031-023-00917-9">https://doi.org/10.1007/s40031-023-00917-9</a>	
2	Bhosale, Y.H., Patnaik, K.S. Bio-medical imaging (X-ray, CT, ultrasound, ECG), genome sequences applications of deep neural network and machine learning in diagnosis, detection, classification, and segmentation of COVID-19: a Meta-analysis & systematic review. <i>Multimed Tools Appl</i> <b>82</b> , 39157–39210 (2023). <a href="https://doi.org/10.1007/s11042-023-15029-1">https://doi.org/10.1007/s11042-023-15029-1</a>	Journal
3	Bhosale, Y.H., Patnaik, K.S. Application of Deep Learning Techniques in Diagnosis of Covid-19 (Coronavirus): A Systematic Review. <i>Neural Process Lett</i> <b>55</b> , 3551–3603 (2023). <a href="https://doi.org/10.1007/s11063-022-11023-0">https://doi.org/10.1007/s11063-022-11023-0</a>	Journal
4	Yogesh H. Bhosale, K. Sridhar Patnaik, PulDi-COVID: Chronic obstructive pulmonary (lung) diseases with COVID-19 classification using ensemble deep convolutional neural network from chest X-ray images to minimize severity and mortality rates, <i>Biomedical Signal Processing and Control</i> , Volume 81, 2023, 104445, ISSN 1746-8094, <a href="https://doi.org/10.1016/j.bspc.2022.104445">https://doi.org/10.1016/j.bspc.2022.104445</a> .	Journal
5	Y. H. Bhosale, S. R. Zanwar, S. S. Ali, N. S. Vaidya, R. A. Auti and D. H. Patil, "Multi-Plant and Multi-Crop Leaf Disease Detection and Classification using Deep Neural Networks, Machine	Conference Proceedings

	Learning, Image Processing with Precision Agriculture - A Review," <i>2023 International Conference on Computer Communication and Informatics (ICCCI)</i> , Coimbatore, India, 2023, pp. 1-7, doi: 10.1109/ICCCI56745.2023.10128246	
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	<b>A. Y. 2022-23</b>	

1	Y. H. Bhosale and K. S. Patnaik, "Graph and Capsule Convolutional Neural Network Based Classification of Lung Cancer, Pneumonia, COVID-19 using Lung CT and Ultrasound Radiography Imaging," <i>2022 8th International Conference on Signal Processing and Communication (ICSC)</i> , Noida, India, 2022, pp. 381-387, doi: 10.1109/ICSC56524.2022.10009568	Conference Proceedings
2	Bhosale, Y.H., Singh, P., Patnaik, K.S. (2023). COVID-19 and Associated Lung Disease Classification Using Deep Learning. In: Gupta, D., Khanna, A., Hassanien, A.E., Anand, S., Jaiswal, A. (eds) <i>International Conference on Innovative Computing and Communications. Lecture Notes in Networks and Systems</i> , vol 492. Springer, Singapore. <a href="https://doi.org/10.1007/978-981-19-3679-1_22">https://doi.org/10.1007/978-981-19-3679-1_22</a>	Book Chapter
3	Y. H. Bhosale and K. Sridhar Patnaik, "ECG-CCNet: Cardiovascular(Cardiac) and COVID-19 Disease Classification Using Deep Convolutional Neural Network Learning Pipeline Approaches From Electrocardiography(ECG)- A Study," 2022 IEEE Silchar Subsection Conference (SILCON), Silchar, India, 2022, pp. 1-6, doi: 10.1109/SILCON55242.2022.10028792.	Conference Proceedings
4	Y. H. Bhosale, S. R. Zanwar, A. T. Jadhav, Z. Ahmed, V. S. Gaikwad and K. S. Gandle, "Human Monkeypox 2022 Virus: Machine Learning Prediction Model, Outbreak Forecasting, Visualization with Time-Series Exploratory Data Analysis," <i>2022 13th International Conference on Computing Communication and Networking Technologies (ICCCNT)</i> , Kharagpur, India, 2022, pp. 1-6, doi: 10.1109/ICCCNT54827.2022.9984237.	Conference Proceedings
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	<b>A.Y. 2021-22</b>	
1	Y. H. Bhosale and K. Sridhar Patnaik, "IoT Deployable Lightweight Deep Learning Application For COVID-19 Detection With Lung Diseases Using RaspberryPi," <i>2022 International Conference on IoT and Blockchain Technology (ICIBT)</i> , Ranchi, India, 2022, pp. 1-6, doi: 10.1109/ICIBT52874.2022.9807725.	Conference Proceedings

2	Y. H. Bhosale, S. Zanwar, Z. Ahmed, M. Nakrani, D. Bhuyar and U. Shinde, "Deep Convolutional Neural Network Based Covid 19 Classification From Radiology X-Ray Images For IoT Enabled Devices," 2022 8th International Conference on Advanced Computing and Communication Systems (ICACCS),	Conference Proceedings
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	Coimbatore, India, 2022, pp. 1398-1402, doi: 10.1109/ICACCS54159.2022.9785113	
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