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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	Shubhangi Santosh Kekate, Dr. Syed Sumera Ali, A. T. Jadhav, Dr. D. L. Bhuyar <b>Title: A Review of Privacy-Preserving Blockchain Architectures for Central Bank Digital Currency Systems</b>	Journal
2	Ganga Holi, Sridhar S K, Mahendra M K, Saba Tahseen, Mahender G Nakrani, Awwab Mohammad, Ganesh B. Dongre, Syed Sumera Ali, Rani Chhagan Dalvi, Yogesh Harishchandra Bhosale <b>Title: Giant Trevally Optimization Driven CNN Transformer Framework for Intrusion-aware Secure Cloud Storage</b>	Journal
3	Deepali Mahesh Gohil, Ganesh Dagadu Puri, Sachin Arun Thanekar, Syed Sumera Ali & Vaibhav Arjunrao Parjane <b>Title: Exploring set theory and logic as foundations for explainable AI and knowledge representation</b> <a href="https://doi.org/10.47974/JIM-2499">https://doi.org/10.47974/JIM-2499</a>	Journal
4	Nayan Sahebrao Jadhav, S.H. Jadhav, Dr. Syed Sumera Ali, Dr. D.L. Bhuyar, Dr.G.B.Dongre <b>Title: Deep Learning-based Multi-Class Skin Disease Detection using CNN and Transfer Learning</b>	Journal
5	Bhagwat Shrirang Mohite, S.H. Jadhav, Dr. Syed Sumera Ali, Dr.D.L.Bhuyar, Dr.G.B.Dongre, <b>Title: A Real-Time Speech-to-Glyph Translator for Deaf Accessibility</b>	Journal
6	D.K.Jadhav, Bhilare Meghana, Mukesh Patil, Dr. Syed Sumera Ali, et al. <b>Title: Bridging Knowledge Gaps: Conceptual Frameworks for Inclusive Learning Dissemination in Development Impact Assessment.</b> <a href="https://doi.org/10.1021/acssensors.5c03171">https://doi.org/10.1021/acssensors.5c03171</a>	Journal
7	Mr.M.V. Madhusudhan, Shrivastava, Sarpal Sumeet Singh, Dr. Syed Sumera Ali, Sinha, Shailesh Kumar, et al. <b>Title: Data Driven Analysis of Visual Composition Patterns</b>	Journal
8	Mr.S.A.Thanekar, Deepali Gohil, Ganesh Puri, Syed Sumera Ali, Kishor Jadhav, et al. <b>Title: Homomorphism Encryption Techniques Leveraging AI and Advanced algebraic Structures</b> <a href="https://doi.org/10.47974/JDMSC-2520">https://doi.org/10.47974/JDMSC-2520</a>	Journal

9	Anjali Anil Yadgire, Dr. Syed Sumera Ali, Prof. A. T. Jadhav, Dr. D.L. Bhuyar, et al. <b>Title: Real Time Hand Gesture Recognition with Speech Conversion using LSTM model</b> <a href="https://doi.org/10.5281/zenodo.15879058">https://doi.org/10.5281/zenodo.15879058</a>	Journal
10	Ms. Kaniz Fatema, Dr. Syed Sumera Ali, Prof. A. T. Jadhav, Dr. D. L. Bhuyar <b>Title: Prediction of Plant Disease with Deep Learning</b> <a href="https://doi.org/10.5281/zenodo.16752417">https://doi.org/10.5281/zenodo.16752417</a>	Journal
11	Rupali mohan gaikwad, Syed Sumera Ali, A.T. Jadhav, Dr.D.L.Bhuyar, et al. <b>Title: Self-Driving Car Using Deep Learning and Convolutional Neural</b> <a href="https://doi.org/10.5281/zenodo.16038867">https://doi.org/10.5281/zenodo.16038867</a>	Journal
12	Mr.S.H.Jadhav <b>Title: System for Detecting Diseases in Pomegranate using Deep Learning and IoT</b> <a href="https://www.isteonline.in/Viewtopics.aspx?MenuId=IJTE_1506">https://www.isteonline.in/Viewtopics.aspx?MenuId=IJTE_1506</a>	Conference
13	A.M.Kadli <b>Title: Human Vlaues In Higher Education</b> <a href="https://ichvhe.uhv.org.in/">https://ichvhe.uhv.org.in/</a>	Conference
14	Mr.S.H.jadhv <b>Title: A Lightweight MobileNet-V3 Framework for Automated Pomegranate Fruit Disease Diagnosis</b>	Conference
15	Mani Nandini Sharma, Damini Sahu, Vashisht Singh, Rafat Aslam Mulla, Dr. Syed Sumera Ali, Dr. Jambi Ratna Raja Kumar <b>Title: Virtual Fashion Design Studio: Ai-Driven Co-Creation Platform For Designers And Machines</b> DOI:10.29121/shodhkosh.v6.i4s.2025.6943	Journal
	<b>A. Y. 2024-25</b>	
1	Monali G. Dhote, Bhushan Marutirao Nanche, Parikshit N. Mahalle, Syed Sumera Ali, Monali Gulhane & Vijay Suresh Karwande <b>Title: Deep learning for optimized path planning in autonomous vehicles by integrating reinforcement learning with convolutional neural networks</b> <a href="https://doi.org/10.47974/IIOS-1897">https://doi.org/10.47974/IIOS-1897</a>	Journal
2	Harsha Avinash Bhute, Bharati P. Vasgi, Dr. Aparajita Mohanty, Chandrakant D. Kokane, Gopal B. Deshmukh, Dr. Syed Sumera Ali <b>Title: Quantum Cryptography in Secure Communication: Opportunities &amp; Challenges</b> <a href="https://www.computerfraudsecurity.com/index.php/journal/article/view/49">https://www.computerfraudsecurity.com/index.php/journal/article/view/49</a>	Journal
3	Preeti Kale, Dr. U. Shinde, Syed Sumera Ali, D.L.Bhuyar and Hemant Mahajan <b>Diabetic Retinopathy Diseases Classification from Fundus Images using Deep Learning</b> <a href="https://ycce.edu/icetems/index.php">https://ycce.edu/icetems/index.php</a>	Conference