

SCI Papers –02

S. No.	Name of the Author/s	Title of the Paper	Name of the Journal	Published Month, Year	Journal Indexed in	DOI / Paper Link
1.	S. Mande, N. Ramachandran, S. Salma Asiya Begum and F. Moreira,	Optimized Reinforcement Learning for Resource Allocation in Vehicular Ad Hoc Networks	IEEE	2024	SCI	https://ieeexplore.ieee.org/document/10740275
2.	Ruqsar Zaitoon, Shaik Salma Asiya Begum, Sachi Nandan Mohanty, Deepa Jose	Feature selection using hybridized Genghis Khan Shark with snow ablation optimization technique for multi-disease prognosis,	Intelligence-Based Medicine,	2025	SCI	https://www.sciencedirect.com/science/article/pii/S2666521225000535

SCOPUS Papers –04

S. No.	Name of the Author/s	Title of the Paper	Name of the Journal	Published Month, Year	Journal Indexed in	DOI / Paper Link
1.	Shaik Salma Asiya Begum , Gannavarapu Gokul Madhav ,Shaik Jameer , Jampani Venkata Yaswanth Varma , Chappidi Johnwesily , Ruqsar Zaitoon ,Spandana Mande , Rehana Begum , Poluru Eswaraiah	Deep Learning-Driven Mosquito Species Identification Using Yolov5 For Disease Monitoring And Control.	Journal of Theoretical and Applied Information Technology	28th February 2025.	Scopus	https://www.jatit.org/volumes/Vol103No4/16Vol103No4.pdf
2.	S. Mande, S. S. A. Begum, and N. Ramachandran,	Navigating the Future of Intelligent Transportation: Challenges and Solutions	EAI Endorsed Trans IoT	Feb. 2025	Scopus	https://publications.eai.eu/index.php/IoT/article/view/5114

		in 6G V2X and V2V Networks				
3.	Salma Asiya Begum Shaik, Hussain and Syed	Optimizing CNN-YOLOv7 Models for Pepper Leaf Disease Detection and Identification	Nanotechnology Perceptions journal,	2024	Scopus	https://nano-ntp.com/index.php/nano/article/view/1747
4.	Nagavali Saka , Abhinav Kumar , Kolluru Suresh Babu , Konala Padmavathi , Jagadeeswara Rao Paliseti , Padmavathi Panguluri, G Lakshmi	Integrating Computer Vision And Machine Learning Models For Handwriting Analysis	Journal of Theoretical and Applied Information Technology	15th June 2025.	Scopus	https://jatit.org/volumes/Vol103No11/17Vol103No11.pdf

Scopus Conference Proceedings

S. No.	Name of the Author/s	Title of the Paper	Name of the Journal	Published Month, Year	Journal Indexed in	DOI / Paper Link
1.	S. S. A. Begum, H. Shaik and H. Syed,	DCBLCCG NET: A Fusion Approach For Enhanced Pepper Leaf Disease Identification With Hybrid Deep Learning,	International Conference on Intelligent Systems and Advanced Applications (ICISAA), Pune, India,	2024	Scopus	https://ieeexplore.ieee.org/document/10828791
2.	C. R. Tamma, S. Shamsheer, R. Venigalla, C. Akash, S. S. A. Begum and S. K. Medishetti,	Cost Aware Scheduling in Hybrid Cloud-Fog Environment Using Earthworm Optimization Algorithm,	International Conference on Advancement in Renewable Energy and Intelligent Systems (AREIS), Thrissur, India,	2024	Scopus	https://ieeexplore.ieee.org/document/10893670
3.	S. Mathe, J. Kannamma, E. Narmada, C. Rampilla and S. N. Rehmathunnisa,	Identification of Counterfeit Currency Using Image Processing and Deep Learning	<i>15th International Conference on Computing Communication and Networking Technologies</i>	2024	Scopus	https://ieeexplore.ieee.org/document/10724968

			(ICCCNT), Kamand, India			
4.	P. Devika, V. Surya Narayana Reddy, D. Ramya Krishna, C. Rampilla and B. S. Charan Yadav	Malware Classification Using Deep Learning	2nd International Conference on Artificial Intelligence Trends and Pattern Recognition (ICAITPR), Hyderabad, India	2024	Scopus	https://ieeexplore.ieee.org/document/10960019
5.	J. R. Paliseti , D. Srilikhitha, K. Bhargava, B. B. Devi and M. B. Kumar	Touchless Mouse Control Via Hand Gestures Using Resnet and Mediapipe,	<i>International Conference on Inventive Computation Technologies (ICICT)</i> , Kirtipur, Nepal	2025	Scopus	https://ieeexplore.ieee.org/document/11005167
6.	Daveedu Raju, A., Valluru, D., Sudarsana Murthy, D., Jagadeeswara Rao , P., Sunil Kumar, M., Davanam, G.	An Efficient License Plate Number Recognition System for Traffic Surveillance Using Deep Neural Networks.	5th International Conference on Data Science, Machine Learning and Applications	2024	Springer Nature	https://link.springer.com/chapter/10.1007/978-981-97-8043-3_160
7.	Dr. S. Jayaprada, Dr. Rajendra	AN ENSEMBLE LEARNING	International Education &	E-ISSN No : 2454-9916	UGC	https://ierj.in/journal/index.php/ierj/article/view/4376/5158

	Prasad Banavathu	FRAMEWORK FOR PREDICTING THE RISK OF HEART DISEASES	Research Journal	Volume : 11 Issue : 7 July 2025		
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Details of Books/Chapters-01

S. No.	Authors	Title of the Book	Publisher	Published Date	ISBN
1.	Dr Shaik Salma Asiya Begum	GSAtt-CMNetV3: Potato Leaf Disease Classification Using Osprey Optimization	INTERNATIONAL CONGRESS OF HIGH VALUE ADDED AGRICULTURAL PRODUCTS	Dec-24	978-625-378-039-5

Details of Patents - 05

S.No.	Patent Title	Applicants/ Inventors	Patent No.	Published date
1.	System For Monitoring Potato Plant Diseases, And Method Thereof	Sk Salma Asiya Begum, Hussain Syed	202441049024	05-07-2024
2.	Sytems and Methods artificial intelligence in health care and medicine: Diagnosis, Monitoring and treatment.	B rajani, Sk Pujitha, Akurathi Lakshmipathi rao, Arvinda.D, Paidipogu Sowjanya	202541005656	31-01-2025
3.	Automatic detection and classification of plant diseases using Deep learning techniques	Dr sanju Tamang, Bandi Ranjitha, Dr N Satyavedam, I Madhavalatha, Kancherla Rajasree	202411100181	21-02-2025
4.	Helios Thermal Power Station: System andf Method for Enhanced Solar Thermal Enery Conversion and Storage	Mr. Borra Ujwal, Mr. Anil Kumar, Dr. Rajendra Prasad Banavathu , Mr. Chalamolu Sree Sharan	202441069927	20-09-2024
5.	Transforming Low-Resource Language Processing With Few-Shot Machine Learning Techniques	Dr. Pandi. Chiranjeevi, B.Venkataramana, Nagaraju Dasari, Jagadeeswara Rao P, B. Shivan	202441062347 A	23/08/2024

