

Personal Information

Name	Dr. V. Surya Narayana Reddy
Years of Experience	Teaching: 9.5 Years Research: NIL Industry: NIL
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Areas of Specialization	MANETS, ML, AI



Educational Qualifications

Doctoral Degree	Ph.D.	VTU-BELAGAVI (2018-2023)
PG Degree	M.Tech (CS)	JNTU-ANANTHAPUR (2012-2014)
UG Degree	B. Tech (CSE)	JNTU-ANANTHAPUR (2008-2012)

Patent Published:

1. Dr. Jithendranath Mungara, Mr. V. Surya Narayana Reddy. 2023 “Machine Learning Based Advanced Healthcare Monitoring System”. Indian Patent-202341015623, filed-09-03-2023. Patent Published.

Papers Published

International Journal Publications

1. 1. Moorthy, C. H. V. K. N. S. N., A. Srivastava, D. N. Vasundhara, **V. S. N. Reddy**, and A.S.S.Prasad. "Robotic Process Automation-The Ineluctable Virtual Workforce in Various Business Sectors: Post Covid-19 Scenario." *International Journal of Engineering Trends and Technology* (2023): 143-154. (Scopus Indexed).
2. **V. Surya Narayana Reddy**, and Jithendranath Mungara. "Artificial Intelligence Machine Learning in Healthcare System for improving Quality of Service." *Cardiometry* 25 (2022):1161-1167. (Web of Science Indexed).
3. **V. Surya Narayana Reddy**, and Jithendranath Mungara. "Received signal strength indication based clustering and aggregating data using Q-learning in mobile Ad Hoc network." *Indonesian Journal of Electrical Engineering and Computer Science* 27, no. 2 (2022): 867-875. (Scopus Indexed).
4. **V. Surya Narayana Reddy**, and Jithendranath Mungara. "Machine Learning-Based Efficient Clustering and Improve Quality of Service in Manet." *Indian Journal of Computer Science and Engineering* 12, no. 5 (2021): 1392-1399. (Scopus Indexed).
5. B. Hema Kumari, **V. Surya Narayana Reddy**. “Data Synthesis and Importance of Big Data Security Analytics for Securing the Enterprise Data”. *International Journal of Recent Technology and Engineering* 8, no. 2 (2019). (Scopus Indexed).

International Conference Publications

1. Naik, SK Lokesh, C. H. SriLakshmi, **V. Surya Narayana Reddy**, Padma Parshapu, Dharani Kuppala, and Ajmeera Kiran. "Sky Guardians-AI and DL for Drone Detection." In *2024 International Conference on Science Technology Engineering and Management (ICSTEM)*, pp. 1-7. IEEE, 2024. (Scopus Indexed).

2. Naik, SK Lokesh, D. Ganesh, Ch Srilakshmi, **V. Surya Narayana Reddy**, N. Sirisha, and Ajmeera Kiran. "Supermarket Billing System using Webcam." In *2024 International Conference on Advancements in Smart, Secure and Intelligent Computing (ASSIC)*, pp. 01-04. IEEE, 2024. (Scopus Indexed).
3. **Surya Narayana Reddy, V.**, P. Subhash, Ch Vinay Kumar, M. Samuel, G. Vishal Reddy, and G. Tharun. "SNMP Watcher: A Model to Detect DoS and DDoS Attacks Using SNMP Management Information Base Analysis." In *International Conference on Computer & Communication Technologies*, pp. 193-203. Singapore: Springer Nature Singapore, 2023. (Scopus Indexed).
4. Ram, K. Bhargav, B. Venkatesh, Sala Pooja Sai Sree, Chunduru Anilkumar, **V. Surya Narayana Reddy**, and Bhavya Kodumuri. "Image Caption and Speech Generation Using LSTM And GTTS API." In *2023 Second International Conference on Augmented Intelligence and Sustainable Systems (ICAISS)*, pp. 992-997. IEEE, 2023. (Scopus Indexed).
5. Vijayaragavan, Pichiyan, Chalumuru Suresh, **V. Surya Narayana Reddy**, G. Sathar, and T.Vijila. "Online Prediction of Positive and Negative Emotionology Applying Machine Learning Technique." In *2023 7th International Conference on Intelligent Computing and Control Systems (ICICCS)*, pp. 454-460. IEEE, 2023. (Scopus Indexed).
6. Tumuluru, Praveen, G. Lakshmi, **V. Surya Narayana Reddy**, Bandaru Naga Gayatri, Chappidi Varshitha, and Mundru Sai Alekhya. "Interactive Projection Technology using Hand Gesture Recognition with Attention Mechanism and ResNet." In *2023 2nd International Conference on Applied Artificial Intelligence and Computing (ICAAIC)*, pp.650-654. IEEE, 2023. (Scopus Indexed).
7. Susmitha, C., L. Nikhil, L. Akhil, M. Kavitha, **V. Surya Narayana Reddy**, and K. Shailaja."Sentimental Analysis on Twitter Data using Supervised Algorithms." In *2023 7th International Conference on Computing Methodologies and Communication (ICCMC)*, pp.921-925. IEEE, 2023. (Scopus Indexed).

Books & Book Chapter

1. Dr. D. N. Vasundhara, Mrs. N. V. Sailaja, **Mr. V. Surya Narayana Reddy**, "Machine Learning", by Horizon Books Publishers with ISBN Number: 978-93-91150-68-6