Faculty Profile

Name: Dr. Sesha sai priya Sadam

Designation: Assistant Professor

Teaching Areas: Compiler Design, Machine Learning, Deep Learning, Python Programming, Database Management Systems (DBMS), Theory of Computation

Research Interests: Cognitive Computing, Machine Learning, Deep Learning, IoT

Education: (Degree, Institution, Location, Year of Completion)
Ph.D.(CSE), Annamalai University, Tamil Nadu, 2023
M.Tech. (CSE), Akula Sree Ramulu College of Engineering, Tanuku, AP, 2012.
B.Tech. (CSE), Laki Reddy Bali Reddy College of Engineering, Mylavaram, AP, 2008.

Research / Selected Publications: 9

1. N. Singh, M. N. Rao, U. D. Prasan, S. S. Priya, V. S. Anusha and S. M. Ali, "A Cybernetics-based Intrusion Detection System for Critical Infrastructure IoT Applications," 2025 6th International Conference on IoT Based Control Networks and Intelligent Systems (ICICNIS), Bengaluru, India, 2025, pp. 33-40, doi: 10.1109/ICICNIS66685.2025.11315763. https://ieeexplore.ieee.org/document/11315763
2. Sadam, S.S.P., Nalini, N.J. Epileptic seizure detection using scalogram-based hybrid CNN model on EEG signals. *SIViP* **18**, 1577–1588 (2024). https://doi.org/10.1007/s11760-023-02871-x https://link.springer.com/article/10.1007/s11760-023-02871-x
3. Seshasai Priya Sadam and Nalini NJ (2023), Feature Fusion of Time-frequency and Deep Learning Features for Epileptic Seizure Detection using EEG Signals. IJEER 11(3), 826-835. DOI: 10.37391/ijeer.110329. https://ijeer.forexjournal.co.in/archive/volume-11/ijeer-110329.html
4. Sesha Sai Priya, S., Nalini, N.J. (2023). Model-Based Automatic Seizure Detection of EEG Signal Analysis by Frequency and Time Domain Methods. In: Bhateja, V., Mohanty, J.R., Flores Fuentes, W., Maharatna, K. (eds) Communication, Software and Networks. Lecture Notes in Networks and Systems, vol 493. Springer, Singapore. https://doi.org/10.1007/978-981-19-4990-6_2 https://link.springer.com/chapter/10.1007/978-981-19-4990-6_2
5. Priya, S. S., & Nalini, N. J. (2022). EEG SIGNAL ANALYSIS FOR EPILEPTIC SEIZURE USING SCALEOGRAM BASED TRANSFER LEARNING. *Journal of Pharmaceutical Negative Results*, *13*. https://www.pnrjournal.com/index.php/home/article/view/5046