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Dr. A. Sandhya is working as Assistant Professor in the Department of CSE at SRMIST, Ramapuram campus. She holds a Ph. D degree in the field of Deep Learning and Bid data Analytics from Sathyabama Institute of Science and Technology (SIST) since 2023. She has 4 years of Industry Experience and 7 years of teaching experience with good programming skills. Added to her profile she has 4 years of Experience with Start Up Eco System. She is certified with SCJP (Sun Certified Java Programmer) and also certified in various courses from Coursera and NPTEL. She has published articles in National and International Journals, Conferences and Symposiums.

Area of Research:

Machine Learning, Deep Learning and Big data Analytics

Selected Publications:

1. A. Sandhya, Dr.J.Visumathi, "An Effective QoS Based Web Service Composition Algorithm for Integration of Travel & Tourism Resources," *International Conference on Intelligent Computing, Communication & Convergence (ICCC-2015)", Science Direct, Procedia Computer Science* 48 (2015) 541 – 547.

2. A. Sandhya, Dr.J.Visumathi, "RNN LSTM-based Deep Hybrid Learning Model for Text Classification using Machine Learning Variant XGBoost", "*International Journal of Performability Engineering*", 2022, 18(8): 545-551.

3. A. Sandhya, Dr.J.Visumathi, "Efficient Discovery of Data and Prediction of Coma Occurrence using Various Machine Learning Models", "*5th IEEE International Conference on Science, Technology, Engineering and Mathematics [IEEE Digital Library]*".

4. A. Sandhya, Dr.J.Visumathi, "An Experimental Analysis of Optimal Hybrid Word Embedding Methods for Text Classification Using a Movie Review Dataset", *Engineering, Technology and Techniques, Brazilian Archives of Biology and Technology, volume 65 2022.* https://doi.org/10.1590/1678-4324-2022210830.

5. A. Sandhya, Dr.J.Visumathi, "An Integrated Approach for Implementing AI Enabled Text Data Classification". Vol. 71 No. 3s2 (2022): "*Special Issue on Mathematics Theory and its Contribution in Robotics and Computer Engineering*".

6. A. Sandhya, "Student Statistics System using confined Android App", "*International Research Journal of Engineering and Technology (IRJET)*", Volume 5, Issue 3 , March 2018.

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