Faculty Profile

Name: **Dr. Srinivasu Badugu**

Designation: **Associate Professor**

Teaching Areas: Natural Language Processing, Machine Learning, Deep Learning, Artificial Intelligence, Soft computing, Database management system Theory of Computation, Data analytics, Data Science.

Research Interests: Natural Language understanding, Natural Language Generation, Speech Processing, Generative AI, Large Language Models

Education:

- Ph. D in Computer Science from University of Hyderabad,Hyderabad, 2014.
- M. Tech in CSE from JNTUK Kakinada, 2005
- B. Tech in CSE from JNTUH, Hyderabad, 2002

Research / Selected Publications:

Google Scholar: G1k0kYMAAAAJ
Scopus ID: 57214227005

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1. Babu, GL Anand, and Srinivasu Badugu. "Multi-document hybrid text summarization with bi-LSTM RNN for Telugu language." *Sādhanā* 49.2 (2024): 155.
2. Srinivasu Badugu. "Extractive summarization of telugu text using modified text rank and maximum marginal relevance." *ACM Transactions on Asian and Low-Resource Language Information Processing* 22.9 (2023): 1-18.
3. Srinivasu Badugu. "Deep learning based sequence to sequence model for abstractive telugu text summarization." *Multimedia Tools and Applications* 82.11 (2023): 17075-17096.
4. Badugu, Srinivasu, and R. Manivannan. "A study on different closed domain question answering approaches." *International Journal of Speech Technology* 23.2 (2020): 315-325.
5. Badugu Srinivasu. "Emotion detection framework for twitter data using supervised classifiers." *Data Engineering and Communication Technology: Proceedings of 3rd ICDECT-2K19*. Singapore: Springer Nature Singapore, 2020. 565-576.
6. Murthy, Kavi Narayana, and Srinivasu Badugu. "A New Approach to Tagging in Indian Languages." *Res. Comput. Sci.* 70 (2013): 45-56.