

Dr. D. NAGAJYOTHI

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Current Research Interests: Currently, Dr. D. Nagajyothi's research is focused on

1. Deep Learning and Machine Learning
2. Wideband Speech Recognition using feature extraction techniques and supervised learning

Biographical Information:

Dr. D. Nagajyothi received her B.Tech in Electronics and Communication Engineering from Acharya Nagarjuna University, Guntur in 1999, M.Tech in Electronics and Communication Engineering from Osmania University, Hyderabad in 2006 respectively. She was awarded Doctorate degree in Electronics and Communication Engineering at Acharya Nagarjuna University, Guntur in 2019. She started her carrier in 2003 as Assistant Professor from Nishitha College of Engineering. She is presently working as Associate Professor in Department of Electronics and Communication Engineering at Vardhaman College of Engineering, Hyderabad.

Selected Publications: (Top 5 Papers)

1. Dr. D. Nagajyothi , Rakshith Addagudi , Tejaswini Gunda , Sindhu santhoshi Logitla, **Detection of Lung Cancer using SVM Classifier**, International Journal of Emerging Trends in Engineering Research(IJETER), Vol.8, Issue 5, May 2020, 2177 – 2180.
2. D. Nagajyothi, Dr. P. Siddaiah, **Speech Recognition Using Convolutional Neural Networks**, International Journal of Engineering and Technology, Vol.7, 4.6, 2018.
3. D. Nagajyothi, Dr. P. Siddaiah, **Telugu Interactive Voice Response System for Airports using Stacked Auto Encoders** Journal of Advanced Research in Dynamical and Control Systems, ISSN NO:1943-023x, Vol.10,04 Issue,2018.
4. D. Nagajyothi, Dr. P. Siddaiah, **On the performance of WTIMIT for wide band telephony**, ARPN Journal of Engineering and Applied Sciences, Vol.13, No.4, February, 2018.
5. D. Nagajyothi, Dr. P. Siddaiah, **Voice Recognition Based on Vector Quantization Using LBG**, Springer Nature Singapore Pte Ltd. 2017, S.C. Satapathy et al. (eds.), Computer Communication, Networking and Internet Security, Lecture Notes in Networks and Systems.

Patents Published/Granted: 2

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On-Going Research Projects:

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