

Faculty Name	: Dr. S. Jothilakshmi
Designation	: Associate Professor
Department	: Information Technology
University	: Annamalai University

Publications

1. Sangeetha, J., R. Brindha, and S. Jothilakshmi. "Speech-based automatic personality trait prediction analysis." *International Journal of Advanced Intelligence Paradigms* 17.1-2 (2020): 91-108.
2. Shri, S. Jothi, And S. Jothilakshmi. "Crowd Video Event Classification Using Convolutional Neural Network." *Computer Communications* 147 (2019): 35-39.
3. Jothi Shri, S., And S. Jothilakshmi. "Pedestrian Detection And Counting In Still Images For Crowd Monitoring." *Journal Of Computational And Theoretical Nanoscience* 16.4 (2019): 1356-1359.
4. Shri, S. Jothi, And S. Jothilakshmi. "Image Processing Based Fire Detection And Alerting System For Crowd Monitoring." *Journal Of Advanced Research In Dynamic And Control Systems* 11.02-Special Issue (2019): 280-286.
5. Nithyakalyani, A., And S. Jothilakshmi. "Speech Summarization For Tamil Language." *Intelligent Speech Signal Processing*. Academic Press, 2019. 113-138.
6. Sophiya, E., And S. Jothilakshmi. "Large Scale Data Based Audio Scene Classification." *International Journal Of Speech Technology* 21.4 (2018): 825-836.
7. Shri, S. Jothi, And S. Jothilakshmi. "Video Analysis For Crowd And Traffic Management." *2018 Ieee International Conference On System, Computation, Automation And Networking (Icsca)*. Ieee, 2018.
8. Sophiya, E., And S. Jothilakshmi. "Deep Learning Based Audio Scene Classification." *International Conference On Computational Intelligence, Cyber Security, And Computational Models*. Springer, Singapore, 2017.
9. Sangeetha, J., And S. Jothilakshmi. "Speech Translation System For English To Dravidian Languages." *Applied Intelligence* 46.3 (2017): 534-550.
10. Jothilakshmi, S., J. Sangeetha, And R. Brindha. "Speech Based Automatic Personality Perception Using Spectral Features." *International Journal Of Speech Technology* 20.1 (2017): 43-50.
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12. Jothilakshmi, S., And R. Brindha. "Speaker Trait Prediction For Automatic Personality Perception Using Frequency Domain Linear Prediction Features." *2016 International Conference On Wireless Communications, Signal Processing And Networking (Wispnet)*. Ieee, 2016.
13. Sangeetha, J., And S. Jothilakshmi. "Automatic Continuous Speech Recogniser For Dravidian Languages Using The Auto Associative Neural Network." *International Journal Of Computational Vision And Robotics* 6.1-2 (2016): 113-126.
14. Jothilakshmi, S., And V. N. Gudivada. "Large Scale Data Enabled Evolution Of Spoken Language Research And Applications." *Handbook Of Statistics*. Vol. 35. Elsevier, 2016. 301- 340.
15. Natarajan, V. Anantha, And S. Jothilakshmi. "Segmentation Of Continuous Tamil Speech Into Syllable Like Units." *Indian Journal Of Science And Technology* 8.17 (2015): 417-429.
16. Natarajan, Vaithilingam Anantha, Subbaiyan Jothilakshmi, And Venkat N. Gudivada. "Scalable Traffic Video Analytics Using Hadoop Mapreduce." *Alldata 2015* (2015): 18.
17. Sangeetha, J., And S. Jothilakshmi. "Integrating Machine Translation And Speech Synthesis Component For English To Dravidian Language Speech To Speech Translation System." *Journal Of Engineering Science And Technology* 10.2 (2015): 196-211.
18. Sangeetha, J., And S. Jothilakshmi. "A Novel Spoken Document Retrieval System Using Auto Associative Neural Network Based Keyword Spotting." *2015 Ieee 9th International Conference On Intelligent Systems And Control (Isco)*. Ieee, 2015.
19. Sangeetha, J., And S. Jothilakshmi. "An Efficient Continuous Speech Recognition System For Dravidian Languages Using Support Vector Machine." *Artificial Intelligence And Evolutionary Algorithms In Engineering Systems*. Springer, New Delhi, 2015. 359-367.
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