

## Dr. Senthil Kumar T.

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### List of Publications:

Year of Publication	Title
2019	K. S. Gautam and Dr. Senthil Kumar T., “Video analytics-based intelligent surveillance system for smart buildings”, Soft Computing, vol. 23, pp. 2813-2837, 2019.[Abstract]
2018	K. R. Ramakrishnan and Dr. Senthil Kumar T., “Deep learning for identification and validation of objects and data viewed through vehicle windshield in lab environment – a DCNN approach”, Journal of Advanced Research in Dynamical and Control Systems, vol. 10, pp. 880-891, 2018.[Abstract]
2018	V. U. Kumar and Dr. Senthil Kumar T., “Deep learning for I2V communication using moving QR code”, Journal of Advanced Research in Dynamical and Control Systems, vol. 10, pp. 892-898, 2018.[Abstract]
2018	A. M. Geetha and Dr. Senthil Kumar T., “Deep learning for driver assistance using estimated trajectory complexity parameter”, Journal of Advanced Research in Dynamical and Control Systems, vol. 10, pp. 871-879, 2018.[Abstract]
2018	K. D. Kumar and Dr. Senthil Kumar T., “Assisting visually challenged person in the library environment”, Lecture Notes in Computational Vision and Biomechanics, vol. 28, pp. 722-733, 2018.[Abstract]
2017	H. Haritha and Dr. Senthil Kumar T., “Survey on various traffic monitoring and reasoning techniques”, Advances in Intelligent Systems and Computing, vol. 573, pp. 507-516, 2017.[Abstract]
2016	A. Sankar, Bharathi, P. D., Midhun, M., Vijay, K., and Dr. Senthil Kumar T., “A conjectural study on machine learning algorithms”, Advances in Intelligent Systems and Computing, vol. 397, pp. 105-116, 2016.[Abstract]
2016	R. G., Dr. Senthil Kumar T., Reyner, P. P. D., Leela, G., Mangayarkarasi, N., Abirami, A., and Vinayaka, K., “3D modelling of a jewellery and its virtual try-on”, Advances in

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	Intelligent Systems and Computing, vol. 397, pp. 157-165, 2016.[ <b>Abstract</b> ]
2016	K. S. Gautam and Dr. Senthil Kumar T., “Discrimination and detection of face and non-face using multilayer feedforward perceptron”, Advances in Intelligent Systems and Computing, vol. 397, pp. 89-103, 2016.[ <b>Abstract</b> ]
2015	Dr. Senthil Kumar T. and Saivenkateswaran, Sb, “Evaluation of video analytics for face detection and recognition”, International Journal of Applied Engineering Research, vol. 10, pp. 24003-24016, 2015.[ <b>Abstract</b> ]
2015	Dr. Senthil Kumar T. and Pandey, S., “Customization of recommendation system using collaborative filtering algorithm on cloud using mahout”, Advances in Intelligent Systems and Computing, vol. 321, 2015.[ <b>Abstract</b> ]