

### **LIST OF PUBLICATIONS OF Dr.T.SENTHIL KUMAR:**

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2. K. S. Gautam, and T. Senthil Kumar, “Discrimination and Detection of Face and Non-face Using Multilayer Feedforward Perceptron,” In Advances in Intelligent Systems and Computing published – Springer – from the proceedings of International Conference ICSCS 2015, 2016, Vol. 397, pp. 89-103. (ISBN: 978-81-322-2669-7 (Print) 978-81-322-2671-0 (Online)).
3. Sahla.K.S , T.Senthil Kumar,” Classroom Teaching Assessment Based on Student Emotions”, ,” In Advances in Intelligent Systems and Computing published – Springer - from the proceedings of the International conference on Intelligent Systems Technologies and Applications ISTA 2016,pp.475-486,2016.
4. S Sreelakshmi, Anupa Vijai, and T. Senthilkumar, “Detection and Segmentation of Cluttered Objects from Texture Cluttered Scene,” In Advances in Intelligent Systems and Computing published by Springer - from the proceedings of International Conference ICSCS 2015, 2016, Vol. 397, pp. 249-257, (ISBN: 978-81-322-2669-7 (Print) 978-81-322-2671-0 (Online)).
5. Vishnu Reghu, and T. Senthil Kumar, “Gesture Controlled Automation for Physically Impaired,” In Advances in Intelligent Systems and Computing published – Springer - from the proceedings of International Conference ICSCS 2015 ,2016, Vol. 397, pp. 673-683, (ISBN: 978-81-322-2669-7 (Print) 978-81-322-2671-0 (Online))
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7. T.Senthil Kumar and G.Narmatha,” Suspicious human activity detection in classroom examination”,In Advances in Intelligent Systems and Computing-Springer from the proceedings of International Conference on Computational Intelligence, Cyber Security and Computational Models, ICC3 2015, Vol. 412, pp.99-108,2016.
8. Senthil Kumar.T,Saivenkateswaran,"Evaluation of Video Analytics for face detection and recognition",International Journal of Applied Engineering research,Vol.10,Issue9,2015,pp.24003-2016.
9. T.Senthil Kumar,Swathi Pandey,"Customization of Recommendation System Using Collaborative Filtering Algorithm",on Cloud Using Mahout",Intelligent Distributed Computing,Advances in Intelligent Computing,Vol.321,pp.1-11,2015

10. Radhika, G., Senthil Kumar, T., Mangayarkarasi, N., Nirmala, R.” Virtual try of a jewellery using skin classifiers”, In International Journal of Control Theory and Applications, Vol. 9(5), 2016, pp. 2275-2278 (ISSN: 09745572)
11. T. Senthil Kumar and K.I. Ohhm Prakash,” A Queueing Model for e-Learning System”, Artificial Intelligence and Evolutionary Algorithms in Engineering Systems, Advances in Intelligent Systems and Computing 325, pp.89-95, 2015
13. Abijith Sankar, P. Divya Bharathi, M. Midhun, K. Vijay, and T. Senthil Kumar, “A Conjectural Study on Machine Learning Algorithms,” In Advances in Intelligent Systems and Computing published – Springer - from the proceedings of International Conference ICSCS 2015 2016, Vol.397, pp. 105-116, (ISBN: 978-81-322-2669-7 (Print) 978-81-322-2671-0 (Online)).
14. G. Radhika , T. Senthil Kumar, P. Privin Dolleth Reyner, G. Leela, and N. Mangayarkarasi, “3D Modelling of a Jewellery and Its Virtual Try-on”, In Advances in Intelligent Systems and Computing published – Springer - from the proceedings of International Conference ICSCS 2015 2016, Vol. 397, pp.157-165, (ISBN: 978-81-322-2669-7 (Print) 978-81-322-2671-0 (Online)).
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16. N. M. Dhanya, T. Senthil Kumar, C. Sujithra, S. Prasanth, and U. K. Shruthi, “Pedagogue: A Model for Improving Core Competency Level in Placement Interviews Through Interactive Android Application,” In Advances in Intelligent Systems and Computing published by Springer - from the proceedings of International Conference ICSCS 2015, 2016, Vol. 397, pp. 67-77, (ISBN: 978-81-322-2669-7 (Print) 978-81-322-2671-0 (Online))
17. Suganya.R. , Rajaram.S. , Vishalini.S, Meena.R , Senthil Kumar.T ,” Dental image retrieval using fused local binary pattern & scale invariant feature transform”, In Advances in Intelligent Systems and Computing published by Springer-from the proceedings of 2nd International Symposium on Signal Processing and Intelligent Recognition Systems, SIRS 2015, Vol. 425, pp. 215-224, 2016.
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- 22.Abijitk Sankar,P. Divya Bharathi, "Student placement analyzer: A recommendation system using machine learning", Proceedings of 4th International Conference on Advanced Computing and Communication Systems, ICACCS 2017,pp.400-410,2017.
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24. Venkatesh Kumar U., Senthil Kumar Thangavel,” Deep learning for I2V communication using moving QR code”, Journal of Advanced Research in Dynamical and Control Systems,Vol.9,pp.892-899,2018
25. Anand Muraleedharan Geetha ,Senthil Kumar Thangavel,” Deep learning for driver assistance using estimated trajectory complexity parameter”, Journal of Advanced Research in Dynamical and Control Systems,Vol.9,pp.871-879, 2018
26. Kela Ranjith Ramakrishnan,Senthil Kumar Thangavel,”” Deep Learning for Identification and Validation of objects and data viewed through vehicle windshield in Lab Environment – a D-CNN approach”, Journal of Advanced Research in Dynamical and Control Systems,pp.880-891, Vol.9,2018
27. K. S. Gautam , T.Senthilkumar "Hidden object detection for classification of threat," International Journal of Computer Aided Engineering and Technology, Inderscience publishers (**Scopus Indexed**) (**Under Production**) (**SJR 2017: 0.131**)
28. K. S. Gautam ,T.Senthil Kumar, “Video Analytics based Intelligent Surveillance System for Smart Buildings” Cluster Computing, Springer (**Scopus Indexed**) (**Special edition: Smart City**) (**Under Production**) (**Impact factor 2.040**)
- 29.Senthil Kumar Thangavel,Nirmala Rajendran,karthikeyan Vaiyapury,”Defocus Map Based Segmentation of Automotive Vehicles”, In Lecture Notes in Computational Vision and BioInformatics, published by Springer-from the proceedings International Conference on

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33. K.S.Gautam,Senthil Kumar Thangavel,"Video analytics-based intelligent surveillance system for smart buildings", Springer Soft computing ,pp.2813-2837,2019(**Impact Factor -2.367**)
34. K. S. Gautam , Senthil Kumar Thangavel,"Video analytics-based facial emotion recognition system for smart buildings" ,International Journal of Computers and Applications, Taylor and Francis,pp.1-10,2019