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EDUCATIONAL QUALIFICATION:

- **Bachelor of Engineering** from Sethu Institute of Technology ,Madurai Kamaraj university, Madurai.
- **M.Tech(Distributed Computing Systems)** from Pondicherry Engineering College,Pondicherry.
- **Ph.D(Information and Communication Engineering)** from Anna University Chennai.

Number of Ph.D scholars guiding   : 5

List of scopus publications

1. T. Senthil Kumar, K. S. Gautam, H. Haritha "Debris Detection and Tracking System in Water Bodies Using Motion Estimation Technique," In Advances in Intelligent Systems and Computing published – Springer - from the proceedings of the 6th International Conference on Innovations in Bio-Inspired Computing and Applications IBICA 2015 , 424, pp 275-284, (ISBN: 978-3-319-28030-1 (Print) 978-3-319-28031-8 (Online))

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.

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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.

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11.   T.Senthil Kumar, ABHIJIT SURESH, Aadarsh Karumathil, "Improvised Classification Model for Cloud based Authentication using Keystroke Dynamics" Frontier and innovation in Future Computing and Communications Lecture Notes In Electrical Engineering (LNEE) Volume 301, pp.885-893,2014

12.   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)).

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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

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20.K.S.Gautam,Senthil Kumar Thangavel,"Hidden object detection for classification of threat", Proceedings of 4th International Conference on Advanced Computing and Communication Systems, ICACCS 2017,pp.253-263,2017

21.Manesh Murthi,Senthil Kumar Thangavel,"A semi automated system for smart harvesting of tea leaves",Proceedings of 4th International Conference on Advanced Computing and Communication Systems, ICACCS 2017,pp.273-282,2017

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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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)**

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