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**Dr. Karthik Elangovan** is working as Assistant Professor in the Department of CSE at SRMIST, Ramapuram campus. He holds a Ph. D degree in the field of Opinion mining and Sentiment Analysis from Anna University Guindy since 2023. He has 14 years of teaching experience with good programming skills. He is a certified python programmer from Infosys Campus connect and also certified in various courses from Coursera and NPTEL. He has published articles in National and International Journals, Conferences and Symposiums.

**Area of Research:**

Computer Vision, Deep Learning and Video Analytics

**Selected Publications:**

1. Karthik Elangovan, Dr.Sethukarasi.T, “A Sentimental Classification Approach to Predict the User Behavior Using an Optimized Centered Convolutional Restricted Boltzmann Machine”, Journal of Neural Letter Processing, Mar 2021.
2. Karthik Elangovan, Dr.Sethukarasi.T, “Sarcastic user behavior classification and prediction from social media data using firebug swarm optimization-based long short-term memory”, The Journal of Supercomputing, 21 September 2021.
3. Karthik Elangovan, Dr.Sethukarasi.T,”Knowledge Enrichment of prediction Using Machine Learning Algorithms for Data Mining and Big Data: a Survey”,International journal of Advances in Natural and Applied Sciences10(15) October 2016, Pages: 23-30
4. Karthik Elangovan, Dr.Sethukarasi.T,"Enhanced Crisis Management: Predictive Strategy for Human Blood Group and Organ Demand using Polynomial Random Forest Algorithm" International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8, Issue-3S, February 2019.

5. Karthik Elangovan, L Paul JasmineRani, M.P Karthikeyan, M Therasa," Analysis of Social Network with Ontology and Deep Sentiment Durability Detection (SSD) Model for Green Community", International Journal of Green Engineering (JGE) Volume-10, Issue-6, June 2020
6. Dr S Venkata Lakshmi, M Therasa, Karthik Elangovan, S Sharanyaa,"An Analysis on Learning of Visual Question Answering using Multi-Media Comprehension Algorithm (MMCQA) in Natural Language Processing",European Journal of Molecular & Clinical Medicine, Volume 7, Issue 4, 2020
7. Karthik Elangovan.,Jahanvi P., Jhansi Rani A.,Geetha C. (2014), "Video Content Analysis for Text and Facial Feature Recognition Using Hough transform and principal Component Analysis Algorithm", in the Proceedings of National Conference on Advanced Computing Technologies, Velammal Engineering College Chennai.
8. Karthik Elangovan,Arjun Prasanth C.,Karthikeyan A. (2015), "Transposed And Unified Multi Virtual Desktop Monitoring with Remote System", in the proceedings of national Conference on Advance Computing Technologies, Velammal Engineering College Chennai.
9. Karthik Elangovan.(2010)"Text to Speech using NavalAlgorithm in the Indian Language Litrature" in the Proceedings of National Conference on Recent Trends in Computing Technologies", Loyola Institute of Technology Chennai.
10. Karthik Elangovan,Dr.Sethukarasi.T, AdhilRoshan N.A, Dhinesh Kumar K (2017), "Crisis Management Predictive Strategy for Organ Demand Using Polynomial Random Forest Algorithm" in the preceeding of International Intellectual Convergenceon Advancesin Scienceand Engineering, Aalim MuhammedSalegh College Of Engineering.

#### **Professional Bodies:**

1. International Association of Engineers (IAENG) (Member No:155064), Hongkong, HK.
2. The Indian Society for Technical Education(ISTE) (Member ID: LM 13887)

#### **Google Scholar:**

<https://scholar.google.com/citations?hl=en&user=0n-NeKAAAAAJ#d=gs>