A.V.C. COLLEGE OF ENGINEERING

Mannampandal – 609 305, Mayiladuthurai,

Faculty profile

NAME:	Dr. K. Krishnakumari			
Designation	Associate Professor			
Date of Joining	01/06/2004			
Qualification	B.E., M.E., M.B.A., Ph.D.,			
Nature of Association	Regular			
Area of Interest	Text mining, Sentiment analysis, automata theory			
Experience	**Academic: 20 Years** (as on May 2022)			
Publications	Conference		Journal		Book
	Inter national	National	Inter national	national	
	16	16	18	4	4
FDTP /workshop/ seminar attended	30		**ATAL FDPs**		5
FDTP /workshop/ seminar organized	18		**NPTEL Courses**		5
Professional Affiliations	ISTE - Life Member, CSI Annual Member				
Details of fund received from various external agencies	• Got funding of Rs. 25000 from Computer Society of India for State Student Convention during 2016. • Got funding of Rs.5000 from CSI for conducting Golden Tech Bridge Programme during 09/08/2014. • Got funding of Rs.10, 000 from TNSCST for the project titled 'Self Help group Management system' during 2013.				
Awards received	Got Longest Student Branch Counselor Award from of CSI at Student Convention for 2 times.				
Other information's	• Working in different portfolios such as Project Co-ordinator, CSI Student Branch Co-ordinator since Nov 2007, NBA Co-ordinator, NACC Co-ordinator, Class Committee Incharge, R&D Activity Co-ordinator. • Acted as Resource person in many Arts, Engineering Colleges and Universities such as KSR Institute of Technology, Thiruchengode, NIT Tiruchirappalli, Annamalai University, Chidambaram, MRK institute of Technology, Kattumannarkoil, CMR Institute of Technology, Bengaluru.				

I REFEREED JOURNALS

1. E. Sivasankar, K. Krishnakumari, P. Balasubramanian (2021) An Enhanced Sentiment Dictionary for Domain Adaptation with multi-domain dataset in Tamil language (ESD-DA). Soft Computing (**SCIE, IF: 3.643**, pp:3697-3711) (DOI:https://doi.org/10.1007/s00500-020-05400-x).

2. K. Krishnakumari, E. Sivasankar, Sam Radhakrishnan (2020) Hyperparameter tuning in convolutional neural networks for domain adaptation in sentiment classification (HTCNN-DASC). Soft Computing (**SCIE, IF: 3.643**, pp:3511-3527) (DOI:https://doi.org/10.1007/s00500-019-04117-w).

3. Krishnakumari K., Sivasankar E.,(2018), Aspect based Summarization in the Big Data Environment, International Journal of Advanced Intelligence Paradigms (IJAIP), (**SCOPUS Indexed IF: 0.8**) InderScience Publishers (Article in Press) (DOI: 10.1504/IJAIP.2018.10023308)

4. Thilagavathi, R., & Krishnakumari, K. (2016). Tamil english language sentiment analysis system. *International Journal of Engineering Research and Technology*, *4*, 114-118.

II CONFERENCES

1. K. Krishnakumari, E. Sivasankar (2018) Scalable Aspect-Based Summarization in the Hadoop Environment. In: Aggarwal V., Bhatnagar V., Mishra D. (eds) Big Data Analytics. Advances in Intelligent Systems and Computing, vol 654. Springer, Singapore, 439-449.

2. K. Krishnakumari, E. Sivasankar (2017) A Deep Learning approach for Sentiment Analysis using Convolution Neural Networks, International Conference on National Development through Innovations in Management, Science&Technology"- (ICONDIMST-2017), SASTRA University, Thanjavur.

3. Krishnakumari K., Sivasankar E. (2015), Transfer Learning in Sentiment Analysis, National Conference on Distributed Machine Learning, SSN College of Engineering, Chennai.

III Google Scholar Citation Index (Upto May 2022):

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