

A.V.C. COLLEGE OF ENGINEERING

Mannampandal – 609 305, Mayiladuthurai,

Faculty profile

NAME:	Dr. K. Krishnakumari				
Designation	Professor & Head, Department of Information Technology				
Date of Joining	01/06/2004				
Qualification	B.E.,M.E., M.B.A., Ph.D.,				
Nature of Association	Regular				
Area ofInterest	Text mining, Sentiment analysis, automata theory				
Experience	Academic: 23 Years				
Publications	Conference		Journal		Book
	Inter national	National	Inter national	National	
	25	17	21	4	
FDTP /workshop/ seminar attended	38		ATAL FDPs		8
FDTP /workshop/ seminar organized	20		NPTEL Courses		9
Professional Affiliations	ISTE - Life Member, CSI Annual Member				
Details of fund received from various external agencies	- Received RPS grant of Rs.14,32,000 as Co-investigator titled Productivity improvement at work place using emotional intelligence analysis Ref: RPS Sanction letter File No. 8-182 / FDC / RPS(Rural) / Policy -1 / 2021-22 - Got funding of Rs. 25000 from Computer Society of India for State Student Convention during2016. - Got funding of Rs.5000 from CSI for conducting Golden Tech Bridge Programme during09/08/2014. - Got funding of Rs.10, 000 from TNSCST for the project titled ‘Self Help group Management system’ during 2013. - Filed 4 Patents				
Awards received	Topper among 5% in the NPTEL exam on ‘Operating system Fundamentals’ - NPTEL Discipline Star during July-December 2023 - 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. • Acting as a Mentor for Smart India Hackathon 2022 held at Anand Institute of Technology, Chennai during 25/08/2022-26/08/2022. • 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.
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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 (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.
5. Krishnakumari, K., & Akshaya, P. (2019). A survey on graph based approaches in sentiment analysis. *International Research Journal of Engineering and Technology (IRJET)*, 6(7), 1322-1330.
6. Durairaj, T., Chakravarthi, B.R., Hegde, A., Shashirekha, H.L., Natarajan, R., Thavareesan, S., Sakuntharaj, R., Krishnakumari, K., Rajkumar, C., Shetty, P. and Kumar, H.S., 2025, May. Overview of the Shared Task on Sentiment Analysis in Tamil and Tulu. *Association for Computational Linguistics*.

II CONFERENCES

1. Krishnakumari, K., et al. "Automatic Facial Expression Recognition Employing CNN-Inception and the ResNet 50." *2023 International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering (RMKMATE)*. IEEE, 2023.
2. 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.
3. 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.

III Google Scholar Citation Index (as on 17/10/2025):

Citations	71
h-index	4

