

FACULTY VITAE



Name - Dr.M.Kiruthiga Devi

Education –

- Bachelor of Engineering Computer Science from Saveetha Engineering College, Anna University, 2010
- Master of Engineering Mobile And Pervasive Computing from Velammal Engineering College, Anna University, 2012
- Ph.D Computer Science and Engineering from Sunrise University Alwar, Rajasthan, 2019

Academic experience –

- Worked as Assistant Professor at Sri Sai Ram Engineering College, Chennai from August 2012 to Sept 2021
- Working as Associate professor at Dr. M.G.R Educational And Research Institute from Jan 2022-Till Date

Current membership in professional organizations -

- International Association of Engineers (IAENG) 137674,
- Computer Society of India(CSI) (I1505855) ,
- ISTE-International Association for Engineers (LM131591) ,
- Yearly membership Institute For Engineering Research and Publication (IFERP) PMIN86042791.
- ENSAV (ENergy SAVing CLUB)

Honors and awards -

- MGR Publish 999 Challenge premium award year 2022 since I achieved publishing two research papers as first author in Web of Science indexed journal and two research papers as author in Scopus indexed journal.
- "Global Teacher Award 2021" from AKS Education Awards International held on 24.10.21.
- "Best Outstanding Young Researcher National Award 2021" from Kamarajar Institute of Education and Research (KIER) National Award.
- —Best Faculty award from Global Multidisciplinary Research & Academic Foundation(GMRAF) National Award for the year 2021.
- "Best Faculty award" finalist HumCen Awards 2021 Edition.

- —Best Faculty award from Chennai Teaching Club (CTC) for Excellence in Teaching of the year 2021.

Service activities -

- University Young India (Yi)YUVA Nodal Coordinator
- Professional Society IET
- Designed curriculum for Cyber-Physical Systems
- ISO Coordinator IT

Publications and presentations from the past five years –

- M. K. Devi, N. Ramya, R. Parthasarathy, K. Nithya, M. K. Dharshini and R. A. Kalpana, "Home Automation Monitoring and Controlling with BCI Comparative Analysis," 2022 1st International Conference on Computational Science and Technology (ICCST), CHENNAI, India, 2022, pp. 601-605, doi: 10.1109/ICCST55948.2022.10040271. (Q2,SCOPUS)
- M. K. Devi, U. Surya, U. K and T. R. K, "Treatment for Insomnia using Music Genre prediction using Convolutional Recurrent Neural Network," 2022 1st International Conference on Computational Science and Technology (ICCST), CHENNAI, India, 2022, pp. 919-922, doi: 10.1109/ICCST55948.2022.10040279.(Q2,SCOPUS)
- Kiruthiga Devi Murugavel,, Parthasarathy Ramadass, Rakesh Kumar Mahendran, Arfat Ahmad Khan, Mohd Anul Haq, Sultan Alharby, and Ahmed Alhussen. 2022. "Maintaining Effective Node Chain Connectivity in the Network with Transmission Power of Self-Arranged AdHoc Routing in Cluster Scenario" *Electronics* 11, no. 15: 2455. <https://doi.org/10.3390/electronics11152455> (Q2,ESCI/SCOPUS/WOS) IF:2.69
- M. Kiruthiga Devi, Veena Prasad Vemuri, Mahalakshmi Arumugam, S. K. UmaMaheswaran, Purnendu Bikash Acharjee, Rupali Singh, Karthikeyan Kaliyaperumal, "Design and Implementation of Advanced Machine Learning Management and Its Impact on Better Healthcare Services: A Multiple Regression Analysis Approach (MRAA)", *Computational and Mathematical Methods in Medicine*, vol. 2022, ArticleID 2489116, 7 pages, 2022. <https://doi.org/10.1155/2022/2489116> (Q2,ESCI/SCOPUS/WOS)IF:2.809
- —Decoding Brain Eeg Signals To Find State Of Mind Using Ail M.Kiruthiga Devi, Shivakami.A,Aravindh Mira.R,Karpagam.A.International Journal of Future Generation Communication and Networking Vol. 14, No. 1, (2021), pp.1829–1834 ISDN: 2233-7857 IJFGCN (Q3,WOS)

- Breast Cancer Invasive Carcinoma Detection Using Deep Convolution Neural Networks Ramya, N., Shakthi Sree, M., Srija, R., ...Kiruthiga Devi, M., Meera, S.S.
AIP Conference Proceedings this link is disabled, 2022, 2464, 060006

Briefly list the most recent professional development activities

- The Institution of Engineers (India) Tamilnadu State Centre (IEI TNSC) recently received an Asia Book of Record certificate for organizing the 100 Hours IEI TNSC TECHNO CARNIVAL. This prestigious event was conducted in collaboration with 16 Local Centres across Tamilnadu.
- The certificate acknowledges Dr.M.Kiruthiga devi an Associate Professor, for participating in a five-day National Level Faculty Development Program on —Recent Technologies in Computer Science for Research Perspectives-2024. The program was organized by the PG & Research Department of Computer Science at Bishop Heber College, Tiruchirappalli, from 01-05-2024 to 05-05-2024.
- The Certificate of Participation is awarded to Dr. M Kiruthiga Devi for participating in a 10- hour National Faculty Development Program on "GenAI and Prompt Engineering using Microsoft Copilot," held from April 15th to April 19th, 2024. The program was organized by P B Siddhartha College of Arts & Science, Saraswati College of Engineering, and CMR College of Engineering & Technology, in collaboration with ExcelR Edtech Pvt. Ltd.
- The Certificate of Participation is awarded to Dr. M. Kiruthiga Devi from Dr. MGR Educational and Research Institute for participating in a five-day online Faculty Development Program on "AI Insights: Predictive Power of ML, DL & NLP," organized by Sphoorthy Engineering College from May 14th to May 18th, 2024.