

Faculty	Mrs. Bakkiyalakshmi B Assistant Professor–Computer Science & Engineering East Point College of Engineering & Technology Email id Bakkiyalakshmi.cse@eastpoint.ac.in vidwan id 595600 https://vidwan.inflibnet.ac.in/ ORCID ID : 0009-0006-2734-4550 Research id: MAI-0149-2025 Googlescholar com/citations?view_op=new_profile&hl=en
	Mrs. Bakkiyalakshmi B received her bachelor of Engineering degree in Computer Science and Engineering from Sri venkateswara college of Engineering & Technology Chennai, Anna University Tamil Nadu, in 2014. She completed M.E from Prathyusha Engineering College, Chennai, Anna University; Tamil nadu in 2016. She has worked in various reputed colleges in the city and has 7 years of teaching experience. She has also organized many technical talks and seminar by inviting experts, professors and scientists from diverse fields, covering technical and non-technical aspects. She has taken up many responsibilities like Mini project coordinator, conducting skill lab, department level sports activities etc.
	Publications. ❖ Knee Osteoarthritis Detection and Classification from X-ray Images For citation: Pain, joints, spine. 2026;16(5s): 808-823. Doi: 10.1922/pjs.16.5S.2026.864 ❖ Hybrid Evolutionary–Machine Learning Framework for Context-Aware Optimal Route Selection in Dynamic Wireless Sensor Networks IEEE Conference ❖ International Conference on Sustainable Engineering and Technology Innovations (ICSETI-2026) IEEE Conference. ❖ “Crossing Over the Crevice between Knowledge” Seventh National Conference on Recent Advances in Computer Technologies (NCRACT 16). ❖ “Crossing Over the Bridging crevice Between Knowledge”, IJETCSE, Vol.22, Issue.2, May 2016, Ref No.241-V22I2P54. ❖ ICAET International Conference on Advances in Emerging Technology, “Crossing Over the Bridging Crevice between Knowledge”, May 2016. ❖ IJCSITR International Journal of Computer Science Information Technology Research, Vol. 4, Issue 1, No 1, March 2016 ISSN(Print):2348-120X(Online) ISSN(Print):2348-119 www.researchpublish.com Achievements/Awards/Recognition's

- ❖ Harnessing AI, Quantum Computing, Sustainable Future(ICAQASF)
Real time map in Go fepidemicspread using Machine Learning
- ❖ BAKKIYALAKSHMI.B.”A Non INVASIVE,AI-Driven Multi-sensor Framework for Real Time Fluid Balance Monitoring and Early CKD Risk Prediction,INA,202541088690,Publication number 42/2025,17/10/2025
- ❖ BAKKIYALAKSHMI.B.”A Sensor-Free Real-Time System and Method for Sign Language Detection and Multi-Lingual Translation,INA,202541133118,Publication number 02/2026,9/1/2026.
- ❖ Attended Faculty Development Programming “Generative AI Models and Applications of Machine Learning” from 22nd July 2024 to 27th July 2024
- ❖ Attended Faculty Development program “AI Tools Organized by Brain vision Solutions India PVT.LTD. (AICTE) from 17th February 2025 to 21st February 2025.
- ❖ Attended International Level Online Faculty Development Programs on “Full stack Data Science Generative AI”
- ❖ Participated in Management Development Program on “Research Methodology and Data Analysis”.