

# Kings College of Engineering

## Department of Computer Science and Engineering

|                                          |                                                                                                    |
|------------------------------------------|----------------------------------------------------------------------------------------------------|
| Name: Pappathi K                         | Insert photo<br> |
| Designation:                             | Assistant Professor                                                                                |
| Qualification:                           | B.Tech (IT)., M.E(CSE)., <u>PhD.</u> ,                                                             |
| Area of Specialization:                  | Machine Learning & Deep Learning                                                                   |
| Experience:                              | Teaching: UG:12 years 3 months<br>PG:                                                              |
|                                          | Industry:                                                                                          |
| No.of workshop/Conferences/FDP attended: | 59                                                                                                 |
| Publication:                             | Journal<br>National:1<br>International :2                                                          |
|                                          | Conference<br>National:6<br>International:7                                                        |
| Membership:                              | International Association of Engineers Life member IAENG, Life Member of ISTE .                    |
| Achievements :                           | 100% Result Producer Cash awards for three Consecutive years.                                      |

## **Publications:**

1. K.Pappathi,"Business Intelligence: Data mining and Decision making for Banking Industry ", Journal of Computer Science and Engineering (JCSE), V11-I2-P32-37.PDF, VOLUME 12, Issue 2, February 2012.
2. K.Pappathi,"Business Intelligence: Financial Decision Support System Research Based on Data Warehouse", International Journal of Scientific and Engineering Research (IJSER) - (ISSN 2229-5518). Paper ID: I014486 VOLUME 3, Issue 5, May 2012.
3. K.Pappathi, "An AI & ML based GPS app for enhanced monitoring and safety of deep sea fisherman", International Journal of Scientific Development and Research (IJSDR), Volume9, Issue 6, June, 2024

## **International /National Conferences:**

1. K.Pappathi, "Maximizing Network Lifetime through balancing Energy Consumption in Wireless Sensor Networks" Tamilnadu Engineering College, Coimbatore March 19<sup>th</sup>&20<sup>th</sup>,2010 sponsored by AICTE, New Delhi.
2. K.Pappathi, "Multi Agent Based System for Securing University Campus in Wireless Sensor Networks" Arasu Engineering College, Kumbakonam April 6<sup>th</sup>, 2011.
3. K.Pappathi, "Urban Road User Detection and Classification using 3D Wire Frame Models"CSE association with IEEE & CSI Chapter in Prathyusha Institute of Technology & Management, Chennai from December 15<sup>th</sup>& 16<sup>th</sup> 2011.
4. K.Pappathi, "Firewall Implementation for URL Based Secure Data Transmission ", GKM College of Engineering &Technology, Perungalathur, Chennai, March 29, 2012..
5. Attended a paper titled "Changing Global Perspective on Investment-Careers, Financial Statements and Sustainability" ICCGP 2021 organized by Management Studies and Research , Govindrao Wanjari College of Engineering and Technology, Nagpur on 12.06.2021.
6. Presented a paper titled "A Machine Learning based Model of Hybrid Disease Prediction using a Bio inspired Swarm Intelligence Algorithm with ISBN No, 978-93-91332-63-4" NCITER 2024 organized by Computer Science and Engineering, A.V.C College of Engineering, Mayiladuthurai on 22.03 2024.
7. Presented a paper titled "Gamified Learning Application for person with Disabilities using AI Automation with ISBN No, 978-93-91332-61-4" NCITER 2024 organized by Computer Science and Engineering, A.V.C College of Engineering, Mayiladuthurai on 22.03 2024.
8. Presented a paper titled "An Optimal Mobile Farming APP to Enhance Agricultural Data to Farmers using AI Practices with ISBN No, 978-93-91332-63-2" NCITER 2024 organized by Computer Science and Engineering, A.V.C College of Engineering, Mayiladuthurai on 22.03 2024.
9. Presented a paper titled "Virtual Reality Empowered IOT Home Automation System", ICRTES organized by Centre for Promotion of Research, Kings College of Engineering, Punalkulam, Pudukkottai on 03.05.2024.
10. Presented a paper titled "Review: Hybrid Disease Early Stage Prediction using Bio inspiring and Optimization Algorithms" at NCRIEST 2025 organized by Computer Science and Engineering, Sri Bhrathi Engineering College for women. Pudukkottai on 23.03.2025,
11. Presented a paper titled "AI -Driven Sign Language Detection in video calls using Deep Learning with ISBN No, 978-91-986065-2-5" ICIRET 2025 organized by Computer Science and Engineering, A.V.C College of Engineering, Mayiladuthurai on 28.03 2025.
12. Presented a paper titled "Personal AI Voice Assistant using Mel-Frequency Cepstral Co efficient in Machine Learning' at ICSTES organized by Computer Science and Engineering ,Kings College of Engineering ( Autonomous),Punalkulam, Pudukkottai on 08.05.2025.
13. Attended an International multidisciplinary Conference on 'Emerging Trends in Commerce & Management, Economics, Information Technology and Science" at MCEITS 2025 organized by Information Technology and Science Pune Vidyarthi Griha's College of Science and Technology Pune on 25.03.2025

### **FDP/Seminar attended**

1. Attended the Faculty Development Programme titled “The Role of Artificial Intelligence and Machine Learning in Electric Vehicle Technology” conducted by ATAL -K.Ramakrishnan College of Technology, Trichirappalli on 10.02.2025
2. Attended the Faculty Development Programme titled “Advanced Recurrent Neural Network (RNN) for Sequential Data” conducted by ATAL-Park College of Engineering and Technology, Chennai on 17.02.2025
3. Attended the Faculty Development Programme titled “AI -Driven Shaping India’s Economy and Global Leadership ”conducted by ATAL- Rajiv Gandhi Institute of Technology, Mumbai on 24.02.2025
4. Attended various Faculty Development Programme, Seminars during the year 2010-2014 and 2023-2024

### **Programs organized**

1. Organized One day Guest Lecture on “Beyond Traditional security AI as a Cyber-Guardian” given by Dr.E.SilambarasanAssistant professor Dept of CSE-Cyber Security Indian institute of Information Technology (IIIT), Kottayam, Kerala on 17.03.25
2. Organized One day Guest Lecture on “Introduction to Visualization, Cloud Ansible and Devops” given by Mr. Praveen Kumar S A, Manager, UNIX Sun Life Global Solutions.Ltd. Gurgaon, Haryana on 23.04.25
3. Organized Local Industrial Visit on “Web Development and Digital Marketing ” in Code Bind Technologies ,Tiruchirappalli on 04.04.2025 & 05.04.2025
4. Organized Various Faculty Development Program, Workshop, and Symposium during the year 2010-2014, 2023-2025.