Kathir College of Engineering
Faculty Profile

KAVITHA M
ASSISTANT PROFESSOR
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Qualification	**M.E,(Ph.D)**
Area of Specialization	Machine Learning, Data Science
Email	kavitha@kathir.ac.in
Mobile Number	**8939944709**
Membership in Professional Bodies	ISTE

Total Experience in (Years) :

Industry	Academic
Experience in Years : Nil	Experience in Years : 10 Years and 9 months

Publication Details

Number of Papers Published	Journal Publications	Conference Publications
	1	4

BOOKS & BOOK CHAPTERS:

- ***"Optimization of Recycling bandwidth in WiMax Technology: Unused reserved bandwidth recycled using WiMax Technology"*** M.Kavitha, P. Sangeetha *"by Lambert Academic Publishing(2022)* (*ISBN-10: 6204978500, ISBN-13 : 978-6204978505)

- **"Cloud Based Framework for Handling Diabetes Data",** M.Kavitha, P.Sangeetha *by Lambert Academic Publishing(2022) ISBN-13: 9786204750811.*

Journal:

1. Fake Product Review Analysis, *Kavitha, Dinesh, L. Meha Dhanushya, M. Thangamani,International Journal for Science and Advance Research in Technology, Volume 6 Issue 3 – MARCH 2020* .

Conferences:

1."**A random forest view of bankruptcy prediction using financial ratios**" at the National Conference on Recent Trends in Artificial Intelligence, Advanced Communication and Smart Systems (RTAACS' 23) at KPR Institute of Engineering and Technology on April 1, 2023.

2. "**Recent Advances on Machine Learning based Wearable Electronics applications**" at the National Conference on Recent Trends in Artificial Intelligence, Advanced Communication and Smart Systems (RTAACS' 23) at KPR Institute of Engineering and Technology on April 1, 2023.

3. "**Financial Distress Prediction using Machine Learning**" at the National Conference on Recent Trends in Artificial Intelligence, Advanced Communication and Smart Systems (RTAACS' 23) at KPR Institute of Engineering and Technology on April 1, 2023.

4.**." Application to Generate Music with Artwork based on the Emotional State of a Person "**at the National Conference on Recent Trends in Artificial Intelligence, Advanced Communication and Smart Systems (RTAACS' 23) at KPR Institute of Engineering and Technology on April 1, 2023.

Research Interests	*Machine Learning in Finance* **Predicting Financial distress Using advanced Machine Learning Techniques**
Other relevant achievements, awards and links:	*Patent :* *Title* AN ARTIFICIAL INTELLIGENCE BASED INFANT EMOTION PREDICTION USING WALL MOUNTED STICKERS. *Application Number:*202241041319. **Linked in ID:** **kavitha-manikandan-8b376725a** **Google Scholar ID** **https://scholar.google.com/citations?user=xWTlG5oAAAAJ&hl=en**