


# Kathir College of Engineering

## Faculty Profile

<p><b>P. Sangeetha</b>  <b>Assistant Professor</b>  <b>Artificial Intelligence and Data Science</b></p>		
<b>Qualification</b>	<b>M.E.,</b>	
<b>Area of Specialization</b>	<b>Machine Learning, Data Science</b>	
<b>Email</b>	<a href="mailto:sangeetha@kathir.ac.in">sangeetha@kathir.ac.in</a>	
<b>Mobile Number</b>	<b>7904178701</b>	
<b>Membership in Professional Bodies</b>	-	
<b>Total Experience in (Years) :</b>		
<b>Industry</b>	<b>Academic</b>	
Experience in Years : 1.5 year	Experience in Years : 4 Years 8 Months	
<b>Publication Details</b>		
<b>Number of Papers Published</b>	<b>Journal Publications</b>	<b>Conference Publications</b>
		<b>4</b>
<p><b>BOOKS &amp; BOOK CHAPTERS:</b></p> <ul style="list-style-type: none"> <li>• <b>“Optimization of Recycling bandwidth in WiMax Technology: Unused reserved bandwidth recycled using WiMax Technology”</b> M.Kavitha, P. Sangeetha “by Lambert Academic Publishing(2022) (ISBN-10: 6204978500, ISBN-13 : 978-6204978505)</li> </ul>		

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

**Conferences:**

- **“Recent Advances on Machine Learning Based Flexible Electronics Application”** in the AICTE Sponsored National Conference on “Recent Trends in Artificial Intelligence, Advanced Communication and Smart systems” (RTAACS'23) from 31.03.2023 to 01.04.2023.

- **“Expiry Date Detection of Packed Foods using Deep Learning”** in the AICTE Sponsored National Conference on “Recent Trends in Artificial Intelligence, Advanced Communication and Smart systems” (RTAACS'23) from 31.03.2023 to 01.04.2023.

- **“Application to Generate music with Artwork based on the emotional state of a person”** in the AICTE Sponsored National Conference on “Recent Trends in Artificial Intelligence, Advanced Communication and Smart systems” (RTAACS'23) from 31.03.2023 to 01.04.2023.

- **“Smart water Irrigation system using Internet of Things”** in the AICTE Sponsored National Conference on “Recent Trends in Artificial Intelligence, Advanced Communication and Smart systems” (RTAACS'23) from 31.03.2023 to 01.04.2023.

**Research Interests**

**Other relevant achievements, awards and links:**

**Patent:**

**Title:** AN ARTIFICIAL INTELLIGENCE BASED INFANT EMOTION PREDICTION USING WALL MOUNTED STICKERS.  
Application Number: 202241041319.

Participated in Five Days Faculty Development Programme (FDP) on **“Emerging Trends in Information Technology”** organized by Department of Information Technology, Hindusthan College of Engineering and Technology, Coimbatore from 26.06.2023 to 30.06.2023.

Participated in **AI and Application** Faculty Training Program jointly with Infosys SpringBoard 08.08.2023 to 11.08.2023

Participated Six-Day Faculty Empowerment Programme on **CCS338 – Computer Vision** conducted in Physical Mode by Department of ECE at Anna University Regional office Coimbatore from 21.08.2023 to 26.08.2023.

Participated in 5days Online International Faculty Development Program on **Data Analyst** organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in collaboration with ExcelR dated on 19<sup>th</sup> June 2023 to 23<sup>rd</sup> June 2023.

Participated in **Cloud Computing Faculty Training Program** jointly with Veranda and Edureka dated on 26.10.2022

Attended Five days Faculty Development Programme on "**FULL STACK DEVELOPMENT**" from 11.07.2023 to 15.07.2023 organized by the Department of Computer Science and Engineering, Kamaraj College of Engineering and Technology, Virudhunagar.

Participated in "**One Week Virtual FDP on Advanced Machine Learning Algorithms for Real Time Applications using R and Python**" held at the RV Institute of Management during August 01-06, 2022.

**LinkedIn ID:**

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