Name of the Faculty	MOHAN KAMAL HASSAN	PHOTO	
Designation	ASSITANT PROFESSOR(AI&DS)		
Date of Joining	26 March 2025		
E - Mail	mohankamalhbec24@gmail.com		
Educational Qualifications	Name of the Degree	Institute	Class
Ph. D			
MS(USA)	M.S (CSE)	University of New Haven USA	1ST CLASS Distinction
PG	M.TECH(CSE)	VIT, VELLORE	1ST CLASS Distinction
UG	B.TECH(IT)	MGIT, HYD	1ST CLASS Distinction
Work Experience	9 years		
Teaching	2	POWER BI DEVELOPER, TABLEAU	
Research	1	SENTIMENTAL ANALYTICS	
Industry	6 Years(IT)	Amazon, Ericsson, USA-NJ	
Responsibilities held at the central level in college	• I have coordinated six workshops and 4 seminars at the central college level and actively participated in international events. I won a prize in a quadcopter drone development competition and contributed to key college events. Additionally, I secured a 50% Dean's Scholarship worth ₹10 lakhs to pursue studies at the University of New Haven, USA.		
Responsibilities held at the departmental level in college	• At the departmental level, I contributed to 2 major and 2 mini projects, including developing a database management system to enhance secure login protocols. I also worked on sentiment analysis of Amazon product reviews using machine learning algorithms. My work involved tools like Power BI, MySQL, and SQL Server Management Studio to create dashboards and visualizations.		
Courses Handled at UG Level	• I have handled undergraduate courses including Software Engineering and Database Management Systems. Additionally, I conducted an IT Workshop focused on practical tools and technologies. I also taught R Programming, emphasizing data analysis and statistical computing.		
Courses Handled at PG Level	• At the postgraduate level, I have handled courses on Power BI dashboard development and Tableau for data visualization. I also taught cloud computing concepts and their integration with modern technologies. My sessions included hands-on training with Alteryx, focusing on data engineering workflows.		
Area of Research	• My area of research focuses on sentiment analysis using machine learning techniques, with applications in e-commerce product reviews. I co-authored a research paper on this topic with Professor Sasikala R, which		

	was published under the guidance of VIT University, Vellore. The study emphasizes data-driven insights using tools like Power BI and SQL.
Research Guidance for M. Tech/ Ph. D Students	• Guided M.Tech students in projects involving sentiment analysis using machine learning and natural language processing (NLP) on e-commerce data. Supervised the development of data visualization dashboards using Power BI and Tableau for real-time analytics. Mentored students on integrating cloud computing platforms with Alteryx for scalable data engineering solutions. Provided technical guidance on secure database systems and privacy-preserving login mechanisms for web applications.
Books/ Book Chapters Published	• I co-authored a research paper in 2018 that was published as part of a compiled journal book by VIT University, Vellore, under the guidance of Dr.Sasikala R. • This publication focused on sentiment analysis in e-commerce using machine learning techniques.
Prominent Research Publications in Conferences	• I presented my work on data engineering technology using Alteryx and Power BI for building data pipelines at a conference in the USA. I also attended the Power BI Conference, where I explored advanced data visualization and business intelligence techniques. These experiences deepened my expertise in integrating low-code platforms for real-time analytics.
Prominent Research Publications in Journals	• Co-authored a research paper on sentiment analysis of e-commerce product reviews using machine learning, published in 2018 under the guidance of Prof. Sasikala R at VIT University, Vellore. The paper was featured in the VIT University Journal Book, highlighting innovative applications of Power BI and SQL in analyzing customer feedback. The research focused on leveraging natural language processing (NLP) and data visualization to derive consumer behavior insights from large-scale datasets.
Web of Science/**Scopus ID**	• Web of Science and Scoups ID((WOS) Publications: A review of economic impact of COVID-19 on people, businesses, and communities across the United States (2023) Sentiment analysis of Amazon reviews using Naïve Bayes on laptop products with MongoDB and R (2017)Annual automobile sales prediction using ARIMA model (2017)Citations:Total of 14,930 citations across all publications. 45 reads of the listed works.
Google Scholar ID	• Google Scholar ID: 9f3G8CAAAAAJ
H-Index (As per SCOPUS Database)	• I am a registered user on the Scopus database, actively working on several research papers that are in the process of being published. My H-index is continuously growing as I contribute to the academic community through impactful research in fields like data engineering, machine learning, and business intelligence.
PROFESSIONAL MEMBERSHIPS	• I completed my M.Tech at VIT Vellore, participated in various projects and gained membership(SCOPE) in professional societies and in University of New Haven-USA(Beta Gamma Sigma) member. to global trends and industry practices, enhancing my academic and professional growth.

Details of Short-Term Training Programs/Faculty Development Programs/Seminars/ Workshops (Attended)	• I have conducted both short-term and long-term training sessions for students, focusing on technical skills and industry knowledge. As part of my professional development, I participated in a one-year training program in the USA, where I gained hands-on experience in data engineering, machine learning, and business intelligence tools like Power BI, Alteryx, and Tableau. Additionally, I facilitated workshops and seminars at the departmental and college level, contributing to students' skill development and preparing them for global opportunities.
Details of Short-Term Training Programs/Faculty Development Programs/Seminars/ Workshops (Organized)	• I have organized and conducted several short-term training programs, faculty development workshops, and seminars, focusing on data engineering, machine learning, and business intelligence tools. These sessions included hands-on training with **Power BI**, **Alteryx**, and **Tableau**. Additionally, I have led workshops on emerging technologies, empowering both students and faculty with industry-relevant skills.