FACULTY PROFORMA

Name of the Faculty:	**Dr.Mohammed Farheen**		 Photo
Designation:	**Assistant Professor**		
Department:	**AIML**		
Date of Birth:	**22-01-1994**		
AICTE – ID:	**1-43828872934**		
Education	Ph.D. (CSE) – Florida Institute of Technology, U.S.A -2016-2019 – 4 GPA Masters M.S.(CSE) – Silicon valley University, U.S.A- 2016-2016-3.47 GPA B.Tech(Mech): Bapatla Engineering College Bapatla -2011 - 2015 - 8.7 CGPA Intermediate: P.B.N College,Nidubrolu- 2011 - 82% SSC: NNT Public School, Ponnur- 2009- 92%		
Experience	Teaching: 6.7	Industry: 3	**Total: 9.7**
	Research:4	Others: N/A	
Research Specialization	**Search Based Software Project Management (Using Machine Learning Generic Algorithm)**		
Courses taught	**1. Machine Learning** **2. Advance Machine Learning** **3. Artificial Intelligence** **4.Deep Learning Techniques** **5.Compiler Design** **6.Data Base Management Systems** **7.Introduction to Cyber Security** **8.Python programming** **9.Object Oriented Programming Systems (Java)** **10.Natural Language Processing** **11.Design and analysis of Algorithms** **12.Software Engineering** **13.Big Data Analytics** **14.Full Stack Development**		
Research contributions			

International/national peer reviewed journals

S. No.	Title of paper	Journal	Year	Volume	pages	Indexing SCI/WoS/ COPUS,UGC, Google scholar)
1	A study of Network Intrusion Detection Systems Using AI	IJCRT	2024	12	870-879	UGC
2	AI Based Information Transfer Scheduling in Cloud for Big Data Applications	IJSREM	2025	9	652-658	UGC
3	Adaptive Cyber Defense: Leveraging AI for Real Time Threat Detection	IJSREM	2025	9	883-889	UGC
4	Comprehensible AI in Cyber Security : Bridging the Trust Gap	IJSREM	2025	9	774-781	UGC
5	Conversational AI: Designing Intelligent Chabot's and Virtual Assistants	IJSREM	2024	8	582-593	UGC
6.	Qualitative V/S Quantitative Research – A Summarized Review	JEBMH	2019	6	2828-2832	Scopus
7.	An MPL-CCN Model For Real Time Health Monitoring and Intervention	ETASR	2024	4	15553-15558	SCI
8.	AI-Enabled inter cloud broker for autonomous multi cloud service Orchestration	IJIRT	2024	4	2455-2631	UGC
9.	Image Security and Authentication Using Probabilistic Principal Component Analysis	IJSDR	2024	9	2582-3930	UGC
10.	Towards Standardized Evaluation of Large Language Model-Based Agents	IJSREM	2025	11	2582-3930	UGC
11.	Unlocking Big Data with Quantum Machine Learning	IJSREM	2025	12	2349-6002	UGC
12.	An Intelligent Multi Model Resume Screening System Using LLaMA Based Semantic Embeddings, Weighted Skill Extraction and Explainable Scoring	IJSREM	2026	12	2882-3320	UGC
13.	Hybrid Multimodal Generative AI system for Integrated Prescription and Laboratory Report Analysis with Personalized Drug Guidance and Clinical Decision Support	IJSREM	2026	12	2882-3320	UGC

Books published

S. No.	Title of the book	Publisher	year
1	Python Programming (ISBN: 978-93-6260-255-8)	Charulatha Publications, Chennai	2024

Book chapters Published

S.No.	Title of the Chapter	Book title	Publisher	year
1				

Details of Patents (Filed & Granted)

S. No.	Applications number	Title of the patent	Date of filing/publishing	Published/granted
1	202541044935	Federated Learning Framework for privacy-preserving AI Models	9-5-2025 (National)	Published
2	2024/05615	AI Toothbrush for elderly people	26-02-2025 (International)	Granted
3	2025/14693	Biometric Tracking Device for wildlife monitoring	July,2025 (International)	Granted
4	202641047459	AN AI Driven Resume Screening Framework with Semantic Matching and Explainable Decision Support	2026	Published
5	202641045385	An Intelligent Multimodal system for cross referential Analysis of Medical Records using combined visual and Textual Processing	2026	Published
6	202641047685	Improving brain Tumor MRI classification Accuracy Through fast DDPM and Efficient B0 Optimization	2026	Published
7	202641046915	Enhanced X-ray Analysis system using Multimodal AI	2026	Published

8	**202641047876**	**AI based system for conducting and evaluating job interviews using multimodal analysis and adaptive questioning**	**2026**	**Published**
9	**202641046870**	**Loan Eligibility prediction and document verification**	**2026**	**Published**
10	**202641045331**	**Multi type question generation system**	**2026**	**Published**

Details of Conferences/FDPs/STTPs/webinars/Workshops Organized

S.No.	Name of the event	Role	Dates
1	**Data Analytics & Data Visualization**	**Coordinator**	**03-04-2024 to 05-04-2024**

Details of Conferences/FDPs/STTPs/webinars/Workshops Participated

S.No.	Name of the event	Organized by	Dates
1.	**Modern Data Science, ML & CB Strategies**	**Panipat Institute of Eng. & Tech.**	**15 to 19 Jan, 2025**
2.	**Devops & AWS**	**Aalim Muhammed Saleigh College of Eng., New Delhi**	**4th to 8th April, 2025**
3.	**AI:powering Innovation & Efficiency in every sector (workshop)**	**Pencil Bitz**	**9-7-2024**
4.	**Research Methodology & Analysis through SPSS**	**Pencil Bitz**	**26th to 3oth August, 2024**
5.	**Cyber Espionage and Cyber Crimes in Cyber Security**	**Vardhaman College of Engineering**	**18 to 23 March,2024**
6.	**Data Analytics & Data Visualization**	**Lords Institute of Eng. & Tech.**	**03-04-2024 to 05-04-2024**
7.	**Ethical hacking & Penetration Testing**	**Lords Institute of Eng. & Tech.**	**1st to 5th April, 2024**
8.	**Research Advancements in ML & DL**	**Pencil Bitz**	**24th to 29th June, 2024**
9	**Data Analytics & Data Visualization**	**Lords Institute of Engineering & Technology**	**03-04-2024 to 05-04-2025**
10	**Modern Data Science, ML & CB Strategies**	**Panipat Institute of Eng. & Tech (New Delhi)**	**15-01-2025 to 19-01-2025**
11	**Devops & AWS**	**Alim Muhammed Salegh College of**	**04-04-2025 to 08-04-2025**

		Engineering (New Delhi)	
12	AI:powering Innovation & Efficiency in every sector	Pencil bitz Academy	07-09-2024
13	Research Methodology & Analysis through SPSS	Pencil bitz Academy	26-08-2024 to 30-08-2024
14	Intellectual Property Rights & E-Governance	Kathir College of Engineering,Coimbatore & Olivia Publications	01-09-2025 to 05-09-2025
15	Six Sigma Assessment	Learn Tube.ai	06-09-2025
16	Gen AI	Learn Tube.ai	07-09-2025
17	3 Day Intensive Technical session on Quantum computing	SkillDzire	18/9/2025 to 20/9/2025
18	Next Gen Research in CSE	Lords Institute of Engineering & Technology (HYD)	13-10-2025 to 17-10-2025
19	Quantum Computing	VNR-VJIET (HYD) & Blackbucks	21-11-2025 to 25-11-2025
20	Agentic AI & Mlops Design & development of Intelligent systems	Lakireddy Bali reddy college of Engineering	22-06-2026 to 26-06-2026
21	AI Tools for Teaching and Research	Bapatla Women's Engineering college	8-7-26 to 10-7-26
22	Fundamentals of Quantum computing	Bapatla Women's Engineering college	20-7-2026 to 25-7-2026

Awards/recognitions/achievements

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1	Reviewer Recognition	International Journal of Innovative Research in Technology	2025

Details of project proposals submitted/sanctioned/completed

S.No.	Title of the Project	Funding body	Submitted/ Sanctioned/ Completed	Amount	Year/ duration

Consultancy contribution

S.No.	Year	Amount	Details
1			

Student Project/research guidance

S.No	Level	Total number
1	UG	Completed: - Ongoing: -
2	PG	Completed: - Ongoing: -
3	PhD	Completed: - Ongoing: -

Administrative experience

S.No.	Role	Duration (From – to)
1		

Research credentials

Index/database	https://scholar.google.com/citations?user=7lAvwdUAAAAJ&hl=en
SCOPUS	
Web of Science	
Vidwan ID	**582055**

Any other relevant information

Successfully completed certification courses :

“Business Analysis & Scrum Master”

Dr.Farheen Md

10-09-2026