Dr. M.Gargi

Designation : Assistant Professor

E-Mail ID : gargimadala@vrsiddhartha.ac.in

Contact at : Department of Information Technology,
Siddhartha Academy of Higher Education,
Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (School of Computer Science and Engineering)
2024, VIT-AP University, Amaravati

M.Tech (Information Technology)
2010, Nimra College of Engineering & Technology, Vijayawada

B.Tech (Computer Science and Information Technology)
2005, St. Ann's College of Engineering & Technology, Chirala

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2023 to Till Date	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada, Andhra Pradesh	IQAC Member, Cultural Club Co-Coordinator, NPTEL/MOOC Incharge, IEEE-CIS Chapter Incharge,
2010 – 2020	Assistant Professor	Vignan's Lara Institute of Technology & Science, Vadlamudi.	Examination Incharge, Counselling Incharge, Cultural Coordinator, NBA/NAAC coordination.

Research Interests

Broad Area of Research :

- Deep learning
- Machine Learning
- Computer Vision and Image Processing

Honors and Awards

- Received "IEEE BEST PAPER AWARD" in July 2015 at IEEE Conference at Noorul Islam University, Tamil Nadu.
- Received "TEACHER OF EXCELLENCE AWARD" for 4 times at Vignan's Lara Institute of Tech. & Science for achieving 100% results for the academic years of 2011, 2012, 2017 & 2018.
- Received "STAR PERFORMER AWARD" at Vignan's Lara Institute of Tech. & Science for achieving 100% results in the years 2017 & 2018.
- Completed NPTEL certification course for "Operating System Fundamentals" with "Elite" badge in the year 2019, "Machine Learning, Software Testing & Software Engineering" in the years 2020 & 2023.

Courses Taught

S.No	Course Name	Level (UG/PG)
1	Machine Learning	PG
2	Object oriented Analysis & Design using UML	PG
3	Software Engineering	UG
4	Operating Systems	UG
5	AI Tools & Applications	UG
6	Python Programming	UG
7	C Programming	UG
8	Agile Software Development	UG
9	Software Project Management	UG
10	Compiler Design	UG
11	Software Testing	UG

Research Profile

Publications

The recent publications and research contributions can be viewed from the following URLs

Google Scholar	https://scholar.google.com/citations?user=bFEuJGYAAAAJ&hl=en&oi=ao
Scopus	https://www.scopus.com/authid/detail.uri?authorId=56492981600
ORCID	https://orcid.org/0000-0002-8339-2024
ResearchGate	https://www.researchgate.net/profile/Gargi-Madala
Publon	https://www.webofscience.com/wos/op/publications/add

Recognized Research Supervisor

S.No.	Department	University

Funded Research Projects

S.No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
01.	Funded	Reducing diagnostic delays: optimized AI Techniques for Early Diabetic retinopathy	On-Going	Seed grant	1,00,000	2 Years

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	IQAC Member	SAHE	2024-2025	Academic Quality Enhancement, Planning and Monitoring, Research, Extension & Collaboration, Student Support & Progression

2	Cultural club Co-ordinator	SAHE	2025	Student Engagement & Guidance, Planning and Monitoring, Promotion & Communication, Administration & Reporting

Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1	Operating Systems Fundamentals	NPTEL	12 Weeks	2019
2	Machine Learning	NPTEL	8 Weeks	2020
3	Software Testing	NPTEL	4 Weeks	2020
4	Software Engineering	NPTEL	8 Weeks	2023
5	AWS AI Practitioner	Amazon	3 years validity (Global Certification)	2025

Consultancy / Industry Projects

Completed	-
On-going	-
Applied	-

Patents

S.No	Title	Status	Application No.	Year

Ph.D

Awarded	-
Guiding	-

Invited Talks

No. of Invited Talks	02

Professional Service / Reviewer

- Reviewer in Acta Diabetologica, Springer
- Reviewer in Evolving Systems, Springer
- Reviewer in Cluster Computing, Springer
- Reviewer in Scientific Reports, Springer
- Reviewer in BMC Medical Imaging, Springer
- Text Book Reviewer – Computer Programming, Reema Thareja

Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	18
International / National Level Seminars	02 / 05
International / National Level Conferences	04
Workshops	07
Instructor Led / Self-Paced Courses	-
Webinars	06

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	100091299	IEEE (The Institute of Electrical and Electronics Engineers)
2.	264001	International Associations of Engineers (IAENG)

(Your Name & Signature with Date)

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