



Gomathi

**VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN**  
[AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY, CHENNAI]  
Elayampalayam – 637 205, Tiruchengode, Namakkal Dt., Tamil Nadu.



### INDIVIDUAL FACULTY PROFILE

#### I. GENERAL INFORMATION

1. Name : M.GOMATHI
2. Designation/Dept. : ASSISTANT PROFESSOR / CSE
3. Residential Address :  
45/62,KATTUR,RASIPURAM,NAMAK  
KAL
- Phone No. :7402657022
- E-mail id :gomathiharim@gmail.com
4. Date of Birth :28/10/1982
5. Community :MBC
6. Father / Husband Name : K.MUTHUSAMY
7. Area of Specialization : Artificial Intelligence
8. Date of first appointment  
in college service : 05.06.2005
9. Date of Joining : 27.01.2025

#### II. ACADEMIC QUALIFICATION

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
U.G.	B.E	IT	2005	SSM College of Engineering	Anna university		FWD
P.G.	M.E	IT	2007	AMS Engineering College	Anna university		FWD
Ph.D.	Pursuing	-	-	-	-	-	-

### III. TEACHING EXPERIENCE

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Annai Mathammal Sheela Engineering College	Lecturer	1.6.2005	15.10.2005	0	4	15
Annai Mathammal Sheela Engineering College	Assistant Professor	15.7.2007	31.5.2011	3	10	15
ARM College of Engineering and Technology	Assistant Professor	4.7.2011	3.1.2012	0	6	0
King Colleg of Technology	Assistant Professor	2.5.2016	9.3.2019	2	10	9
ARM College of Engineering and Technology	Assistant Professor	21.12.2019	31.12.2021	2	0	10
Muthayammal College of Engineering	Assistant Professor	1.3.2022	31.05.2023	1	3	0
Vivekanandha College of Technology For Women	Assistant Professor	3.7.2023	25.1.2025	1	6	23
Vivekanandha College of Engineering for Women (Autonomous) , Elayampalayam	Assistant Professor	27.1.2025	Till Date	0	2	10
Total				12	9	22

### IV. INDUSTRIAL EXPERIENCE

Name of the Organization	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
NIL							
Total					NIL		

### V. RESEARCH EXPERIENCE

Name of the Organisation	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Day
NIL							
Total					NIL		

### VI. NO.OF PAPERS PRESENTED AND PARTICIPATED CONFERENCE / SEMINAR / WORKSHOP:

S.No	Title	Event	Organizer	Date
1.	Introduction to Machine Learning	Online Course	NPTEL-IIT Kharagpur	JUL-SEP 2025
2.	Computer Vision And Image Processing - Fundamentals And Applications	Online Course	NPTEL-IIT Guwahati	JAN-APR 2025
3.	AI &Reconfigurable SOC Architecture and hardware security and cryptography for	Seminar	Knowledge Institute of Technology	15.5.2025& 16.5.2025

	Defence Applications			
4.	Cloud Computing	Industrial Visit & Training	KGiSL	11.9.2025
5.	Bio-inspired Computing and Intelligent Optimisation: Bridging Nature and AI	Faculty Development Program	SAI RAM Institute of Technology	21.7.2025 to 26.7.2025
6.	Enhancing Optical Sensor Image Classification Through Deep Learning with Convolutional Neural Network	Conference	E.G.S Pillai Engineering College	4.4.2025 & 5.4.25
7.	Accurate Brain Tumor Detection using Optimized Feature Selection based Hybrid Algorithm	Conference	Bharath Niketan Engineering College	11.12.2024 to 13.12.2024
8.	AI Driven Interactive Agri Bot Providing Realtime Assistance in Cultivation and Market	Conference	Knowledge Institute of Technology	6.04.2024
9.	Design and Analyse the Framework For Preventing Cyber Bullying Social Network Sites	Conference	Narasu's Sarathy Institute of Technology	13.5.2023
10.	Theft Detection and Control System with Photosensitive Technology Using Internet of Things	Conference	Muthayammal College of Engineering	20.3.2024
11.	Next Gen SoC Architecture: Pioneering AI Integration in Signal Processing	Seminar	Knowledge Institute of Technology	13.3.2024 to 14.6.2024
12.	Harnessing Digital Healthcare Technologies: Biomarkers, IoT, Data Analytics and AI in Precision Medicine	ATAL Faculty Development Program	Knowledge Institute of Technology	12.8.2024 to 17.8.2024
13.	Python for Data Science	Online Course	NPTEL-IIT Madras	28.02.2023
14.	Introduction To Operating Systems	Online Course	NPTEL-IIT Madras	24.9.2023
15.	Research Methodology	Online Course	NPTEL-IIT Madras	20.10.2024
16.	Problem Solving and Python Programming	Faculty Development Program	Centre for Faculty Development Anna University, Chennai	18.07.2022 to 23.07.2022

17.	Microsoft Power BI Data Analyst Associate	Faculty Development Program	ICT Academy	9.5.2022 to 13.5.2022
18.	Industrial IOT & Industry 4.0	Faculty Development Program	Centre for Faculty Development Anna University, Chennai	12.2.2024 to 17.2.2024
19.	Data Structures	Faculty Development Program	Centre for Faculty Development Anna University, Chennai	20.6.2022 To 25.6.2022
20.	Augmented Reality/Virtual Reality	Faculty Development Program	Centre for Faculty Development Anna University, Chennai	2.1.2023 to 07.1.2023
21.	10 Day Research Workshop on paper writing	Work shop	Vivekanandha College of Engineering For Women	26.2.2.24 to 8.3.2024
22.	Designing network Architecture for implementing security mechanism	conference	Mahendra Engineering College	9.4.2010
23.	Personal Authentication using IRIS Texture Analysis	Conference	Muthayammal Engineering College	24.4.2009
24.	Java & Struts Framework	Skill based Training Program	AMS Engineering College	23.4.2010 to 24.4.2010
25.	Data warehousing and Mining	Short Term Training Programme	AMS Engineering College	16.6.2008 to 20.6.2008
26.	Case Tools -overview	Staff Development Programme	Kongu Engineering College	10.5.2008 to 20.5.2008

## **VII. PUBLICATIONS**

### **1. JOURNAL**

<b>S.No</b>	<b>Title of the Paper</b>	<b>Journal Name</b>	<b>Year of Publication</b>
1	Next-Gen AI models for Accurate plant Disease Detection using CNN's Architecture	UGC CARE Group-I Journal	June 2025
2	Accurate Brain Tumor Detection using Optimized Feature Selection based Hybrid Algorithm	IEEE	Feb 2025
3	Theft Detection and Control System with Photosensitive Technology Using Internet of Things	International Journal of New Innovations in Engineering and Technology	March 2024
4	AI Driven Interactive Agri Bot Providing Realtime Assistance in Cultivation and Market	International Journal for Multidisciplinary Research	April 2024

**2. BOOKS**

S.No	Author/s	Title	Publisher	Year of publication
Nil				

**VIII. CONFERENCE / SEMINAR/ WORKSHOP ORGANIZED**

S.No	Organized Event	Title of the Event	Date
1.	Faculty Development Training Programme	CCS340-Cyber Security	1.7.24 to 6.7.24

**GUEST LECTURE DELIVERED**

S.No	Topic Delivered	Name of the Organization	Date
1.	NIL		

**IX. CONFERENCE / SEMINAR/ WORKSHOP CHAIRED**

S.No	Status as organizer	Title of the Conference/Seminar/Workshop	Date
NIL			

**X. CHAIRMAN / MEMBER OF AUTHORITY / COMMITTEE etc.**

S.No	Chairman/Member/Secretary	Committee / Authority	Year (From – To)
NIL			

**XI. MEMBERSHIP TO PROVISIONAL ORGANIZATION / ASSOCIATIONS**

S.No	Name of the Organization / Associations	Life Member / Ordinary Member
NIL		

**XII. AWARDS / RECOGNITIONS : NIL**

  
 Signature of the Faculty