

Name: G.GOMATHY																				
Designation:	Associate Professor																			
Qualification:	B.E (Computer Science and Engineering), M.E (Computer Science and Engineering)																			
Area of specialization:	Data Mining																			
Experience:	Industrial Experience	Teaching Experience																		
Number of workshops / FDP attended:	NIL	15 Years																		
Publications:	Number of Workshops		Number of FDPs																	
	1	9																		
	Conference		Journals																	
Patents:	National	International																		
	5	-																		
Professional Body Membership	-																			
Awards and Achievements:	100% results produced in the following papers																			
	<table border="0"> <thead> <tr> <th>Subject</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td>Computer Architecture</td> <td>April/May</td> </tr> <tr> <td>2005 Software Engineering</td> <td>April/May</td> </tr> <tr> <td>2005 Datawarehousing & DataMining</td> <td>Nov/Dec 2014</td> </tr> </tbody> </table> <table border="0"> <thead> <tr> <th colspan="2">Highest Result produced</th> </tr> <tr> <th>Subject</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td>Total Quality Management</td> <td>Apr/May 2018</td> </tr> <tr> <td>Multicore Architecture 2018 & Programming</td> <td>Apr/May</td> </tr> </tbody> </table> Top Mentor award in NPTEL <ol style="list-style-type: none"> 1. Programming and Data Structures 2. Human Computer Interaction 3. Entrepreneurship 				Subject	Year	Computer Architecture	April/May	2005 Software Engineering	April/May	2005 Datawarehousing & DataMining	Nov/Dec 2014	Highest Result produced		Subject	Year	Total Quality Management	Apr/May 2018	Multicore Architecture 2018 & Programming	Apr/May
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PUBLICATIONS JOURNALS

International Journals:

1. Smart Adaptive Traffic Control in IJTRE – ISSN : 2347 – 4718 (May 2018)
2. IoT Based Pulse Oximeter for Remote Health Assessment: Design, Challenges and Futuristic Scope IJEER on 2022

CONFERENCE PAPERS

1. Result Rate Optimization using Adaptive Join Operators, NCCAC-11 Adhiparasakthi Engineering College, April 2011.
2. Multi-Gradient Routing Protocol for Wireless Sensor Networks NC2(ET)-2018 Sri Lakshmi Ammal Engineering college, March 2018.
3. Site-Specific Crop Management published on 2023/12/14 2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS)
4. Behavioral Analysis of Dog using Machine Learning published on 2023/12/14 2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS)
5. Exploring Novel CNN Architectures for Deep Learning-Based Liver Tumor Occurrence Prediction published on 2023/12/14 2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS)
6. Prognosis of brain stroke using Machine Learning published on 2024 ICPECTS
7. Fine Tuning Private GPT for better performance and data privacy 2024 ICPECTS
8. Effective farming for zero wastage and Enhancement of farmer's income 2024 ICPECTS
9. Automatic Waste Management based on IoT using a Wireless Sensor Network published on 2022
10. Drone Surveillance Integrated with Machine Learning for Enhanced port Management IC3IOT 2024

UGC Publications

1. SUPERVISION OF ANIMALS USING MACHINE LEARNING, JSCER, Vol 6, Issue 5, June 2023
2. ANTI-DRONE System Using Machine Learning, TIJER, Vol 11, Issue 5, May 2024
3. Site Specific Crop Management, JSCER, Vol 6, Issue 5, June 2023
4. Flight Procedure Trainer using VR, TIJER, Vol 11, Issue 5, May 2024
5. AI Based Collision Avoidance System for Vessels, TIJER, Vol 10, Issue 6, June 2023

List of Patents Published:

1. A Novel Multi-Scale Mechanism for Students Placement Prediction Using Sentiment Analysis in Machine Learning on 2024
2. To Develop an Artificial Intelligence (AI) Enabled Real Time Music Recommendation System on 2024
3. Design and Implementation of Hybrid Approach to Predict Plant Diseases using Internet of Things (IoT) on 2024
4. Virtual reality powered flight training on 2024
5. An evolution over internet of things enabled realtime weather forecasting system using Aurdino on 2023

List of Books Published:

1. Book Chapter titled with “Novel Cutting-Edge Security Tools for Medical and Genomic Data With Privacy Preservation Techniques” ,Book Editor(s):Amit Kumar Tyagi, published on 17 October 2023 .
2. Book titled with “C Programming” at Charulatha Publications on January 2025
3. Book titled with “Deep Learning” at Charulatha Publications on 2025

FACULTY DEVELOPMENT PROGRAMME

1. Free open source software – LinuXpert Systems & Karpaga Vinayaga College of Engineering and Technology, Padalam, February 2013
2. Principles of Compiler Design, MIT Chennai, November 2011
3. Microsoft Power BI Data Analyst Associate 8.11.2022 to 18.11.2022
4. FDP on AI Tools Sri Sairam Engineering College, 17.02.2025 to 21.02.2025
5. Emerging Trends in Artificial Intelligence(AI): Innovations and Applications, Sri Sairam Engineering College 16.12.2024 to 21.12.2024
6. 7 days FDP on the Gen Z Effect: Innovation, Impact and the future of Industry, Star International Foundation for Research and Education 02.10.2025 to 08.10.2025
7. Emerging Frontiers in Generative AI and Deep Learning, Measi Institute of Technology 24.11.2025 to 28.11.2025
8. Demystifying AI and Data Science, PALS and Meritus AI, 23.01.2025 and 24.01.2025
9. Exploring Wearable Tech and AI Innovations for Personalized Healthcare, IEEE EMBS, Rajalakshmi Engineering College, 03.06.2024 to 07.06.2024
10. Automation tools for AI, Sri Sairam Engineering College, 07.07.2025 to 12.07.2025
11. Hands-on Training on Data Science Tools, Sri Sairam Engineering College, 23.01.2023 to 28.01.2023
12. Deployment of Artificial Intelligence and Data Science in Developing Electrical Engineering Applications, Bharath Institution of Higher Education and Research, 04.08.2022 to 17.08.2022
13. Generative AI with Large Language Models, Sri Sairam Engineering College, 22.02.2024 to 28.02.2024
14. Recent Advancements in Artificial Intelligence, Jerusalem College of Engineering, 08.01.2024 to 12.01.2024
15. FDP on Quantum Computing, Sri Sairam Engineering College, 27.05.2024 to 01.06.2024
16. FDP on Deep Learning and its Applications, Sri Sairam Engineering College, 11.07.2022 to

15.07.2022

17. AICTE Recognized FDP on IOT Basics, Sri Sairam Engineering College, 24.04.2023 to 28.04.2023

18. AICTE Recognized FDP on SCILAB for Engineering Application, Sri Sairam Engineering College, 08.05.2023 to 12.05.2023

19. Recent Advancements in Machine Learning : Emerging Tools, Techniques and Applications, Prathyusha Engineering College, 24.11.2025 to 28.11.2025

WORKSHOP

1. Three Day School on Algorithms and Techniques , B.S.Abdur Rahman University Chennai September 2011
2. Attended workshop on Emotional Intelligence, All Pro Trainings ,08.06.2024

SEMINARS /WORKSHOP/CONFERENCE ORGANIZED:

- 2nd National Conference on Advancement in AI and Emerging Trends organized on November 2023 “NCAAIET’23”
- Guest Lecture on How to convert an idea into a Commercial Product, 20.04.2023
- Workshop on Design Thinking, 26.05.2023 to 31.05.2023
- Hands on Training on Java, 24.06.2023
- How to implement rapid miner tool in Machine Learning, 08.09.2023
- Skilling program on Drones 08.2.2024 to 13.02.2024
- Guest lecture on Industrial Insights on 08.04.2024
- Organized National Level Technical Symposium AIRO 5.0 on 12.09.2025
- Virtual Workshop on Higher Studies (GATE AND IELTS) 06.02.2026 to 14.02.2026

EDUCATIONAL QUALIFICATION

2009 - 2011	M.E (Computer Science and Engineering) First class Sri Muthukumaran Institute of technology
1997 - 2000	B.E (Computer Science and Engineering) 2 nd class Adhiparasakthi college of Engineering
1994 - 1997	Diploma in computer technology (First class with honours)
1994	Higher Secondary Certificate (HSC – State Board) St.Mary’s Higher secondary school
1992	Secondary School Leaving Certificate (SSLC – State Board) Sri Ramakrishna Mission Vidyalaya Higher secondary school

Declaration: I hereby declare that all the information mentioned above is true to my knowledge and I have all supporting documents for the facts mentioned above.

(G.Gomathy)

