

**Government Arts College (Autonomous), Salem – 7**  
**PG & Research Department of Computer Science**

**Faculty Profile**

1. Name : Dr. M. MALATHI
2. Designation : Assistant Professor
3. Date of Birth : 22.04.1970
4. Gender : Female
5. Address for Communication : Assistant Professor of Computer Science,  
Government Arts College (Autonomous)  
Salem – 636007.  
Mobile: 9443213646  
Email ID: [malamani2009@gmail.com](mailto:malamani2009@gmail.com)
6. Employee Code No. :
7. Date of joining Government Service : 26.12.2007
8. Total years of Experience: (as on 31.05.2019)



S.No.	Name of the Institution	Duration	Years	Months	Days
1.	Salem Sowdeswari College, Salem -10	27.08.93 to 30.06.99	5	10	3
		01.07.2001 to 30.11.2007	6	4	29
2.	Government Arts College (Autonomous), Salem-7	26.12.2007 to 31.05.2019	11	5	5
		Total	23	08	06

9. Educational Qualification :

S.No.	Course	Subject	Name of the Board/University	Year of Passing
1	M.C.A	Computer Applications	Madurai Kamaraj University	1996
2	M.Phil.,	Computer Science	Bharathidasan University	2006
3	Ph.D	Computer Science	Bharathiar University	2017

10. Additional Qualification (if any) : Type Writing (Lower)

11. Orientation Course attended:

Orientation / Refresher Course attended	Date	Organizing Institutions	Topic	Grade
Orientation Programme	26.12.2007 to 24.01.2008 (28 days)	Tamil Nadu State Council for Higher Education, Chennai & UGC-Academic Staff College, University Of Madras , Chennai.	Orientation (Intensive training) Programme	A

12. Refresher Courses attended:

Orientation / Refresher Course attended	Date	Organizing Institutions	Topic	Grade
Refresher Course	10.11.2009 to 30.11.2009 (21 days)	UGC-Academic Staff College, Bharathidasan University, Tiruchirappallii -23.	ICT Applications (MD)	A
Refresher Course	28.02.2015 to 20.03.2015 (21 days)	UGC-Academic Staff College, Bharathidasan University, Tiruchirappallii -23.	Computer Science	A

Refresher Course	02.03.2018 to 22.03.2018 (21 days)	UGC-Academic Staff College, Bharathidasan University, Tiruchirappalli -23.	Computer Science & Applications	A
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13. Short term courses details: Nil

14. Faculty Development programme Attended:

Sl.No.	Date	Organizing Institutions	Topic
1.	25.08.2008 to 28.08.2008	Cognizant Technology Solutions, Coimbatore	NASSCOM FDP training program on Soft skills
2.	19.02.2018	Government Arts College(Autonomous), Salem- 636007.	FDP and Workshop on “GEO-SPATIAL Techniques and education for science and Engineering disciplines
3.	16.11.2018 & 17.11.2018	Periyar University Salem- 11	Faculty Training Programme – Computer Science

15. No. of Papers presented in Conferences :

**International Level Paper Presentation:**

1. **M.Malathi**, “eResource Higher Education: issues, Developments, Opportunities & Challenges”, Paper: Network Security, Bharathidasan University, 2010.
2. **M.Mounika, M.Malathi**, “Recent innovations in Engineering”, Paper: Improve the security of an online Banking system using Cryptography, Sri Subramanya College of Engineering and Technology, 2016.

### **National Level Paper Presentations**

1. **M.Malathi**, “ Promising Areas of Computer Science &their Applications”,Quantum Cryptography, Muthayammal College of Arts & Science,2010.
2. **M.Malathi**, “ Advanced Trends in Information Technology” , Signcryption, Sengunthar Arts and Science College, 2010.
3. **M.Malathi**, “ Recent Trends in Computer Technologies” , Need of Network Security and Cryptography, Vivekananda College of Arts and Science for Women, 2010.
4. **M.Malathi**, “ Emerging Trends in Computer Applications”, Job shop scheduling using Ant colony optimization pheromone Trail updates, Government Arts College (Autonomous) , Salem-7, 2011.
5. **S.Karthik , M.Malathi**, “ Recent Trends in Information Technology” , A unique method to detecting Phishing attacks E-Mail Using Genetic Algorithm, Sengunthar Arts and Science College, 2013.
6. **S.Menaka , M.Malathi**,“Emerging Trends in Electronics and Communicaion Engineering “,Energy consumption in Home Appliances Using Leach, J.K.K Munirajah College of Technology , 2013.
7. **A.Malathi . M.Malathi**, “Simulation and Computing Technologies”, Insider collusion using intrusion detection techniques, Government College of Engineering, 2017.
8. **S.Thilagam , M.Malathi**, “Simulation and Computing Technologies”, A survey on improved energy efficient VM Allocation Algorithms in Cloud Computing, Government College of Engineering, 2017.

16. No. of papers published in journals:

1. **M.Malathi , Dr. G.M.Kadhar Nawaz**, International Journal of Computer Applications ,”Certain Investigations of Security Algorithms and its Vulnerabilities for Wireless Networks” ICICIC 2013 Number-2 Pages12-17.
2. **M.Malathi , Dr. G.M.Kadhar Nawaz** ,European Journal of Scientific Research, “ An improved Model in Dynamic Candidate Keypad for Stroke Based English Input Method For Authentication”, volume 93 Issue 4.

3. **Kishore Raja, M.Malathi**, International Journal for Research in Science, Engineering and Technology Progressive Node deployment And Hyper –cluster Formation for information Processing in wireless Sensor Network”, Volume-2, Issue – 3, May 2015, Pages 12-20.

4. **Kishore Raja, M.Malathi**, International Journal of Research in Computer Applications and Robotics,” An efficient Cluster Based Algorithm for Information Processing in Wireless Sensor Networks” Volume – 3, Issue – 7, July 2015.

5.**M.Sri vidhya,M.Malathi**, International Journal Of Recent and Innovation Trends in Computing and Communication, “Performance Measure of Scanned Tamil Land Documents using Neural Network Approach” Volume-2, Issue – 3, May 2015.

6. **M.Sri vidhya,M.Malathi**, International Journal of Social Sciences, “Lung Cancer Detection using Circular Hough Transform Technique”, Volume-3, Issue – 2, May 2016.

7. **A. Malathi, M.Malathi**, International Journal Of Innovative Research in Computer And Communication Engineering, “Privacy Preserving for Data Perturbation Using Cryptography Technique “,Volume – 5, Issue – 7, July 2017.

8. **S.Thilagam, M.Malathi**, International Journal Of Innovative Research in Computer And Communication Engineering, “ A Heuristic Based SLA and Energy Efficient for virtual Machine Allocation in Cloud Computing”, Volume – 5, Issue – 6, June 2017.

17. Research Experience (Area Speculation) : 7 Years

(Network Security , Computer Networks , Data Mining)

18. No. of scholars guided/guiding :

Degree	Guided	Guiding
Ph.D.	-	-
M.Phil	12	-
M.Sc.,	50	4

**Research Guidance:**  
**Degree: M.Phil,( Computer Science)**

S. No.	Name of the Scholar	Month&Year	College	University	Pursuing/ Completed/ Awaiting for Viva
1.	B.Harikrishnan	JAN - 2013	Govt.Arts College, Salem - 7	Periyar University	Completed
2.	S.karthik	AUG - 2013	Govt.Arts College, Salem - 7	Periyar University	Completed
3.	S.Menaka	AUG - 2013	Govt.Arts College, Salem - 7	Periyar University	Completed
4.	S.Kumaravel	AUG - 2014	Govt.Arts College, Salem - 7	Periyar University	Completed
5.	A.RihanaBarvin Begum	AUG - 2014	Govt.Arts College, Salem - 7	Periyar University	Completed
6	Sri vidya	AUG - 2015	Govt.Arts College, Salem - 7	Periyar University	Completed
7	Kishore	AUG - 2015	Govt.Arts College, Salem - 7	Periyar University	Completed
8.	Mounika	AUG - 2016	Govt.Arts College, Salem - 7	Periyar University	Completed
9.	Priya	AUG - 2016	Govt.Arts College, Salem - 7	Periyar University	Completed
10.	Thilagam	AUG - 2017	Govt.Arts College, Salem - 7	Periyar University	Completed
11.	A.Malathi	AUG - 2017	Govt.Arts College, Salem - 7	Periyar University	Completed
12.	T.Manjula	AUG - 2018	Govt.Arts College, Salem - 7	Periyar University	Completed

19.. Any research projects funded : NIL

20. Have you availed any faculty improvement programme :

### **Seminars & Workshops**

1. Participated in “UGC Sponsored Workshop on Environmental Studies”, held at Government Arts College, Salem – 7 on 22.01.2009 &23.01.2009.
2. Participated in “UGC Sponsored Workshop on Human Rights”, held at Government Arts College, Salem – 7 on 25.03.2009.

3. Participated in “UGC Sponsored Workshop on General Studies for Competitive Examinations”, held at Government Arts College, Salem – 7 on 31.03.2009.
4. Participated in “AICTE Sponsored Two Day Workshop on software Requirements Engineering”, V.L.B. Janakiammal College of Engineering and Technology, Coimbatore on 10.07.2009 & 11.07.2009.
5. Participated in “National Conference on Computer and Communication”, held at Sri Vasavi College, Erode on 19.09.2009.
6. Participated in National Conference on New Frontiers in Computing – 09”, K.S.R. College of Technology, Tiruchengode on 24.09.2009.
7. Participated in “National level workshop on Research in Computer Science – Issues and challenges”, held at K.S.R. College of Technology, Tiruchengode on 17.04.2010.
8. Participated in “ DIT Sponsored National Seminar on Domain Driven Data Mining ” held at SONA College of Technology, Salem-5 on 17.09.2010 & 18.09.2010.
9. Participated in “ CSIR Sponsored National Seminar on Emerging trends and challenges of pervasive computing in sensor network applications” held at Vivekanandha Institute of information and Management Studies, Tiruchengode on 11.08.2011 & 12.08.2011.
10. Participated in “ International Seminar on Research in computers: Why, What and How? held at Bharathiar University on 10.02.2012.
11. Participated in “ UGC Sponsored state level seminar on Recent Trends in Information Technology”, held at N.K.R. Government Arts College for Women , Namakkal on 24.02.2012.
12. Participated in “ CSIR Sponsored National Seminar on Challenges and Issues in Neural Cryptography” held at Kongu Engineering College, Erode on 05.01.2013.
13. Participated in “UGC Sponsored Workshop on "Technology Driven Teaching Learning Process for Information Era" held at Government Arts College, Salem – 7 on 04.02.2014 & 05.02.2014.
14. Participated in “Data dissemination workshop on "statistical analysis of demographic census data 2011" held at Government Arts College, Salem – 7 on 05.03.2014.
15. Participated in “National Workshop on MATLAB” held at Government Arts College, Salem – 8 on 26.09.2014.

16. Participated in “State Level Seminar on Recent Trends in Computer Technology”, held at Shri Sakthikailassh Women's College, Salem on 18.09.2015.
17. Participated in “UGC Sponsored Workshop on Android towards Mobile Apps”, held at Government Arts College, Salem – 7 on 09.12.2015.
18. Participated in “National Conference on Simulation and Computing Technologies”, held at Government Arts College of Engineering, Salem -11 on 15.02.2017.
19. Participated in “National level Workshop on "Utilizing Internet Resources in Class room Teaching and Learning”, held at Government Arts College, Salem – 7 on 01.02.2018.
20. Participated in “Union Budget 2018-2019 (Symposium)”, held at Government Arts College, Salem – 7 on 05.02.2018.

21. Are you an editorial board member in any reputed journal :- No -

22. Have you served as a Resource person/Chaired a session/Board of studies member/served as an External for Phd/M.Phil/M.A Viva

**Resource Person:**

S.No.	Date	Institution	Topic
1.	04.01.2018	AVS College Of Arts & Science	Problem Identification & Solution in Software (MCA)

**Board of Studies Member:**

S.No.	Name of Service	Institution / University	Duration
1.	Member(BOS)	PG Computer Science Programme, PeriyarUniversity , Salem – 11.	2008 – 2011 & 2012 – 2015 2017 to till date
2.	Member(BOS)	UG & PG Computer Science Programme, Government Arts College, Salem – 11.	June '08 to tilldate



23. Awards/recognition if any: - No -

24. Positions held (Coordinator): NCC/NSS/ Red Cross/ RRC: - No -

25. Conferences/Workshops organized:

S.No.	Event	Year
1	UGC Sponsored National conference on Emerging Trends in Computer Applications	2011
2.	UGC Sponsored workshop on technology driven teaching learning information era	2014

26. Any other attended for the betterment of teaching and research: - No -

27. Any other innovative teaching strategy adopted: - No -

28. Any other information: - No -

Place: Salem - 7

Signature

Date: