

**M.GANDHIMATHI M.C.A.M.PHIL**

- 1. Name:** Mrs.M.GANDHIMATHI
- 2. Department:** Computer Science
- 3. Designation:** Assistant Professor
- 4. Date of Joining:**11.07.2007
- 5. Phone Numbers:**9442184225
- 6. E-mail i.d.:** mgandhimathi1980@gmail.com
- 7. Educational Qualifications:**



<b>Qualification</b>	<b>Title/Course</b>	<b>University</b>	<b>Year</b>
<b>M.Phil.</b>	<b>Computer Science</b>	<b>Vinayaka Mission,salem</b>	<b>Jan 2009</b>
<b>M.C.A</b>	<b>Computer Application</b>	<b>Madurai Kamaraj</b>	<b>2004</b>
<b>B.Sc.</b>	<b>Computer Science</b>	<b>Madurai Kamaraj</b>	<b>2000</b>

- 8. Positions Held / Career Profile:** Assistant Professor
- 9. Teaching Experience:** 12 years.
- 10. Area of Specialization:** Networking,DBMS
- 11. Courses and Subjects Taught:**

<b>Course</b>	<b>Subjects</b>
<b>M.Sc.</b>	<b>Embedded system, Advanced Computer Organization, Open Source Technology, PHP with MySQL, Image Processing, DBMS,ADBMS</b>
<b>B.Sc.</b>	<b>C,C++ ,Data Structure, Digital Design Architecture ,HTML ,Photoshop,Dreamweaver, Android Programming, Data Communication and Network,</b>

## 12. Publications

### a) Journals:

S. No	Title of the Article	International/ National Journal Name with Details	Month & Year of Publication	ISBN/ ISSN number
1.	<b>IMAGE BASED PLANT DISEASE DETECTION USING DEEP LEARNING</b>	National Conference on Emerging Trends in Data Science	29.03.2023	Yet to be published
2.	UGC-approved journal, " <b>SMART IRRIGATION SYSTEM BASED ON SOIL MOISTURE USING IOT</b>	International Conference on Emerging Trends in Science, Technology, and Mathematics (ICETSTM'23	31.01.2023	(ISSN: 2349-5162)
3.	Analysis on Home Automation Using Internet of Things	International Virtual Conference on Scientific and Technological Convergence " <b>ICSTC – 2021</b>	Aug 2021	<b>ISBN:978-81-951315-4-9</b>
4.	Big Data Computing and Analytics Business value in E-commerce.	International conference on Recent Trends in Advanced computing and its applications. IJCSE vol.07,PP104-107 Special Issue 08	Apr 2019	ISSN 2347-2683€ Impact Factor:3.002
5.	Moving Beyond Start-Ups: Challenges & Opportunities for E-commerce Businesses.	International Journal of Research and Analytics Reviews IJRAR Journal no:43602 Approved by:UGC	Sep 2018,	EISSN 2348-1269 Print ISSN 2349-5138 Impact Factor:5.75
7.	Internet of Things Application Ranking Using Architecture and usage	International Journal of Innovative Research in science and Engineering(IJRSE) Volume no:03 Issue 02	Feb 2017	ISSN no: 2454-9665 Impact factor:2.03
8.	A survey on Big Data Analytics in Banking Process	Two days National Conference on New Horizons in Computer Science	Jan 2017	ISBN:978-81-2343-323-3 Proceedings
9.	A survey on Image Enhancement Techniques	UGC sponsored National on Challenges and Opportunities in Modern Electronics In Collaboration with Beta Technologies	Apr 2017	ISBN:978-8-19-200608-7 Proceedings

10	Big data Analytics in E-commerce	UGC sponsored National on Big data Analytics	Feb 2016	Proceedings
11	A Study on Image Enhancement and its Technique's.	National Level conference Advanced Research Technologies in Information Technology	Nov 2014	ISBN:978-93-82570-43-1 Proceedings
12	Edge detection Technique's : Evolution and Comparisons	UGC Sponsored Program Two days National Level Seminar on Research Issues and Challenges in Image Processing	11 <sup>th</sup> and 12 <sup>th</sup> Sep 2014	ISBN:978-93-5196-328-8 Proceedings
13	Stress Management Focus on Indian Information	Inter University Conference on Dynamics of Modern Management in Business – Opportunities and Challenges	Feb 2013	Proceedings Best Paper Award

### b)Books

S.No	Authors	Title of the Book	Year of Publication	ISBN No.	Publisher

### 13. Conference/Symposia/Workshops Attended

S.No	Nature of Training (Academic/ Administration)	Theme	Name of the Institutions	Duration	
				From	To
1.	Workshop	<b>Two Day State Level Workshop on “Mobile App Development Using Flutter</b>	Sathakathullah Appa College, Tirunelveli.	08.02.2023	09.02.2023
		National level online Workshop on <b>“Prototype – Career Readiness for Hackers</b>	Institution’s Innovation Council(IIC),G.Venkataswamy Naidu College	19.08.2021	-
		State Level E-Content Development –PHP	S.S.DuraisamyNadarMarriammalcollege,Kovilpatti	24/02/2020	.
		National Level	Department of Statistic		

		Python	G.V.N. College,kovilpatti		
		State level Exploring the Recent Open Source Web Applications.	V.H.N.S.N College, Virudhunagar	28.02.2019	-
		National Level Mobile Apps Development	M.S University Constituent college, Kadayanallur	25/02/2019	-
		Two days workshop on Network simulator- NS3	MepcoSchlenk Engineering Collge.sivakasi	30/08/2016	31/08/2016
		One day Workshop on Digital Image Processing	Sri Vidya College of Engineering & Technology, Virudhunager	06/06/2012	-
		UGC Sponsored Workshop on Network Simulation	M.S.University Tirunelveli	18/11/2011	-
2.	Refresher Course				
3.	Orientation Course				
4.	Conferences	UGC-approved journal one-day 5th International Conference on Emerging Trends in Science, Technology, and Mathematics (ICETSTM'23)	Parvathy's Arts and Science College, Dindigul	31.01.2023	-
		International Virtual Conference on Scientific and Technological Convergence "ICSTC - 2021	Sri Sarada College For women, Tirunelveli.	17.08.2021	
		International Conference on Recent Trends in Advanced Computing and its applications	Sri Sarada College for Women, Tirunelveli	23/02/2019	-
		International Journal of Innovative Research in science and Engineering(IJIRSE)	Sri.Ramasamy Naidu Memorial College, Sattur	Feb 2017	-
	Conferences	Conference on Innovation in science,	Jayaraj Annapackiam CSI College of	21.10.2022	-

		Engineering and Technology”(NCISET	Engineering, Nazareth, Thoothukudi		
		National Level conference Advanced Research Technologies in Information Technology	Dept of Information Technology GVN College	Nov 2014	
		Inter University Conference on Dynamics of Modern Management in Business – Opportunities and Challenges	Dept of BBA GVN College	Feb 2013	
5.	Symposiums				
6.	Seminars	DBT Star Scheme Sponsored Virtual Seminar on “ <b>Nano Technology</b> ”	Department of Computer Science,G.Venkatasamy Naidu College	12.08.2021	-
		Webinar on “ <b>Innovation and IPR</b> ”	Intellectual Property Rights (IPR) Cell and Institution’s Innovation Council (IIC) of Sree Narayana Guru College, Coimbatore	12.08.2021	
		“ <b>International National Webinar on Impact of COVID ’19 on the Global Economy :Supply Chains and Business continuity</b> ”	Central University of Jorkhand,Ranchi.	14/05/2020	-
		International Webinar on “ <b>SPSS – The Research Oriented Data Analysis Tool</b> ”	CSI JayarajAnnapackiam College,Tirunelveli.	04.12.2021	
		One day Webinar on Transition to Online	The American College,Madurai	30/06/2020	-

	Teaching : Challenges and preparation			
	Virtual session on Artificial Intelligence with Machine Learning in Java in the Oracle Academy Member Hub	Oracle Academy	25/11/2020	
	<b>Two days International Webinar on Promoting Academic Research through web Research through Web Resources</b>	MepcoSchlenk Engineering Collge.sivakasi	29/05/2020	30/05/2020
	National Seminar on Research Issues I computer and communication Networks	MepcoSchlenk Engineering Collge.sivakasi	20/09/2019	21/09/2019
	National seminar on Future Tech : Storming Trends in computing	Sri.Ramasamy Naidu Memorial College, Sattur	06/08/2019	-
	International seminar on Technology and its impact on commerce and Management in the global Era.	Dept of commerce GVN College	27/09/2018	-
	UGC sponsored National seminar on Challenges and Opportunities in Modern Electronics	Dept of Electronics GVN College In Collaboration with Beta Technologies India Pvt Ltd, Coimbatore	17/04/2017	18/04/2017
	State Level Seminar Internet of Things(IOT)	WavooWajeeha Women's College of Arts and science,Kayalapatnam	17/08.2017	-
	UGC Sponsored Staff Competence Building program	English Department GVN College	03/06/2014	04/06/2014
	Two days National Level Seminar on A modern Perception on Detection and Diagnosis of Brain Imaging using Simulation	Einstein College of Engineering, Tirunelveli	21/08/2013	22/08/2013
	NAAC Sponsored National Seminar on	GVN College	07/08/2011	08/08/2011

		Quality Enhancement and Sustenance in the Institutions of Higher education			
7.	FDP	ICIACT Bridge'22(Future of work)	Kanniyakumari	28.03.222.	-
		Seven days FDP on Adaptive Success strategies for NAAC	SNMV College of Arts and Science Institute of Management, Coimbatore	24/11/2020	30/12/2020
		Five day FDP on <b>“RECENT AND ADVANCEMENT S IN COMPUTER SCIENCE</b>	ICT Academy of Tamilnadu and Sri.S.Ramasamy Naidu Memorial College,Sattur.	13.02.2023	17.02.2023
		National Level Faculty Development Program “How to Buy and Sell Shares in Stock Exchanges”	How to Buy and Sell Shares in Stock Exchanges”	15.03.2022	
		Short Term Skill Training Program <b>Python : Beginners Tutorial Entrepreneurship Innovation and Career Hub..</b>	Alagappa University ,Karaikudi	11/05/2020	17/05/2020
		“Importance of Interdisciplinary Research and Developing the Next Generation Teachers for Higher education	Erode arts and Science College (Autonomous) ,e Erode	16/07/2020	
		Online <b>Faculty Development Program on Communication</b>	Mary Matha college of Arts & Science ,Theni.	08/06/2020	
		FDP on AWS Cloud Master Program	ICT Academy of Tamilnadu	25/03/2019	-

			AAA College of Engineering, Sivakasi		
		Two days FDP on Introduction to R Programming	ICT Academy of Tamilnadu	22/08/2019	23/08/2019
		FDP on Effective Teaching Pedagogy and Enabling Positive Values	G.V.N College	24/04/2018	-
		FDP On MOOCs	G.V.N college	10/09/2018	-
		FDP on Personality Development Programme	G.V.N college	08/12/2018	-
		FDP on Living as an Educationalist	G.V.N college	08/12/2018	-
		Two day FDP On Personal and Professional Transformation	G.V.N college	01/12/2016	02/12/2016
		Two days FDP On ASP.Net Programming	ICT Academy of Tamilnadu	02/03/2015	06/03/2015
		Two days FDP on Team Building	ICT ACadmy of Tamilnadu SreeSowdamika college of Engineering,Aruppukottai	31/07/2015	01/08/2015
		Five Days FDP on Cloud Infra structures & services	MepcoSchlenk Engineering Collge.sivakasi	19/05/2014	23/05/2014
		Two days FDP on People Empowering People	ICT Academy of Tamilnadu	24/11/2014	25/11/2014
		FDP on Android : A Next Generation	IEEE Madras section National Engineering college, Kovilpatti	14/11/2014	15/11/2014
		FDP on Professionalism and English Pedagogy	Dept of English GVN College	13/09/2012	-
		Eight Days FDP on .Net Programming	ICT Academy of Tamilnadu A.P.C.MahalakshmiColl ege,Tuticorin	02/07/2011	09/07/2011

#### 14. Conference/Symposia/Workshops Organised

S.No	Name of the Seminar/ Workshop Organised	Funding Agency	Venue & Date
1	National Level Seminar on “Creativity passion lead to Leadership”	-	Online mode(29/06/2020)



2	Students enrichment Program for Computer Hardware and Troubleshooting	DBT Star college Scheme	17/11/2020
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### 15. Ongoing/Completed Research Projects.

S. No.	Title of the Project	Amount Sanctioned In Rs.	Name of the Funding Agency	Date of Sancion	Period of the Project

### 16. Research Supervision.

S.No	Position held	Name of the Institution	M.Phil	Ph.D Degree Awarded	Currently doing

### 17. Other Academic Services (BoS/Question paper setter/Doctoral Committee)

S.No	Nature of Service	Name of the Institution	From	To	Years of Experience
1.	Question Paper Setter	VVV College, Virudhunagar	NOV 2018	APR 2018	6 months
2.	Question Paper Setter	SFR College, Sivakasi PG Programmes	DEC 2018	APR 2019	6 months
3.	Question Paper Setter	SRI KRISHNA COLLEGE, Coimbatore	JULY 2018	DEC 2018	6 months
4.	Question Paper Setter	SRI KRISHNA COLLEGE, Coimbatore	JULY 2017	DEC 2018	6 months
5.	SEMESTER PRACTICAL External Examiner	SRNM College, Sattur	10.04.2019	11.04.2019	2 Days

### 18. Administrative Experience (Club Convener/NSS/1QAC)

S.No	Position held	Name of the Institution	From	To	Years of Experience
1	Career Guidance and Placement Cell - Convener	GVN College	2014	2018	5
2.	PTA Convener	GVN College	2019	Till date	6 months

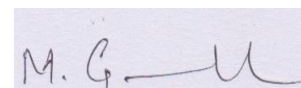
3.	Entrepreneur and ICTACT Member	GVN College	2014	2019	5 years 6 months
4.	NSS, Blood Donor's Club/Health Club & Nature Club Committee - Member	GVN College	2014	2016	2
5.	NSS, Blood Donor's Club/Health Club & Nature Club Committee - Member	GVN College	2007	2010	2

**16. Areas of Interest:**

<b>Academic</b>	<b>Networking, DBMS</b>
<b>Non-Academic</b>	<b>Trained students to TNPSC ,NET Exams</b>

**17. Any Other: (NPTEL etc.,)**

- 1. Member of International Computer Science and Engineering Society.(ICSES)**
- 2. Member of ValluverMandrum**



**Signature of the Faculty**