

BIODATA

1. NAME: : Dr. G. Sujatha
2. QUALIFICATION : M.C.A.,M.Phil.,Ph.D.,
3. DESIGNATION &DEPARTMENT : Associate Professor in Comp.Science
4. AGE & DATE OF BIRTH : 46 Yrs. 14.7.71
5. SEX : Female
6. PERMANENT ADDRESS : -
7. ADDRESS FOR COMMUNICATION : Dr. G.Sujatha,
Associate Professor in Computer Science,
Sri Meenakshi Govt. Arts College for Women(A),
Madurai.
8. EDUCATIONAL QUALIFICATION:

S.No.	COURSES	SUBJECT	YEAR OF COMPLETION	INSTITUTION
1.	Ph.D.	Computer Science	2016	Madurai Kamaraj University
2.	M.Phil.	Computer science	2000	Mother Teresa University
3.	M.C.A.	Computer Applications	1994	Alagappa University
4.	B.Sc.	Physics	1991	APSA College, Thirupathur.
5.	UGC Net	Computer Science	1997	NA
6.	SLET	Computer Science	1997	NA

9. Research Work /Experience	:	Completed Ph.D in Computer Sciecne, Madurai Kamaraj University, on the Topic “An Architectural Design For Effective Information Retrieval in a Semantic Web
10. Recognized Research guide :	yes/no	Applied
11.Area of Specialization :		Information Retrieval, Big Data Analytics, Web Mining, Data Mining, Machine Learning

12. TEACHING EXPERIENCE:

S.NO	DESIGNATION	PLACE	DURATIO N	NO.OF YEARS
1.	Resource Person	M.K.University	1994-1996	2
2.	Lecturer	RVS College of Engn. & Tech.	1996-1998	2
3.	Lecturer Lecturer (SS)	M.V.M.Govt.Arts College, Dindigul.	1998-2003 2003-2004	6
4.	Lecturer (SS) Assistant Professor Associate Professor	Sri Meenakshi Govt. Arts College for Women, Madurai.	2004-till date 25.10.2011	15
Total Teaching Experience				25

13. ORIENTATION/REFRESHER COURSES/OTHER PROGRAMMES & TRAINING:

S.NO	NAME OF THE COURSE	TOPIC	PLACE	PERIOD
1.	Orientation	Educational Technology	Bharathidasan University	25.8.99 – 21.9.99
2.	Refresher	Educational Technology	Bharathidasan University	25.2.03 - 17.3.03
3.	Refresher	Advanced Computing	M.K.University	22.2.09 – 20.3.09
4.	Refresher	Recent Trends in advanced computing	M.K.University	3.12.09 – 23.12.09
5.	QIP	Computer Science	Fatima College	17.1.05-23.5.05
6.	AICTE Sponsored Staff Development Programme (SDP)	Current Trends in Information Retrieval with Research Perspective	PSG College of Technology, Coimbatore.	9.05.2011 to 21.05.2011

7.	NPTEL Online Certification	Introduction to Modern Application Development	IIT, Chennai	Sep to Oct 2016
8.	FDP	Best Practices of IQAC-Towards Better Achievement at NIRF and NAAC	NMS SVN College, Madurai.	19.03.2019
9.	Faculty Development Programme	Python Programming	ICT Academy	26.08.2019 to 30.08.2019

14. INTERNATIONAL PUBLICATIONS IN CONFERENCES :

S.NO	SEMINAR /CONFERENCE	TITLE	PLACE	PERIOD
1.	IEEE International Conference	A Ranking Technique with Semantic Relationships of Keywords for Semantic Search in Web. International Conference of Intelligent Information Technology	Anna University, Chennai.	Dec 11 th -13 th 2014.
2.	International Conference on Innovations in computer science and Technology	A review of Big Data Clustering Information Retrieval in Health Informatics	Alagappa University	Apr 4 th -5 th 2016
3.	International Conference on Challenges and Opportunities on Life Sciences	IoT based intelligent habitat monitoring	Sri Meenakshi Govt. Arts College for Women, Madurai	Apr 5 th -6 th 2016
4.	International Conference KMO'16	Agent based Semantic Internet of Things (IoT) in Smart Health care	Hagen,Germany	July 25-28 2016
5.	International Conference on Big Data Analytics and Intelligent Technologies	Domain Independent Smart Agent Based Semantic Web of Things	Madurai Kamaraj University, Madurai.	March 1,2 – 2018
6.	International Conference on Recent Trends in Engineering Science and Management	Anatomizing the Influence of the Screen States and Radio Signaling in Energy Consumption of Smartphone	Reva University, Bengaluru.	23 rd & 24 th April 2018

7.	IEEE International Conference on Advances in Information Technology	Building a Data Mining Based Software Reliability Estimation Model	Adichunchanagiri Institute of Technology, Chikkamagaluru, Karnataka.	25 - 27, July 2019
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PAPERS PUBLISHED IN INTERNATIONAL JOURNALS :

S.NO	Journal Level	TITLE	PLACE	PERIOD
1.	International Level Journal	A Study on Semantic Search Techniques	International Journal of Computer Science & Emerging Technologies	Feb 2011 Volume 2, Issue 1,
2.	International Journal	An architectural design for effective information retrieval in semantic web.	Expert Systems with Applications Elsevier, 41(18):8225-8233	2014
3.	International Journal	Semantic News Finder : A Semantic Retrieval from News Items.	International Journal of Computer Applications and Information Technology, 6(1):99-107,	June-July 2014
4.	International Journal	Smart Cloud Environment through Semantic Retrieval.	International Journal of Engineering Research And Management (IJERM),	August 2014 1(5):156-160.
5.	International Journal	A review of Big Data Clustering Information Retrieval in Health Informatics	International Journal of Advanced Research Trends in Engineering and Technology (IJARTET)	Vol. 3, Special Issue 20, April 2016
6.	International Journal	Agent based Semantic Internet of Things (IoT) in Smart Health care	ACM	2016
7.	International Journal	A Survey on the Application of Data Mining Techniques for Software Quality Enhancement	International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) .	Vol 4, Issue 2, February 2017
8.	International Journal	Big Data: Big Challenges and Opportunities	IAETSD–JARAS Journal for Advanced Research in Applied Sciences	Vol 5, Issue 3, March 2018

9.	International Journal	Anatomizing the Influence of the Screen States and Radio Signaling in Energy Consumption of Smartphone	International Journal of Advance Research in Science and Engineering IJARSE	Vol. 7, Special Issue 07, April 2018
10.	International Journal	Analysis of Radio Resource Energy Consumption Pattern in Cellular Network	International Journal of Computer Sciences and Engineering E-ISSN: 2347-2693	Vol.-6, Issue-7, July 2018
11.	International Journal	Energy Efficient Developments of Smartphone Environment and Cellular Network –Opportunities and Challenges	International Journal of Computer Sciences and Engineering	Vol.-6, Issue-7, July 2018
12.	International Journal	Study and Analysis of User Interaction Patterns in a Smartphone Environment	International Journal of Innovative Knowledge Concepts (IJKC) ISSN: 2454-2415	Vol 6 No 10 October 2018
13.	International Journal	PS Energy Optimization: A Proposed Model of Adaptive Radio Connection Management	International Journal of Management, Technology And Engineering	Vol 8, Issue XII, December 2018
14.	International Journal	Refining Software Code Quality Metrics Extraction in SVS Model	International Journal of Applied Engineering Research ISSN 0973-4562	Volume 14, Number 20 (2019) pp. 3841-3849
15	International Journal	Software metric selection in svsv model using feature selection methodologies	International journal of research and analytical reviews (IJRAR) E-ISSN 2348-1269, P- ISSN 2349-5138 Impact factor: 5.75	Accepted.

NATIONAL PUBLICATIONS:

S.NO	SEMINAR /CONFERENCE	TITLE	PLACE	PERIOD
1.	National Conference	An Efficient Locking Model for Concurrency Control in OODB	National Engr. College, Kovilpatty	9.2.01-10.2.01
2.	National Seminar	An Efficient Algorithm for Stenography,- A Complex Model of Cryptography	KSR College, Tiruchengodu	6.8.05
3.	National Conference	A Comparative Study on Security Protocols in Wireless Networks	Fatima College	15.2.08
4.	National Conference	An Improved Architecture for Semantic Information Retrieval	Arul Anandar College, Karumathur, Madurai.	10 th and 11 th March, 2011

STATE LEVEL PUBLICATIONS:

S.NO	SEMINAR /CONFERENCE	TITLE	PLACE	PERIOD
1.	State Level Seminar	An Efficient Indexing Technique for OODB	Vivekananda College, Tiruchengodu	23.2.07

16. REVIEWER FOR INTERNATIONAL/NATIONAL.STATE LEVEL CONFERENCES:

S. No	Conference	Title	Place
.	Preview Expert and Reviewer	MOOCs Course on Data Mining Educational Multimedia Research Center	Madurai Kamaraj University May 2019 to July 2019

17. TECHNICAL TALKS DELIVERED:

S. No	Resource Person	Title	Place
1.	Resource Person 2010	Data Mining & Semantic Web	Meenakshi Pioneer College, Poovanthi. 2010
2.	Resource Person 1.2.2016	Graphics & C	VVV College for Women, Virudhunagar
3.	Resource Person 9.2.2017	Information Retrieval	VVV College for Women, Virudhunagar
4.	Resource Person 7.9.2018	Machine Learning and its Applications	VVV College for Women, Virudhunagar
5.	Resource Person 7.12.18	Machine Learning	Nadar Saraswathi College of Arts & Science, Theni.

18. SEMINAR/ SYMPOSIA / WORKSHOP ATTENDED:

SNO	NAME & LEVEL OF THE PROGRAMME	TITLE	PLACE	PERIOD
1.	State Level	Theme Centered Interaction, NSS	M.K.University	12.10.2000
2.	National Conference	Mobile computing & Data Mining	EMG Yadhava Womens College	22.12.05-23.12.05
3.	National Level	Current Trends in Image Processing & Algorithms	The American College, Madurai.	22.4.2006
4.	Technical Seminar	Mobile computing	Dotcom Infoway Madurai.	22.7.06
5.	UGC State Level Seminar	Recent Trends in IT	SVN College Madurai.	25.9.08-26.9.08
6.	National Seminar	Recent Trends in Semantic Web and Web Services	Madurai Kamaraj University, Madurai.	21.08.2009
7.	National Level	HOMI BHABHA Centenary Year	American College	30.11.2009
8.	National Level Seminar	Research Issues in Computer Applications	Sri Meenakshi Govt. Arts College for Women, Madurai	8.01.2011
9.	State Level Workshop	Spatial Data Analysis and Mapping using GIS	Sri Meenakshi Govt. Arts College for Women, Madurai	28.01.2011 & 29.01.2011
10.	National Level Seminar	Recent Trends in Semantic Web & Knowledge Systems	Velammal College of Engineering & Technology, Madurai.	11.03.2011
11.	National Level Workshop	Improving Research Documentation with LaTeX	Madurai Kamaraj University, Madurai.	23.09.2011
12.	National Level Workshop	Research Tools and Techniques in Computer Applications	Sri Meenakshi Govt. Arts College for Women, Madurai	14.02.2013
13.	International Level	International colloquium on research quality publication	Mother Teresa Women's University, Kodaikanal	6 th , 7 th Aug 2014
14.	National Seminar	Recent Developments in Space Technology and Astrophysics	Sri Meenakshi Govt. Arts College for Women, Madurai	5.01.2015
15.	Workshop	Research Methodology in	Madurai Kamaraj University,	16.12.2016

		Computer Science & Information Technology	Madurai.	
16.	Seminar	Enhancement of Quality of Curricula for Chairpersons and Members of UG/PG BOS	Madurai Kamaraj University, Madurai.	20.12.2017
17.	International Level	Machine Learning Algorithms and Implementation Approaches	Madurai Kamaraj University, Madurai.	1 st - 2 nd March 2018
18.	State Level	Research Trends in Machine Learning	Lady Doak College, Madurai.	28.9.2018
19.	International Seminar	Bigdata Analytics	Madurai Kamaraj University, Madurai.	21.2.2019
20.	Workshop	ICT Enablement in Higher Education	MasterSoft ERP Solutions Pvt. Ltd	3.05.2019

19. SEMINAR/ SYMPOSIA / WORKSHOP CONDUCTED:

S No	NAME & LEVEL OF THE PROGRAMME	TITLE	PLACE	PERIOD
1.	National Level IQAC Seminar	Quality in Higher Education	Sri Meenakshi Government College for Women, Madurai	22 nd & 23 rd Feb-2010
2.	Workshop	Internet & MS Office for Govt. School Children	Sri Meenakshi Government College for Women, Madurai	
3.	Workshop	Internet & MS Office for Govt Officials(Asst. Educational officers and Head Masters)	Sri Meenakshi Government College for Women, Madurai	
4.	National Level	National level UGC Sponsored Seminar on " Research issues in Computer Applications"	Sri Meenakshi Government College for Women, Madurai	8 th January 2011
5.	International Conference	Big data Analytics and Intelligent Technologies	Madurai Kamaraj University	March 1 & 2, 2018
6.	Workshop	Advanced Tools in Computer Science	Department of Computer Science, Sri Meenakshi Govt Arts College for Women (A), Madurai.	15.03.2016 to 17.03.2016
7.	Motivational Seminar	Vetri Mugam Malarattum	IQAC, Sri Meenakshi Govt Arts College for Women (A), Madurai.	17.09.2018

8.	State Level Exhibition as IQAC CO-Ordinator	College Connect with Society	IQAC, Sri Meenakshi Govt Arts College for Women (A), Madurai.	4.10.18 & 5.10.18
9.	QIP as IQAC CO-Ordinator	ICT Enabled Training on Teaching and Learning Tools	IQAC, Sri Meenakshi Govt Arts College for Women (A), Madurai.	12.01.19
10.	Awareness Programme as IQAC CO-Ordinator	Udalae Maruthuvar and Unavae Marandhu	IQAC, Sri Meenakshi Govt Arts College for Women (A), Madurai.	22.01.19
11.	Awareness Programme as IQAC CO-Ordinator	Cyber Crime Issues and Cyber Security	IQAC, Sri Meenakshi Govt Arts College for Women (A), Madurai.	23.01.19
12.	Orientation Training as IQAC CO-Ordinator	Unlock Your Potential	IQAC, Sri Meenakshi Govt Arts College for Women (A), Madurai.	2.2.19
13.	Orientation as IQAC CO-Ordinator	Twenty First Century Teachers Trait	IQAC, Sri Meenakshi Govt Arts College for Women (A), Madurai.	2.2.19
14.	National Level Seminar Acted as Organizing Secretary	Artificial Intelligence and the Future of IT in Machine Learning Age	Department of Computer Science, Sri Meenakshi Govt Arts College for Women (A), Madurai.	1.4.19
15.	State Level Seminar Acted as Convenor	Opportunities and Challenges in the Emerging Spaces in the Higher Education	IQAC Sri Meenakshi Govt Arts College for Women (A), Madurai.	4.9.19

20. GUIDANCE FOR M.Phil :

S.NO	NAME OF THE STUDENT	TITLE	UNIVERSITY	YEAR
1.	J.Lourdhu Xavier	Database Monitoring – A Novel approach	Manonmaniam Sundaranar University	2003
2.	P.Kavitha Devi		Bharathidasan Univerisity	2003
3.	M.R.Sudha	S/W Architectural Design of Agent Based Specs	Mother Teresa University	2004
4.	K.P.Ghanesh	An Effiecient Algorithm for Stegnography	Manonmaniam Sundaranar University	2005
5.	T.V.Thivya Sindhu	Data Preprocessing for Efficient Classification	Bharathidasan Univerisity	2007
6.	K.Kavitha	Indexing technique for OODB	M.K.University	2007
7.	R.Baby Muniarathnam	A Survey on Semantic Web Mining	M.K.University	2008

8.	Kathir	Neural Networks	Vinayaka Mission University	2006
9.	Vani		M.K.University	2008
10.	Sudha Mythili		M.K.University	2009

21. OTHER RESPONSIBILITIES HOLD IN SERVICE (CURRENT/ PREVIOUS):

S.NO	NAME OF THE SERVICE/COMMITTEE	PLACE	PERIOD
1.	Admission committee	MVM,SMGC	1998-2004
2.	NSS Programme Officer	MVM,SMGC	2000,2006
3.	UGC X Plan Committee	MVM	2004
4.	Discipline Committee	SMGAC	2004-2009
5.	Curriculum Development Committee	SMGAC	2004-2009
6.	PART IV D Coordinator CBCS	SMGAC	2004-2009
7.	Placement Officer	SMGAC	2006-2009
8.	Library Incharge – PG	SMGAC	2004-2007
9.	UG System Incharge	SMGAC	2007-2009
10.	Board of Studies	SMGAC	2005-2007
11.	CLP Committee	SMGAC	2006-2008
12.	Techblog	SMGAC	2007-2009
13.	Extension Activity	SMGAC	2009-2010
14.	PG System Incharge	SMGAC	2010-2013
15.	UG Library Incharge	SMGAC	2013-2016
16.	NAAC Committee	SMGAC	2014
17.	End Semester Examination Chief Superintendent	SMGAC	April 2015
18.	Valuation Coordinator	SMGAC	Nov 2015
19.	Net Committee Coordinator	SMGAC	2015-2017
20.	IQAC Coordinator	SMGAC	2017-Tilldate
21.	NIRF Nodal Officer	SMGAC	2017-Tilldate

22. OTHER RESPONSIBILITIES HOLD IN OTHER INSTITUTIONS:

S.NO	NAME OF THE SERVICES/COMMITTEE	PLACE	PERIOD
1.	Examination Board	MKU,MTU,Bharathiyar University, Bharathidasan University,Madura College, Fatima College,SVN College, ANJA College,SFR College, The American College, VVV College, Chandrasekara University, Yadhava College,Gandhigram University	1998 – tilldate

2.	Board Of Studies Subject Expert Subject Expert Member University Nominee	Fatima College, Yadhava College, Sourashtra College E.M.G. Yadava Women's College, Madurai. Madurai Kamaraj University Ayya Nadar Janaki Ammal College, Sivakasi.	2017 27.12.2018 2018 to Tilldate 31.7.2018 to 30.7.2020
4.	Interview Panel	Pannikadu Veerammal Paramasivam College	2006
5.	Selection Committee for Assistant Professor	Thiagarajar College, Madurai.	5.06.2019

S N O	ACADEMIC YEAR	CONFERENCE		Attended / Presente d	Journal		Attended / Presente d	Refresher/ Oreientati on	Project	Reso urce perso n
		Nationa l	Internationa l		Nationa l	Internation al				
	2014-15		1	P		3				
	2015-16		2	P		1				
	2016-17		1	P		2				1
	2017-18					2				1
	2018-19		2	P		4				2
	2019-20		1	P		2				