

## BIODATA

1. NAME : G.SUDHA
2. QUALIFICATION : M.Sc., M.Phil., UGC NET
3. DESIGNATION & DEPARTMENT : Assistant Professor,  
Department of Computer Science
4. AGE & DATE OF BIRTH : 41 Years, 25-03-1978
5. SEX : Female
6. PERMANENT ADDRESS : Plot No. 5, 1/570,  
Vishwa shanthi Nagar, North Street,  
Anaiyur (PO), Madurai – 625 017
7. ADDRESS FOR COMMUNICATION : Department of Computer Science,  
Sri Meenakshi Govt. Arts College for Women(A),  
Madurai.
8. EDUCATIONAL QUALIFICATION:

S.NO	COURSES	SUBJECT	YEAR OF COMPLETION	INSTITUTION
1.	B.Sc.	Computer Science	1998	A.K.D.Dharma Raja Women's College, Rajapalayam
2.	M.Sc.	Computer Science	2000	V.V.Vanniaperumal College for Women, Virudhunagar
3.	M.Phil.	Computer Science	2003	Mother Teresa Women's University, Kodaikanal.
4.	UGC NET	Computer Science and Applications	December 2008	UGC

9. Research Work /Experience : Pursuing Ph.D.

10. Recognized Research guide : No

11. Area of Specialization : Neural Networks,  
Data Analytics,  
Visual Analytics,  
Visualizations.

## 12. TEACHING EXPERIENCE:

S.NO	DESIGNATION	PLACE	DURATION	NO.OF YEARS
1.	Lecturer	Madurai Sivakasi Nadar Pioneer Meenakshi College , Poovanthi.	2000-2001	1 Year
2.	Lecturer	D.G.Vaishnav College, Arumbakkam, Chennai.	2003-2006	3 Years
3.	Lecturer	Thiyagarajar College(A), Madurai	2006 – 2007 (Odd semester)	6 Months
3.	Lecturer	Lady Doak College, Madurai.	2006-2007 (Even Semester)	6 Months
4.	Lecturer	Thiyagarajar College(A), Madurai	2007 – 2008	1 Year 6 Months
5.	Lecturer	Madurai Kamaraj University College, Outpost, Madurai.	2008 – 2011	3 Years
6.	Assistant Professor	M.V.Muthiah Govt. College for Women, Dindigul.	2011 – 2012	1 Year 6 Months
7.	Assistant Professor	Sri Meenakshi Govt. Arts College for Women(A), Madurai.	2012 – TillDate	7 Years 4 Months
Total Teaching Experience				18 ears

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

S.NO	NAME OF THE COURSE	TOPIC	PLACE	PERIOD
1.	Orientation Course	<b>Orientation (Intensive Training) Programme</b> organized by Tamilnadu State	University of Madras, Chennai,	04-05-2011 to 02-06-2011 (30 days)

		Council for Higher Education, Chennai and UGC-Academic Staff college.	Tamilnadu.	
2.	Refresher Course	<b>Refresher Course in Computer Science</b> organized by UGC-Academic Staff College	Bharathidasan University, Tiruchirappalli, Tamilnadu	28-02-2015 to 20-03-2015 (21days)

#### 14. INTERNATIONAL PUBLICATIONS:

S. No	CONFERENCE / JOURNAL	TITLE	PLACE	PERIOD
1.	International Journal of Computer Applications, ISBN 978-93- 80747-83-3 ISSN 0975 – 8887, , Vol-9, No.3 Pages 24-28.	A Simple Classification of Binary Document into Vector Image or Scalar Image Using Feed Forward Neural networks with Back Propagation Training.		November 2010
2.	International Journal of Information Sciences and Techniques, Vol-2, No.-2, Pages 11-21.	A Design and Solving LPP Method For Binary Linear Programming Using DNA Approach		March 2012
3.	International Journal of Computing Communications and Data Engineering Series (IADS) SSRN-id3165309 Volume No. 01, Issue No. 03, Jan 11, 2019, Pg. 1 – 6. ELSEVIER 5.01 (IF), Scopus Indexed; Available at SSRN: <a href="https://ssrn.com/abstract=3165309">https://ssrn.com/abstract=3165309</a> or <a href="http://dx.doi.org/10.2139/ssrn.3165309">http://dx.doi.org/10.2139/ssrn.3165309</a>	A Survey on Contribution of Visual Analytics in Health Care Domain,		23 <sup>rd</sup> April 2018
4.	International Journal of Research and Analytical Reviews, International Journal ISSN: 2349 – 5138	Weather Analysis and Prediction: A Survey with Visual Analytic Perspective.		July 2018

	E-ISSN: 2348 – 1269 Cosmos Impact Factor 4.236 ; UGC sited journal. URL. : http://ijrar.com ISSN 2349 - 5138 E - ISSN 2348 – 1269			
5.	1 <sup>st</sup> International Conference on Universal Computing, Communications and Data Engineering, UNICODE 2018	A Survey on Contribution of Visual Analytics in Health Care Domain	Organized by Department of Computer Science, Sri Padmavati Mahila Visvavidyala yam,Tirupati	February 7- 8, 2018
6.	International Conference on Big data Analytics and Intelligence Technologies (ICBAIT-2018)	A survey on Visualization and Visual analytic technique in Weather analysis and forecasting Applications  (ISBN: 978-93-87102-94-1 Pg: 115 – 120)	Jointly Organized by Department of Computer Science, Madurai Kamaraj University and University of Maribor, Slovenia.	March 1-2, 2018.
7.	2 <sup>nd</sup> International Conference on Universal Computing, Communications and Data Engineering, UNICODE 2019	Deriving Insight through Visual Analytics on weather data	Organized by Department of Computer Science, Sri Padmavati Mahila Visvavidyala yam,Tirupati.	February 1- 2, 2019
8.	A Chapter in Springer series "Advances in Intelligent Systems and Computing" and submitted for indexing to ISI Proceedings, EI- Compendex, DBLP, SCOPUS, Google Scholar and Springerlink.	Numerical Weather Analysis using Statistical Modelling as Visual Analytics Technique,		2019 (Accepted)

15. NATIONAL PUBLICATIONS:

S. No	Conference	Title	Place	Period
1.	National level conference on Emerging trends in business strategies and Information Systems	A Simple Classification of Binary Document into Vector Image or Scalar Image Using Feed Forward Neural networks with Back Propagation Training	Thiagarajar School of Management, Madurai	12-02-2010
2.	National level conference on Signal and Image Processing	A Design and Solving LPP Method For Binary Linear Programming Using DNA Approach	Gandhigram Rural Institute- Deemed University, Gandhigram, Dindigul District	9 <sup>th</sup> & 10 <sup>th</sup> Feb'2012
3.	UGC sponsored National Conference on Recent Trends and Research Issues in Computer Science	Secure Message Passing in LAN using RSA Algorithm	Department of Computer Science, Cardamom Planters' Association College, Bodi,	Oct 9-10,2014
4.	UGC sponsored National Conference on Recent Trends and Research Issues in Computer Science	Ensuring text Security using Data Encryption Standard	Department of Computer Science, Cardamom Planters' Association College, Bodi,	Oct 9-10,2014

16. TECHNICAL TALKS DELIVERED:

S. No	Date	Title	Place
1.	25-10-2018 UGC sponsored one-day workshop (Handled second session)	Hands on Training on Data Mining Tools for Social Domain	Organized by Department Of Computer Science VVV College for Women(A), Virudhunagar
2.	09-10-2019 Special lecture on Guest Lecture Session	Oracle	Madurai Sivakasi Nadar's Pioneer Meenakshi Women's College, Poovanthi.

17. SEMINAR/ SYMPOSIA / WORKSHOP ATTENDED:

S NO	NAME & LEVEL OF THE PROGRAMME	TITLE	PLACE	PERIOD
1.	UGC Sponsored One Day Workshop	Research Tools and Techniques in Computer Applications	Organized by Department of Computer Science, Sri Meenakshi	14-02-2013

			Govt. Arts College, Madurai	
2.	State level Seminar	Applied Data Mining Techniques	Organized by Department of Computer Science, Sri Meenakshi Govt. Arts College, Madurai	20-01-2015
3.	Workshop	NPTEL Workshop	Organized by IIT Madras, NPTEL, and Thiagarajar College of Engineering, Madurai.	02-01-2018
4.	Tutorial Session in International Conference	Machine Learning – Algorithms and Implementation Approaches: Tutorial Session	International Conference on Big data Analytics and Intelligence Technologies (ICBAIT-2018) Jointly Organized by Department of Computer Science, Madurai Kamaraj University and University of Maribor, Slovenia.	March 1 & 2, 2018
5.	National level Seminar	Artificial Intelligence and the Future of IT in Machine Learning Age	Organized by Department of Computer Science, Sri Meenakshi Govt. Arts College for Women(A), Madurai.	01-04-2019

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

S.NO	NAME OF THE SERVICE/COMMITTEE	PLACE	PERIOD
1.	EDUSAT committee member (One of the 2 member Team)	Sri Meenakshi Govt. Arts College for Women(A), Madurai	2012 – 2016
2.	Discipline committee member (Department Representative)	Sri Meenakshi Govt. Arts College for Women(A), Madurai	2012 – 2016
3.	AISHE committee member ( One of the 2-member team at college level)	Sri Meenakshi Govt. Arts College for Women(A), Madurai	2013 – tilldate
4.	NIRF Team Member (one of the 4-member team at	Sri Meenakshi Govt. Arts College for Women(A),	2017 – Tilldate

	College Level)	Madurai	
5.	Carrier Guidance Committee Member (Department Representative)	Sri Meenakshi Govt. Arts College for Women(A), Madurai	2017 – Tilldate

19. OTHER RESPONSIBILITIES HOLD IN THE INSTITUTIONS:

NAME OF THE SERVICES/COMMITTEE	PLACE	Academic Year
<ul style="list-style-type: none"> <li>Developed software for “Transfer Certificate Automation System”</li> </ul>	Sri Meenakshi Government Arts College for Women(A), Madurai.	2016-2017
<ul style="list-style-type: none"> <li>Developed Admission Register Automation software.</li> </ul>		2017 – 2018
<ul style="list-style-type: none"> <li>Integration of the Transfer Certificate Automation System with Admission Register Automation Software.</li> </ul>		2017 - 2018
<ul style="list-style-type: none"> <li>Developed the Admission software which ease the application feeding, prepare Over All Rank list, generates the required reports.</li> </ul>		2018 – 2019