

BIODATA

1. NAME: : Dr.P.Punitha Ponmalar
2. QUALIFICATION : M.Sc.,M.Phil.,Ph.D.,
3. DESIGNATION &DEPARTMENT : Associate Professor in Comp.Science
Sri Meenakshi Govt. Arts College for
Women(A), Madurai – 2.
4. AGE & DATE OF BIRTH : 45 Yrs. 17.7.73
5. SEX : Female
6. PERMANENT ADDRESS : 7/454 A , Venkatraman Nagar,
III Cross street, Nagamalai, Madurai-19
7. ADDRESS FOR COMMUNICATION : 7/454 A , Venkatraman Nagar,
III Cross street, Nagamalai, Madurai-19

8. EDUCATIONAL QUALIFICATION:

S.NO	COURSES	SUBJECT	YEAR OF COMPLETION	INSTITUTION
1.	Ph.D.	Computer Science	2016	Ma Ma Madurai Kamaraj University Madurai.
2.	M.Phil.	Computer science	2000	Mother Teresa Univesity, Kodaikanal.
3.	M.Sc.	Computer Science	1996	Alagappa University, Karaikudi.
4.	B.Sc.	Computer Science	1993	AA Govt Arts College Walajapet
5.	SLET	Computer Science	1998	Bharathidasan University, Trichy.

9. Research Work /Experience : • Completed Ph.D in Computer Sciecn, Madurai Kamaraj

University, on the Topic “ **A study on improving Quality of service issues in Wireless Sensor Networks**”

- Guiding M.Phil Scholars and M.Sc students

10. Recognized Research guide : No

11. Area of Specialization : : Sensor Networks, Internet of Things

12. TEACHING EXPERIENCE:

S.NO	DESIGNATION	PLACE	DURATION	NO.OF YEARS
1.	Lecturer in Comp.Sc	Prince Shri Venkateswara Arts and Science College	1996-1998	2
2.	Lecturer in Comp.Sc	SRM Arts And Science College	1998-2000	2
3.	Lecturer in Comp.Sc	Govt Arts College For Women, Sivaganga	2000-2002	2
4.	Asso.Prof in Comp.Sc	Sri Meenakshi Govt College For Women	2002-Till Date	17
Total Teaching Experience				23

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

S.NO	NAME OF THE COURSE	TOPIC	PLACE	PERIOD
1.	Orientation Course	Educational Technology	M.K.University, Madurai.	May 2001
2.	Refresher Course	Web Technology	SRM Deemed University	21.11.05-10.12.05
3.	QIP	Grid Computing	Anna University	3-2-08 – 15-3-08
4.	Refresher Course	Recent Trends in advanced computing	M.K.University, Madurai.	3.12.09-23.12.09
5.	Refresher Course	Recent Trends in computing	M.K.University Madurai.	3.12.11 –23.12.11

6.	FDP	Python Programming	Lady Doak College, Madurai	26.8.19-30.8.19
----	-----	--------------------	----------------------------	-----------------

14. INTERNATIONAL CONFERENCES:

S. No	CONFERENCE	TITLE	PLACE	PERIOD
1.1	International Conference	A Study on Autonomic Data fusion in Wireless Sensor Networks, International Conference on Emerging Trends in Computing	Sri Ramakrishna Engineering College, Coimbatore, pp 36-41. 17 -18	March 2011
2.3	International Conference	Swarm Intelligence based Secured Data Aggregation in Wireless Sensor Networks	Park College of Engineering and Technology, Coimbatore	Dec 2014
3.	International Conference	Energy Efficient Data Aggregation based health care in Wireless Sensor networks	Sethu Institute of Technology, Virudhunagar,	2015
4.	International Conference	Swarm Intelligence based Data Aggregation for Intruder Detection in Wireless Sensor Networks	Springer International Publishing.	2015.
5.	International Conference	Internet Of Things (IOT) Enabled Smart Autonomous Hospital Management System – A Real World Health Care Use Case with the Technology Drivers	IEEE International Conference on Computational Intelligence and Computing Research	2015
6.	International Conference on Innovations in computer science and Technology	A review of Big Data Clustering Information Retrieval in Health Informatics	Alagappa University, Karaikudi.	Apr 6 th -7 th 2016
7.	International Conference on Challenges and Opportunities on Life Sciences	IoT BASED INTELLIGENT HABITAT MONITORING”	Sri Meenakshi Govt. Arts College for Women, Madurai	Apr 6 th -7 th 2016
8.	International Conference	Agent Based Internet of Things IoT in smart Health Care	KMO'16 Proceedings of the 11 th International Knowledge Management in Organizations	

			conference on The changing face of Knowledge Management Impacting Society Fern Universitat in Hagen, Germany	
9.	International conference	Domain independent smart agent based semantic web of things	Madurai Kamaraj University	March 2018
10.	International Conference	Machine Learning – Algorithms and Implementation Approaches: Tutorial Session	Madurai Kamaraj University and University of Maribor, Slovenia.	March 1& 2, 2018
11.	International Seminar	BIG DATA ANALYTICS	Madurai Kamaraj University	21.2.19
12.	Conference	Artificial Intelligence and the Future of IT in Machine Learning Age	Sri Meenakshi Govt. Arts College for Women(A), Madurai.	01 st April 2019
13.	Conference	Aggregation in IOT for prediction of diabetics with machine learning techniques	Vaigai College of Engineering	Dec 19-20, 2019

INTERNATIONAL JOURNAL

S. No	Conference	Title	Place	Period
1. 1	International Journal	A Survey on data aggregation techniques in wireless sensor networks”	International Journal of Research and Reviews in Wireless Sensor Networks (IJRRWSN)	Sept 2011
2. 2	International Journal	A Secured Fault Tolerant Based Data	International Journal of Applied Engineering Research, ISSN 0973-4562	2014

		Aggregation in Wireless Sensor Networks		
3.3	International Journal	Energy Efficient Data Aggregation based Smart Logistics in Wireless Sensor Networks	International journal of Advance Research in Computer Science and management Studies	March 2015
4.	International Journal	Energy Efficient Data Aggregation based health Care in Wireless Sensor Networks	International Journal of Applied Engineering Research	2015
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 . ISSN 2394-3777 (Print) ISSN 2394-3785 (Online)
6.	International Journal	Agent Based Internet of Things IoT in smart Health Care	ACM Article No.41	2016.
7.	International journal	BIG DATA: Big challenges and opportunities	IAETSD Journal for advanced research in applied sciences ISSN No 2394-8442	March 2018

NATIONAL PUBLICATIONS:

S. No	Conference	Title	Place	Period
1.	National Level Seminar	Mobile Agents	KSR College, Thiruchengode	6.8..05
2.	National Level Seminar	Mobile Computing	E.M.G. Yadava College, madurai	22.12.05
3.	National Conference	Comparative Study Of Security Protocols In Wireless Network	Fatima College, Madurai	15.2.08
4.	National Level	Research Tools and Techniques in	UGC Sponsored One Day Workshop – Organized by	14-02-2013

		Computer Applications	Department of Computer Science, Sri Meenakshi Govt. Arts College, Madurai	
--	--	-----------------------	---	--

STATE LEVEL PUBLICATIONS:

S. No	Conference	Title	Place	Period
1.	Seminar	Recent Trends In Comp.Sc	MK.University	27.1.06
2.	Seminar	Computer Hardware And Networking	M.T.N.C College Pasumalai	6.2.06
3.	State Level Seminar	Mobile Computing	Lady Doak College Madurai	31.8.07
4.	UGC State Level Seminar	Recent Trends In IT	SVN College, Madurai.	25.9.08-26.9.08
5.	Training	J2EE Practices	Mk.University Madurai	28.8.09
6.	State Level Workshop	Recent Trends in Machine Learning	Lady Doak College, Madurai	28.9.18
7.	State Level	Applied Data Mining Techniques	Sri Meenakshi Govt. Arts College, Madurai	20.1.15
8.	Seminar	Best Practices of IQAC – Towards Better Achievements at NIRF and NAAC	SVN College	19.3.19

16. CHAIR PERSON FOR INTERNATIONAL/NATIONAL.STATE LEVEL CONFERENCES:

S. No	Conference	Title	Place
1,	International Conference	Chaired the paper presentation technical 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.
--	--	--	--

17. Books Published

S.No	Title	PUBLISHER NAME	ISBN/ YEAR
1.	Book chapter	Block Chain Based Security And Privacy In Smart City IoT: Distributed Transaction Book Title: Handbook of Research on implementation and deployment of IOT projects in smart cities	IGI-global -2019 DOI: 10.4018/978-1-5225-9199-3.ch009

18. TECHNICAL TALKS DELIVERED:

S. No	Resource Person	Title	Place
1.	Technical Talk	Internet of Things	Sivakasi meenakshi pioneer college, Poovanthi
2.	Technical Talk	Internet of Things	Fatima college

19. SEMINAR/ SYMPOSIA / WORKSHOP ATTENDED:

S NO	NAME & LEVEL OF THE PROGRAMME	TITLE	PLACE	PERIOD
1.	Workshop	Internet & MS Office for Govt. School Children	Sri Meenakshi Government College for Women, Madurai	2007
2.	Workshop	Internet & MS Office for Govt Officials(Asst. Educational officers and Head Masters)	Sri Meenakshi Government College for Women, Madurai	2008
3.	National Level	National level UGC Sponsored Seminar on " Research issues in Computer Applications"	Sri Meenakshi Government College for Women, Madurai	8 th January 2011
4.	State Level	Spatial Data	Sri	Jan 28,

	Workshop	Analysis and Mapping using GIS	Meenakshi Govt. Arts College for Women, Madurai	29 2011
5.	National Level Workshop	Research Tools and Techniques in Computer Applications	Sri Meenakshi Govt. Arts College for Women, Madurai	14.2.13
6.	International Level	International colloquium on research quality publication	Mother Teresa Women's University, Kodaikanal	Aug 6 ,7 2014
7.	Workshop	Internet & MS Office for Ponmudiar School Students	Sri Meenakshi Government College for Women, Madurai	2014
8.	National Seminar	Recent Developments in Space Technology and Astrophysics	Sri Meenakshi Govt. Arts College for Women, Madurai	5.1.15
9.	Workshop	C, Weka, Matlab	Sri Meenakshi Government College for Women, Madurai	Mar 2016
10.	Workshop	Research Methodology in Computer Science & Information Technology	Madurai Kamaraj University, Madurai.	Dec 16. 2016
11.	Workshop	ICT enablement in Higher Education for improving and	MASTER SOFT ERP	3.5.2019

		streamlining process	solutions	
12	National level seminar	Recent advances in chemistry	SMGAC	22.1.20
13	National workshop	Gandhian Philosophy and its relevance today	SMGAC	23.1.20

20. SEMINAR/ SYMPOSIA / WORKSHOP CONDUCTED:

S NO	NAME & LEVEL OF THE PROGRAMME	TITLE	PLACE	PERIOD
1.	Motivational Seminar As IQAC organizing member	Vetri Mugam Malarattum	IQAC, Sri Meenakshi Govt Arts College for Women (A), Madurai.	17.09.2018
2.	State Level Exhibition as IQAC organizing member	College Connect with Society	IQAC, Sri Meenakshi Govt Arts College for Women (A), Madurai.	4.10.18 & 5.10.18
3.	Awareness Programme As IQAC organizing member	Udalaie Maruthuvar and Unavae Marandhu	IQAC, Sri Meenakshi Govt Arts College for Women (A), Madurai.	22.01.19
4.	QIP as IQAC organizing member	ICT Enabled Training on Teaching and Learning Tools	IQAC, Sri Meenakshi Govt Arts College for Women (A), Madurai.	12.01.19
5.	Orientation as IQAC organizing member	Twenty First Century Teachers Trait	IQAC, Sri Meenakshi Govt Arts College for Women (A), Madurai	2.2.19
6.	Orientation Training as IQAC organizing member	Unlock Your Potential	IQAC, Sri Meenakshi Govt Arts College for Women (A), Madurai	2.2.19

7.	State Level Seminar Acted as organizing member	Opportunities and Challenges in the Emerging Spaces in the Higher Education	IQAC Sri Meenakshi Govt Arts College for Women (A), Madurai	4.9.19
8.	Intercollegiate level workshop as Coordinator	Enrich your creativity using Multimedia	Sri Meenakshi Government College for Women, Madurai	3.9.19 &4.9.19
9.	National level seminar	Digital enhancement in e-content and e-learning	Sri Meenakshi Government College for Women, Madurai	5.3.2020
10.	National level workshop	E-content	Sri Meenakshi Government College for Women, Madurai	5.3.2020

21. GUIDANCE FOR M.Phil :

S.NO	NAME OF THE STUDENT	M.Phil	UNIVERSITY	YEAR
1.	M.Sharmila Banu	Grid Monitoring	Algappa University	July 2007
2.	N.Veeramani	Study On Security Protocols	M.K. Univeristy	Dec 2007
3.	J.Jeyanthi malar	Spatial K-Means Clustering Algortithm	M.K. Univeristy	2008
4.	J.Rathinaganapathy	Study on content based image retrieval system	M.K.University	2007
5.	K.Suganthi	Integrated Multimedia mining using multirelational assoc iation	M.K. Univeristy	2007

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

S.NO	NAME OF THE SERVICE/COMMITTEE	PLACE	PERIOD
1.	MCA Lab Incharge	SMGC	2005

2.	Electronics Lab Incharge	SMGC	2002-2007
3.	Ncc Caretaker	SMGC	2006-2007
4.	UG Library Incharge	SMGAC	2008-
5.	Discipline Committee Member	SMGAC	2008-Till Date
11.	Member In Digital Library	SMGAC	2010
12.	Member In Net Committee	SMGAC	2010
13.	CLP Committee	SMGC	2014-2017
14.	Techblog	SMGC	2007-2009
15.	Extension Activity	SMGC	2009-2010
16.	Digital Library Committee	SMGAC	2010
17.	PG Lab System Incharge UG Lab System Incharge	SMGAC	2010-2013 2012-till date
18.	NAAC Committee	SMGAC	2014
19.	Admission Committee Co-ordinator	SMGAC	2017-18
20.	Admission co-ordinator	SMGAC	2018-19
21.	Website designing incharge	SMGAC	2018-till date

26. 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, The American College, VVV College, Chandrasekara University, Yadhava College	1998 – tilldate
2.	Board Of Studies	Fatima College, VVV college	2015
3.	Resource Person for SLET/ NET Coaching Class	Maya Academy, Madurai.	2011-2012
4.	Presiding Officer	Election Commission	2007
5.	Resource person	Meenakshi Pioneer college	2018

27. AWARDS/MEDALS RECEIVED: Best Paper Award

SNO	ACADEMIC YEAR	CONFERENCE		Attended/ Presented	Journal		Attend ed/ Present ed	Refresher/ Oreintation	Pro ject	Reso urce perso n
		National	International		National	Interna tional				
1.	2001	-	-	-	-	-	-	Orientation Course	-	-
2.	2005	-		-	2	-	P	Refresher course	-	-
3.	2006	-	-	-	1	-	A	QIP	-	-
4.	2008	-	-	-	1	-	P	-	-	-
4.	2009	-	-	-	-	-	-	R efresher course		-
5.	2011	1	1	P	1	-	P	Refresher course		-
6.	2013	-	-	-	1	-	A	Refresher course		-
7.	2014	1	1	P	-	-	-	-	-	-
8.	2015	3	2	P	-	-	-	-	-	-
9.	2016	3	2	P	-	-	-	-	-	-
10.	2018	2	1	P	-	-	-	-	-	1
11.	2019	3	-	A	-	-	-	FDP	-	1
12.	2020	3	1	P	-	1	P	-	-	1