BIODATA

1. NAME: : Dr.A.PREMA

2. QUALIFICATION   : M.S[IT & M].,M.C.A.,M.Phil.,Ph.D

3. DESIGNATION &DEPARTMENT   : Assistant Professor
                                                            Computer Science

4. AGE & DATE OF BIRTH   : 42 & 10.05.1977

5. SEX   :Female

6. PERMANENT ADDRESS   : 1/483, ANBU NAGAR,
                                                            KATHAKINARU POST,
                                                            MADURAI-625107

7. ADDRESS FOR COMMUNICATION   : 1/483, ANBU NAGAR,
                                                            KATHAKINARU POST,
                                                            MADURAI-625107

EDUCATIONAL QUALIFICATION:

S.NO	COURSES	SUBJECT	YEAR OF COMPLETION	INSTITUION
1.	B.Sc.	Chemistry	1997	Madurai Kamaraj University
2.	MS[IT&M]	Information Technology & Management	2000	Madurai Kamaraj University
3.	M.Phil	Computer Science	2006	Madurai Kamaraj University
4.	MCA	Computer Application	2012	Alagappa University
5.	P.h.D	Computer Science	2016	Bharathiar University

8. Research Work /Experience **:** 3 Years

9. Recognized Research guide : yes/n Yes

10. Area of Specialization : Big Data Analytics And Data Mining

11. TEACHING EXPERIENCE:

S.NO	DESIGNATION	PLACE	DURATION	NO.OF YEARS
1.	Lecturer	Madurai Kamaraj University College,Madurai	05.02.2001 TO 25.12.2007	7 Years 10 Months
2.	Assistant Professor	Government Arts College for women, Ramnad	26.12.2007 TO 12.02.2008	1.5. Months
3.	Assistant Professor	MVM Government Arts College for Women,Dindigul.	13.02.2008 TO 15.07.2010	2 Years 5 Months
4.	Assistant Professor	Raja DoraiSingam Government Arts College, Sivaganga	16.07.2010 TO 12.09.2018	8 Years 2 Months
5.	Assistant Professor	Sri Meenakshi Govt Arts College,Madurai(on Deputation)	12.09.2018 TO Till Date	1 Year
Total Teaching Experience				19 Years 6 Months

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

S.NO	NAME OF THE COURSE	TOPIC	PLACE	PERIOD
1.	Orientation	Intensive Training	Madras University, Chennai	26.12. 2007 to 24.01. 2008
2.	Refresher	Fundamentals of Advanced Computing Technologies	Madurai Kamaraj University, Madurai	07.09.2011 to 27.09.2011.
3.	Refresher	Recenct Trends in Environmental Studies	Madurai Kamaraj University, Madurai	11.03.2016 to 31.03.2016

13. NATIONAL/INTERNATIONAL PUBLICATIONS:- **CONFERENCE**

Sl. No.	Seminar and Conferences	Title	Date
1.	**National Conference** on Information Management(NCIM), at Thiagarajar College of Engineering,Madurai-15	"Searching Techniques over Clustered Data",	28th Dec 2007
2.	First **International conference** on Data Engineering and Management (ICDEM), at Bishop Heber College,Tiruchirappalli	"Cart algorithm for Text Mining"	9th Feb2008
3.	UGC Sponsored **National Conference** on Emerging Trends in Computational Science and its applications(ETCSA-2010), at V.S.S. Government Arts College, Pullankurichi, Sivaganga.	"Fuzzy and Rough set approach for CRM in Data Mining"	20th Mar 2010
4.	UGC Sponsored **National Level Seminar** on Research issues in Computer Applications at Sri Meenakshi Government College for women(A),Madurai-2	Participated	8th Jan 2011
5.	UGC Sponsored **National Conference** on Emerging Computing paradigms, at MVM Government Arts College for Women, Dindigul	"An intelligent Data Mart"	25th Feb 2011
6.	UGC Sponsored **National Conference** on Emerging Computing paradigms, at MVM Government Arts College for Women,Dindigul	"Fuzzy measures on clustering for CRM in Data Mining",	25th Feb 2011
7.	UGC Sponsored **National Level Workshop** on Research Tools and Techniques in Computer Applications at Sri Meenakshi Government Arts College for women(A),Madurai-2	Participated	14th Feb 2013

8.	IEEE **International conference** on Pattern Recognition, Informatics and Mobile Engineering(PRIME2013), at Periyar University,Salem-636011.	"Novel approach in ETL",	21-22 Feb. 2013
9.	**National Conference** on Information and Network Management(NCINM'13), at Thiagarajar College of Engineering,Madurai-15	"A design of ETL engine to condense the complexity of metadata structure in DataMart",	4-5th April 2013
10.	National Seminar on Imminent trends in advanced computing and Technology at Senthamarai College of Arts & Science,Madurai-625021	Participated	13th Apr 2013
11.	World Congress on Computing and Communication Technologies(WCCCT), at St.Joseph College, Trichy	"A comparative analysis of decision making methodologies in sales Data Mart",	27th Feb- 1st Mar 2014
12.	UGC Sponsored National Workshop on "MATLAB" at M.V.Muthiah Government Arts College for Women,Dindigul	Participated	25th Feb 2016
13.	International Workshop on Emerging Trends in Data Mining at Idhaya College for Women ,Sarugani,Sivaganga	Participated	8th and 9th Sep 2016
14.	National Conference on New Horizons in Computer Science at J.J.College of Arts and Science,Pudukkottai	Participated	27th and 28th Jan 2017
15.	National Conference on Novel Trends in Computer Science at Government Arts College for women, Ramanathapuram.	"An approach to extract the data using Hadoop ETL in Disaster Event"	4th Mar 2017
16.	National Conference on Novel Trends in Computer Science at Government Arts College for women, Ramanathapuram	"AIDS detection System Using BigData Analysis"	4th Mar 2017
17.	National Conference on Novel Trends in Computer Science at Government Arts College for women, Ramanathapuram	"E-Health Security and Privacy in Healthcare system using Hadoop Map Reduce"	4th Mar 2017
18.	National Conference on Cyber Security at Alagappa University,Karaikudi.	Participated	25th Jan 2018
19.	National seminar on Emerging Trends in Computing Technologies at Madurai Sivakasi Nadars Pioneer Meenakshi Women's College, Madurai	A study on Bigdata in Crisis Administration	16th Feb 2018
20.	State level Faculty Development Workshop on "research Trends in Machine Learning" at Lady Doak College,Madurai	Participated	28th Sep 2018
20.	National Seminar on Artificial Intelligence and	Participated	1st Apr 2019

	the Future of IT in Machine Learning Age at Sri Meenakshi Government Arts College for Women(A),Madurai		
21.	State level seminar on Opportunities and Challenges in the Emerging spaces of Higher Education at Sri Meenakshi Government Arts College for Women(A),Madurai	Participated	4th Sep 2019

14. **JOURNAL PUBLICATIONS**:

Sno.	Title of the Paper	Published by	Date
1	An Approach to Construct the Fuzzy Data Mart using Soft Computing	International Journal of Computer Applications(IJCA)	November 2012,Vol 58– No.20,
2	Novel Approach in ETL	IEEE Explore Digital Library	Feb 2013
3	An Improved Enhancement of Decision- making Analysis to increase Feb 2013the sales promotion using Hyper ETL in Data Mart	International Journal of Computational Intelligence and Informatics(IJCII)	Vol 2.No 4, Mar 2013
4	An enhanced approach of Hyper ETL to make Efficient Decision Making in Data Mart using Decision Analysis Criteria	International Journal of Application or Innovation in Engineering & Management (IJAIEM)	Volume2, Issue7, July 2013
5	A Comparative analysis of ETL and Hyper ETL	International Journal of Emerging Trends and Technology in Computer Science (IJETTCS)	Vol 2, Issue 6, Nov-Dec 2013
6	An Approach of Quantitative Analysis for Optimizing the Movements of Sales Items Using Markov Decision Model.	European Journal of Scientific Research	Vol.119,No1,Feb2014, pp 77-84
7	A comparative analysis of decision making methodologies in sales Data Mart.	IEEE Explore Digital Library	Feb-Mar 2014
8	Formulate Competent Decision Making in Data Mart using Fuzzy optimization technique	International Journal of Computer Science and Information Technologies (IJCSIT)	Vol 5(3), May 2014, 3196-3202
9	An approach to Formulate Intelligent Data Repository	International Journal of Computer Science Trends and Technology (IJCST) –	Volume 2 Issue 3, May-Jun 2014
10	Survey on Intelligent Data Repository Using Soft	International Journal of Computer Science Trends and	Volume 3 Issue 5, Sep-Oct 2015

		Computing	Technology (IJCST) –	
11	Competent Fuzzy Decision Making Algorithm using Hyper ETL in Data Mart	International Journal of Engineering and Technology (IJET)	ISSN (Print) : 2319-8613Vol 9 No 2 Apr-May 2017 1452-1461
12	An Approach To Provide Security And Privacy In E-Health Care System Using Hadoop MRr	International Journal Of Development Research(Ijdr)	Issn: 2230-9926 Vol. 07, Issue, 07, Pp.14204-14207, July, 2017
13	Review On E-Health Care Using Big Data & Hadoop Map Reduce	International Journal Of Computer & Organization Trends (IJCOT)	Volume 43 Number 1- June 2017- ISSN: 2249-2593
14	E-Health for Security and Privacy in Health Care System Using Hadoop Map Reduce	International Journal of Advanced Networking & Applications (IJANA)	Volume: 08, Issue: 05 Pages: 101-104 (2017) Special Issue
15	AN IMPROVED LEARNING BASED DISASTER EVENT USING BIG DATA ANALYTICS	International Journal of Recent Scientific Research (IJRSR)	Vol. 8, Issue, 6, pp. xxxxx, June, 2017- ISSN: 0976-3031
16	An Approach to Extract the Data using Hadoop ETL in Disaster Event	International Journal of Advanced Networking & Applications (IJANA)	Volume: 08, Issue: 05 Pages: 96-100 (2017) Special Issue
17	BIG DATA ANALYTICS USING HADOOP SOLUTION FOR HIV	International Journal of Current Advanced Research(IJCAR) ISSN: O: 2319-6475,	Volume 6; Issue 6; June 2017; ISSN: P: 2319 – 6505, Impact Factor: SJIF: 5.995
18	Big Data Analysis for Aids Disease Detection System using Clustering Technique	International Journal of Computer Trends and Technology (IJCTT)	Volume 48 Number 2 June *2017* ISSN: 2231-2803
19	Aids Detection System Using Big Data Analytics	International Journal of Advanced Networking & Applications (IJANA)	Volume: 08, Issue: 05 Pages: 105-109 (2017) Special Issue
20	A study on BigData in Crisis Administration	Shantax International Journal of Arts, Science and Humanities	UGC Approved journal number:43960, Volume 5, special issue 2,Feb 2018,ISSN- 2321-788x.
21	BigData with Internet of things(IOT): A Review	Shantax International Journal of Arts, Science and Humanities	UGC Approved journal number:43960, Volume 5, special issue 2,Feb 2018,ISSN- 2321-788x.

22	Tools and Technologies used in BigData and Hadoop: A Review	Shantax International Journal of Arts, Science and Humanities	UGC Approved journal number:43960, Volume 5, special issue 2,Feb 2018,ISSN- 2321-788x.
23	A Review on BigData Recommentation system	Shantax International Journal of Arts, Science and Humanities	UGC Approved journal number:43960, Volume 5, special issue 2,Feb 2018,ISSN- 2321-788x.
24	Android App for Website	Shantax International Journal of Arts, Science and Humanities	UGC Approved journal number:43960, Volume 5, special issue 2,Feb 2018,ISSN- 2321-788x.
25	Scrutinize of Massive Data and IOT	Shantax International Journal of Arts, Science and Humanities	UGC Approved journal number:43960, Volume 5, special issue 2,Feb 2018,ISSN- 2321-788x.
26	An Effective approach of content based recommendation method	International journal of creative research thoughts(IJCRT)	Volume 6, Issue 2, ISSN : 2320-2882, April 2018
27	Proficient and Fine –Grained Huge Data Access manage system with privacy preserving Policy	International journal of current trends in Engineering & Technology(IJCTET)	Volume 4,Issue 3,May-june-2018,ISSN : 2395-3152
28	Self adjusting slot patterns for harmonized and assorted using Hadoop clusters	International journal of engineering and science invention(IJESI)	UGC Approved journal number:2573,Volume 7, ISSN: 2319-6734,july 2018
29	Leveraging crowd sourcing for proficient malevolent users revealing in social networks	International journal of computer trends and technology(IJCTT)	Volume 60,issue 2,ISSN : 2231-2803,June 2018.
30	Bespoke travel recommendation system on social media	International journal of computer trends and technology(IJCTT)	Volume 60,issue 1,ISSN : 2231-2803,June 2018.

15. TECHNICAL TALKS DELIVERED:

S. No	Resource Person	Title	Place
1.	Dr.A.PREMA	"Big Data Tools and Techniques"	Department of Computer Science, Madurai Sivakasi Nadars Pioneer Meenakshi Women's College,Poovanthi on 21.02.2018.
2.	Dr.A.PREMA	" Perspectives on Big Data Analytics"	Department of Computer Science,Sri Meenakshi Govt.Arts College for women(A),Madurai on 18.01.2018
3.	Dr.A.PREMA	"Data Modeling and Data Analytics using Hadoop"	Department of Computer Science,Sri Meenakshi Govt.Arts College for women(A),Madurai on 19.01.2018
4.	Dr.A.PREMA	"Big Data Analytics"	Sourashtra College(A), Madurai on 29.01.2018.

16. GUIDANCE FOR M.Phil/Ph.D :

S.NO	NAME OF THE STUDENT	M.Phil /Ph.D	UNIVERSITY	YEAR
1.	S.Packiyam	M.Phil	Alagappa University,Karaikudi	July 2017
2.	B.Prasanna	M.Phil	Alagappa University,Karaikudi	July 2017
3.	M.Saranya	M.Phil	Alagappa University,Karaikudi	July 2017
4.	Elakkiya	M.Phil	Alagappa University,Karaikudi	July 2018
5.	R.Madhumitha	M.Phil	Alagappa University,Karaikudi	July 2018
6.	P.Rohini	M.Phil	Alagappa University,Karaikudi	July 2018
7.	k.Revathy	M.Phil	Alagappa University,Karaikudi	July 2018
8.	M.Saranya	M.Phil	Alagappa University,Karaikudi	July 2018

S N O	ACADEMIC YEAR	CONFERENCE		Attended / Presente	Journal		Refresher/ Oreientati on	Project	Reso urce perso
		National	Internation al		Nationa l	Internation al			

				d					n
1	2014-15	-	-	-	-	1			
2	2015-16	WORK SHOP			-	1	1(RC)		
3	2016-17	3(PRE)	1(ATT)		-	1			
4	2017-18	1(PRE)			-	16			4
5	2018-19	1(ATT)			-	2			