

BIODATA

1. NAME: : Mrs.R.RAJA RAJESWARI
2. QUALIFICATION : M.Sc ., M.Phil.,
3. DESIGNATION &DEPARTMENT : Assistant Professor and HOD
Department of Computer Applications
4. AGE & DATE OF BIRTH : 47yrs, 16/9/71
5. SEX : Female

6.EDUCATIONAL QUALIFICATION:

Exam Passed	Board / University	Subjects	Year	Division / Grade, Merit	Rank @ University Level
High School	S.S.L.C		1986	90% (State Level – 29 th Rank)	
Higher Sec. (or) Pre-Degree	H.S.C.		1988	84%	
Bachelor's Degree (s)	B.Sc., Mathematics Lady Doak College, Madurai		1991	I Class with Distinction * Awarded Certificate of Special Honour	
Master's Degree (s)	M.Sc., Comp.Sci Manonmaniam Sundaranar University, Tirunelveli		April, 1994	I Class	

Research Degree (s) (Diploma / Certificates etc)	M.Phil Computer Science, Mother Teresa Women's University, Kodaikanal		April, 2003	I Class	
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7. Research Experience & Training

Research Stage	Title of Work / Thesis	University Where the work was carried out
M.Phil., or Equivalent	DNA Computing – an analysis	Mother Teresa Women's University, Kodaikanal
Post – Doctoral		

8. Papers Presented

1. "DNA Computing – An analysis", National Conference on Computer Science and Informatics, St. Joseph's College, Trichy, Feb. 2005.
2. "DNA Genetic algorithms", National Conference on Emerging Trends in Algorithms, St. Xavier's College, Palayamkottai, March 2006.
3. "A Study on Nano Logic gates using DNA, National Seminar on Frontiers in Nano material and Bio sensors, Alagappa University, Karaikudi, March 2010.
4. Solving SAT Problem using DNA an overview UGC Sponsored National Conference, Govt. Arts College, Poolankurichi, March 2010.
5. Role of Cloud Computing in Tamil Language Development, Tamil Internet Conference, June 2010.
6. "jkpo; kugpd; milahsk; - Nfhyq;fspd; fzpjt pay; ,ay;Gfs; xU kPs;gjpT" cyf jkpo;r; nrk;nkhop khehL> June 2010.
7. Solving 4 Queens problem using DNA Computing, National Conference on Emerging Computing Paradigms, M.V.M. Govt. Arts College (W), Dindigul, Feb. 2011.
8. NeNeh njhopy;El;gk; xh; mwpKfk;> Tamil Nadu Science Congress, Gandhigram Rural University, Dindigul. June 2011.
9. Convergence of Earthquakes, Atmospheric anomalies and Neuro Fuzzy Models – a close study, Indian Science Congress, Jan. 2012.
10. Atmospheric and thermal anomalies during seismic events in Chennai City, International Conference, Lady Doak College, Madurai, Jan 2012
- 11 fk;g uhkhazj;jpy ;le;jpiz gjpTfs;. fk;gd; fofk;;> 2013

9. Papers Published

1. “Mz;lhs; ghly;fspy; Rw;Wr;#oy; gjpTfs;” National Seminar, M.V.M. Govt. Arts College (W), Dindigul, Feb. 2009.
2. “itztk; fhl;Lk; rkj;Jtk;” National Seminar, Madurai Kamaraj University, Madurai, April 2009.
3. “jkpo; nkhopAk; ,izaKk;” National Conference, tsh;jkpo; kd;wk;> May 2009.
4. “A Study on Nano Logic gates using DNA, National Seminar on Frontiers in Nano material and Bio sensors, Alagappa University, Karaikudi, March 2010.
5. Solving SAT Problem using DNA an overview UGC Sponsored National Conference, Govt. Arts College, Poolankurichi, March 2010.
6. “jfty; njhopy;El;gj; Jiwapy; ngz;fSf;fhd Ntiy tha;g;G xU rpW mwpKfk;”> kfsph; jpd ntspaPL> jpz;Lf;fy;> March 2010.
7. “Gtpapay; gjpTfs; - Mz;lhs; ghly;fspy; xU Njly;” National Conference, tsh;jkpo; kd;wk;> May 2010.
8. Frame Work for design of regional language web content – a Novel approach, www consortium, New Delhi, May 2010.
9. Membrane Computing an Introduction, International Conference on Computer Communication and Intelligence, Vellammal College of Engineering Technology, Madurai, July 2010.
10. jPQ;Rit jpUf;FwSf;Fs; ciwAk; ahJk; CNU> thd; Gfo; fUj;juq;fk;> GJr;Nrhp gy;fiyf;fofk;> November 2010.
11. Combating Natural Calamities - Cloud Computing Solutions for Chennai City. Indian Science Congress, Jan. 2011.
12. f;sTl; fzpdpapay; - xU Kd; fzpg;G> National Conference tsh;jkpo; kd;wk;> May -2011.
13. Earthquakes : Precursors and Prediction, Journal of Computer Applications, 2011.
14. fly; nfhs; fhz;lk; tsh; jkpo; kd;wk 2013
15. kfh Mrphpah;> tsh; jkpo; kd;wk;> 2014
16. tpij ney; tpOkpaq;fs;> tsh; jkpo; kd;wk;> 2015
17. ANFIS Algorithm Earthquake prediction in Chennai City, Eduventure, Research Journal of QMC, 2014
18. ngha;ah itia Nghw;WJk;> gd;dhl;Lf; fUj;juq;fk;> = kPdhl;rp muR kfsph; fiyf; fy;Y}hp> kJiu Feb 2016.
19. Optimally Facing the uncertainty :A brief survey on Reinforcement Learning, International Conference, Gandhigram Rural Institute, March 2018

10. TEACHING EXPERIENCE:

Courses / Classes Taught	Name of the Institution	Duration	
		From	To
1. U.G. B.A./ B.Sc., Etc.,	GAC Paramakudi	29.10.98 FN	16.05.2000 AN
(Pass Hons.,) B.Sc / MCA	Queen Mary's College, Che MVM Govt. Arts College (V Dindigul Sri Meenakshi Govt. Arts C for Women (A), Madurai	18.05.2000 FN 13.2.2008 AN 10.08.2012 to till date	31.01.2008 FN 08.08.2012 AN
II. P.G. M.A./ M.Sc., Etd., PGDCA	-	-	-
IV. Any other P.G.D.C.A.	MVM Govt. Arts College (W), Dindigul	13.2.2008	08.08.2012 AN

11. Improvement of Professional Competence

Name of the Seminar / Conference / Symposia workshop etc.	Name of the Sponsoring Agency	Place and Date
Orientation Course	Madurai Kamaraj University, Madurai.	27.02.09 – 26.03.09
Refresher Course in Nano Sciences	University of Madras, Chennai.	11.11.09 to 01.12.09
Refresher Course in Environmental Sciences	Madurai Kamaraj University, Madurai	11.03.16 to 31.03.16
Ref Course in Educational Technology	Madurai Kamaraj University, Madurai	2.11.16 to 22.11.16
Workshop on object oriented Technology	Vivekananda College, Tiruvedagam	08.10.1999
State Level Seminar on Computer Application	M.O.P. Vaishnav College, Chennai.	30, 31.08.2000
Conference on Opportunities in IAS	Chennai	March 2000
Workshop on Bioinformatics	Anna University	13 – 16.12.2001

Workshop on setting global standards in Education	Anna University	02.05.07 – 05.05.07
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12. Research Projects Carried out

Title of the Project	Name of the Funding Agency	Duration	Remarks
A Study of Neuro fuzzy model of Earthquake Prediction in Chennai city	UGC Minor Research Project, SERO Hyderabad Aug 2010-2015	18 months	Co- Investigator