

# RESUME

**D.Gandhimathi**



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## EDUCATIONAL QUALIFICATION

Sl. No.	Degree	Year of Passing	Grade	Institution	Specialization
1.	Phd	Pursuing		Bharathiar University	Spatial Data mining
2	M.Phil	2008	I Class	Bharathiar University	Analytical CRM in Credit Card Loan using K-Means Clustering
3.	MCA	2002	I Class	Madurai Kamaraj University.	On line Computerization of material MANAGEMENT” in ASP .Net
4.	B.Sc.	1999	I Class	Standard Fireworks Rajarathnam college for Women Sivakasi	Data Management

## ADDITIONAL QUALIFICATION

- Web Programming using Java @ SSI Limited
- Advance Java Web Technology @ SSI Limited

## TECHNICAL SKILLS

- Programming Languages : JAVA /J2EE, PL/SQL ,UNIX Shell Scripts, Python,R
- Databases : Oracle ,DB2 ,SQL ,MYSQL, MongoDB
- UI Techs : JQuery , VB Script, JAVA Script
- Messaging and queuing : XML ,JAXB,JMS,JSON
- Methodologies : Waterfall Model, Agile Model
- Others Technologies and tools : Eclipse, Anaconda
- Google Applications : Doc, Sheet, Slide, Classroom

## **OTHER SKILLS**

- Motivation Techniques
- Training as Technical Assistant
- Curriculum Designer
- Course Designer

## **WORKING EXPERIENCE            13 years and 3 Months**

<b>Sl. No.</b>	<b>Designation</b>	<b>Institution</b>	<b>Period</b>
1	Asst.Proff	Thiagarajar College-Madurai	2 Year 2Months
2	Asst.Proff	Sri Krishna Arts & Science College-Coimbatore	10 Years
3.	Asst.Proff	Dr.GRD College of Science-Coimbatore	1 Year
4.	PG.Asst	Alvernia Matriculation Hr, Sec School -Coimbatore	Oct 2002-2005 June

## **RESEARCH ADVISORSHIP**

- **GUIDE FOR M.Phil.                            Bharathiar University.**

**MEMBER    Acting as Question Paper Setter For Other Universities**

## **ORGANIZED**

- (a) **SESSION'S**        :    (i) 20 Technical Seminars for UG & PG Students  
                                      (ii) 10 Technical Workshop for UG & PG Students  
                                      (iii) Arranged Resource for Attitude & Motivation

- (b) **ONLINE EXAM** :    Organized Spoken Tutorial Exam –Various Subjects  
                                      Organized NPTL Exam – Various subjects

## **PAPER PRESENTED**

- **Conference                                    13**

- I.    **“Cryptography Vs Steganography”**, In **International Seminar @ PSGR Krishnamall College for Women** ,on 18<sup>th</sup> Dec 2009

- II. **“Overview of Spatial Data Mining Primitives & Techniques”** ,In State Level Conference @KGISL College of Arts & Science on 26<sup>th</sup> Feb 2010
- III. **“Representation of GIS in Data Mining “**,In National Conference @ DJ. Academy for Managerial Excellence, on 24,25<sup>th</sup> Sept 2010
- IV. **“Object Oriented Data Modelling For Spatial Database”** In National Conference @ Karpagam University ,on 6<sup>th</sup> Sept 2011
- V. **“Strategies of Optimizing Multidimensional Spatial Data Base”** In National Conference @Karpagam University on 20<sup>th</sup> Oct 2012
- VI. **“Cyber Security & Audit with password T-Pro using Encryption & Decryption”** ,In National Conference @MET League of Colleges-Mumbai , on 18,19 Oct 2013
- VII. **“A study on spatial Data Indexing for Neighbourhood Indices using Neighborhood Algorithm “** In International Conference,@Dr,GRD College of Science on 22<sup>nd</sup> Jan2014
- VIII. **“Applications of Spatial Data Mining using GPS Technology “** In International Conference” ,@ NGP Arts & Science College ,On 21<sup>st</sup> Feb 2014
- IX. **“Review Of Data Mining Techniques in Social Network”**,In National Conference on Information and Image Processing,@Sankara college of Science and Commerce,on 27<sup>th</sup> February 2015
- X. **“Cluster Analysis for spatio temporal data to predict nearest neighbourhood points”**, UGC Sponcered NCGARD ,ISBN:978-81-933316-3-7, Feb 2017
- XI. **“ A Study on Multidimensional Model in Spatio Temporal Data in GIS Applications”**,in National conference on Emerging Trends in Big Data Technologies and Research Issues @ NGP Arts & Science College ,On 24<sup>th</sup> Feb 2017,ISBN 978-8-1907-7878-7
- XII. **“K-NN Process in application of GIS technologies using spatial temporal data “**, in International conference on Next Generation Computing technologies ,@ Sankara college of Science and Commerce,on 12<sup>th</sup> October 2017
- XIII. **Prognosticate Business using Prediction Analysis with BI tool, towards Most Recommended product in Social Network using Spatial Data Analysis”** in International Conference on Digital Transformation,@ The American College, Madurai on 05,06<sup>th</sup> March 2020

## **PAPER PUBLISHED**

➤ **Journal** **13**

- I. **“Applications of Spatial Data Mining using GPS Technology “ In International Conference”** In **IJETCAS**, Volume 1, Issue 7, 21<sup>st</sup> Feb 2014 ,PP 53-56, ISSN(Print):2349-48008, ISSN (Online): 2279-0055
- II. **“Efficient Tumor Segmentation in Medical images using artificial Bee Colony Optimization Algorithm & Fuzzy C-Means Clustering”**, In **IJARCSM** , Volume 2, Issue 8, Aug 2014 ,PP 98-101, ISSN(Online): 2321-7782
- III. **“Wearable BIO Sensor “**, In **IJEASR**, Volume 1, Issue 4 Aug 2014, PP-20-29, ISSN(Print): 2349-4808, ISSN(OnLine): 2349-2899
- IV. **“Comparitive Study on Different Brain Tumor Segmentation in MRI Images “** In **IJATES**, Volume 2 , Issue 9 ,Sept 2014 ,PP 95-101, ISSN(Online):2348-7550
- V. **“A Review on Various Nearest Neighborhood Algorithm for Spatial Datamining Applications “** In **IJERT**, Volume 3, Issue 9 Sept 2014, PP 1117-1121, ISSN:2278-0181
- VI. **“A Review on Vehicle –To-Vehicle Communication Protocols For Traffic Safety Using Co-Operative Collision Warning”**, in **IJARCSMS** , Volume 2 Issue 10, October 2014, PP 278-286, ISSN:2321-7782 (Online)
- VII. **“ A Survey of Approaches and Tools used in Educational Data Mining”** in **IJIRCCE** , Volume 3 Issue 10 October 2015, PP 9792-9796, ISSN(online): 2320-9801
- VIII. **“Analysis of EDM in various applications”**, in **IJCRCST** , Aug 2016 ,Vol 2, Issue 8, PP 894-896, ISSN: 2395-5325
- IX. **“Study on Application of Datamining and Security Measures “**, In **IJATES**, Sept-2016, Vol 4, Issue 9, PP 162-168, ISSN: 2348 – 7550
- X. **“K-NN Process in application of GIS technologies using spatial temporal data “**, in **IOSR Journal of Computer Engineering (IOSR-JCE)**, October 2017, e-ISSN: 2278-0661, p-ISSN: 2278-8727 PP 37-42
- XI. **” Prediction of Nth friends using Spatial Data Mining in Social Network”**, Accepted in Special Issue on: **ICASISSET 2018 M-learning Applications for Future Mobile Networks**, September 2018

- XII. ” **Recommendation of product in Social Network using STD** “,IJASRM,Vol.4, Issue 6, ISSN 2455- 6378,pp. 304-310June 2019
- XIII. **SPDM in Social Media for the development of Business**”, in International Journal of Innovative Technology and Exploring Engineering , Volume-9 Issue-5, March 2020,pp. 2088-2091, ISSN: 2278-3075

**FDP :**

- Unleash your potential @ Sri Krishna college of Engineering & Technology on 30/10/15
- 21<sup>st</sup> Century Learners and Skill Set @ Sri Krishna college of Engineering & Technology on 18/02/17

- WORKSHOP :**
- (i) **Oracle 9i** @KGISL on 4<sup>th</sup> Feb 2010
  - (ii) **Optimization Modeling & Simulation in wired Network @Hindusthan Engineering College Coimbatore on 2,3<sup>rd</sup> Feb 2012**
  - (iii) **Cognitive Cloud Computing** ,13 th November 2015 , Organized by Thiagarajar college of Engineering , Madurai.
  - (iv) **Data Analytics and Machine Learning Using R and Python**”, 25-29 November 2019 , at Hindustan Institute of Technology & Science , Chennai

**SEMINARS ATTENDED :**

- (i) InternationalSeminar on **Computational Intelligence** @Bharathiar University on 30<sup>th</sup> Dec 2008.
- (ii) National Seminar on **Emerging Research Challenges in Computer Science** @ Bharathiar University on 29<sup>th</sup> Jan 2014
- (iii) International Seminar on Research Performance Analysis and Strategy & @ Bharathiar University On 18.2.2016

**PERSONAL DETAILS:**

Date of birth : 16-09-1979  
Nationality : INDIAN  
Husband’s name : Mr.G.Jayachandran  
Mother tongue : Tamil