

CURRICULAM VITAE

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Career Objective

Seeking a challenging position as Professor in the Department of Computer Science and Engineering that lets me utilize Teaching skills, Learning ability, knowledge and planning skills and provide an opportunity for professional and personal growth.

Experience Summary

- ✓ Total 15 Years and 6 Months of Professional experience
- ✓ Handled variety of subject

Professional Strengths

- ❖ Good Communication & Analytical skills
- ❖ Ability to maintain a positive attitude in the face of changes in work assignments.
- ❖ Quick Learner, Strong grounding in basic Computer Science fundamentals.

Academic Record

Qualification	University / Board	Year of Passing	Specialization/ Major subjects	% of Marks
Ph.D (CSE)	Annamalai University, Chidambaram	2011	Computer Science & Engineering	-
M.Tech (CSE)	Bharath University, Chennai	2007	Computer Science & Engineering	82
B.Tech (C.S.E)	Jawaharlal Nehru Technological University, Hyderabad , AP.	2004	Computer Science & Engineering	59
D.C.S.E	Mennakshi Ammal Polytechnic, State Board of Technical Education	1992	Computer Science & Engineering	62
10 th	AP Secondary Education Board. S.V. University School, Tirupati	1987	Mathematics, Science, Social Studies	68

Work Experiences

Name of the Institute : **GATES Institute of Technology,**

Designation : **Professor**

Duration : 2016 - 2018

Place : Gooty

Name of the Institute : **SATYAM College of Engineering & Technology**

Designation : **Head & Associate Professor**

Duration : 2011- 2016

Place : Kanyakumari

Name of the Institute : **Sri Muthukumaran Institute of Technology**

Designation : Assistant Professor

Duration : 2005 to 2011

Place : **Chennai**

Memberships

- ❖ **L.M.I.S.T.E** (Member in Indian Society for Technical Education, Delhi)
Life Member Number : LM 28826
- ❖ **IA ENG** (INTERNATIONAL ASSOCIATION OF ENGINEERS)
Membership No : 144431
- ❖ **CSTA**(Computer Science Teachers Association) **Membership No : 5109952**
- ❖ **IACSIT** (International Association of Computer Science & Information Technology)
Membership No: 80351013
- ❖ **SDIWC** (Society of Digital Information & Wireless Communications)
Membership No : 12335
- ❖ **Global Member of Internet Society, Membership No : 146343**
- ❖ **IRED, Member of Institute of Research Engineers & Doctors.**

Additional Qualification

- ❖ Certified Course in Advanced Diploma in Computer Hardware And Networking (ADCHN) in CSC.

Subjects Handled

- ❖ Operating Systems.
- ❖ Advanced Computer Architecture, Computer Organization and Architecture.
- ❖ Computer Networks, Network Design Security and Management, High Performance Networks
- ❖ Database Management Systems, Advanced Databases
- ❖ Data Structures & Algorithms, Design and Analysis of Algorithms.
- ❖ Object Oriented Programming.

- ❖ System Software, Software Engineering.
- ❖ UNIX Shell Programming, COBOL C, C++, C#, Java, Dot Net.

Labs Handled

- ❖ Web Technology LAB
- ❖ Internet Programming LAB
- ❖ Networking LAB
- ❖ Software Development LAB
- ❖ Database Management System LAB
- ❖ Object Oriented Programming LAB
- ❖ DOT NET LAB
- ❖ Java LAB
- ❖ Data Structures LAB
- ❖ Computer Practice LAB 1
- ❖ Computer Practice LAB 2

Awards

- ❖ Best Co-Ordinator.
- ❖ Best Teacher Award.

Funded Projects

1. DISTRIBUTED MOBILE APPLICATIONS FOR MONITORING ENVIRONMENTAL CHANGES AND MEDICAL RISKS

This Project consists of five Phases, Knowledge Phase, Monitoring Phase, Analysis Phase, Planning Phase and Execution Phase. At the Knowledge Phase, the weather stations will collect

information such as dust, pollen, temperature, humidity and pressure available by sensors. Each weather station is running on a FPGA board, located in certain points of interest in a region (already known as GPS coordinates) and it is directly connected to the Internet in order to send the collected information to the web-server, in form of XML formatted messages. The XML will stipulate the date and time the measurements were made and the actual measurement values.

In the Monitoring phase, the web-server will continuously check and receive updated information from the available weather stations. The Analysis phase is responsible for processing and analyzing the XML messages and for inserting the data measurements from the sensors into the database. In the Planning phase, based on the analyzed information received at the previous step, the risk areas are calculated and for each user a check is performed in order to detect if he has recorded GPS position points to a risk area. The Execution phase is responsible to take action and to send notifications for each user detected as being localized near or in the risk areas calculated at the previous steps.

At the same time, the web-server updates the user related information with their current position coordinates. Whenever the server gets a message specifying that the user has changed its current position, it needs to do a series of operations such as compute the health risk in the new area that the user is and also determine the closest pharmacy and hospital in case of an emergency. This will serve as a development of cost effective ICT based remote health monitoring and alert system using Body Area Networks for Rural Area Population

Patent

1. MINING LIFE STYLE DISEASES BY SOCIAL NETWORKS FOR MEDICAL DIAGNOSIS

Treatment recommendation services for life style diseases have increasingly become significant and socially relevant not only for research but also for medical domain with the tremendous growth of World Wide Web. Methods for detecting the patterns for life style diseases for making appropriate treatment recommendation automatically is necessary.

New social media, such as Twitter and doctors and patient social networks , have spawned greatly as human-powered sensing networks for the medical treatment recommendations . More and more users actively publish short messages about their lives at any time and any places. This phenomenon makes it possible to detect a given user's regular treatment recommendation from his published posts in social media.

Research Title: Analytical Study On Improvement Of E Commerce Sales Using Web Mining Technologies In SNS

The accelerated growth of Social Networks in recent years has allowed electronic commerce (e-commerce) solutions to increase even more and become more popular. The well known criteria for these solutions to be successful are the usability, the accessibility and the content relevance of the Websites combined with the information generated within the social networks.

Websites are important channels to make both the clients and providers able to perform their businesses in a more efficient and reliable way. The purpose of this thesis is to perform research about the combination of Web mining technologies with e-commerce solutions in social networks systems, as a potential engine to improve sales.

The different stages of Web mining and its relevance for developing better e-commerce solutions from the social networks perspective. It describes the contributions of the Web mining to the

classification of the data in the Web and how it implements multi-classifier methods. It presents the role of customization in e-commerce solutions in order to address the diversity of the consumers preferences obtained in the social networks systems.

Faculty Development Programmes /Workshops

S.No.	FDP / Workshop	Paper Title	Name of the College	Date
1.	Workshop	High Impact Teaching Skills WIPRO MISSION 10X	Bharath University, Chennai	21-07-2008 to 24-07-2008
2.	Workshop	Creative Teaching Skills	G.K.M. College of Engineering & Technology, Chennai	22-02-2008
3.	International Workshop	Scientific Research Practices	Bharath University, Chennai	02-08-2010 to 04-08-2010
4.	International Workshop	I.P Subnetting	Bharath University, Chennai	22-07-2010
5.	Faculty Development Programme	Faculty Development Programme on Staff	Bharath University, Chennai	14-10-2011
6.	Technical Workshop	Network Security - 2	Bharath University, Chennai	23-01-2012

7.	Staff Development Programme (A.I.C.T.E)	Programming Paradigms	R.M.K. Engg. College Chennai	16-04-2012 to 03-05-2012 (15 Days)
8.	Faculty Development Programme	Cloud Infrastructure and Services	ICT Academy of Tamil Nadu Government of Tamil Nadu (Examination conducted)	8-07-2013 to 12-07-2013

Conferences (International /National)

S.No.	Name of the Conference	Name of the paper	Name of the College	Date
1.	National	A Multi Resolution volume rendering Framework for large scale time varying Data visualization using Neural Network	Bharath University, Chennai	25-03-2009
2.	National	Fast Algorithm to generate Association Rules using encoded Database	Bharath University, Chennai	29-04-2010
3.	National	Web-Based smart house Automation using CAN Protocol	Dr. N.G.P. Institute of Tech, Coimbatore - 48	30-10-2010
4.	National	Carving & Replaying differential unit Test cases from system Test cases	Bharath University, Chennai	29-04-2010
5.	National	Monitoring connectivity in Wireless Sensor Network	Bharath University, Chennai	03-03-2011
6.	National	Inclusion of Flow Management for Automatic & Dynamic route discovery System by ARS	Guru Nanak Institutions, Hyderabad (A.P)	03-02-2012 & 04-02-2012
7.	Inter National (IEEE&CSI)	Time Synchronization & Calibration in wireless Sensor Network	S.A. Engineering College, Chennai - 77	23-02-2011 & 24-02-2011
8.	Inter National	A User concept model for personalized	QIS College of Engineering & Technology,	2- 4-2012

	ICCSP - 2012	Information gathering & Retrieval.	Ongole – 523 272.	to 4- 4-2012
9.	National ACSIT - 13	A 2 Hop Acknowledgment Scheme for the detection of Routing Misbehaviour in MANET's	VELS University, Chennai.	12-04-2013
10.	Inter National ICECC - 2014	Micro Array prediction for Dataset of Cancer Instances	Tagore Engineering College, Chennai	16-3-2014 to 14-3-2014

Publications (Scopus /Non Scopus)

INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN COMPUTER SCIENCE & SOFTWARE ENGINEERING (IJARCSSE) ISSN : 2277 128X:

1. Inclusion of flow management for Automatic & Dynamic route discovery system by ARS, Vol. 2, Issue 12, December – 2012, pp. 1 - 9.
2. Enhancement of Social Network Security by Third party Application, Vol. 3, Issue 3, March – 2013, pp. 230 - 237.
3. Implementation of XShare Sharing of Mobile phone by using System Architecture of Win32, System File API, Vol. 3, Issue 3, March – 2013, pp. 357 - 369.
4. SAT : A Security Architecture in Wireless Mesh Networks, Vol. 3, Issue 4, April – 2013, pp. 325 - 331.
5. Efficient Colour Image watermarking using factor Entrenching method, Vol. 4, Issue 3, pp. 529 – 538, March 2014.
6. Anonymizing Geographic Routing for preserving location privacy using unlinkability and unobservability, Vol. 4, Issue 3, pp. 523-528, March 2014.

(SCOPUS) MIDDLE-EAST JOURNAL OF SCIENTIFIC RESEARCH (MEJSR) ISSN : 1990 –

9233, IDOSI PUBLICATION.

7. Comparison of CDMA and GSM Mobile Technology, 13 (12), pp: 1590 – 1594, 2013

INTERNATIONAL JOURNAL OF ADVANCED AND INNOVATIVE RESEARCH (IJAIR)
ISSN : 2278 – 7844

8. Using the Conceptual cohesion of classes for fault Prediction in Object – Oriented Systems, Vol. 2, Issue 4, April – 2013, pp. 75 – 80.
9. Design based Object oriented Metrics to measure Coupling and Cohesion, Vol . 2, Issue 5, 2013, pp. 778 – 785.
10. Routing Misbehaviour Detection in MANETs using an ACK based Scheme, Vol. 2, Issue 5, 2013, pp. 261-268.
11. Improved On-Demand Multicast Routing Protocol for Mobile Network to achieve better performance, Vol. 2, Issue 5, 2013, pp. 1 – 7.
12. Effective Detection and Security of source code Theft based on software Birthmark, Vol. 3, Issue 3, March 2014.
13. Surety and Security of Transaction using upgrading Web system, Volume 3, Issue 4, April 2014.

INDIAN JOURNAL OF APPLIED RESEARCH (IJAR) ISSN : 2249 - 555X

14. Secret – Key Generation of Mosaic Image, Volume 3, Issue 6, June – 2013, pp. 164 – 166.

INTERNATIONAL JOURNAL OF SCIENTIFIC & ENGINEERING RESEARCH (IJSER) ISSN : 2229

15. Email spam Zombies scrutinizer in email sending network Infrastructures, Vol. 4, Issue 4, April – 2013, pp. 366 – 373.

INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND MANAGEMENT RESEARCH (IJCSMR)

ISSN : 2278 - 733X

16. A Reputation based Scheme for Routing Misbehaviour Detection in MANETs , Vol. 2, Issue 6, June - 2013, pp. 2701 – 2708.

INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN COMPUTER SCIENCE ENGINEERING & INFORMATION TECHNOLOGY (IJARCSEIFT)

17. Electronic Mail spam zombies purify in E-mail connection, Vol. 1, Issue 3, June – 2013.

INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN COMPUTER & COMMUNICATION ENGINEERING (IJIRCCE) ISSN (ONLINE) : 2320 - 9798

18. Automatic Detection & control of Malware spread in decentralized peer to peer Network, Volume 1, Issue 7, September 2013.

19. Planning in FARS by Dynamic multipath Reconfiguration system failure recovery in Wireless Mesh Network, Volume 2, Issue 8, August 2014.

20. Autonomous System (AS) for Mesh Network by using packet transmission & failure detection, Vol. 2, Issue 12, pp. 7289 – 7296, December 2014.

21. Implementation of optimized cost, Load & service monitoring for grid computing, Vol.

3, Issue 2, pp. 864 – 870, February - 2015.

22. Transmission of data between sensors by devolved Recognition, Vol. 3, Issue 2, pp. 878 – 886, February - 2015.

23. Secure Data Transaction in Multi cloud using Two-phase validation, Vol. 3, Issue 2, pp. 845 – 853, February - 2015.

24. Assist Autism spectrum, Data Acquisition method using Spatio-temporal Model”, Vol. 3, Issue 2, PP. 871 – 877, February - 2015

25. Reduced path, Sink failures in Autonomous network Reconfiguration system (ANRS) Techniques, Vol. 3, Issue 3, pp. 2566 – 2571, March - 2015.

26. Associate Adaptable Transactional information store in the cloud using distributed storage & Meta data manager, Vol. 3, Issue 3, pp. 1548 – 1555, March - 2015.

27. Mining user profile Exploitation cluster from computer program Logs, , Vol. 3, Issue 3, pp. 1556 – 1561, March - 2015.

28. An advanced moving object detection algorithm for automatic traffic monitoring in real-world limited bandwidth networks, Vol. 3, Issue 3, pp. 2661 – 2668, March - 2015.

29. Multi-Hop overlay Transport for High Throughput transfers in the Internet, Vol. 3, Issue 3, pp. 2320 – 2324, March - 2015.

30. Neighborhood based framework, Active Learning, Vol. 3, Issue 3, PP. 2535 – 2542, March - 2015.

31. A Stochastic Model to Investigate Data center performance & QOS in IaaS cloud computing systems, Vol. 3, Issue 3, PP. 2560 – 2565, March - 2015.

32. Traffic Identification Method Engine : An open platform for Traffic classification, Vol. 3, Issue 3, PP. 2475 – 2481, March - 2015.

33. Human Effects to enhance clustering Techniques that Assists user in grouping the Friends, Vol. 3, Issue 3, PP. 1628 – 1635, March - 2015.

34. Secure multiparty protocol for Data Privacy in Distributed Environment, Vol. 3, Issue 4, PP. 3399 – 3403, April – 2015.

35. Safety & Moral Affairs in cyber space : An IT Firm’s prospect, Vol. 3. Issue 7, PP. 6742 – 6751, July – 2015.

36. Reversible Data hiding with lossless Data Embedding, Vol. 3, Issue 8, PP. 7376 – 7386, August – 2015.
37. Identification of Data result using effective probabilistic Flooding, Vol. 3, Issue 8, PP. 7309 – 7314, August – 2015.
38. An Recognized Data Mining Algorithm for E- Learning System, Vol. 3, Issue 7, PP. 6953 – 6959, July – 2015.
39. Implementation of secured Data using Key partitioning & IDA Method, vol.3, Issue 2, PP. 676 – 680, February – 2015.
40. Dynamic & Self-Organizing of Ad-hoc Network that enables Information Trasfer, vol.4, Issue 9, PP. 16935 - 16939, Sept – 2016.

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40. Advanced Auto Adaptive Edge-Detection Algorithm for flame monitoring & fire Image Processing, Vol. 9, Issue 22, pp. 5797 – 5802, 2014.
41. Finding the K-Edge connectivity in MANET using DLTRT, Vol. 9, Issue 22, pp. 5898 – 5907, 2014.
42. A System for Retrieving Information directly from online social network user Link, Vol. 9, Issue 22, pp. 6023 – 6028, 2014.
43. Vehicular communication using Fvmr Technique, Vol. 9, Issue 22, pp. 6133 – 6139, 2014.

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44. Network monitoring using Test Packet Generation, pp. 1 – 12, March Issue – 2015.

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45. Providing security for social networks from inference Attacks, pp. 1 – 9, March – 2015.

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46. A Scalable multicasting with group mobility in Mobile Adhoc Networks, Vol. 3, Issue 12, December – 2014.

47. A Two Layer key scheme for Wireless Detector Networks, Vol. 3, Issue 8, August – 2015.

48. An applying Association Rule mining in Education Management Systems, Vol. 4, Issue 5, May – 2015.

49. Adaptive probabilistic Algorithm for peer Networks, Vol. 4, Issue 7, July – 2015.

(JOURNAL OF INNOVATIVE RESEARCH & SOLUTIONS) JIRAS PRINT ISSN : 2320 1932 ONLINE
ISSN – 2348 3636

50. Multi-Layer Integrational of cluster computing, JIRAS, A Unit of UIIRS, PRINT ISSN : 2320 1932, ONLINE ISSN – 2348 3636, Vol. 2, Issue 1, PP. 188 – 196, January-June 2016.

51. Construction of Economical coloured Trees for node failures, Vol. 2, Issue 2, PP. 152 – 160, JUL-DEC 2016.

52. Energy-Minimum Data gathering operations based on dynamic programming using wireless sensor Network, Vol. 2, Issue 2, PP. 169 – 179, JUL-DEC 2016.

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53. Implementation of GOLEM based mostly Mobile Learning Application as a versatile Learning Media, International Journal of Pharmacy & Technology, ISSN : 0975 – 766X, Vol. 8, Issue No. 3, pp. 17280 - 17288, Sep-2016.

54. On the Construction of SMPS, International Journal of Pharmacy & Technology, ISSN : 0975 – 766X, Vol. 8, Issue No. 3, pp. 17397 -1717403, Sep-2016.

55. Contrasting Flip-Flop Gates & Agents, International Journal of Pharmacy & Technology, ISSN : 0975 – 766X, Vol. 8, Issue No. 3, pp. 17410 -17414, Sep-2016.

56. Decoupling the Location-Identity split from active Networks in the Turning Machine, International Journal of Pharmacy & Technology, ISSN : 0975 – 766X, Vol. 8, Issue No. 3, pp. 17415 -17419, Sep-2016.

57. Partitional Agglomeration calculations attempts & Territorially enhance an exact Foundation, International Journal of Pharmacy & Technology, ISSN : 0975 – 766X, Vol. 8, Issue No. 3, pp. 18514 -18520, Sep-2016.

58. Reliable communication in MANET to communicate in Ad-hoc Network, International Journal of Pharmacy & Technology, ISSN : 0975 – 766X, Vol. 8, Issue No. 3, pp. 17770 -17775, Sep-2016.

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59. Automatic Diagnosis using Test Packet Generation, PP. 1 – 7, March – 2015.

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