

BIO DATA

Name : S.CHIDAMBARAM
Name of the Post : Assistant Professor (Senior Grade)
Branch : Information Technology
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1. Personal Details

Date of Birth & Age : 01-06-1984 & 33
Sex & Marital Status : Male & Married
Nationality : Indian

Qualification

Degree	Programme and Specialization	Class /CGPA	Month & Year of Passing	Institute/University
B.Tech.	IT	75 (Distinction)	April 2005	Anna University Chennai
M.E	CSE	81 (Distinction)	August- 2009	Anna University of Technology Tirunelveli
Ph.D *	Information and Communication	-	Pursuing	Anna University, Chennai

Professional Experience

Designation	Institution/ Organisation	Period	Nature of Duties
Lecturer	S.Veerassamy Chettiar College of Engineering and Technology	From 02-05-2005 To 25-05-2007	Teaching
Assistant Professor	National Engineering College, Kovilpatti	01-06-2009 To 14-07-2015	Teaching
Assistant Professor (Senior Grade)	National Engineering College, Kovilpatti	15.07.2015 to till date	Teaching

Date of joining in Present Institution : 01-06-2009

Present status : Assistant Professor(Senior Grade)

Courses taught:

Course Title	U.G. or P.G.
1. Information System Design 2. Operating system 3. Principles of Object Oriented Analysis and Design 4. Advanced Database Technology 5. User Interface Design 6. Software Project Management 7. Cryptography and Network Security 8. Computer Networks 9. Software Engineering and Quality Assurance 10. Mobile Communication	U.G
1. Wireless Mobile Communication 2. Design Principles of Computer Networks	P.G

2. Academic Achievements**2.1 Short term Courses / Seminars / Conference/ Workshops organized:**

S.No	Programme Title	Date	(Convenor/ Coordinator)
1.	Spoken tutorial workshop on linux	21-02-14	Coordinator
2.	Cisco academy meet on “emerging trends in green networking technologies”	08-03-2013	Coordinator
3.	Research methods for academicians, research scholars & practitioners	17-11-2012	Coordinator
4.	Research perspective in engineering	02-04-2011	Coordinator
5.	Rational application developer	25-08-2010 and 28-08-2010	Coordinator
6.	Spoken Tutorial workshop on C/C++	15.02.16 and 22.02.16	Organizer

2.2 Short term Courses / Seminars / Conference/ Workshops Attended:

S.No	Title	Programme	Date	Venue
1.	WIRELESS AND MOBILE NETWORKS	AICTE Sponsored FDP	16-11-09 to 28-11-09	SONA College of Technology, Salem
2.	PROSPECTIVE ISSUES AND METHODOLOGIES IN HUMAN MECHINE INTERACTION	AICTE Sponsored FDP	17-05-10 to 21-05-10	National Engineering College, Kovilpatti.
3.	IBM COMMUNITY EDITION TECHNOLOGIES	FDP	25-10-07 & 26-10-07	National Engineering College, Kovilpatti
4.	CCNA INSTRUCTOR TRAINING PROGRAM	FDP	29-11-11 to 9-12-11	VIT University, Chennai campus.
5.	MOBILE COMMUNICATION	FDP	14-05-12 to 20-05-12	Anna University (MIT Campus), Chennai

6.	NETWORK LABORATORY	Workshop	06-10-06 & 07-10-06	National Engineering College, Kovilpatti
7.	NETWORK SIMULATOR (NS2)	Workshop	22-02-08 & 23-02-08	National Engineering College, Kovilpatti.
8.	GRID COMPUTING	AICTE & DRDO sponsored Seminar	25-05-09 to 27-05-09	National Engineering College, Kovilpatti.
9.	RECENT RESEARCH: MULTI PERCEPTION	Seminar	18-09-09 and 19-09-09	National Engineering College, Kovilpatti
10.	RECENT ADVANCEMENT IN NETWORKING-RANETS'09	Seminar	07-11-09	Ultra College of Engineering and Technology for Women, Madurai.
11.	ADVANCED IMAGE PROCESSING AND NETWORKING	Conference	06-03-09 & 07-03-09	National Engineering College, Kovilpatti
12.	MOBILE CELLULAR NETWORKS	DRDO Sponsored Seminar	06.01.11 to 08.01.11	Kongu Engineering College, Erode
13.	RESEARCH ISSUES IN WEARABLE COMPUTING	CSIR Sponsored Seminar	28.01.11 & 29.01.11	National Engineering College, Kovilpatti
14.	RAPID APPLICATION DEVELOPER (RAD)	IBM Workshop	22-09-11 to 26-09-11	National Engineering College, Kovilpatti
15.	NATIONAL PROGRAMME ON TECHNOLOGY ENHANCED LEARNING	Workshop	24-03-12	S.T Hindu College, Nagercoil
16.	SEMANTIC INFORMATIONAL RETRIEVAL FROM MEDICAL DATABASE FOR CLINICAL SUPPORT SYSTEMS	Seminar	06-04-12 and 07-04-12	National Engineering College, Kovilpatti
17.	PRINCIPLES & PRACTICES OF KNOWLEDGE DISCOVERY IN DATABASE	Seminar	14-08-12 & 15-08-12	Anna University, Guindy
18.	TIVOLI DIRECTORY SERVER	Workshop	17-09-12 to 20-09-12	National Engineering College
19.	LANGUAGE BASED FORMAL METHODS AND VERIFICATION TECHNIQUES FOR SECURITY	DRDO sponsored Seminar	02-08-13 & 03-08-13	National Engineering College
20.	COMPUTATIONAL COMPLEXITY	IARCS Technically Sponsored course	27-09-13 & 28-09-13	National Engineering College
21.	QUALITY IMPROVEMENT CELL	Workshop	07-02-14	Government College of Engineering

3 Expert Lectures Delivered :

Sl.No	Title	Place	Programme	Date
1.	Secure Routing In Wireless Sensor Networks	National Engineering college, Kovilpatti	SDP	17-07-2009
2.	Mobile Communication and Pervasive computing	Francis Xavier Engg College, Tirunelveli	Seminar	15-08-2015
3.	Recent Trends in Mobile Communication and Wireless Sensor Networks	G.U Pope college of Engineering, Thoothukudi	Seminar	22-10-2015

4 Publications

Journal publications

International Journals	:	05
International Conférence	:	9
National Conférence	:	12

4.1 JOURNAL PUBLICATIONS

S.No	Title of the paper	Authors	Journal	Volume,Pages Year
1.	Secure Transaction in Online Banking System Using IB-mRSA	S.Renuga Devi, S.Chidambaram, V.Manimaran	International Journal of Engineering Research & Technology (IJERT)	ISSN:2278-0181 Vol. 2 Issue 1, January- 2013
2.	A Predictive Approach for Fraud Detection Using Hidden Markov Model	S.Esakkiraj, S.Chidambaram	International Journal of Engineering Research & Technology (IJERT)	ISSN:2278-0181 Vol. 2 Issue 1, January- 2013
3.	Sequential Covering Strategy Based Classification Approach using Ant Colony Optimization	B.Revathi, S.Chidambaram	International Journal of Innovative Research in Science Engineering and Technology (ICIET'14)	ISSN(Online): 2319-8753 Volume 3, Special Issue 3, March 2014
4.	Additive Gaussian Noise Based data Perturbation in Multi-level trust privacy preserving data mining	R.Kalaivani, S.Chidambaram	International Journal of Data Mining & Knowledge management Process(IJDKP)-2014	Vol.4, No.3, May 2014
5.	Optimization Technique for Feature Selection and Classification using Support Vector Machine	M.Kumar, S.Chidambaram	International Journal for trends in engineering and Technology.	Volume 4, Issue 1, April 2015. ISSN:2349 - 9303

4.2 INTERNATIONAL CONFERENCE PUBLICATIONS

S.No	Title of the paper	Authors	Name of the conference	Venue	Date
1.	Qos based load distributed energy efficient routing in wireless sensor networks	V.Sivakumar, S.Chidambaram	International Conference on Computing Technologies (ICONCT'09)	Mepco Schlenk Engineering College, Sivakasi	09-11-2009
2.	Tele-monitoring heart failures using CART method	A.Ramesh Kumar, S.Chidambaram, E.Siva sankari	International conference on Emerging trends in Computer & Communication Technologies.(E MICS '12)	Maria College of Engineering & Technology	16-02-2012 & 17-02-2012
3.	Non technical losses identification & prediction in power utilities using genetic algorithms & support vector machine	R. Muthu Selvi, S.Chidambaram, E.Siva sankari	International conference on Emerging trends in Computer & Communication Technologies.(E MICS '12)	Maria College of Engineering & Technology	16-02-2012 & 17-02-2012
4.	System for detection of fraud in electricity consumption using support vector machine	R. Muthu Selvi, S.Chidambaram, E.Siva sankari, Dr.D. Manimegalai	International conference on Emerging trends in Computer & Communication Technologies.(E MICS '12)	Maria College of Engineering & Technology	16-02-2012 & 17-02-2012
5.	Comprehensive Survey on decision tree algorithms in Data mining	S.Esakki Raj, S.Chidambaram	International Conference on E-Governance & Cloud computing Services. (E-Gov '12)	Dr.M.G.R University, Chennai	17-10-12 & 18-10-12
6.	Secure Transaction in online banking system using IB-MRSA	S.Renuga Devi, S.Chidambaram, V.Manimaran	International Conference on Advanced Computing, Machines and Embedded Technology	JKK Nattraja College of Engineering & Technology	08-03-2013 & 09-03-2013
7.	Sequential Covering Strategy Based Classification Approach using Ant Colony Optimization	B.Revathi, S.Chidambaram	IEEE International Conference on Innovations in Engineering and Technology(ICIE T '14)	K.L.N College of Engineering, Madurai	21-03-14 & 22-03-14
8.	Optimization Technique for Feature selection and Classification using	M.Kumar, S.Chidambaram	International Conference on innovations in communications	Coimbatore Institute of Technology, Coimbatore	15-02-2015

	support machine vector		and computer engineering (ICICCE '15)		
9.	A combined random noise perturbation approach for multi level privacy preservation in data mining	Mr.S.Chidambaram , Dr. K.G Srinivasagan	Recent Trends in Information Technology (ICRTIT), 2014	Anna University, MIT Campus.	12-04-2014

4.3 NATIONAL CONFERENCE PUBLICATIONS

S. No	Title of the paper	Authors	Name of the conference	Venue	Date
1.	Advanced computer engineering and networking	S.Chidambaram, S.Anantha kumaran	Advances in Computer Engineering and Networking	PSNA college of Engg and Tech, Dindigul	21-03-2009
2.	Home monitoring of heart failure using data mining	A.Ramesh Kumar, S.Chidambaram, E.Sivasankari	Computing Technologies (MEPCONCT '12)	Mepco Schlenk Engineering College, Sivakasi	14-03-2012
3.	Survey on Asymmetric Key encryption algorithms	S.Renuga Devi, S.Chidambaram	Modeling, Simulation and Optimization (NCMSO '12)	VELS University, Chennai.	02-11-2012
4.	Decision Tree based prediction model for fraud detection using Hidden Markov Model	S.Esakkiraj, S.Chidambaram	Emerging Trends in Computer Science and Engineering (ETICSE '13)	K.S.R Engineering college.	06-03-2013
5.	Data Collection in partitioned wireless sensor network using multi-mobile element system.	I.Sangeetha Devi, S.Chidambaram, S.Vimal	NCFCSCT '13	Sri Ramakrishna Engineering College Coimbatore	12-04-13 & 13-04-13
6.	Identity based Transaction Using Advanced Encryption Standard (AES) in Banking System	S.Renuga Devi, S.Chidambaram, V.Manimaran	Emerging Trends in Computer Engineering and Technology	Sri Vidya College of Engineering & Technology, Virudhunagar.	08-03-13
7.	Mobile Robot based Data collection in wireless sensor Networks	I.Sangeetha Devi, S.Chidambaram, S.Vimal	Emerging Trends in Computer Engineering and Technology	Sri Vidya College of Engineering & Technology, Virudhunagar.	08-03-13
8.	Improving Classification accuracy using feature	B.Revathi, S.Chidambaram	VISION '14	Government College of	03-04-14

	selection techniques.			Engineering, Tirunelveli	
9.	Privacy Preservation based Data classification using perturbation techniques.	R.Kalaivani, S.Chidambaram	VISION '14	Government College of Engineering, Tirunelveli	03-04-14
10.	Rarity based risk score with scalling method for android applications	S.Chidambaram, K.Arunaa Kalai Vaanii, G. Gladlin Shirley	National Conference on Computing and Applications (NACCA'15)	National Engineering College	23-03-15
11.	Continuous authentication and Biometrics user Identity verification for the internet security	S.Chidambaram, M. Sameera, P. Sivaranjani	National Conference on Computing and Applications (NACCA'15)	National Engineering College	23-03-15
12.	Feature selection optimization technique using support vector machine classifier (FACT ' 15) Vol 3	M.Kumar, S.Chidambaram, K.G Srinivasagan	National Conference on Frontiers in Applied Science and Computer Technology (FACT'15)	National Institute of Technology, Trichy	06-03-15 & 07-03-15

5. Country visited:

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