



S.CHITRA

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Professional Objective:

A challenging career opportunity which would help me to utilize my academic background to assist me to gain experience, employ my excellent interpersonal skills, and enable me to make positive contribution.

Educational Qualification:

M. Tech : Network & Internet Engineering at Pondicherry University, Trichy

M. Phil: Computer Science at Kanchi Mamunivar Center for PG Studies, Pondicherry

M. Sc.: Computer Science at Bharathidhasan College for Women, Pondicherry

Work experience:

| S.No | Employer | Designation | Period of Service | Nature of Work |
|------|--|---------------------|--------------------------|----------------|
| 1 | Manakula Vinayagar Institute of Technology | Assistant Professor | 10.06.2010 to till date | |
| 2 | Pondicherry University | Guest Faculty | 01.08.2007 to 31.05.2008 | |
| 3 | Saradha Gangadaran College | Lecturer | 19.02.2003 to 31.07.2007 | |

Teaching Activities: (Subjects Taught)

(i) Under Graduate :

Computer Organization and Architecture
Introduction to Java Programming
Digital System Design
Database Management Systems
Design and Analysis of Algorithms
Java and Internet Programming
Computer Networks
Service Oriented Architecture
System Software & Compilers
Object Oriented Design & Programming

(ii) Post Graduate: Nil

(iii) Laboratories handled:

Computer Networks Lab
Java and Internet Programming Lab
Digital Lab

Major tasks handled: (MVIT)

- Organized AICTE sponsored 2 weeks Staff Development Programme on “Emerging Trends on Middleware Technologies” from 30.05.11 to 12.06.11.

- Organized AICTE sponsored 2 days Seminar on “Swarm Intelligence” from 24.06.11 to 25.06.11.
- Organized one day workshop “A knowledge platform – Interactive and Interaction”
- Organized one day workshop on “Students Project Development Awareness Program”
- Organized two days workshop on “Advanced Java Programming”
- Conducted guest lecture on “Wireless Sensor Networks”
- Conducted guest lecture on “Project Documentation Guidelines” Conducted guest lecture on “UML with Rational Rose.
- Conducted and organized two days workshop on “Cyber Security & Malware Analysis” from 02.08.2013 to 03.08.2013
- Organized AICTE sponsored 2 days National Seminar on “Cyber Law & Cyber Security” from 25.10.13 to 26.10.13.
- Conducted and organized one day workshop on “Cloud Computing” 05.07.2014.

Paper Publications / Presentation:

| | Published | Accepted | Communicated | Total |
|--------------------------|------------------|-----------------|---------------------|--------------|
| International Journal | 8 | - | - | 8 |
| International Conference | 6 | - | - | 6 |
| National Conference | 6 | - | - | 6 |

Publication Enclosed:

Research Publication: Papers published in International/National Journal

- Chitra S and Aghila G, “Methodology Based Survey on Ontology Management”, International Journal on Computer Science and Engineering Science, Dubai, Apr 2010.
- Chitra S and Aghila G, “SOMRep: Mapped Meta Information (MMI) for Semantic Web Using Ontology Mapping Patterns”, International Journal on Computer Application, Dubai, Jan 2011.
- Chitra S, Sankari V and Priyanka C, “A Multilayered Phishing Website Detection using ADABOOST and SVM”, Journal of Computing Technologies, Volume 2 Issue 2, Feb 2013.
- Saravanan V and Chitra S, “Form Based Essential Relations Cluster Mining In Multivariate Moment”, Internal Journal of Advanced and Innovative Research, Volume 3 Issue 2, Feb 2014.
- Saravanan V and Chitra S, “Model Based Essential Interactions Cluster Mining In Multivariate Time”, International Journal of Advanced Research in Computer Science Engineering and Information Technology, Volume 4 Issue 3, Mar 2014.
- Chitra S and Aghila G, “A survey on tools and operations on ontology operations”, Research Journal of Engineering Science, Volume 3 (5), 12 – 25, May 2014.

Papers published in International/National Conference

- Chitra S and Aghila G, “Ruled Based Mapping Patterns for Ontology Mapping”, National Conference on Recent Trends in Imaging, Computing, Object and Mining (ICOM '10), Anna University, Trichy, May 7th – 8th, 2010.
- Chitra S and Aghila G, “Determination of Heavy / Light Weight Mapping of Ontologies for Web Service Discovery”, ACEEE International Journal on Communications”, Chennai, July 28th – 29th, 2010.
- Vidhya K, Chitra S and Aghila G, “Naïve Bayes based semantic modeling for ontology mapping using patterns”, International Conference on Information Processing, Bangalore, August 6th – 8^t, 2010.

- Chitra S, Vidhya K A and Aghila G, “Web Service Selection Based on Ranking of QoS Using Naïve Bayes through Ontology Mapping”, IEEE International Conference on Computer and Communication Technology, Allahabad, September 17th – 19th, 2010.
- Chitra S and Nandagopal U, “A Methodology for E-Content Preparation”, International Conference on RADAR Communication and Computing (ICRCC '12), SKP Engineering College, Thiruvannamalai, Decemeber 21st – 22nd, 2012.
- Chitra S and Ragavendiran P, “Ontology Driven Framework for Assessing the Syllabus Fairness of a Question Paper”, National Conference on Innovative Computing Technologies (NCICT '13), Chevalier T. Thomas Elizabeth College for Women, Chennai, January 11th, 2013.
- Chitra S and Nandagopal U, “A Web Service Composition Based on User Request for BPC using Ontology”, National Conference on Advances in Computing and Networking, SA Engineering College, January 23rd, 2013.
- Chitra S and Nandagopal U, “Business Process Customization with Service Matching Using Ontology Mapping”, International Conference on Innovative Trends in Computing and Technology, Raja’s Engineering College, Thirunelveli, March 7th – 8th, 2013.
- Chitra S and Ragavendiran P, “Authenticating Ontology Using Service Discovery”, International Conference on Innovative Trends in Computing and Technology, Raja’s Engineering College, Thirunelveli, March 7th – 8th, 2013.
- Saravanan V and Chitra S, “Model Based Essential Interaction Cluster Mining in Multivariate Time”, IEEE 4th International Conference on Information Communication & Embedded Systems - "ICICES 2014", S.A. Engineering College, Chennai, 27th & 28th Feb 2014.
- Saravanan V and Chitra S, "Form Based Essential Relation Cluster Mining in Multivariate Moment", 3rd International Conference on Competency Building Strategies in Business and Technology for Sustainable Development, Sri Ganesh School of Business Management, Salem, 25th Feb 2014.

Staff Participation Seminars / schools / conferences / workshops attended

- One day workshop on “Research Issues in Image Processing and DataMining” on 3.12.2014, R & D Cell, Manakula Vinayagar Institute of Technology, Puducherry.
- 8 days FDP on “DOT NET & C#” from 03.11.2014 to 11.11.2014, Manakula Vinayagar Institute of Technology, Puducherry.
- One day workshop on “Programming the Semantic Web with JAVA” on 11.10.2014, School of Computer Science and Engineering, VIT University, Chennai.
- One day workshop on “Research and Development in Engineering Institutions” on 13.09.2014, R D Cell, Manakula Vinayagar Institute of Technology, Puducherry.
- Two days AICTE sponsored National Seminar on “Impact of Biometric Security using Image Processing” from 12.11.13 and 13.11.13, Department of Computer Science and Engineering, Manakula Vinayagar Institute of Technology, Puducherry.
- Two days AICTE sponsored National Seminar on “Cyber Law & Cyber Security” from 25.10.13 and 26.10.13, Department of Information Technology, Manakula Vinayagar Institute of Technology, Puducherry.
- Two Day Workshop on “Web Services – Service Oriented Architecture” from 16.09.13 and 17.09.13, Department of Computer Applications, SRM University, Chennai.
- Two Day Workshop on “Cyber Security & Malware Analysis” from 02.08.13 and 03.08.13, Department of Information Technology, Manakula Vinayagar Institute of Technology, Puducherry.
- 10 days AICTE sponsored FDP on “Recent Advances in Artificial Neural Networks” from 22.04.2013 to 03.05.2013, Department of Computer Science & Engineering, Manakula Vinayagar Institute of Technology, Puducherry.
- Two days AICTE sponsored National Seminar on “Current Scenario: Open Source Technologies” from 17.04.2013 to 18.04.2013, Department of Computer Science & Engineering, Manakula Vinayagar Institute of Technology, Puducherry.

- One week FDP on “Service Oriented Architecture and Web Services” from 03.12.12 to 07.12.12, Department of Computer Science Engineering, Pondicherry Engineering College, Puducherry.
- Two Day Workshop on “Cyber Crimes and Cyber Security in Banks” from 05.11.12 and 06.11.12, Department of Banking Technology, Pondicherry University, Puducherry.
- Eight Days FDP on “Web Application Development Using DOTNET Technologies”, from 22.08.12 to 30.08.12 conducted by ICT Academy of Puducherry at Manakula Vinayagar Institute of Technology.
- Two weeks AICTE sponsored programme on “Emerging Trends in Middleware Technologies” from 30.05.11 to 12.06.11, Manakula Vinayagar Institute of Technology, Puducherry.
- Two days AICTE sponsored National Seminar on “Swarm Intelligence” from 24.06.11 and 25.06.11, Manakula Vinayagar Institute of Technology, Puducherry
- Two Day National Seminar on Emerging Trends in Computer Applications on 6th – 7th November 2010 in the Department of MCA, Krishnasamy College of Engineering and Technology, Cuddalore.
- Three Day Workshop on Information Security for Banks on 19th – 21st February 2009 in the Department of Banking Technology, School of Management, Pondicherry University
- Two Day National Workshop on Data Mining and Data Warehousing held in Department of
- Computer Science on 25th & 26th March 2009, which was jointly organized by Department of Statistics and Department of Computer Science, Pondicherry University
- One day Workshop on Grid Computing: Technology and Future Research held in Department of
- Computer Science on 18th April 2009, which was jointly organized by SIG on Grid Computing Computer Society of India and Department of Computer Science, Pondicherry University
- One day Faculty Development Programme on Leveraging the Curriculum and Building the
- Competency of UG and PG Students on 7th September 2009, which was organized by the Placement Cell of Pondicherry University.

Consultancy and Sponsored Research activities: Nil

Research guidance: Nil

Project Guidance: More than 3 projects in PG level and more than 20 projects in UG level

Guest Lectures delivered: Nil

Professional Membership:

- Life Member Of The Indian Society For Technical Education By Approval Of The Executive Council, An Organization For Promoting The Quality And Standards In Technical Education-2012.

(S. Chitra)