

# Curriculum Vitae

**Dr.V. Shyamala Susan M.C.A., M.Phil., Ph.D.,**

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## *Academic Qualifications:*

- ❖ **Doctor of Philosophy (Ph.D)** in Computer Science from Bharathiar University, Coimbatore in the year October 2018.
- ❖ **Master of Philosophy (M.Phil)** in Computer Science from Manonmanium Sundaranar University, Tirunelveli in the year December 2006.
- ❖ **Master of Computer Applications (M.C.A)** in Coimbatore Institute of Technology, Coimbatore in the year April 1999.
- ❖ **Bachelor of Science (Mathematics)** in Nirmala College For Women, Coimbatore in the year April 1995.

## *Teaching Experience:*

Working as a **Head, Assistant Professor** in Computer Science, A.P.C.Mahalaxmi College for Women, Thoothukudi for **15 years** from 06.6.2004 to till date.

## *Specialization : Privacy Preservation in Data Mining*

## *Paper(s) Presented in National and International Conference:*

- ❖ “The IOT and its Effect on Society”, Presented in ICSSR sponsored **International Conference on Social impact of internet of things (IOT) Boon or Bane** at Vidhya Sagar Women’s College, Chengalpattu on 24-08-18
- ❖ “Computing Techniques in Information Technology”, Presented in **International Conference on Developing Advanced Research and Computer Technology**, at K.S.G College of Arts and Science, Coimbatore on 28-01-18
- ❖ “Clustering Techniques of Data Mining – A survey, Presented in **National Conference on Developing Advanced Research & Technology** at K.S.G College of Arts and Science, Coimbatore on 24-02-17
- ❖ “Advanced Cluster Based Attribute Slicing: A New Approach for Privacy Preservation“, Presented in Springer sponsored **International Conference on Soft Computing Systems, (Scopus Indexed)** on 22-6-2015
- ❖ “An Efficient Support Vector Machine with Radial Basis Function for Passive Continuous Authentication System”, Presented in **National seminar on Computing**

**Technologies and their applications** “ in Kovai Kalamagal College of Arts and Science, Coimbatore, on 24 -09-2014

- ❖ “ Challenges of ICT in Education” Presented in **National Conference on ICT Trends** Education at Bethany Navajeevan College of Education , Kanyakumari on 07.1.12
- ❖ “Educational Data mining Techniques” presented in a **National Conference on Current Trends in Computing**” in Sri Krishna Arts &Science College, Coimbatore on 16.2.2012

***Paper(s) Published in International Journal(s):***

- ❖ “A Survey on Privacy Preservation in Data Publishing”, International Journal of Computer Science and Mobile Computing, Vol.3, Issue.3, March 2014,pg. 188-193.
- ❖ “Slicing based Privacy Preserving of the Micro Data using Fuzzy based Clustering\_“, International Journal of Applied Engineering Research ,January 2014, 12771-12778.(**Scopus Indexed**)
- ❖ “Managing privacy of sensitive attributes using MFSARNN clustering with optimization technique”,. Journal of Internation Review on Computer Software. 2015;10(9):907–911. (**Scopus Indexed**)
- ❖ “Privacy Preserving Data Mining Using Sliced Data for Classification Technique.International Journal of Soft Computing, 10: 468-475. (**Scopus Indexed**)
- ❖ “Anatomisation with Slicing: A New Privacy Preservation Approach for Multiple Sensitive Attributes “ Springerplus. 2016; 5(1): 964., DOI: 10.1186/s40064-016-2490-0, PMCID: PMC4932023. (**SCI-E Indexed**)
- ❖ Anonymising the Sparse Dataset: A New Privacy Preservation Approach While Predicting Diseases “, IIOABJ, 2016; Vol. 7 (3):85-96. (**Scopus Indexed**)
- ❖ “Privacy Preserving Data Mining Using Multiple Objective Optimization”, ICTACT Journal on Soft Computing, October 2016, Volume: 07, Issue: 01
- ❖ “An Extension Framework to EAM for the Overlapping Attributes to Preserve Privacy “, International Journal of Pure and Applied Mathematics, Volume 118 No. 19 2018, 2833-2846 (**Scopus Indexed**)
- ❖ “An Efficient Anonymization Model (EAM) For Data Publishing Using Optimizd Clustring Approach“, International Journal of Pure and Applied Mathematics, Volume 118 No. 19 2018, (**Scopus Indexed**)

- ❖ “Supervised Learning Vector Quantization and Enhanced Backpropagation Neural Network for Intrusion Detection “ JETIR, November 2018, Volume 5, Issue 11 (**UGC Indexed**)

### ***Sponsored Research Projects***

- ❖ An Interdisciplinary Perception of Micro-Data based on Multi-layer Data Anonymization with Slicing “ a research Project funded by **UGC**, Mrp-5711/15(sero/ugc), completed on January 2015
- ❖ “Anatomisation with slicing: a new privacy preservation approach for multiple sensitive attributes “ fee waiver of Rs.75,000 was granted by **Springeropen** to publish in *Springerplus*, 2016

### ***Articles in Book***

- ❖ “**Green Computing**” article published in Green Computing , ISBN:978-81-925286-2-5
- ❖ “**Data Retrieval Technique**” article published in ENRICH, Volume III(I) Jul-Dec 2011, ISSN 2319-6394

### ***Research Activities***

1. **Convenor**, International Conference on Recent trends in Information Technology Science and Engineering, at A.P.C. Mahalaxmi College for Women, Thoothukudi on 14<sup>th</sup> and 15<sup>th</sup> December, 2017.
2. **Advisory Committee Member**, International Conference on Computational Science and its Application at Sri.S.Ramaswamy Naidu Memorial college,Sattur on 16<sup>th</sup> March 2018
3. **Convenor**, International Conference on Recent trends in in Multi-Disciplinary Research (**ICRTMDR – 18**) at A.P.C. Mahalaxmi College for Women, Thoothukudi on 20<sup>th</sup> - 21<sup>st</sup> December 2018

### ***Professional Membership***

- ❖ **Reviewer**, The International Journal of New Computer Architectures and their Applications (IJNCAA).
- ❖ **Reviewer**, E-Health Telecommunication Systems and Networks (ETSN)
- ❖ **Editorial Member**, International Association of Engineers (IAENG).
- ❖ **Editorial Member** International Journal of Research - GRANTHAALAYAH
- ❖ **Member**, Institute For Engineering Research and Publication (IFERP).
- ❖ **Reviewer**, Journal of emerging Technology and innovative research (UGC journal)

### ***Responsibilities in Colleges***

- ❖ Member, IQAC
- ❖ Member, NIRF

- ❖ Nodel officer, AISHE
- ❖ Member, Internal Exam Committee
- ❖ Conducting Seminars, Workshops and Guest Lectures regularly (Arranged more than 95)
- ❖ Conducting Faculty Development Programs ( Arranged more than 20)
- ❖

### ***References:***

1.Dr. A. Amuthan, B.Tech.,M.E., Ph.D.,  
Professor, Associate Dean - Autonomy & Accreditation,  
Department of Computer Science & Engineering,  
Pondicherry Engineering College, Pillaichavady,  
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Mobile : 9444104373.

2.Dr.T.Christopher,M.C.A, M.Phil,Ph.D,  
PG and Research Department of Computer Science,  
Government Arts College,  
Coimbatore - 641 018, TN  
Chris.hodcs@gmail.com

### ***Personal Details:***

Name : Dr. V.Shyamal Susan M.C.A., M.Phil., Ph.D.,  
Date of Birth : 30<sup>th</sup> November 1994  
Age : 44 Years  
Gender : Female  
Nationality : Indian  
Marital Status : Married  
Languages Known : Tamil and English

### ***Declaration***

I hereby assure that all the above informations declared here are true to best of my knowledge.

Date: 08.12.2018

Yours truly,  
V.Shyamala Susan

Place: Thoothuudi