

**Mrs.S.Ranichandra M.Sc., M.Phil.,MBA.,**

No 21, Middle Street

Sengunam(Po), Perambalur(Dt)

Perambalur – 621220.

Tamil Nadu,India

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# OBJECTIVE

* To get myself associated with a best Institution and be a successful faculty.
* To impart quality education on Computer Science.
* To inculcate a deep sense of involvement in students to shape themselves as full- fledged candidates capable of securing apt position in organizations.
* To serve the society as a dedicated teacher thereby contributing to the development of the youth.

**EDUCATION**

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| 2006 | **Master of Business Administration,** Tamil Nadu Open University, Tamil Nadu, India. |
| 2003 | **Master of Philosophy in Computer Science,** Manonmaniam Sundaranar University, Tamil Nadu, India. |
| 2001 | **Master of Science in Computer Science,** Thanthai Hans Roever College, Bharathidasan University, Tamil Nadu, India. |
| 1999 | **Bachelor of Science in Computer Science,** Thanthai Hans Roever College, Bharathidasan University, Tamil Nadu, India |

**TEACHING EXPERIENCE 18 YEARS**

1. Presently working as an Assistant Professor in the Department of Computer Science, and IQAC Coordinator at **Dhanalakshmi Srinivasan College of Arts and Science for Women, Perambalur** – 621212.
2. Worked as an Asst. Professor in the Department of Computer Science, **K.S.Rangasamy College of Arts & Science (Autonomous), Tiruchengode** - 637215 (Since Jun 2008 to Dec 2014)
3. Worked as a Sr.Lecturer in Department of Computer Applications, **Vysya College, Salem -** 636 103. (Since Jun 2006 to April 2008)
4. Worked as a Lecturer in Department of Computer Science, **Thanthai Hans Rover College, Perambalur - 621212.** (Since Aug 2001 to April 2006).

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| **RESEARCH SUPERVISING**  |
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| M.Phil | 35 (Completed) |
| **PROJECTS SUPERVISED** |
| M.Sc |  55 (Completed) |
|  MCA |  45 (Completed) |

**PROJECT WORK EXPERIENCE**

1. Intelligent Decision Making for Agreement Based Grid Resource Requirement
2. The Server Reassignment for Load Balancing in Structured Peer to Peer System
3. Personal Web page and Events Registration and Management System
4. Textiles and Spinning Mills Management System
5. College Management and Maintenance System
6. Office Paper less Automation and E-Circular
7. Indian Tourism Places and Show they Shortest Paths
8. Supermarket Inventory Control and Management System

**AREA OF SPECIALIZATION AND SUBJECTS TAUGHT**

1. Principles of Compiler Design 2. Data Structures and Algorithms

3. Data Mining and Warehousing 4. Object oriented Programming in C++

5. Software Engineering 6. Database Systems

7. Internet and JAVA Programming 8. Operating Systems

 9. Theory of Computation 10. Computer Networks

11. Software Testing 12.Computer Architecture

**ADDITIONAL RESPONSIBILITIES**

1. **Contribution to the College**
	1. College Event committee coordinator
	2. NAAC Steering Committee member
	3. College Autonomous Coordinator
	4. Advisory Committee member
	5. IQAC Coordinator
	6. Exam Cell Coordinator
	7. Chief Superintend for internal Examination
	8. Editor in College Academic Calendar
	9. Convener for stock verification
	10. NSS officer for Women wing
2. **Contribution to the Department**
	1. Member of Board of Studies
	2. Co-opted member for M.Sc Bioinformatics department
	3. NAAC and Autonomous coordinator
	4. Organizing committee member of various National conferences and Intellectual event “**Empower 2010**”
	5. Member in paper review committee of National conference “**NLCIC 2010**” &“**SNCIC 2011**”
	6. Editor of the department Magazine “**ISHARE”**
	7. Editor of College Magazine
	8. Editor in Best practices of the College
	9. Member of Parents Teachers Association
	10. Team Leader in Project Management
	11. Member of Department Placement cell
	12. Students Counselor
	13. Department Examination Coordinator
	14. Department Timetable Incharge
	15. Project Coodinator
	16. ICT-Academy Institutional Coordinator.
3. **IQAC Initiatives**
4. Organizational arrangements in Internal Quality Assurance Cell
5. To develop action plan for academic year
6. Organizing statutory body meetings.
	1. Board of studies
	2. Governing body
	3. Academic council
7. Work plans and responsibilities for autonomy
8. Improving infrastructural facilities.
9. Departmental interactions with IQAC
10. Annual Academic Audit
11. Research and development committee
12. ICT as teaching-learning process
13. Interaction with parents
14. Teaching plan and research activities.
15. Training of non-teaching staff for automation process
16. Mentoring system
17. Student orientation and bridge course activities
18. Feedback mechanism
19. Coaching and placement cell
20. Students as important stakeholders in quality initiatives
21. Accepting innovative ideas from faculties and students (if any)

# Computer Proficiency

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| **Operating System** | **:** | DOS, WINDOWS, UNIX, LINUX, OS/2, MAC, ANDROID |
| **Languages**  | **:** | FORTRAN, COBOL, PROLOG, C, C++, JAVA, Python |
| **GUI Languages** | **:** | Visual Basic, Visual FoxPro, Visual C++, C# |
| **Frontend Tools** | **:** | PHP, Python, Dot Net, J2EE |
| **Backend Tools** | **:** | Oracle, My SQL, MS Access |
| **Packages** | **:** | Photoshop, Flash, Dream Weaver, Maya, 3D MAX Studio, MS Office+ |
| **Others**  | **:** | Net Bean, Eclipse, Apache Tomcat,Win Runner, Load Runner, OpenProj, VMware. |

**EXAMINERSHIP**

1. Periyar University, Salem, UG / PG Examiner & M.Phil (CS) Guideship
2. Bharathiar University, Coimbatore, UG / PG Examiner
3. Bharathidasan University, Tiruchirappalli, M.Phil (CS) Guideship
4. SRM University, Chennai, UG/ PG Computer Science Question paper setter
5. [Avinashilingam University, Coimbatore](http://www.avinashilingam.edu/)**,** UG/ PG (CS) Question paper setter
6. SNR Sons College UG/ PG Computer Science Question paper setter and Examiner
7. Dr.N.G.P Arts and Science College,Coimbatore, UG/ PG (CS) Question paper setter
8. Sri Krishna Arts and Science College, Coimbatore, UG/ PG (CS) Question paper setter
9. Vellar College for Women, Erode, UG/ PG (CS) Question paper setter
10. Vivekanandha College of Arts and Science for Women(Autonomous), Thiruchengode, UG/ PG (CS) Question paper setter

**MEMBERSHIP OF PROFESSIONAL BODIES, SOCIETIES**

1. **CSTA**, New York 2. **IACSIT**,Singapore

3. **IAENG**, Hong Kong 4. **ACS,** Bangalore

5. **IJCSIS**,USA 6. **WASET**

7. **IJoAT**

**JOURNAL REVIEWER AND EDITORIAL BOARD**

1. Reviewer for “IJCSIS 2010 – 2011” Technical Committee in **International Journal of Computer Science and Information Security (IJCSIS), USA.**
2. Scientific and Technical Committee & Editorial Review board of **International Journal of Engineering and Natural Sciences, in World Academy of Science, Engineering and Technology (WASET).**
3. Reviewer for “IAENG 2010 – 2011” Technical Committee in **International Association of Engineers (IAENG), Hong Kong.**
4. Reviewer for “IJoAT 2010 – 2011**”** Technical Committee in International Journal of Advancement in Technology (**IJoAT).**
5. Reviewer for the International conference **ICMLC** Singapore.

**PUBLICATIONS**

1. Patent Published:3
2. International Journals: 20
3. International Journal Reviewer : 5
4. Books : 5
5. National Seminar: 5
6. Faculty Development Programme: 26
7. Personality Development Programme: 3
8. Workshops Attended: 12
9. Quiz: 37
10. Webinar:73
11. Training Programmes Attended : 4
12. National Conferences : 14
13. International Conferences : 15
14. Membership : 10

**PATENT PUBLISHED**

1. Capacity planning of parking management in smart cities through IOT and computer network system – 201941051196 -2021
2. Distributed Access Control Based on Proxy Signature -202141052194 – 2021
3. A cloud computing and IoT based water management system -202141054670 - 2021

**AWARDS RECEIVED**

1. Incredible Academician of India Award
2. Innovation Excellence Award 2021
3. Best NSS Officer Award

**RESEARCH JOURNAL PUBLICATIONS**

1. **“A RECURSIVE REGULARIZATION BASED FEATURE SELECTION FRAMEWORK FOR HIERARCHICAL CLASSIFICATION”** in The International Journal of Analytical and Experimental Model Analysis, UGC Care Group II Journal, published on June 2022. Volume XIV –, Issue – VI, ISSN: 0886- 9367.
2. **“A SECURE AND SEARCHABLE CP-ABE PRIVACY PRESERVING ALGORITHM”** in The International Journal of Analytical and Experimental Model Analysis, UGC Care Group II Journal, published on June 2022. Volume XIV –, Issue – VI, ISSN: 0886- 9367.
3. **“A ROBUST OPTIMIZATION TECHNIQUE FOR ENERGY COST MINIMIZATION OF CLOUD DATA CENTERS”** in The International Journal of Analytical and Experimental Model Analysis, UGC Care Group II Journal, published on June 2022. Volume XIV –, Issue – VI, ISSN: 0886- 9367.
4. “Multi-tier resource allocation technique based block chain-enabled industrial internet of things data transfer” in The International Journal of Analytical and Experimental Model Analysis, UGC Care Group II Journal, published on sep 2021. Volume VIII –, Issue – IX, ISSN: 0886- 9367.
5. “Authenticated key agreement protocol for chaotic-map based authenticated security framework” in The International Journal of Analytical and Experimental Model Analysis, UGC Care Group II Journal, published on sep 2021. Volume VIII –, Issue – IX, ISSN: 0886- 9367.
6. “Optimizing Non-Orthogonal Space Distance Using ACO In Software Cost Estimation” in Mukh Shabd Journal. UGC Care Group I Journal, Published on April 2020, Volume –IX, Issue – IV,ISSN: 2347- 3150.
7. “Production data based financial level analysis through recurrent neural based multivariate data selection algorithm using data mining application” published in National School of Leadership, Vol 8 , No. 2.3, Issue 7,OCT 2019
8. “Supervised QR algorithm to estimate the financial product data process time analysis based on online purchase details” published in National School of Leadership, Vol 8 , No. 2.3, Issue 7, OCT 2019
9. “Expected maximization algorithm to enhance the classification of enterprise financial management” published in National School of Leadership, Vol 8 , No. 2.3, Issue 7, OCT 2019
10. “Classification of educational income-based financial level analysis in the design of recurrent Naive Bayes algorithm using data mining application” published in National School of Leadership, Vol 8 , No. 2.3, Issue 7,OCT 2019
11. “ApriorC4.5 data mining algorithm for enhance the network-based intrusion detection in financial data” published in National School of Leadership, Vol 8 , No. 2.3, Issue 7, OCT 2019
12. “ASSOCIATIVE SUBSET-BASED DEEP NEURAL NETWORK TO ASSESS THE RISK OF FINANCIAL CLASSIFICATION UNDER DATA MINING APPROACH.” published in National School of Leadership, Vol 8 , No. 2.3, Issue 7, OCT 2019
13. “EXPECTED MAXIMIZATION ALGORITHM TO ENHANCE THE CLASSIFICATION OF ENTERPRISE FINANCIAL MANAGEMENT” published in National School of Leadership, Vol 8 , No. 2.3, Issue 7, OCT 2019
14. “LOGISTIC REGRESSION BASED SEQUENCE CLUSTERING ALGORITHM FOR FINANCIAL RISK ANALYSIS WEB MINING” published in National School of Leadership, Vol 8 , No. 2.3, Issue 7, OCT 2019
15. “ADABOOST RANDOM FOREST OPTIMAL SELECTION ALGORITHM STUDY ON THE FINANCIAL STATEMENT BASED EMOTIONAL LEVEL ANALYSIS USING DATA MINING APPROACH” published in National School of Leadership, Vol 8 , No. 2.3, Issue 7, OCT 2019
16. “GREY DEEP NEURAL NETWORK-BASED DATA ANALYSIS FOR FINANCIAL REPORTS IN TEXT MINING APPLICATIONS” published in National School of Leadership, Vol 8 , No. 2.3, Issue 7, OCT 2019
17. “Mining Based ID3 Maximum Multifactor Dimensionality Posteriori Method for Efficient Survival on Financial Time Series Detection” published in National School of Leadership, Vol 8 , No. 2.3, Issue 7, OCT 2019
18. “An Enhanced Job Scheduling Policy for the Cloud Environment to Achieve Optimal Solution for Low Task Low Resource Classification” published in Eurasian Journal of Analytical Chemistry(EJAC) on 2018, ISSN 1306 3057
19. “Probability Distribution based Job Scheduling in cloud environment to produce effective solution” published in Eurasian Journal of Analytical Chemistry(EJAC) on 2018, ISSN 1306 3057
20. “ Recitation of Load Balancing Algorithm in Grid Computing Environment using policies and strategies- An approach Published in the International Journal of Scientific and Engineering Research (IJSER), USA, Published on March 2011, volume 2 , issue 3 ***Online:* ISSN: 2229-5518**
21. “Color Image Segmentation”, Published in the International Journal of Scientific and Engineering Research (IJSER), USA, Published on January 2011, ***Online:* ISSN: 2229-5518**
22. **“**Computer Aided screening for early detection of Breast Cancer using BRCA Gene as an indicator”, IJSER International Journal for Scientific Engineering & Research, December 2010. ***Online:* ISSN: 2229 5518**
23. “Resource Allocation in Genetic Algorithm”, IJSER International Journal for Scientific Engineering & Research, November 2010. ***Online:* ISSN: 2229 5518**

**BOOKS PUBLISHED**

1. S.Ranichandra, 2010, **Data Mining & Warehousing**, [First Edition], Thooral Pathippagam, Salem. **ISBN: 978-81-908014-9-2**
2. S.Ranichandra, 2010, **Fundamentals of Information Technology**, [First Edition], SSR Publication, Salem. **ISBN: 978-81-908850-2-7**

**INTERNATIONAL CONFERENCES PAPER PRESENTED**

1. IEEE International Conference on Emerging Technologies and Applications for a smart and sustainable world (ICEmTASS’21) entitled “BREAST CANCER IMAGE SEGMENTATION AND CLASSIFICATION USING 2C ALGORITHM” held at National Engineering College , Kovilpatti from 16.12.2021 to 18.12.2021.
2. IEEE International Conference on Emerging Technologies and Applications for a smart and sustainable world(ICEmTASS’21) entitled “DEEP LEARNING APPROACH FOR CREDIT CARD FRAUD DETECTION” held at National Engineering College , Kovilpatti from 16.12.2021 to 18.12.2021.
3. IEEE International Conference on Emerging Technologies and Applications for a smart and sustainable world(ICEmTASS’21) entitled “QUANTIFYING SERVICE ORIENTED MOBILE HETEROGENEITY BASED CMA CLOUDLETS TAXONOMIES’ held at National Engineering College , Kovilpatti from 16.12.2021 to 18.12.2021.
4. IEEE International Conference on Emerging Technologies and Applications for a smart and sustainable world(ICEmTASS’21) entitled “EFFICIENT QUERY OPTIMIZATION USING DAMPING FACTOR PAGE RANKING SCHEME IN PUBLIC CLOUD APPLICATIONS” held at National Engineering College , Kovilpatti from 16.12.2021 to 18.12.2021.
5. IEEE International Conference on Emerging Technologies and Applications for a smart and sustainable world(ICEmTASS’21) entitled “GREY DEEP NEURAL NETWORK-BASED DATA ANALYSIS FOR FINANCIAL REPORTS IN TEXT MINING APPLICATIONS” held at National Engineering College , Kovilpatti from 16.12.2021 to 18.12.2021.
6. IEEE International Conference on Emerging Technologies and Applications for a smart and sustainable world(ICEmTASS’21) entitled “SECURE AND EFFICIENT DATA CLUSTERING AND CLASS IFICATION USING XOR ALGORITHM” held at National Engineering College , Kovilpatti from 16.12.2021 to 18.12.2021.
7. **International Conference on Network and Computer Science (ICNCS 2011)** entitled “**A New Approach for Tamil Search Engines using Web Communities**”, held at **Kanyakumari**, from 8th to 10th April 2011.
8. **International Conference on Computer Applications and Recent Trends in Digital Animation Industry** entitled “**3D Technolgy**”, held at **Coimbatore**, on 10th Jan 2011.
9. **International Conference on Mathematics and Computer Science (ICMCS 2011)**entitled “**An Emerging Analysis of Decision Tree Algorithms in Data Mining**”held at **Loyola College**, **Chennai**, from 7th to 8th January 2011.
10. **International Conference on Systemics, Cybernetics and Informatics (ICSCI-2011)**, entitled “**Comparative study of ACO with Grid Scheduling Algorithms – An approach**”held at **Pentagram Research**, **Jubilee Hills**, **Hyderabad**, from 5th to 8th January 2011.
11. **International Conference on Systemics, Cybernetics and Informatics (ICSCI-2011)**, entitled “**Laplacian of Gaussian Filter and Watershed Algorithm in Early Detection of Breast Cancer**”held at **Pentagram Research**, **Jubilee Hills**, **Hyderabad**, from 5th to 8th January 2011.
12. **International Conference on Systemics, Cybernetics and Informatics (ICSCI-2011)**, entitled “**Texture Analysis in Digital Mammograms Using a Reduced Run-Length Method**”held at **Pentagram Research**, **Jubilee Hills**, **Hyderabad,** from 5th to 8th January 2011.
13. **International Conference** on **“Demand Computing" ICODC- 2010”** entitled “An experimental study of performance of load balancing in distributed computing using multiagents”, at Oxford Engineering College,Hosur Road, Bangalore. 3rd & 4th Nov 2010.
14. **International Conference** on **“Computer Applications & Information Technology.”** entitled “Analysis of PDE based Image Segmentation”, at Hindusthan College of Arts & Science, Coimbatore. 3rd Sep 2010 with **ISBN: 978-81-909890-0-8.**
15. **International Conference** **“Future Scenario of IT”** entitled “Wavelet Based Enhancement of Ultrasound Breast Images” held at Dhanalakshmi Srinivasan College of Arts and Science, Perambalur, 1st Sep 2006.

**NATIONAL CONFERENCES PAPER PRESENTED**

1. **“Artificial neural network in the diagnosis of thyroid”** in **“Second National Conference on** **Intelligent Computing 2011**”, held at K.S.Rangasamy College of Arts and Science, Tiruchengode, on 29th & 30th March 2011.
2. **“A study on reactive routing protocol based on single path and multipath technique in MANET”** in **“Second National Conference on** **Intelligent Computing 2011**”, held at K.S.Rangasamy College of Arts and Science, Tiruchengode, on 29th & 30th March 2011.
3. “**Challenges in Mobile Computing**” in National Seminar on “**Recent Trends in Computer Technologies - Techno Grid 2010**”, held at Vivekanandha College of Arts and Sciences for women, Tiruchengode, on March 2010.
4. **“On the Scalability of the ADHOC Networks: A Traffic analysis at the center of a network”** in National Conference on “**Recent Trends in Computer Technologies - Techno Grid 2010**”, held at Vivekanandha College of Arts and Sciences for women, Tiruchengode, on March 2010.
5. “**A Mobile differentiated Services QOS model**” in National Seminar on “**Recent Trends in Computer Technologies - Techno Grid 2010**”, held at Vivekanandha College of Arts and Sciences for women, Tiruchengode, on March 2010.
6. “**Networks**” in National Conference on “**Advanced Trends in Information Technology – Softglow’10**”, held at Sengunthar Arts and Science College, Tiruchengode, on March 2010.
7. “**ASAP – An Adaptive QOS Protocol for Mobile AD-HOC Networks**” in National Conference on “**Advanced Trends in Information Technology – Softglow’10**”, held at Sengunthar Arts and Science College, Tiruchengode, on March 2010.
8. “**Segmentation of the breast region in mammograms using a rule based fuzzy reasoning algorithm**”, in the National conference on “**current trends in computer applications**” held at Muthayammal College Rasipuram, on March 2009
9. “**Active Region Segmentation**”, in National Conference on “**Current Trends in Computing**” held at Krishna College, Coimbatore, on March 2009.
10. “**An expert image processing system on template matching Sequential**”, in National Seminar on “**Bio-Computing**” held at Periyar University, Salem, on March 2009.
11. “**Sequential Pattern mining using a bitmap representation**”, in National level conference on “**frontiers in IT**” held at Perambalur on Feb’09.
12. “**A heuristic search algorithm for empire based games**”, in National level conference on “**frontiers in IT**” held at Perambalur on Feb’09.
13. “**An automated computer aided breast cancer detection system**”, in National level conference on “**frontiers in IT**” held at Perambalur on Feb’09.
14. “**Enhancement of mammography images using Fuzzy Weighted Median Filter**” in National Seminar on “**Pattern Recognition**”, held at Periyar University, Salem, on Oct 2008.

**NATIONAL SEMINAR ATTENDED**

1. National Seminar on “**Research in Computers: Why, What and How?”** held at Bharathiar university, Coimbatore on 13th December 2010.
2. National Seminar on “**Issues in Higher Education**” held at Dr.N.G.P Arts and Science College, Coimbatore on 29th Oct 2010.
3. National Seminar on “**Recent trends in Computing**” held at Periyar University, Salem 28th Oct 2006.

**SHORT TERM COURSES / TRAINING PROGRAMME ATTENDED**

1. Undergone the *Training* on “**Datamining Tools- WEKA**”, held at K.S.Rangasamy College of Arts and Science,Thiruchengode, on 23rd July, 2011.
2. Undergone the *Training* on “**Skilledge - OOPs using C++**”, conducted by ICT Academy of Tamil Nadu between 20th and 21st June 2011.
3. Undergone the *Training* on “**Linux, Appache, MySQL, PERL**”, held at Kathir College of Engineering, Coimbatore, **LinuXpert System**, Chennai, from 6th to 7th December 2010.
4. Attended the *Instructional course* on “**Design and analysis of algorithm**”, Sponsored by IARCS, held at **K.S.R College of Arts and Science**, Tiruchengode, from 18th to 19th October 2008.

**FACULTY DEVELOPMENT PROGRAM ATTENDED**

1. Participated in the ***Faculty Development Program on “DAWN A NEW ERA: A PARADIGM SHIFT IN THE NEW NORMAL ”*** on ***1th - 04th JULY 2020 at Women’s chistian college ,*** Chennai .
2. Participated in the ***Faculty Development Program on “DATA SCIENCE ”*** on  ***1st - 30th JUNE 2020 at Andhra Pradesh state skill development corporation ,***Andhra Pradesh .
3. Participated in the ***Faculty Development Program on “MENTAL WELLBEING IN PERSONAL AND PROFESSIONAL LIFE ”*** on  ***28th JUNE 2020 at Nehru institute of management studies,*** Coimbatore .
4. Participated in the ***Faculty Development Program on “CYBER SECURITY ”*** on ***19th - 24th JUNE 2020 at Supraja Technologies ,*** Hyderabad .
5. Participated in the ***Faculty Development Program on “PHP-MYSQL ”*** on  ***17th – 22nd JUNE 2020 at J D College of Engineering & Management ,***Nagpur .
6. Participated in the ***Faculty Development Program on “MASTERING THE MIND FOR CONQURING THE WORLD ”*** on  ***17th JUNE 2020 at Nehru institute of management studies ,*** Kerala .
7. Participated in the ***Faculty Development Program on “RESEARCH TRENDS IN IMAGE PROCESSING ”*** on  ***15th - 19th JUNE 2020 at Gates institute of Technology ,***Andhra pradesh .
8. Participated in the ***Faculty Development Program on “NEW AGE TEACHING ”*** on  ***15th - 19th JUNE 2020 at Patrician college of arts and science ,*** Chennai .
9. Participated in the ***Faculty Development Program on “WOMEN’S HEALTH AND WELL BEING ”*** on  ***8st - 10th JUNE 2020 at PES Institute of advanced management studies& counseling cell ,***Shivamogga .
10. Participated in the ***Faculty Development Program on “ARDUINO ”*** on ***8th - 12th JUNE 2020 at Sri kalishwari college ,*** Sivakasi .
11. Participated in the ***Faculty Development Program on “INTRODUCTION TO VIRTUALIZATION USING VMWARE AND ROBOTICS PROCESS AUTOMATION USING UIPATH ”*** on ***5th & 6th JUNE 2020 at St. Claret college,*** Bangalaru .
12. Participated in the ***Faculty Development Program on “ONLINE FACULTY DEVELOPMENT WEBINAR-LEARNING MANAGEMENT SYSTEM: MOODLE ”*** on  ***4th JUNE 2020 at Hindusthan college of Arts and Science ,*** Coimbatore .
13. Participated in the ***Faculty Development Program on “TOOLS FOR SCIENTIFIC COMMUNICATION AND EFFECTIVE TEACHING ”*** on ***2th - 6th JUNE 2020 at Vaagdevi college of engineering ,*** Warangal .
14. Participated in the ***Faculty Development Program on “ENGINEERING EDUCATION & THE INDUSTRY: A POST COVID – 19 PERSPECTIVE ”*** on ***1st-5th JUNE 2020 at Rajiv gandhi institute of Technology,*** Mumbai .
15. Participated in the ***Faculty Development Program on “EFFECTS OF COVID-19 ON INDIAN BUSINESS & POST STRATEGY ”*** on ***1st & 2rd JUNE 2020 at Nift-tea college of knitwear fashion*** .
16. Participated in the ***Faculty Development Program on “INNOVATIONS IN DIGITAL EDUCATIION WITH TECHNOLOGY ”*** on ***29th MAY 2020 at Government first grade college,*** Bangaluru .
17. Participated in the ***Faculty Development Program on “ETHICAL HACKING AND PENETRATION TESTING ”*** on ***28th -30th MAY 2020 at Sri M Visvesvaraya Institute of Technology,*** Bangaluru .
18. Participated in the ***Faculty Development Program on “ACADEMIC PROCESS,MEASURES AND METRICS FOR NAAC ACCREDITATION ”*** on ***25th -27th MAY 2020 at Srinivasan college of arts and science ,*** Perambalur .
19. Participated in the ***Faculty Development Program on “HIGHER EDUCATION IN THE VUCA WORLD ”*** on ***28th MAY 2020 at Nirmala college for women(A),*** Coimbatore .
20. Participated in the ***Faculty Development Program on “NEVER STOP IMPROVING YOURSELF: INVEST YOURSELF”*** on ***26th* & *7th JUNE 2020 at Nehru Institute of Management Studies,*** Coimbatore 105.
21. Participated in the ***Faculty Development Program on “CYBER SECURITY AND MALWARE ANALYSIS”*** held on ***26th* & *27thMay 2020 at CMR Engineering College, Hyderabad 401.***
22. Participated in the ***Faculty Development Program on “CYBER SECURITY ”*** on  ***23th -27th MAY 2020 at Srinivasa ramanujan institute of technology(A),*** Ananthapuramu .
23. Participated in the ***Faculty Development Program on*** “**new approaches in sports training methods** ” held on ***20rd May 2020***at ***Sri Ramakrishna Mission*** Vidyalaya college of Arts and Science(A), Coimbatore-20.
24. Participated in the ***Faculty Development Program on “GET READY TO THE BEST ECONOMIC BATTLE – INDIA 2020”*** held on ***12th May 2020***at Nehru College of Arts and Science , Coimbatore 105.
25. Participated in the ***Faculty Development Program on*** “**Excellence in Research and publication**” held on ***23rd March 2013***at ***Kathir College of Engineering***, Coimbatore.
26. Participated in the ***Two Days Faculty Development Program on*** “**Tools & Programming in MATLAB**” held from ***17th to 18th February 2012***at ***Kathir College of Engineering***, Coimbatore.

**WORKSHOPS ATTENDED**

1. Workshop on **“NATIONAL LEVEL ONLINE TECHNICAL WORKSHOP ON MATLAB FOR BEGINNERS”** held at , Government College of Arts And Science, Thiruvannamalai 408,held on 20th June 2020.
2. Workshop on **“COMPETENCY AND CAREER OPPORTUNITIES”** held at ,Shasun Jain College For Women , Chennai 17 ,held on 4thJune 2020.
3. Workshop on **“ECONTENT DEVELOPEMENT WORKSHOP FOR TEACHERS”** held at , K.K Wagh Polytechnic Nashik, held on 1st &2nd June 2020.
4. Workshop on **“IMAGE CLASSIFICATION USING MATLAB”**held at , JAIN Deemed University, Bangalore, held on 24thMay 2020.
5. *Three days State Level Workshop on* “**Theory of computation**”**,** held at **Velalar College of Engineering and Technology**, Erode, from 2nd to 4th December 2010.
6. Workshop on **“Web 2.0 Tools and RIA”** on 27th & 28th Aug 2010 at V.L.B.Janakiammal College of Engineering & Technology, Coimbatore.
7. *Work shop* on “**Simplified Enterprise Applications Learning (SEAL)”** held at, Anna University, Chennai, Nov 2009.
8. *Workshop* on **“QualNet”,** held at K.S.R College of Engineering, Tiruchengode, on 24th March 2009.
9. *Workshop* on **“Datamining using Memetic Algorithms**” held at, Periyar University, Salem 3rd Oct 2008.
10. *Workshop* on **“Datamining using Rough Set theory”** held at, Periyar University, Salem 3rd Mar 2007.
11. *Workshop* on **“Pattern Recognition”** Periyar University, held at Salem 1st Sep 2007
12. *Workshop* on **“Mammogram Image Processing and Analysis”** Periyar University, held at Salem 26th Nov 2006.

**GUEST LECTURES GIVEN**

1. Workshop on **“Web Designing ”** for Faculty members of Dhanalakshmi Srinivasan College of Arts and Science( Autonomous), Perambalur.
2. Guest Lecture on **“Data Structures and Algorithms”** for Undergraduate students of K.S.Rangasamy College of Arts and Science, Thiruchengode.
3. Guest Lecture on **“Personality Development”** for the students of K.S.Rangasamy College of Arts and Science for women, Thiruchengode.
4. Organized hands on Training on **“ OOPs with C++”** for Undergraduate students of K.S.Rangasamy College of Arts and Science, Thiruchengode.
5. Given an invited talk on” **Women Empowerment**” to the village people during the NSS camp in the near by village, Kalevelampalayam, Thiruchengode.
6. Organized “**Career Guidance Programme**” for the students of K.S.Rangasamy College of Arts and Science for women, Thiruchengode.
7. Addressed the Self Help Groups members on **“Money Saver Schemes and Investments”** of Sengunam Village, Perambalur.

**EXTENSION ACTIVITIES 2 + years**

As an NSS Officer of Women’s wing, I have organized and also participated in all the programmes with the support and help of the rest of the NSS Officers of our institution.

**Regular Activities**

1. Orientation for NSS Volunteers
2. Personality Development Programme
3. Career Guidance Programme
4. Awareness Programme
	* 1. AIDs
		2. Environmental pollution
		3. Eradication of Viral diseases (Malaria, Dingo…)
		4. Fire Safety
		5. Road Safety/ Traffic Control
		6. Consumer Awareness
		7. Human Rights
		8. Blood Donation Camp
		9. First Aid
		10. Leadership Quality
		11. Plastic Eradication
		12. Global Warming

**Special Camp**

1. Tree Plantation
2. Health and Sanitation
3. **Money Saving Scheme Programme**
4. **Literacy**
5. General Medical Camp
6. Veteneray Medical camp
7. Agricultural Development
8. Environmental Awareness programme
9. Global Warming
10. Disaster Risk Management Programme

**Programmes for society**

* 1. AIDS awareness Rally
	2. Medical camp( General & Dental)
	3. Blood Donation camp
	4. Tree Plantation
	5. Literacy
	6. Strengthening the self-help groups
	7. Plastic eradication
	8. Anti Tobbaco awareness
	9. Awareness programme on Health and sanitation
	10. Nutrition & Hygiene to school Children
	11. Special Computer coaching for Government school students of Thiruchengode, Namakkal District.

**Resource Persons**

1. **Dr.V.Prakash**

Chief Medical Officer

Government Hospital

Thiruchengode**.**

1. **Dr.M.Saravanan**

Child specialist,

Government Hospital

Thiruchengode.

1. **Dr.R.Rajkumar**

General Surgeon,

Government Hospital

Thiruchengode.

**PERSONAL INFORMATION**

Gender : Female

Date of birth/Age : 23rd Aug 1978 / 42- Years

Community/Caste : Backward Class (BC) / Nathaman Udaiyar

Religion/Nationality : Hindu / INDIAN

Languages known : Tamil, English, Urudu ( to speak)

Marital Status : Married

Name of the Spouse : **Mr.N.VENKATACHALAM., M.Com., D.Cop,.**

Name of the Child : **Baby. V.R.AADHARSHINI, V.R.AMRISH**

Name of the Parent : **Mr. K.V.SUBBIAH & Mrs.S.MALLIKA**

Communication Address

Present Address Door No 301, Ground Floor,

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Vadakku Madhavi Road

Perambalur - 621212

Tamil Nadu, INDIA.

Mobile: +91-9842653532

Permanent Address No 21, Middle Street,

 Sengunam(Po)

 Perambalur Dt,

Perambalur - 621220

**TEACHING STATEMENT**

It is my belief that teaching is an honor and one of the best opportunities to provide service to the society. Because I have got a thought provoking statement from one of my teacher’s profile that “professor who is teaching alone is only one third of the teacher. A professor who is teaching and doing research will be the two third of the teacher. A professor who is teaching, doing research and extending what he has learned and researched for the betterment in the lives of millions of people is a full-fledged professor”. My objective is also to become a full-fledged professor.

During my tenure as a teacher, I am sincerely caring my students, maintaining healthy relationships, finding out their personal interests, academic goals, strengths & weaknesses. As a student counselor of the department, often I counsel the students in critical situations by listening to their concerns. I am still successful in moulding the personality of my students by enriching their knowledge in their relevant domain and also motivating them to acquire both technical and managerial skills and more specifically by training the students with Soft skills. Being the class advisor I have been the mentor for students and help them in crafting their career proving that I am not a teacher but an awakener.

 Being an NSS Officer, I have been recognized not only names and faces but also as a service provider to the society by keeping in mind the motto ”Not Me, But You”. So I always feel happy to teach and work with young minds. Once we ignite the spark in young minds they will catch it up and would travel an extra mile.

**REFERENCES**

**1.Dr. N.Kannan, Dean**,

**Academic Affairs & Controller of Examinations**

Dr.N.G.P Arts and Science College

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Tamil Nadu, India

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Mobile: 9894955557

**2.Dr. R.Pugazendi, Associate Professor,**

 Department of Computer Science

Government Arts College,

Salem - 636007

Tamil Nadu,India

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Mobile: 9443548034

**3.Dr.P.Sumitra, Assistant Professor,**

Department of Computer Science

Vivekananda College of Arts and Science for Women (Autonomous)

Ellampillai, Thiruchengode – 637215

Tamil Nadu,India

E-mail: sumitravaradharajan@gmail.com

Mobile: 9487502154

**DECLARATION**

I hereby declare that all the statements made in this resume are true and complete to the best of my knowledge and belief.

Place: Perambalur

Date: 07.06.2022 (**S.Ranichandra)**