**Dr. M.Vasantha  ME, M.C.A., M,Phil.,  Ph.D,**
**No.4 , Annai Teresa Street,Lakshmi Nagar**          **Mobile:9884759409**
**Pattabiram Post, Chennai-72**                          **Email:vasanthham@gmail.com**

## OBJECTIVE

To make a significant difference in my chosen field of work by working with sustained intensity and passion, having $25$(twenty five) years of teaching experience from   Madras university and Anna University affiliated institution**.**

## EDUCATIONAL QUALIFICATION

- ❖ **Ph.D(Computer Science)**
  Mother Teresa University, Kodaikanal, Tamil Nadu
  Year of Degree awarded    : February 2015

- ❖ **ME(Computer science and Engineering)**
  **Anna Univesity**
  **Year of degree awarded   :2010**
  **Class obtained: I Class with Distinction**

- ❖ **M.Phil.,(Computer Science)**
  Mother Teresa University,
  Kodaikanal, Tamil Nadu
  Year of Degree awarded    : January 2001
  Class obtained: First class

  **MCA(Computer Applications)**
  Alagappa university
  Karaikudi
  Class obtained: First class

## PROFESSIONAL EXPERIENCES

- ❖ **Worked as Lecturer in A.V.C College, Mayiladuthurai for  6 months.**
- ❖ **Having 12 years experience in Madras University affiliated colleges and 8 years worked as HOD of computer science**
- ❖ **Worked as senior lecturer in Easwari engineering college for 2 years**
- ❖ **Worked as HOD in-charge in St.Peters University Avadi, for a period of 5 years.**
- ❖ **Worked as Assistant professor in CSE Dept at  Aalim Muhammed Saleigh College of Engineering from June 2012 to 2016.**

❖ **Working as Associate professor and HoD in BCA and M.Sc (IT) Department from 2.7.2016 to till date.**

➢ **Subjects Handled**

      i)      **Data mining**
      ii)      **Data visualization**
      ii)      **Cloud computing**
      iii)     **Computer networks**
      iv)     **Data Structures and algorithms**
      v)      **Operating Systems**
      vi)     **Data base management  system**
      vii)    **Software Engineering**

## AWARENESS AREAS

**I am aware in following areas**

| | | |
|---|---|---|
| ❖ | **Languages &Front End** | Python, R, C, C++, Rational Rose, VB, java. |
| ❖ | **Backend** | SQL, MS Access |
| ❖ | **GUI Tools& Packages** | Html, MS Office, WEKA |
| ❖ | **Operating System** | Windows 9x, XP, 2000.Linux |

## AREA OF INTEREST

❖ **Data Mining**
❖ **Image Processing**
❖ **Software Engineering**
❖ **Computer Networks**
❖ **Project development**

## LIST OF PUBLICATIONS

### International journal publications

1. **M.Vasantha, Dr.V. Subbiah Bharathi, *"Classification of  Mammogram Images using hybrid features"* , published in *European Journal of Scientific Research,* ISSN NO. 1450-216X (Scopus Indexed ,  Anna University, Chennai,  Referred Journal).**

2. **M.Vasantha, Dr.V. Subbiah Bharathi , "Medical Image Feature, Extraction, Selection And Classification",published In *International Journal of Engineering Science and Technology(IJEST)*, ( ISSN NO 0975-5462)Vol. 2(6), 2010, 2071-2076.**

3. **M.Vasantha, Dr.V. Subbiah Bharathi , "Evaluation of Attribute Selection Methods with Tree based Supervised Classification- A Case Study with Mammogram Images",  published in**

*International Journal of Computer Applications(IJCA) ( ISSN NO.0975 – 8887)Volume 8– No.12, October 2010 (Impact factor 0.835).*

4.  M.Vasantha, Dr.V. Subbiah Bharathi, "Medical image classification" accepted in *International journal of Computer Science and Network Security*, ISSN NO 1738-7906.

5.  V. Stella mary, Dr. M.Vasantha , "Cloud based approach for finding, collecting and transporting waste" published in International Journal of Scientific Research in Engineering and Management (IJSREM) Volume: 05 Issue: 08 | Aug - 2021 ISSN: 2582-3930

6.  V. Stella mary, M. Vasantha , "Machine learning Solution for Detecting network Attacks" Volume 3, published in International Journal of Advances in Engineering and Management (IJAEM), Issue 8 Aug 2021, pp: 1384-1388 , ISSN: 2395-5252

## Conferences (International)

1. M.Vasantha, Dr.C.R.Renerobin , "A survey on Digital Mammogram images Preprocessing Techniques*"* in *International Conference on Emerging Trends in Computer technologies* organized by CSE Department , Nehru College Of Engineering, Coimbatore, India ,January , 2015.

2. M.Vasantha, Dr.V. Subbiah Bharathi , "Feature Extraction and selection for mammogram images*"* in *International Conference on Advances and Emerging Trends in computer technologies* organized by School of Computing , SRM University, Chennai,India from 21$^{st}$ June to 24$^{th}$ June , 2010.

3. M.Vasantha, Dr.V.Subbiah Bharathi , "Feature Extraction and selection for medical image –A hybrid approach" in *International Conference on Computer Applications*,organized by Technoforum, Pondichery held on Dec. 24$^{th}$ -27$^{th}$ , 2010

4. M.Vasantha, Dr.V.Subbiah Bharathi, " An Efficient Method for Medical Image Data Mining", in *International conference on Mathematics and Computer Science*, *organized by* ICMCS 2011 , Loyolla College, Chennai held on Jan 7$^{th}$ and 8$^{th}$ , 2010.

5. M.Vasantha, Dr.V.Subbiah Bharathi, "Automatic Detection of Masses in Digital Mammograms- A Novel Approach*",* in *International conference on Information, Communication and Embedded Systems"*, ICICES'11 organized by S.A. Engineering College, Chennai on 23$^{rd}$ and 24$^{th}$ Feb 2011.

## Conferences (National)

1. **M.Vasantha, Dr.V.Subbiah Bharathi,** *Mammogram Images classification and severity determination* **on Proceedings of the 3rd National Conference on "Recent Trends and Technologies in Soft computing" St.Peter's University,Chennai, 20th April 2011.**

2. **M.Vasantha, Dr.V.Subbiah Bharathi,** *Data Mining Classification Using Ant Colony Optimization* **on Proceedings of the National Conference on "Computational Systems and Information Security", P.B.College of Engineering, 4th January 2009.**

3. **M.Vasantha , Dr.V.Subbiah Bharathi ,** *Image Processing Techniques of Mammograms – A Review***, National Conference on Recent Trends & Technologies in Soft Computing", NCRTSC'08 , St.Peter's Engineering College, Chennai, 7th May'08.**

## Conferences/Workshops/Seminar/Webinars Participated

1. Participated in Workshop on "Cognition of the power of the power of ChatGPT and Generative AI "on 30th August 2023 organized by DRBCC Hindu College Chennai-72..

2. Participated in Workshop on "Distruptive Technology" from 20/03/2023 to 24/03/2023 organized by Sri Kanyaka Parameswari Arts & Science College For Women, Chennai

3. Participated in Workshop " Enhancing the resilience of teachers for better performance" on 12th September 2020 organized by Bhaktavatsalam memorial college for Women.

4. Participated in International Webinar "Cloud Computing" on 15th June 2020 organized by Bhaktavatsalam Memorial College for Women, Chennai.

5. Participated in webinar "Blockchain Technology" on 9th June 2020 organized by Bhaktavatsalam Memorial College for women, Chennai

6. Participated in International Webinar "Data engineering and Analytics " on 6th June 2020 organized by Bhaktavatsalam Memorial College for Women, Chennai.

7. Participated in webinar "3Q's for success" on 1st June 2020 organized by Bhaktavatsalam Memorial College for Women, Chennai.

8. Participated in international webinar "Data Analytics" on 9th July 2020 organized by Bharathi Women's College , Chennai.

9. Participated in webinar "IOT challenges" on 30th May 2020 organized by Bhaktavatsalam Memorial College for Women, Chennai.

## CREDITS

- **Life Time Member in ISTE**
- Organized national Technical Symposium at Easwari Engineering College in dept of MCA
- Organized national conference at St.Peter's University Engineering in the school of computing.
- Organized Research methodology workshop at St.Peter's University Engineering in the School of computing.

- Acting as **HoD for UG and PG Departments**
- Acted **as Exam cell** coordinator.
- Acted as **Industrial visit co-ordinator**
- Acted as **Project Co-ordinator**
- Acted as **Exam cell in charge**
- Acted as Chief Superintendent for conducting university Exams

## PERSONAL STRENGTHS

- Hardworking, motivating and confident person.
- Possess good Presentation and communication skills.
- Possess good attitude and aptitude.

## Salary

- **Expected Salary As per UGC Norms.**

## PERSONAL PROFILE

| | |
|---|---|
| **Date of Birth** | : 27-07-1968 |
| **Gender** | : Female |
| **Marital Status** | : Married |
| **Languages Known** | : English, Tamil. |
| **Husband's Name** | : K. Chandrasekaran |
| **Nationality** | **:** Indian |

# DECLARATION

I hereby declare that the details furnished in this resume are true to the best of my knowledge.

**Place**   : Chennai-72                                                    (M.Vasantha)