CURRICULAM VITAE

V.GAYATHIRI MCA., M.PHIL., B.ED., (PH.D)

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I. SUMMARY:

➤ Working as an **Assistant Professor in G.T.N College of Arts and Science**, Dindigul(JUNE 2014 TO TILL DATE, 4 years of Experience).

➤ Worked as a **Programmer in Barathidasan University** on Consolidated pay(JUNE 2006 TO MARCH 2009)

➤ **Pursuing Ph.D** in the area of Medical Data Mining in Bharathidasan University, trichy.(Ref.No.16688/Ph.D/computer science/P.T/july 2016)

➤ Has expertise particularly in Data Mining, Image Mining, Java, JDBC, Servlets, JSP, VB.NET, HTML, C, C++, Oracle databases.

II. EDUCATION:

➤ **Master of Computer Applications(M.C.A)**(71% - 2006 , Anna University, Chennai)
➤ **Master of Philosophy in Computer Science (M.Phil)**(66%-2011,Prist University, Thanjavur)
➤ **Bachelor of Education in Computer Science (B.Ed)**(65%-2012,Tamilnadu Teachers Association University, Chennai)
➤ **Bachelor of Science in Computer Science(B.Sc(CS))** (65% - 2003, MK University, Madurai)
➤ **Higher Secondary** (82% - 2000,MVM. Metric Higher Secondary School, Dindigul.)
➤ **Secondary School** Leaving Certificate**(SSLC)** (81% - 1998 – Our Lady Hr. Sec. School, Dindigul.)

III. CERTIFIED COURSES :

➤ **Microsoft Technology Associate** for Software Development,Feb,2017
➤ **3D ANIMATION** by PPV Technology Private Limited,Feb,2017.
➤ **The Complete Visual Basic 6.0 course** in Computer Software College, Dindigul.
➤ **Diploma in Java 2 Enterprise Edition (J2EE)** in CADD CAE Centre, Dindigul.

IV. JOB EXPERIENCE :

Extensive experience in handling subjects for **UG** under
Madurai Kamaraj University, Madurai like,

U G :
- C & C++ Programming Language
- Data Structures and Algorithms
- Digital and Computer Fundamentals
- Database Management System
- System Software
- Compiler Design
- Software Engineering
- Cryptography
- Multi Media and it's applications
- Visual Programming
- Digital Image Processing
- Data Structures
- Microprocessor
- Operating Systems

V. RESEARCH INTEREST:

- Data Mining
- Image Mining
- Text Mining
- Big Data
- Cloud Computing
- Cryptography
- Computer Networking.

VI. TECHNICAL SKILL SET:

- MATLAB,Python,J2EE (Servlets, JSP, EJB), Java 2.0, C, C++, VC++, HTML,Javascript,
- PHP,VB.NET , Oracle, Unix and Ms-Office.

VII.PAPER PUBLISHED:

- *(2018)* ***"Feature Extraction Approaches Based On Skin Cancer Detection"*** *International Journal of Creative Research Thoughts(* **IJCRT)** *[Vol 6, Issue 2 April 2018 ISSN: 2320-2882]*
- *(2017)* ***"Automatic Quantification Of Skin Cancer ",****International Research Journal of Engineering and Technology***(IRJET) Volume: 04 Issue:04 (e-ISSN: 2395 -0056, p-ISSN: 2395-0072)Journal IF: 5.181**
- *(2017)* ***"Melanoma Detection Through K-Means Segmentation And Feature Extraction"*** *International Research Journal of Engineering and Technology***(IRJET) Volume: 04 Issue: 05 (e-ISSN: 2395 -0056, p-ISSN: 2395-0072) Journal IF: 5.181**
- *(2014)* ***"A Study of Image Segmentation using Thresholding Technique on a Noisy Image"*** *, Singaporean Journal of Scientific Research(SJSR)* **[Vol.6.No.6 Pp. 310-319]**
- *(2014)* ***"A Survey Of Data Mining Techniques On Medical Diagnosis And Research",*** *Singaporean Journal of Scientific Research(SJSR) [* **Vol.6.No.6 2014 Pp. 301-310]**
- *(2014)* ***"A Survey On Various Encryption And Decryption Algorithms",*** *Singaporean Journal of Scientific Research(SJSR)* **[Vol.6.No.6 2014 Pp. 289-300]**

VIII. CONFERENCE AND PAPER PRESENTED:

- *Paper on* ***"Prevention Using Data Mining Techniques And Its Algorithms",*** *International Conference on Current Trends in Engineering and Technology, Akshaya College of Engineering and Technology, Coimbatore (7th November, 2014)*
- *Paper on* ***"Enhancing Privacy For Loosely Federated Database In Information Brokering System",*** *International Conference on Engineering and Applied Science, S.R.I. College of Engineering and Technology, Vandavasi (21 – 23rd November, 2014)*
- *Paper on* ***"An Enhanced Seclusion Sealed Regulation Mining For Acknowledgment Database With Discrimation Prevention Using Data Mining Techniques And Its Algorithms",*** *International Conference on Current Trends in Engineering and Technology (ICCTET,NOV 2014)*
- *Paper on* ***"A Study Of Data Mining Models And Tasks In Different Research Fields",*** *National Conference on "Impact of Big Data on Online and Digital Marketing", Kodaikanal Christian College (8th September, 2016)*

IX. SEMINARS AND WORKSHOP ATTENDED :

- One Day National Level Webinar on **"Cyber Forensics and Security "** organized by G.T.N Arts College on 07.05.2021
- One Day National Level Webinar on "Patent Drafting Skills For Researchers and Academicians" organized by G.T.N Arts College on 31.05.2021
- Four Days National Level online Faculty Development Program on **"Revised NAAC Accreditation Framework Perceptions "** at G.T.N Arts College from 12.05.2021 to 15.05.2021
- Participated in one day Seminar on **"Working with MATLAB "**,Department of Physics ,Deparment of Maths Department of CS,ST.Antony's College,Dindigul(30th August,2018)
- Participated in one day International level seminar on **" Cloud Computing with Amazon Web Services "**,Department of PG CS,G.T.N Arts College Dindigul(8th March,2018)
- Participated in one day International level Workshop on "**Python Programming for Beginners**" , Parvathy's Arts and Science College, Dindigul(15th February,2018)
- Participated in the One Day Workshop on " **Intellectual Property Rights on Research**" , N.P.R Arts and Science College(20th January,2018)
- Participated in the National level IT Programming Contest on " **Best Brain'17 " ,** davasi CADD Centre Training Services Pvt Ltd(19th August,2017)
- Participated in the One Day International Seminar on **"Research Process Easier,Effective And For A Qualitative Research"** by PG and Research Dept of Chemistry and Central Library, GTN Arts and Science College (2^{8th} February, 2017)
- Participated in the International Conference on "**Futuristic Trends in Computer Science Engineering and Information Technology**", Tiruvaluvar College of Engineering and Technology, Vandavasi (30, 31 October, 2014)
- Participated in the Faculty Development Programme on "**Teacher's personality and emotional management**", IQAC, Pannaikadu Veerammal Paramasivam College (12th January, 2013)

X. EXTRA CURRICULAR ACTIVITIES:

- Chess
- Volley Ball
- Shuttle

XI. PERSONAL PROFILE:

- Dob: 11/09/1982

- *Marital status: Married*
- *Husband Name: J.Sabari Manikandan MCA*
- *Languages: English (RWS), Tamil (Mother Tongue)*
- *Address :   32,T.V.A Nagar,Dindigul , Tamilnadu.*