CURRICULUM-VITAE

M.CHANDAMONA

M.Sc,M.Phil,SET,(Ph.D)

CAREER OBJECTIVES

➢ To utilize my in-depth experience for the services of a reputed Institution.

EXPERIENCE SUMMARY

➢ *Around **24 Years** of total experience including a wide gamut of areas* consisting Programming, Training, Software testing and Teaching in reputed Institutions.

➢ Currently handling the role of **Head of the Department** of Computer Applications in G.T.N. Arts College, Dindigul from June 2003 and **Dean of Science (SSC)** in G.T.N. Arts College, Dindigul from June 2017.

PAST EXPERIENCES

➢ As a **Lecturer**, Department of Computer Science in C.M.S College of Science and Commerce, Coimbatore for *3 Years* from June 2000 to May 2003.

➢ As a **Lecturer** in Karpagam Arts and Science College, Coimbatore for *1 Year and 6 months*, from December 1998 to May 2000.

➢ As a **Programmer** in Odyssey Technologies Ltd, Coimbatore for *3 Years and 2 months*, from August 1995 to October 1998.

➢ As a Project trainee in Sundaram Clayton Limited, Brakes Division, Chennai for **6 months** from December 1994 to May 1995.

JOB EXPERIENCES

> On hand experience in System planning, Programming & Testing of in-house projects executed by M/s Odyssey Technologies Ltd.

> Extensive experience in handling subjects for **UG** and **PG** classes under Bharathiar University, Coimbatore and Madurai Kamaraj University, Madurai like,

U G :

✓ C & C++ Programming Language

✓ Data Structures and Algorithms

✓ Digital and Computer Fundamentals

✓ Artificial Intelligence

✓ Database Management System

✓ System Software

✓ Compiler Design

✓ Software Engineering

✓ Cryptography

✓ Multi Media and it's applications

✓ Visual Programming

✓ Digital Image Processing

P G :

✓ Design and Analysis of Algorithms

✓ Software Project Management and Quality Assurance

✓ Advanced Data Structures

✓ Client/Server Technology

✓ Big Data Analytics

✓ Operating Systems

✓ Computer Graphics and Multimedia

✓ Data Communication and Computer Networks

✓ Digital Principles and Computer Organization

✓ Compiler Design

✓ Soft Computing

✓ Pattern Recognition

TECHNICAL SKILL SUMMARY

Operating Systems	:	Windows XP, Windows NT, UNIX, LINUX,MS-DOS
Languages	:	C, C++,JAVA,Python
Internet Technologies	:	HTML ,PHP and Javascript
Front Ends	:	Visual Basic 6.0
Reporting Tool	:	Crystal Report 7.x, Data Report
Database	:	Oracle 8.0, MS SQL Server 7.0
Utilities	:	Microsoft Office 2007

EDUCATIONAL QUALIFICATION

➢ *Feb 2016*   *:* Qualified **TNSET** conducted by Mother Teresa Women's University, Kodaikanal

➢ *July 2016 to till date*   *:* **Ph.D,**(Computer Science) in Nehru Memorial College,Trichy (Pursuing)

➢ *December 1999 to December 2002*   *:* **M.Phil.,**(Computer Science) with **57 %** in Sri Vasavi College, Erode.

➢ *September 1992 to May 1995*   *:* **M.Sc.,**(Computer Science) with **71 %** in Alagappa University, Karaikudi.

➢ *June 1989 to April 1992*   *:* **B.Sc.,** (Computer Science) with **66%** in M.V.M. Government Arts College for Women, Dindigul.

SPECIAL ABILITIES / SKILL SUMMARY

➢ Hard working and easily adapt to new technologies.

➢ A good self starter with a lot of initiative and drive to consistently, gradually increase the performance.

➢ An excellent team player with good self confidence and inter-personnel skills.

- ➤ Achieved above 98% of pass out results consistently in the university exams through out my teaching career, which has set an excellent bench mark in my institution.

- ➤ Guiding the students for their better career opportunities, with the available current technological resources.

- ➤ Guiding the UG and PG students to handle their Real Time Projects in a successful manner.

- ➤ Appointed by University as an External Examiner to conduct Practical Examination in various colleges for the past 15 years.

- ➤ Member of Board of studies in A.P.A College Women, Palani.

- ➤ Steering Committee member , NAAC Committee 2015, G.T.N.Arts College, Dindigul

- ➤ Coordinator, "KaniTamil Pervai", September 2015,GTN Arts College,Dinigul.

- ➤ Completed Microsoft DataBase Course

- ➤ Completed NPTEL courses Information Security

PROJECT EXPERIENCE

Budgetary Control System

Company **:** Brakes India, Sundaram Clayton Limited

Role **:** Design & Developing & Implementation

Team Size **:** 1

Duration **:** December 1994 – May 1995

Software **:** *Visual Basic* with *SQL-Server*

Abstract   :   This project was developed for in-house usage only. This project creates and manipulates details about various departments in a database. Maintains their budget plans for the upcoming year with needed cost. When executed at the beginning of each year it creates an Excel file with Budget needed details for the entire concern along with each departments request which is printed out for authorities approval. The report will be taken for discussion and budget may or may not be approved.

Pay Slip Generation System

Company   :   Odyssey Technologies Pvt. Limited

Role   :   Design & Developing & Implementation

Team Size   :   2

Duration :   August 1995 – January 1996

Software :   *Visual Basic* with *SQL-Server*

Abstract   :   This project was developed for in-house usage only. This project creates and manipulates details about employees in a database. Maintains their attendance details ,leave details etc. When executed at the end of each month it creates an Excel file with staff details along with salary particulars and account numbers which is printed out for authorities approval.

Library Management System

Company   :   Odyssey Technologies Pvt. Limited

Role   :   Design & Developing & Implementation

Team Size   :   2

Duration **:** February 1996 – May 1996

Software **:** *Visual Basic* with *SQL-Server*

Production Monitoring System

Company	**:**	Odyssey Technologies Pvt. Limited
Role	**:**	Design & Developing
Team Size	**:**	4
Duration	**:**	April 1998 – October 1998
Software	**:**	*Visual Basic* with *Ms-Access*
Abstract	**:**	This project involves monitoring Customer and Supplier details. PMS provides on-line information with reports of raw material stock in hand, finished goods details, sales order processing etc.
Abstract	**:**	It's a product developed for in-house usage only. This project creates and manipulates details about books and journals in a database. Maintains the current status of all the books and journals available. It contains features for listing the books in any order like subject-wise or author-wise. It also helps to find the renewal date and to list the books not yet returned within due date etc. Needed reports can be printed.

DISSERTATION DESCRIPTION

JGRABBER – An Offline Web Browsing Tool

Course	:	M.Phil Computer Science
College	:	Sri Vasavi College,Erode
University	:	Bharathiyar University,Coimbatore
Duration	:	January 2002 – December 2002
Software	:	*JAVA 1.1*
Synopsis	:	This is an Internet utility software which downloads the entire website, when provided with an URL of a website and stores it in the local hard disk for offline browsing.The advantage of this project is that it saves a great deal of time spent in surfing the net by make use of the Thread concept and reduces the end users time. Once the down loading process is completed, the stored contents can be

PUBLICATION OF PAPERS

SI.No	Type of Journal	Index No.	Title
1.	International SJSR	ISSN-1205-2421	A Survey on Various Encryption and Decryption Algorithms
2.	International SJSR	ISSN-1205-2421	A Survey on Data Mining Techniques on Medical diagnosis and Research
3.	International SJSR	ISSN-1205-2421	A Study of Image Segmentation using Thresholding Technique on a Noisy Image
4.	International JNCSE	ISSN-2395-7018	An Improved Analysis of Data mining Techniques on Medical data
5.	International JNCSE	ISSN-2395-7018	Liver Disorder Prediction using ANT Colony Optimization
6.	International JCEA	ISSN-2321-3469	Diagnosis the Degree of Steatosis in NonAlcoholic Fatty Liver

INTERNATIONAL CONFERENCE

- ♣ Published a paper "Determination of the End-To-End Delays in any switched Local Area Network" in Current Trends in Engineering and Technology conducted by Akshaya College of Engineering and Technology,Coimbatore on 7.11.2014
- ♣ Published a paper "Energy Efficient Sleep Scheduling with QoS consideration in Next Generation Wireless Networks" organized by S.R.I College of Engineering and Technology, Vandavasi on 21.11.2014 – 23.11.2014

- ♣ Published a paper "A study on Data Mining Tools in Medicine and Pharmaceutics" organized by Gandhigram Rural University, Gandhigram on 19.3.2015 – 20.3.2015
- ♣ Presented a paper in National conference NCDCM 2017 organized by NPR College, Dindigul on 29th December 2017.

WORKSHOP/CONFERENCE PARTICIPATED

- ♣ Participated National Level Workshop "Free & Open source Software" in N.P.R.Arts and Science College, Natham on April 2012

- ♣ Participated in International Conference on "Futuristic Trends in Computer science Engineering & Information Technology" organized by Thiruvalluvar College of Engineering and Technology on October 2014

- ♣ Participated in Inauguration of KaniTamil Peravai organized by Madurai Kamaraj University and Tamil Virtual Academy on September 2015

- ♣ Participated in Workshop of Coordinator Training for KaniTamil Peravai organized by Madurai Kamaraj University and Tamil Virtual Academy on September 2015

- ♣ Participated in National Seminar "Research Issues in Computer and Communication Networks" organized by Mepco Engineering College,Sivakasi on September 2015

- ♣ Participated National Level Workshop "Android Application Development" in Kongunadu College of Engineering & Technology, Trichy on July 2016

- ♣ Participated National Level Workshop "Spoken Tutorial Software Program" in Mannar Thirulalai Naicker College, Madurai on December 2016

- ♣ Participated Microsoft Certification Course "Database Administration Fundamentals" in Kalvi Institute , Dindigul on February 2017

- ♣ Participated in 3D ANIMATION by PPV Technology Private Limited on February,2017

- ♣ Participated in International Conference on "Research Process Easier, Effective and for a Qualitative Research " organized by Department of PG Chemistry ,G.T,N.Arts College on February 2017

- ♣ Participated in "Intellectual Property Rights" Organized by NPR College, Dindigul on 20th January 2018
- ♣ Participated in National workshop on "Python Programming" conducted by Parvathys College on 15th February 2018

FACULTY DEVELOPMENT PROGRAMME

- ♣ Participated in the Faculty Development Programme on "**Teacher's personality and emotional management**", IQAC, Pannaikadu Veerammal Paramasivam College on January, 2013
- ♣ Participated in "Emerging Trends in Accessing Electronic Resources" Organized by IQAC and Central Library in G.T.N.Arts College, Dindigul on February 2017.

PERSONAL PARTICULARS

Sex & Status	:	Female, Married
Nationality	:	Indian
Religion	:	Hindu
Community	;	BC
Date Of Birth	:	10.05.1972
Address	:	2/442, Sri Venkateswara Nagar
		Seelapadi By-pass,
		Dindigul - 624 005.
		☎ 0451 - 24 11 696, 📱 0 98434 21177
Husband's Name	:	A.Prabakar, B.E.,
No. of dependants	:	Two
Languages Known	:	Tamil, English and Hindi
E - Mail	:	monapraba97@gmail.com

DECLARATION

I, hereby declare that the details furnished above are true to the best of my knowledge and belief.

M.CHANDAMONA