



CURRICULUM VITAE

PART 1: PERSONAL INFORMATION

Name: Dr.M.JannathFirdouse

ZCW ID: 421

Date of Joining (ZCW): 15/09/2021

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Current Position: Assistant Professor,

Department of Information Technology

Area of Specialization: Computer Science

Google Scholar Citation Page:

<https://scholar.google.com/citations?user=hHY-rCYAAAJ&hl=en>

IEEE Membership: Oman Section, Membership Number: 93171358

PART 2: EDUCATION & EMPLOYMENT INFORMATION

2.1. EDUCATION

College/University	Year	Degree	Subjects
Bharathiyar University	2020	Ph.D.	Computer Science
Manonmaniam Sundaranar University	2013	MBA	System
Manonmaniam Sundaranar University	2007	M.Tech.	Computer and Information Technology
Manonmaniam Sundaranar University	2001	B.E.	Computer Science and Engineering

2.2. EMPLOYMENT INFORMATION

Period		Position	Department & Organization
From	To		
September 2021	Till date	Assistant Professor	Information Technology, Al Zahra College for Women, Oman
March 2021	June 2021	Research Assistant	College of Banking and Finance Studies, Oman
February 2021	May 2021	Assistant Lecturer (Part time)	Foundation, National University of Science and Technology, Oman
September 2007	March 2020	Senior Lecturer	Foundation, National University of Science and Technology, Oman
July 2006	August 2007	Senior Lecturer	Information Technology, PET Engineering College, India
May 2001	June 2006	Lecturer	Computer Science and Engineering, The Indian Engineering College, India

2.3. AREAS OF INTEREST

1. Teaching Computer Science and Engineering subjects
2. Teaching Information Technology subjects
3. Supervising final year academic projects / pre-final mini projects
4. Volunteering for the academic / community related tasks
5. Listening to music and involved in culinary activities

PART 3: SCHOLARLY ACHIEVEMENTS

3.1. SCHOLARLY WORK

3.1.1. REFEREED JOURNAL ARTICLES:

1. "Detection and Classification of Normal and Abnormal Heart Diseases using SIFT and SVM", IJVIPNS – IJENS, Vol.18, No.1, 2018
2. "Efficient Segmentation of Lung using FIDRM Filter and Successive Peak Quantization Transform", International Journal of Intelligent Engineering and Systems, Vol.11, No.2, 2018, ISSN 2185 – 3118 **(Online) (Scopus Indexed Journal No: 21100199790) (UGC Journal No: 22983) DOI: 10.22266/ijies2018.0430.13**
3. "Novel Approach of Back Propagated Fuzzy Switching Median Filter for Medical Lung CT Image Denoising", International Journal of Applied Engineering Research, Vol.12, No.24, 2017, ISSN 0973-4562 **(Online) (SCOPUS Indexed Journal No: 21100217234) (UGC Journal No: 64529)**
4. "A Survey on Lung Segmentation Methods", International Journal of Applied Engineering Research, ISSN 0973-6107, Vol.10, No.9, 2017
5. "Fissure Extraction using Dual Tree Complex Wavelet Transform and Lung Lobe Segmentation from CT Lung Images" in Springer International Publishing, Advances in Intelligent Systems and Computing (ISSN: 2194 – 5357) DOI:org/10.1007/978-3-319-57141-6
6. "Fissure Extraction using Dual Tree Complex Wavelet Transform and Lung Lobe Segmentation from CT Lung Images", IJNRES, Vol.3, Issue 2, 2017, ISSN: 2394-7349, **(SCOPUS Indexed Journal No: 5100152904)**
7. "Novel Lung Segmentation and Fissure Enhancement using SPQT and Fissure Boosting Algorithm", International Journal of Applied Engineering Research Vol.5, No.2, 2015, **(SCOPUS Indexed Journal No: 21100217234) (UGC Journal No: 64529)**

3.1.2. REFEREED CONFERENCE PROCEEDINGS

❖ International Industry Academia Conference

Presented the research paper on "Lung Cancer Segmentation using Enhanced Fuzzy Back Propagation Neural Network", in IIAC organized by

Riyasaa Labs at Kanyakumari District, India

❖ **Computer Science On-line Conference**

Presented the research paper on "Fissure Extraction using Dual Tree Complex Wavelet Transform" by Video Conference through Webinar, in the CSOC, Thomas Bata University in Zlin, Czech Republic

❖ **International Conference on Inventive Computation Technologies**

Presented the research paper on "A survey on Lung Segmentation Methods" by Video Conference through Skype, in the 2nd ICICT, RVS College, Coimbatore, India

❖ **International Conclave on Industrial Engineering & Management**

Presented the research paper on "Lung Lobe Segmentations using Active contour Models" in the ICIEM in Waljat College of Applied Sciences, Oman

3.1.3. INVITATIONS TO SPEAK IN PROFESSIONAL MEETINGS

International Webinar on "SPSS – The Research oriented Data Analysis" in CSI Jayaraj Annapackiam College, India

3.2. PERSONAL PROFESSIONAL DEVELOPMENT IN SCHOLARSHIP

3.2.1. Conferences, Seminars and Workshops Attended:

❖ **One day international Online Faculty online Development Programme on Technologies for the New Era (January 2022)**

Attended one day International online faculty development programme on Technologies for the new era at Cauvery College for Women, India

❖ **One day International E-Conference on "Innovations in Information Technology" (IECIIT – 2020)**

Participated in one day international conference organized by Bharathiyar University, Coimbatore, India.

❖ **International Conference FOSSC**

Attended two days International Conference on Free & Open Source Software in Sultan Qaboos University, Oman

❖ **National level online Faculty Development Programme on "Writing & Publishing Quality Research Paper & Proposal"**

Participated in the five days national level online FDP organized by Shri Annadaneshwar Arts, Science, Commerce college & PG Center, Karnataka State, India

❖ **Webinar on "Women in STEMM: Ignite, Inspire, Empower & Engage"**

Participated in the online webinar organized by Swarnandhra College of Engineering & Technology, Narsapur, India

❖ **Workshop on Latex Using Overleaf: Scientific Research Writing**

Participated in the online webinar organized by IEEE Oman section members in Sultan Qaboos University, Oman

❖ **Free online Soft-Chalk Cloud course for a month**

Participated in the online webinar course scheduled on different days in September month conducted by Soft-Chalk Cloud member Mr. David Evans

❖ **Webinar on “Predatory Journals – A Growing Threat for Academicians”**

Participated in the webinar conducted by Bishop Heber College, Tiruchirappalli, India

❖ **Online FDP on “Recent Technologies & Recent Trends in Computer Science & Information Technology”**

Participated in two days faculty development program conducted by Oriental Institute of Science & Technology, Mathyapradesh, India

❖ **“An Overview of Soft-Chalk Cloud – Introduction Part”**

Participated in the webinar conducted by Soft-Chalk Cloud member – Mr. David Evans

❖ **Webinar on “Yours Research fully – COVID 19 Period”**

Participated in the webinar conducted by Swarnandhra College of Engineering & Technology, Narsapur, India

❖ **National Research Workshop**

Attended one day National research workshop on “Unleashing your Research Potential” in Arab Open University, Oman

❖ **Point care Event Workshop**

Attended Point care Event Workshop in Modern College, Oman

❖ **National Seminar on Pervasive Computing**

Attended two days seminar on Pervasive Computing in National Engineering College, Kovilpatti, India