

R. Sujitha M.Sc., M.Phil., NET/UGC.,

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Career Overview

Experienced Assistant Professor in Computer Science with seven years of dedication. Excels in innovative teaching, fosters inclusive environments, and mentors students for success, prioritizing academic excellence and personal growth.

Professional Experience

- **Cardamom Planters' Association College, Bodinayakanur**
 - Assistant Professor of CS & IT (November 2021 - Present)
 - Assistant Professor of CS & IT (June 2016 - February 2018)
 - Assistant Professor of CS & IT (June 2014 - April 2015)
- **Theni College of Arts And Science, Veerapandi**
 - Assistant Professor of CS & IT (June 2015 - April 2016)

Educational Qualification

- **NET/UGC Exam**
 - **Passed:** June 2020
 - **Specialization:** Computer Science and Application
- **Ph.D. in Computer Science (Part-Time)**
Madurai Kamaraj University, Madurai (November 24, 2023 - Present)
 - **Title:** Evaluating machine learning algorithms for effective stroke prediction.

Course	College	University	Year of Passing	Aggregate
M.Phil (CS)	CPA College, Bodinayakanur	Madurai Kamaraj University	2017	75%
M.Sc. (CS&IT)	Nadar Saraswathi College of Arts & Science	Mother Theresa University	2014	80%
B.Sc.(Computer Science)	CPA College, Bodinayakanur	Madurai Kamaraj University	2012	70%

Skills:

- Expertise in Machine Learning.
- Proficiency in programming languages such as C, C++, Java, VB.Net, and Python.
- Specialization in Data Structure, Digital Principles, System Software, and Computer Graphics.
- Strong teaching and curriculum development skills.
- Excellent communication and interpersonal abilities.
- Experience in mentoring and guiding students.

Professional Affiliations:

- Member of the Women's Cell
- Member of the Tea house, Cardo-Comp

Achievements

- Received a special cash award for appreciation from CPA College for publishing a research paper in the academic year 2022-2023.
- Published a research paper “A Study of Machine Learning Algorithms for Stroke Prediction” in the International Journal of Management Science and Humanities in 2022-2023.

Academic Responsibilities

- Project Guide for III B.SC(CS), III BCA & III B.Sc(IT).
- Class Tutor for II BCA.
- Advanced Excel Lab Professor for I B.Sc(CS).
- System Software professor for II B.Sc(CS).
- Client/Server Computing Professor for II B.Sc(CS).
- Digital Principles and Computer Architecture Professor for II B.Sc(CS).
- Environmental Studies Professor for II B.Sc(CS).
- Internet Application Professor for III B.Sc(Chem).
- Introduction to HTML Professor for I BCA.
- Java & Java Lab Professor for II BCA.
- Data Structure & Computer Algorithms & Lab Professor for II BCA.

Project Details

1. E-Billing And Invoice System [CPA College, Bodinayakanur]

- **Aim:** To automate the billing and invoice system, maintaining product and customer lists for enterprises, enabling remote work.
- **Duration:** December 2011 – April 2012
- **Technologies Used:** VB.Net and MS Access

2. Server Based Maintenance And Secured System [NS College, Theni]

- **Aim:** To manage server-based information and reduce server workload, acting as an intermediary between client and server.
- **Duration:** January 2014 – March 2014
- **Technologies Used:** Silverlight and MySQL

3. Wavelet Based Thresholding for Image Denoising in MRI Image [CPA College, Bodinayakanur]

- **Aim:** To recover signals close to the original, maintaining crucial features and quality, presenting wavelet-based denoising methods, especially in MRI images.
- **Duration:** January 2017 – March 2017
- **Technologies Used:** Matlab

List of Publications

- **R. Sujitha, C. Christina De Pearlin, R. Murugesan and S.Sivakumar,** “Wavelet Based Thresholding for Image Denoising in MRI Image”, International Journal of computational and Applied Mathematics (IJCAM). Volume 12 Number 1 (2017), pp. 579-587.
- **R. Sujitha, Dr. S.Sivakumar,** “A Study of Machine Learning Algorithms for Stroke Prediction”, International Journal of Management Science and Humanities. Volume 9 Number 2 (December 2022), ISSN: 2395-0625.

Seminars Attended

- Online International FDP on "Current Trends in Information Technology", MEASI Institute of Information Technology, 26.09.2022 to 30.09.2022.
- IP Awareness/Training program under National Intellectual Property Awareness Mission, November 10,2022, Intellectual Property Office, India.
- National Webinar on “ Regression Analysis : Mother of All Models : Online Media Case Study “, Department of Data Science, The American College, Madurai, Tamil Nadu , 01.10.2022.
- IP Awareness/Training program under National Intellectual Property Awareness Mission, September 23,2022, Intellectual Property Office, India.

Personal Details

DOB : 24.03.1992
Gender : Female
Father Name : P. Rajasekar
Mother Name : R. Malar Vizhi
Marital Status : Married

Declaration

I hereby declare that the above given information is true to the best of my knowledge and belief.

Place: Bodinayakanur.
Date:

Signature
(R.Sujitha)