

RESUME

SAROJA.M BCA.,MCA.,M.Phil., (SET)

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CAREER OBJECTIVE

To work with a multicultural team and to secure a challenging position where I can utilize my skills and abilities that offer professional growth while being resourceful, innovative and flexible.

EDUCATIONAL QUALIFICATION

- Pursuing Ph.D in the Area – **Image Processing with Deep Learning** under Department of Computer Science, St.Xavier's College, Palayamkottai.
- Have Qualified in **SET Exam** conducted by Mother Teresa Women's University, Kodaikanal on 2017.
- Have completed **Master of Philosophy in Computer Science** with First class (85%) from V.H.N.S.N College, Virudhunagar.
- Have completed **Master of Computer Application** with First class (60%) from Madurai Kamaraj University, Madurai.
- Have completed **Bachelor of Computer Application** with Second class (59%) from Madurai Kamaraj University, Madurai.

JOURNAL PUBLICATIONS

M.Saroja, S.P.Victor, "Efficient Heterogeneous Medical Image Data Handling for Lung Cancer Initial Screening Deep Learning Techniques", *Vol -11, Issue-11*, International Journal on Recent and Innovation Trends in Computing and Communication 2023 , *ISSN No. 2321-8169*.

AREA OF INTEREST

- Artificial Intelligence
- Data Mining
- Digital Image Processing

EXPERINCE

- Worked as a Trainer in CSC Computer Education – 13 months
- Worked as a Customer Service Executive in Muthoot Fincorp – 13months.
- Working as an Assistant Professor in Mannar Thirumalai Naicker College, Madurai from June 2016 to Apr 2018.
- Working as an Assistant Professor in N.M.S.Vellaichamy Nadar College, Madurai from June 2018 to 31.07.2024
- Working as an Assistant Professor in The American College, Madurai from August 2024 to till now.
- Total Teaching Experience – 9 Years 6 Months.

SOFTWARE PROFICIENCY

- Programming languages : C, C++, Java, Servlet, Python, R Programming
- Packages Known : MS-Office, Matlab, Microsoft PowerBI
- Web Developing Tools : Html, Frontpage, Php, Jsp, Javascript
- Databases : SQL,MYSQL,ORACLE

SEMINAR

- Participated in a one day seminar on “Spoken Tutorial Software Program – Taking IT Training to Colleges”, at Mannar Thirumalai Naicker College, Madurai on30.12.2016.
- Participated in a one day eighth national seminar on “Research issues in Digital image processing” at Mepco Schlenk Engineering College on21.03.2015.
- Participated in two days seminar on “Research issues and challenges in image processing” at G.Venkataswamy Naidu College from 11.09.2014 to12.09.2014.
- Participated in one day seminar on “Perspective of Data Science” at Vellore Institute of Technology on 05.06.2023.

WORKSHOP

- Attended a one day workshop on “MATLAB” at VHNSN College, Virudhunagar on 05.09.2014.
- Attended a one day workshop on “Android Application Development”, Mannar Thirumalai Naicker College, Madurai on 28.02.2017.
- Attended a Two days workshop on “Android Application Development” at N.M.S.S.Vellaichamy Nadar college, Madurai organized by Sputnik InfoTech on 9th and 10th October 2018.

- Attended a National Level Online workshop on “Image Classification using Convolutional Neural Networks (CNN)”, Mandsaur University on 20.05.2021.

FACULTY DEVELOPMENT PROGRAMME

- Participated in the Faculty development program entitled “Discover the Teacher in you” on 16th March 2019 Organized by N.M.S.S.Vellaichamy Nadar College, Madurai.
- Participated in the Faculty development program entitled “Competent Teachers for Millennial Learners” on 29th February 2020 Organized by N.M.S.S.Vellaichamy Nadar College, Madurai.
- Participated in the Online Faculty development programme entitled “Recent Research Issues on Digital Image Processing” on 24th M to 28th on May 2021 Organized by Sri Ramakrishna Institute of Technology”, Coimbatore.
- Participated in One Week Faculty Development Programme on “Artificial Intelligence for Edge Computing” at Thiagarajar College of Engineering from 08.05.2023 to 12.05.2023.
- Participated in One Week Faculty Development Program on “Python Programming” conducted by ICT Academy on 21 Aug 2023 to 25 Aug 2023 at Mary Matha College of Arts and Science.
- Participated in One Week Faculty Development Program on “Microsoft PowerBI Data Analyst Associate” conducted by ICT Academy on 18 Dec 2023 to 22 Dec 2023 at Velammal College of Engineering and Technology.

DISSERTATION M.PHIL

Image Matting for Image Fusion of Multi-Focus Images in Dynamic Scenes.

Ph.D Title

An Efficient Proactive Medical Image Processing Model to Handle Lung Cancer using Deep Learning Techniques.

PERSONAL DETAILS

Date of Birth : 20.01.1983

Age : 42

Marital Status : Married

Hobbies : Reading Magazines, Reading Journals

Linguistic Skills : Tamil, English, Hindi (Reading and Writing only)

Religion : Hindu

Caste : Nadar

DECLARATION

I hereby declare that the information and facts stated above are true and correct to the best of my knowledge and belief.

Place: Madurai

Date: 05.02.2025

(M.SAROJA)