Dr. S. Veerapandi

Assistant Professor

Department of Computer Science

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I. Academic Qualifications:

Doctoral Research - Ph.D

- University   : Madurai Kamaraj University, Madurai, India
- Title   : A Frame Work For Improving Fault Tolerance of Software Applications
- Year   : 2022

Post-Graduation

- University   : Madurai Kamaraj University College, Madurai, India
- Degree   : Master of Computer Applications
- Year   : 2013

Under Graduation

- College   : A.N.J.A.C College , Sivakasi.Virudhunagar
- Degree   : Bachelor of Computer Applications
- Year   : 2010

Teaching Experience:

- Under-Graduate : 10 years
- Post - Graduate : 10 years
- From 2013 -Working as an Assistant Professor in Mannar Thirumalai Naicker College, (SF), Madurai

Area of Specialization

- Software Engineering
- Relational Database Management System
- Data Mining

Papers Published in UGC Notified Journals:

o Published in the *International Journal for Innovative Research in Science & Technology*, the paper titled "A Literature Survey on Improving Fault Tolerance of Software Applications" appeared in Volume 3 on 04/09/2016, with ISSN 2349-6010.

o The *International Journal of Computer Applications* featured the paper "A Hybrid Fault Tolerance System for Distributed Environment using Check Point Mechanism and Replication" in Volume 1, published in January 2017, ISSN 0975–8887.

o In the *International Journal of Computer Trends and Technology (IJCTT)* by Seventh Sense Research Group, the paper "Fault Tolerance Avoidance in Cloud Computing Software

Applications" was published in Volume 43, January 2017, with ISSN 2231-2803.

o Published by Seventh Sense Research Group (SSG), the paper titled "Fault Tolerance Detection, Mitigation and Performance Improvement in Cloud" appeared in Volume 4, Issue 4, June 2017, ISSN 2348-8387.

o In the *Ds Journal of Digital Science and Technology*, the paper titled "Live Virtual Machine Pre-copy Migration Algorithm for Fault Isolation in Cloud Based Computing Systems" was published in Volume 1, Issue 1, July-September 2022, ISSN 2583-5416.

o Also in the *Ds Journal of Digital Science and Technology*, the paper titled "Enhanced Fault Tolerant Cloud Architecture to Cloud based Computing using Both Proactive and Reactive Mechanisms" was published in Volume 1, Issue 1, July-September 2022, ISSN 2583-5416.

IV. Papers presented in conferences / Seminars:

• Participated in the National Conference on Recent Trends in IT Technologies at Mangayarkarasi College of Arts and Science for Women in Madurai on 27/08/2015.

• Presented a paper titled "Cloud Based Computing Systems" at the International Conference held at Madurai Kamaraj University from 10.05.2022 to 12.05.2022.

• Presented on "Cloud Based Computing Systems Both Proactive and Reactive Mechanisms" at the International Conference hosted by Kathir College of Engineering on 25.5.2022.

V. Faculty Development Programmes / Conferences / Seminars Attended :

Faculty Development Programme:

o Participated in a Free & Open Source Software (FDP) workshop at Thiagarajar College of Engineering on 29.08.2015.

o Attended a workshop on Quality Assurance and Sustenance in Higher Education at Mannar Thirumalai Naicker College on 11.3.2020.

o Participated in a workshop on Research Writing and Publications: Theory and Practice at Mannar Thirumalai Naicker College on 19.10.2019.

o Engaged in the FDP titled "Enhancing Quality by Unearthing Innovative Practices-Equip-22" at Mannar Thirumalai Naicker College from 18.4.22 to 24.4.22.

o Participated in the Faculty Enhancement Programme (FDP) at Mannar Thirumalai Naicker College on 27.4.22.

o Attended a session on Insights of National Education Policy at Mannar Thirumalai Naicker College on 18.3.2023.

o Participated in Consultancy and Corporate Training at Mannar Thirumalai Naicker College on 17.3.2023.

o Conducted a workshop on Creating Awareness of Intellectual Property Rights at St. Joseph College, Trichy on 12.6.2023.

o Attended a workshop on Cyber Security and Hacking at SRM Institute of Science and Technology from 16.6.2023 to 24.6.2023.

o Participated in a workshop on ChatGPT & AI Tools to Save 2 Hours of Time Daily at SRM Institute of Science and Technology from 16.6.2023 to 24.6.2023.

o Engaged in a workshop on AWS using DevOps at CMR Engineering College, Hyderabad from 26.6.2023 to 30.6.2023.

o Attended a National Level FDP on Cloud Infrastructure (AWS) at M.O.P. Vaishnav College for Women, Chennai from 21.8.2023 to 25.8.2023.

Seminar Attended:

• Participated in a State level Seminar on Applied Data Mining at Sri Meenakshi Arts College For Women, Madurai on 20/01/2015.

• Participated in a State level Seminar on Spoken Tutorial Software Program at Mannar Thirumalai Naicker College, Madurai on 30/12/2016.

• Participated in an International Seminar on Artificial Intelligence at Madurai Kamaraj University on 23rd September 2019.

• Participated in a National Seminar on Cyber Crime & Security Issues in Digital World at Madurai Kamaraj University, Madurai on 26.02.2018.

• Participated in a National Seminar on Big Data Analytics at Madurai Kamaraj University, Madurai on 21.02.2019.

• Organized an International Seminar on Recent Trends In Computing Intelligence & Industry 4.0 at Mannar Thirumai Naicker College on 24.03.2023.

- Participated in a National Level Seminar on Cybercrime & Security Issues in Digital World at Madurai Kamaraj University on 26th February 2018.

- Organized a National Level Seminar on International Migrants Day at Mannar Thirumai Naicker College on 18.12.2021.

- Participated in a National Level Seminar on Open AI Tools at ST. Joseph College, Trichy on 15.7.2023.

Workshop Attended:

o Participated in a Workshop on Free & open source software at Thiagarajar College of Engineering on 29.08.2015.

o Participated in a Workshop on Research Writing and publications: Theory and Practice at Mannar Thirumai Naicker College on 19.10.2019.

o Participated in a Workshop on Quality Assurance and Sustenance In Higher Education at Mannar Thirumai Naicker College on 11.3.2020.

o Participated in a Workshop on Enhancing Quality by Unearthing Innovative Practices-Equip-22 at Mannar Thirumai Naicker College from 18.4.22 to 24.4.22.

o Participated in a Workshop on Faculty Enhancement Programme at Mannar Thirumai Naicker College on 27.4.22.

o Participated in a Two-day Online Workshop on Chat GPT & AI Tools to Save @ Hours of Work Daily at Mannar Thirumai Naicker College from 27.7.2023 to 28.7.2023.

o Participated in a Workshop on ChatGPT & AI Tools for Educators at PPG College of Arts and Science, Coimbatore on 30.6.2023.