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Ms. J. Arthy is working as an Assistant Professor in the Department of CSE at SRMIST, Ramapuram Campus. She is pursing Ph. D degree in the field of Knowledge Based Systems in SRMIST from 2022.She has 11 years of teaching experience with good programming skills. She has completed M.E. (CSE) from Annamalai University in the year 2012. She is a life member of ISTE. She has guided many projects for UG students and also for many project competitions. She is also certified in various courses from NPTEL, ISRO, MATLAB, Udemy, Great Learning, Coursera etc...She has published papers in International Journals, Conferences and Symposiums.

Area of Research: Knowledge Based System, Web Mining, Cyber-Security

Selected Publications:

1) J. Arthy and K. Raja , Published a Paper titled" Intelligent Queue Management System (IQMS) for Increasing Supervised Classification Algorithm." held at Annamalai University. pp:23-31,ISBN: 978-93-92042-32-4,November 2022.

2) J. Arthy and K. Raja , Presented a Paper titled "Two Fold Clustering Schema(TFCS) for Acquisition for Authentic Reviews" held at SRMIST, March 2023.//Yet to Publish in Springer//

3) J. Arthy, Presented a paper titled " Task Balancing and Selfish IOT devices for offloading Equity in Fog Computing" held at KCG College, June 2023//Yet to Publish in AIP Conference Proceedings//

4) J. Arthy, Presented a paper titled " An Ensemble Learning Approach for IOT Malware Network Traffic Classification" held at SIMATS , April 2023.

5) J. Arthy, Aggrandize the Reliability by Bug Retrieval (ARBR), International Journal of Modern Engineering Research (IJMER), 2013; 3(6) 3380–3384 ,ICID: 1086428

6) J. Arthy, A SSS Scheme to Increase the Reliability in Software Systems, International Journal of Advance Research in Science and Engineering,2015: Vol. No.4, Special Issue (01), ISSN-2319-8354(E)

Patents:

1. Secured Physical Uncountable Functions Framework using Machine Learning, Published on January 2023.

2. Artificial Intelligence based Automatic Smart Health Care System for Prediction and Prevention of all types of Heart Disease and Possibilities of Cardiac Arrest for all Ages of People Using Image Processing,Data Mining and Deep Learning Algorithms. Published on January 2023.

3. Sensor Based Automatic Robotic Waste Bin, UK Grant and published date on August 2023.

Membership: MISTE, IFERP, IAENG

Google Scholar: https://scholar.google.com/citations?user=b2EZyoYAAAAJ&hl=en&authuser=1

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