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Ms.K.Ramya is working as Assistant Professor in the Department of CSE at SRMIST, Ramapuram campus. She is doing a Ph. D degree in the field of Cloud Computing in SRM Institute of Science and Technology from 2020. She has 8 years of teaching experience with good programming skills. She is a Topper in M.Tech (CSE) from Dr.M.G.R University University. She is also certified in various courses from Coursera and NPTEL and Great Learning. She has published more than 10 articles in National and International Journals, Conferences and Symposiums.

Area of Research:

Cloud Computing, Machine Learning

Selected Publications:

1. Ramya K, Ayothi S. Hybrid dingo and whale optimization algorithm-based optimal load balancing for cloud computing environment. Trans Emerging Tel Tech. 2023;e4760. doi: 10.1002/ett.4760
2. Ramya K, Ayothi S. "Performance Improvement In Cloud Computing Environment By LoadBalancing-A Comprehensive Review" in the journal Revista Geintec-Gestao Inovacao E Tecnologias (Management, Innovation And Technologies)Issn: 2237-0722 Vol. 11 No. 2 (2021) Pg No :1386-1399
3. K.Ramya, P.Karthik, N.B.Ranjith."Reducing Human Effort and Dynamic Model Approach for Electricity Prediction - A Deep Learning Ensemble Methodology" in the journal International Journal of Innovative Technology and Exploring Engineering (IJITEE),ISSN: 2278-3075 (Online), Volume-X, Issue-X, January 2022
4. K.Ramya,Maneesh Pudhota,Sridhar Gunnam,Kaushik Kumar GP "Detection Of Diabetic Retinopathy Withground-Truth Segmentation Using Fundus" in Journal of Information and Computational Science ISSN: 1548-7741
5. K.Ramya,Shashank Singh,Anant Sharma,"Salient Object Detection with Hybrid RNN and F-CNN model with Saliency Prior Maps using Boundary Information" in Paideuma Journal Vol XIV, Issue 5 2021,ISSN NO : 0090-5674

6. Ms.K.Ramya,Nikhil Chopra,Abhimanyu Wadhwa,Ritwick Bhaduri,"User Level Runtime Security Auditing for the Cloud Using Aes" in Turkish Journal of Computer and Mathematics Education,Vol.12 No.6 (2021), 3535-3541
7. Ms K. Ramya,Arjun Sharma,Kartik Mehta,"A Comprehensive End-to-End framework for Detection and Prevention of Cross Site Scripting Attack" in Paideuma Journal,ISSN NO : 0090-5674,Vol XIV Issue 5 2021

Patents:

1. Smart Intrusion Detection System for Network Security Situational Awareness.
Application No:202241028183A, Publication Date:27/05/2022.
2. Machine Learning based Automatic Health care System to predict , Diagnosis and detection of knee joint diseases using Image enhancement and segmentation techniques.Application No- 202341041354,Publication Date:17/06/2023

Google Scholar:

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