

Dr.R.M.Rani M.E., Ph.D.,

Assistant Professor,

Dept of IT,CET,SRMIST

Ramapuram Campus, Chennai

E MAIL: ranir@srmist.edu.in



Dr.R.M.Rani Working as an Assistant Professor in the Department of IT at SRMIST,Ramapuram. She Graduated in Computer Science & Engineering at Bharadhidasan University,Trichy,Tamilnadu, India. She secured Master of Engineering in Computer Science & Engineering Anna University, Chennai, India and scored 8th rank all over Tamilnadu. She Pursued Ph.D. in the field of Machine learning and IoT at SRMIST, Chennai, India. She is in teaching profession for more than 30 years. She has presented number of papers in National and International Journals, Conference and Symposiums.

Areas of Research:

Data Mining.Machine learning,Data Science

Publications:

Web of Science/SCI/Scopus

1. Generation of Frequent sensor epochs using efficient Parallel Distributed mining algorithm in large IOT, RM Rani, M Pushpalatha, 2019, Computer Communications, 148, pp.107-114.
2. Discovery of Knowledge Using Association Rules in Wireless Sensor Epochs-a Survey, RM Rani, M Pushpalatha, 2018, International Journal of Engineering & Technology 7 (4.10), 436-439
3. Analysis of Human Activities in Smart Home Using Abnormal Activity Recognition Algorithm (AAR) and Visualization Techniques., RM Rani, R Kavitha, R Deeptha, International Journal of Early Childhood Special Education, 2022, 14 (5)
4. Analysis of Sequence Moves in Successful Chess Openings Using Data Mining with Association Rules, RM Rani, World Academy of Science, Engineering and Technology 72 2010
5. To predict the sensor faults using generated frequent sensor epochs by applying mining techniques., RM Rani, M Pushpalatha. Gedrag, 2022, ISSN:0921-5077, VOLUME 33 : ISSUE 03 – 2020- WOS

Patents

1.378124-001-Artificial Intelligence based Liquid Dispenser on 28.01.2023

2.202041007660 Implementation of Robotic Vision Closed Circuit Television on 24th April 2020

Professional Bodies:

Member – ACM, ISTE

GoogleScholar:

https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=J5QiOeQAA

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