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**Papers Published in the Journal**

**2026**

- Dr. E. Rama Devi, “AI-Driven Multi-Disease Prediction System Using Federated Learning for Privacy-Preserving Healthcare Analytics”, Tuijin Jishu/Journal of Propulsion Technology ISSN: 1001-4055, Vol. 47 No. 01, Scopus Indexed Journal, February 2026, Page 445 – 451.
- Dr. E. Rama Devi, Dr. M. Meenakrithika, Dr..A. Albina, “Temporal Weather Forecasting and Analysis Using Recurrent Neural Networks and Long Short-Term Memory Based on Deep Learning”, Musik in bayern ISSN: 0937-583x, Volume 91, Issue 2, WOS Journal, February 2026, Page 1 – 9.

**2025**

- Dr. E. Rama Devi, “Predicting Pulmonary Metrics Using Linear Regression, Decision Trees, and Support Vector Regression” , Journal of the Maharaja Sayajirao University of Baroda, vol 59, No.5, ISSN :0025-0422, UGC Care Group1 Journal, Nov 2025, Page – 71-78.

**2024**

- Dr.E. Rama Devi, K. Brindha, “ Ensemble Random Forest With LSTM Neural Network (ERF-LSTM) Method For Classification Of Twitter Sentiment Analysis”, Journal of Nonlinear Analysis and Optimization Vol. 15, Issue. 1, No.4 : 2024 ISSN : 1906-9685 UGC Care Group1 Journal

**2023**

- Dr.E. Rama Devi, K. Brindha, “Twitter Data Feature Selection using Enhanced Genetic Algorithm” Tuijin Jishu/Journal of Propulsion Technology , ISSN: 1001-4055, Volume 44 , Issue 4 , Nov 2023, Page 7738-7746, Scopus indexed and UGC CARE - SJR - 0.322
- Dr.E. Rama Devi, K. Brindha, “A novel hybrid approach for twitter sentiment analysis in Machine Learning” Technical Security Journal , ISSN: 1434 - 9728, Paper Id - SJ/1423, Volume 23 , Issue 8 , August 2023, Page 50-55, Scopus indexed and UGC care group 2 journal
- Dr.E. Rama Devi, K. Brindha, “Twitter Sentiment Analysis for Feature Extraction using Support Vector Machine (SVM) with TF-IDF” Journal of Survey in Fisheries Sciences, ISSN: 2368-7487 , Volume 10, Issue 1, 25.08.2023, Page 3575-3583, 2023.

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Indexing: Scopus, Web of Science, crossref

## 2022

- Dr.E. Rama Devi, K. Brindha, “Weight Based Pre-Processing Algorithm (Wbpa) For Data Pre-Processing In Sentiment Analysis”, Journal of Pharmaceutical Negative Results( Scopus Indexed), ISSN: 2229-7723, Volume 13, Issue 10, Dec 2022, Page No: 1137-1148
- Dr.E. Rama Devi, K. Brindha, “ Survey on Twitter Sentiment Analysis using Machine Learning” International Journal for Research in Science, engineering and Technology, ISSN: 2394-739X, Volume 9, Issue 8, 25.08.2022, Page 25-30
- Dr.E. Rama Devi, P. Madhan kumar, “ Farmer Product Direct Selling System”, International Journal of Creative Research Thoughts, ISSN: 2320-2882, Year May 2022, Vol - 10, Issue - 5, Pages: 14959 -14964 , UGC Approved Journal No. 49023 (18) - Impact Factor – 7.97 by Google Scholar – Paper ID – IJCRT2206033

## 2021

- Dr.E. Rama Devi, K. Brindha, “ Current Challenges and New Directions in Sentiment Analysis on Web Based Media Information”, Design Engineering, (Scopus Indexed) ISSN: 0011-9342, Year 2021, Issue:8, Pages: 14959 -14964
- Dr. E. Rama Devi, Meenakrithika, “Analysis and Performance of various Data Mining Techniques used for malware detection and classification”, Journal of Education: Rabindrabharathi University, ISSN 0972-7175, Vol-XXIII, No:112021,Oct 2021, Pg:265-270
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- Dr. E. Rama Devi, Meenakrithika, “Analysis and Survey on Machine Learning Algorithms in Different Data Mining Process”, International Journal of Scientific & Technology Research, ISSN No. 2277-8616, Vol 8, Issue 12, Dec 2019.

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## **2018**

- Dr.E.Rama Devi, B.SuryaKumar, “An improved multi context trajectory embedding model using parameter tuning optimization for human trajectory data analysis”, International Journal of Applied Engineering Research, (UGC Approved Journal) ISSN: 0973-4562 Vol 13, No. 22 (2018) pp. 15633-15637.
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## **2017**

- Dr.E.Rama Devi, B.SuryaKumar, “ Case Study of Social Network Data mining and Analysis”, International Advance Research Journal in Science Engineering and Technology (UGC Approved Journal) ISSN: 2393-8021(Online) ISSN(Print) 2394-1588, Sep 2017, Vol 4, Issue 9, Pg 114-119
- Dr.E.Rama Devi, B.SuryaKumar, “ A Multi Context Embedding Model Based on Convolution Neural Network for Trajectory Data Mining”, International Journal of Computer Science and Mobile Applications (UGC Approved Journal) ISSN: 2321-8363(Online), Sep 2017, Vol 5, Issue 9, Pg 1-9.
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## **2016**

- Dr. E. Rama Devi, S. Saji kumar, “Gene Analysis using Stable Matching Algorithm”, International Journal of Computer Systems, Volume 3, Issue 7 July 2016, ISSN: 2394-1065
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