



Ms. C. Ashwini, M.E., (Ph.D).,

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Ms. C. Ashwini 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 Artificial Intelligence and Machine Learning in SRM Institute of Science and Technology from 2020. She has 10 years of teaching experience with good programming skills. She is a rank holder in M.E (CSE) from Anna University. She is also certified in various courses from Coursera and NPTEL. She has published more than 20 articles in National and International Journals, Conferences and Symposiums.

Area of Research:

Cloud Computing, Artificial Intelligence, Machine Learning

Selected Publications:

1. Corn Disease Detection based on Deep Neural Network for Substantiating the Crop Yield, June 2022, Applied Mathematics & Information Sciences
2. EOS-3D-DCNN: Ebola optimization search-based 3D-dense Convolutional Neural Network for Corn Leaf Disease Prediction, Neural Computing and Applications
3. Analyzing the prediction accuracy of corn Leaf Diseases using a pre-trained network model.
4. Published paper in Journal of Chemical and Pharmaceutical Sciences (Annexure-II), on the topic “Multiple-client data Management using robust database pattern design”
5. Published paper in International Journal of Technology and Engineering System (IJTES), January 2015 on the topic “An Efficient Algorithm for Disease Diagnosis using Hybrid Fuzzy-Rough set model”.
6. Published a paper in International Research Journal of Engineering and Technology, on the topic “Cost Effective scheme for Delay Tolerant Data Transmission”.

7. Published a paper in International Research Journal of Engineering and Technology, on the topic “NEBULA AND CLOUD COMPUTING – Analyzing All Aspects of Both Entities”.
8. Published a paper in International Journal of Innovative Technology and Exploring Engineering, on the topic “To identify and recognize the object for traffic analysis system using deep learning”.
9. Published a paper in International Journal of Innovative Technology and Exploring Engineering, on the topic “Enhancement of Underwater Images using Pixel Arrangements and Image Enhancement Algorithm”.
10. Published a paper in International Journal Of Scientific & Technology Research, on the topic “Water Quality Monitoring Using Machine Learning And Iot”.
11. Published a paper in PAIDEUMA JOURNAL, on the topic “Analysis and Derivation of Optimum Domain Specific Semantic Model for Detecting Depression Text From Twitter Stream”.
12. Published a paper in International Journal of Control and Automation, on the topic “Data Dependent Passenger Flow Prediction System using Support Vector Regression Algorithm”.

Patents:

1. Iot Based Automated Toll Tax Collection System. 32/19012022, Publication Date: 04/02/2022.
2. Multipurpose Smart Helmet. 379301-001, Publication Date:10/02/2023.

Google Scholar:

https://scholar.google.com/citations?view_op=list_works&hl=en&user=s52BDcIAAAAJ

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