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Dr.G.Gangadevi is working as Assistant Professor in the Department of CSE at SRMIST, Ramapuram campus. She holds a Ph. D degree in the field of Information and Communication engineering from Anna University since 2023. She has 15 years of teaching experience with Strong analytical, observational, and problem-solving skills. She is a rank holder in M.E (CSE) from SRM University . She is certified in various courses from Coursera and NPTEL. She has published articles 7 International Conferences and 4 National Level Conferences. She is serving as a reviewer for the “**IAES International Journal of Artificial Intelligence (IJ-AI) a Scopus indexed journal**” **Impact Factor 2.1**and reviewer for the “**IEEE Sensor Journals**” **Impact Factor 3.301**.

**Area of Research:**

Deep Learning, Machine Learning and Wireless Sensor Network

**Publications:**

- **G.Gangadevi** and Dr.C.Jayakumar (2021)” Hybridization of Resnet with YOLO classifier for Automated Paddy Leaf Disease Recognition: An Optimized Model” Published in “*Journal of Field Robotics*” **Anna University ,Annexure Journal (SCI) ,Impact factor-3.767**.
- **G.Gangadevi** and Dr.C.Jayakumar (2021)” An Efficient Crop Field Disease Prediction using a Novel Parallel Mini Patch Aggregation Neural Network (PMPANN)” communicated to the journal “*Machine Learning* “
- **G.Gangadevi** and Dr.C.Jayakumar (2021)” Review of Deep Learning Architectures used for Identification and Classification of Plant Leaf Diseases” accepted and will be published in Scopus Indexed Wiley Book Chapter “*AI Techniques for Wireless Communication and Networking*”.
- **G.Gangadevi** and Dr.C.Jayakumar (2020)” Study on Plant Disease Detection using Different Classifiers in Image Processing Techniques” published in Springer Book Series named Algorithms for Intelligent Systems ( <https://www.springer.com/series/16171>).
- **G.Gangadevi**, DR.R.Subhashini, G.Anitha, S.M.Ajitha,J.MenakaGandhi “An Android Application For Pest Detection and Classification Using Regional Convolution Neural Network “*International Journal of Advance Science and Technology Vol 29 , No. 10S , (2020), pp. 7469 -7475*

- **G.Gangadevi** and Dr.C.Jayakumar (2019), “An Efficient Crop Field Management Using Bi Directional LSTM Neural Network” on International Conference on Recent Trends in Computing, Communication and Networking Technologies (ICRTCCNT’19), Oct 18-19, 2019 Published in Elsevier.SSRNDigitalLibrary.SRN: <https://ssrn.com/abstract=3432218> or <http://dx.doi.org/10.2139/ssrn.3432218>.
- **G.Gangadevi** and Dr.C.Jayakumar (2018) ,” Intelligent pest Management Using Fuzzy Logic” on International Conference on Cloud Coginitive IoT with Big Data & Cloud (ICCIBC’18),Oct 25th-26th, 2018.

**Patents:**

1. Self Learning kit for incorporating mind education of children using machine learning -202341008671. (2022)
2. “Leaf diseases and infection prediction of levels in combination with process identity using Deep Learning Technique”. (2022)
- 3.

**Professional Bodies:**

1. Member in Indian Society for Technical Education (Member ID: 137622)
2. International Association of Engineers (IAENG) (Member No: 330636), Hongkong, HK.

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