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Dr. Vinoth R, is working as Assistant Professor in the Department of CSE at SRMIST, Ramapuram campus. He holds a Ph. D degree in the field of Deep Learning & Big Data from Anna University, Chennai since 2022. He has 12 years of teaching experience with good programming skills. He is a recognized supervisor under Anna University, Chennai. He is certified in various courses from Coursera and NPTEL. He has published articles in National and International Journals, Conferences and Symposiums.

Area of Research:

Artificial Intelligence - Deep Learning & Big Data

Selected Publications:

1. Social Acceptance and Preference of EV Users—A Review, **IEEE Access** (Volume: 11) February 2023, Page(s): 11956 - 11972, ISSN: 2169-3536, DOI: 10.1109/ACCESS.2023.3241636. [**Indexed in SCI & WoS**]
2. Realization of Sustainable Development Goals with Disruptive Technologies by Integrating Industry 5.0, Society 5.0, Smart Cities and Villages, **Sustainability- MDPI**, Vol. 14, No. 22, (Nov-2022), ISSN: 2071 – 1050, DOI: 10.3390/su142215258. [**Indexed in SCI, WoS & Scopus**]
3. Rider Chicken Optimization Algorithm-Based Recurrent Neural Network for Big Data Classification in Spark Architecture, **The Computer Journal**, Oxford University Press London, Vol. 65, No. 08, (Aug-2022) ISSN: 0010 - 4620, DOI: 10.1093/comjnl/bxab053. [**Indexed in SCI, WoS**]

4. Deep Recurrent Encoder Network and Spark Model for Angiographic Disease Risk Classification, **International Journal of Pattern Recognition and Artificial Intelligence - World Scientific**, Vol. 36, No. 04, (March-2022), ISSN: 0218 - 0014, DOI: 10.1142/S0218001422500100. [**Indexed in SCI, WoS**]
5. A Comprehensive Review on Sustainable Aspects of Big Data Analytics for the Smart Grid, **Sustainability - MDPI**, Vol. 13, No. 23, (Nov-2021) ISSN: 2071 – 1050, DOI: 10.3390/su132313322. [**Indexed in SCI, WoS & Scopus**]
6. Opposition Based Artificial Flora Algorithm for Load Balancing in LTE Network, **Wireless Personal Communications – Springer**, Vol. 118, (Jan-2021) ISSN: 0929 - 6212 , DOI: 10.1007/s11277-020-08006-6. [**Indexed in SCI, WoS**]

Patent Publication :

1. “An Intelligent Cost-Effective Mitigation or Alert System for Flash Flood Catastrophe Control” **Australian Patent** : Application No.2021100687 Published Date : March 2021
2. “IOT Based Garbage Pail Monitoring System” **Indian Patent** : Application No.202041054169 A Published Date : 18-12-2020
3. “ IOT Based Street Light Monitoring System ” **Indian Patent** : Application No.202041054170A Published Date : 18-12-2020
4. “IOT Enabled Computational Analysis of Soil Yield and Fertilizer Analysis” **Indian Patent** : Application No: 202041036812 A Published Date : 11-09-2020
5. “IOT Enabled Water Level and Quality Monitoring System For Lake” **Indian Patent** : Application No: 202041036811 A Published Date : 11-09-2020
6. “IOT Enabled Optimization Scheme for Fishery Management System” **Indian Patent** : Application No: 202041007643 A Published Date : 24-04-2020

7. “Design of Digital Acoustic Tracker for Cross Road Vehicle Management System” **Indian Patent** : Application No: 202041007642 A Published Date : 24-04-2020
8. “A Design and Development of Smart Aquaculture System in a Cloud Environment using IoT” **Indian Patent** : Application No: 201941054593 Published Date : 24-01-2020

Professional Bodies:

1. IEEE Membership ID: 95609408
2. The Institution of Engineers (India) - Membership ID: M-166392-5
3. The Indian Society for Technical Education (ISTE) – Life Membership ID: LM-128339
4. Computer Society of India (CSI)
5. International Association of Engineers (IAENG)

Google Scholar: <https://scholar.google.com/citations?hl=en&user=4uWXSEQAAAAJ>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=57365358000>

Web of Science: <https://www.webofscience.com/wos/author/record/F-9570-2019>

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