




Faculty Name	Dr. Ramchand Vedaiyan	
Academic Designation	Assistant Professor (Senior Scale)	
Educational Qualification	Ph.D, M.Tech, M.Sc.	
Experience in Teaching & Industry	12 years	
Date of Joining	16 – 06 – 2025	
Official Email ID	ramchand-cysec@dsatm.edu.in	
Employee ID	180860	

Educational Details

Ph.D, M.Tech, M.Sc.

Professional Experience

12 YEARS

Publications

- Ramchand Vedaiyan, and Salavutheen Noortheen “Data Beyond the Boundaries A Threat from the Dark-web a Macro Study.** International Conference on Social Research and Innovation, Villa college in Affiliation with University of West of England Bristol, June 2024.
- Ramchand Vedaiyan, **“Exploring Traditional and Advanced Cloud Computing Architecture”** i-manager’s journal on Cloud Computing, DOI: <https://doi.org/10.26634/icc.10.1.19936> Vol 10, No 1, January – June 2023.

3. **Ramchand Vedaiyan**, R Joshua Samuel Raj and Helen Josephine VL “Wireless Sensor Networks in Precision Monitoring of Crops”. International Conference on Sustainable Computing and Data Communication Systems (ICSCDS) DOI: 10.1109/ICSCDS53736.2022, **IEEE Xplore**, **April 2022**.
4. Helen Josephine V L, **Ramchand Vedaiyan**, V. M. Arul Xavier, Joy Winston J, A. Jegatheesan, D. Lakshmi and Joshua Samuel Raj. “**Hybrid Bacterial Foraging Optimization with Sparse Autoencoder for Energy Systems**”, Computer Systems Science & Engineering. Tech Science Press. DOI: 10.32604/csse.2023.030611, **August 2022**.
5. Joshua Samuel Raj. R, S. Anantha Babu, Joy Winston James, **Ramchand Vedaiyan**, “**ARIMA based Time Series Analysis: Forecast COVID-19 Most Vaccinated Process and Active Cases classify using Probability Distribution Curve Rates (ARIMAPDC)**”. Proceedings of the Second International Conference on Smart Electronics and Communication (ICOSEC). **IEEE Xplore** Part Number: CFP21V90-ART; **ISBN: 978-1-6654-3368-6 DOI: 10.1109/ICOSEC51865.2021.9591774. October 2021**.
6. Ramchand Vedaiyan "An Enhanced Approach for Multi Modal Sentimental Analysis in Natural Language Processing," Recent Developments in Machine and Human Intelligence, September 2023. DOI:[10.4018/978-1-6684-9189-8.ch006](https://doi.org/10.4018/978-1-6684-9189-8.ch006).
7. Ramchand Vedaiyan Throughput Analysis of Power Control B-MAC Protocol in WSN, Int. J. Wireless & Mobile Networks, Vol. 4(3), 2012
8. Ramchand Vedaiyan Z-MAC an Analytical Model for Wireless Sensor Networks, Int. J. Ad Hoc, Sensor & Ubiquitous Computing, Vol. 2(4), 2011.
9. Ramchand Vedaiyan ARIMA based Time Series Analysis for COVID-19 Vaccination and Cases Forecasting, IEEE ICOSEC, DOI: 10.1109/ICOSEC51865.2021.9591774, October 2021.

International Conferences:

1. Salavutheen Noortheen, Sivakumar Thankaraj Ambujam, Nafeena Abdul Manaf and **Ramchand Vedaiyan** “Factors Influencing Students Admission in Engineering and Technology – key Impediments in the context of Maldives”. **International Conference on Social Research and Innovation, Villa college in Affiliation with University of West of England Bristol, June 2023.**
2. **Ramchand Vedaiyan**, S. Thirukumaran, G. Raja and Salavutheen Noortheen “Approach on enhancing skills and professional development scope of Computer Science and IT graduates”. International Conference on Sustainable Materials & Advances in Renewable

National Conferences:

NA

Conference Attended

N/A

Awards

Engineering and Technology Research Fellowship 2009.

Academic Activity

International Conference on Sustainable Materials & Advances in Renewable Technologies (SMART '24), **August 2024. Part of organizing team, Moderator and Member of editorial board.**

Faculty Development Activity/Workshops

- ✓ Professional Development Seminar (SSAPI Project) **Villa college, Maldives, 23 – 31 January 2023.**
- ✓ Webinar on Online Teaching **Manipal GLOBALNXT University, 20th January 2023, Technologies (SMART '23), March 2023.**

Contact Details

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