Dr Ramesh Vatambeti

Contact Details:

Professor,

Department of Computer Science and Engineering,

Tezpur University, Tezpur 784 028, Assam,
India.

E-Mail: rameshv@tezu.ernet.in,

v2ramesh634@gmail.com

Ph: 7729992929

Qualification:

Ph.D. (CSE) – Sathyabama University, Chennai.

M.Tech. (IT) - Sathyabama University, Chennai.

B.Tech. (CSE) – Sri Venkateswara University, Tirupati.

Experience:

I have 20 years of teaching experience. Prior to joining Tezpur University, I served as a Professor in the Department of Computer Science and Engineering at VIT-AP University.

Research Publications:

https://www.scopus.com/authid/detail.uri?authorId=57194207919

Selected Research Publications:

1. Ramesh Vatambeti, Srihari Varma Mantena, K.V.D. Kiran, Srinivasulu Chennupalli, M Venu Gopalachari, "Black hole attack detection using Dolphin Echo-location-based machine learning model in MANET environment", Computers and Electrical Engineering, Elsevier, Vol. 114, March 2024.

2. Damera, V.K., Vanitha, G., Indira, B. Ramesh Vatambeti. Improved snake optimization-based task scheduling in cloud computing. Computing (2024).

3. Sanshi S, N Karthik, Vatambeti R. IoT energy efficiency routing protocol using FHO-based clustering and improved CSO model-based routing in MANET. Int J Commun Syst. 2024; Wiley. e5756. doi:10.1002/dac.5756

4. Vatambeti, R., Venkatesh, D., Mamidisetti, G. et al. Prediction of DDoS attacks in agriculture 4.0 with the help of prairie dog optimization algorithm with IDSNet. Scientific Reports, 13, 15371 (2023).

5. Vatambeti, R., Krishna, E.S.P., Karthik, M.G. et al. Securing the medical data using enhanced privacy preserving based blockchain technology in Internet of Things. Cluster Computing (2023).

6. Vatambeti, R., Mantena, S.V., Kiran, K.V.D. et al. Twitter sentiment analysis on online food services based on elephant herd optimization with hybrid deep learning technique. Cluster Computing (2023).

7. Vatambeti, R., Sanshi, S. & Krishna, D.P. An efficient clustering approach for optimized path selection and route maintenance in mobile ad hoc networks. J Ambient Intell Human Comput , 14, 305–319.

8. Nanditha B, Veeramallu Bobba, Ramesh Vatambeti, "A Novel Georouting Potency based optimum spider monkey approach for avoiding congestion in energy efficient Mobile Ad-Hoc Network", Wireless Personal Communications, 2021.

9. Raviteja Kocherla, Ramesh.Vatambeti, "An efficient routing strategy for energy management in Wireless Sensor Network using hybrid routing protocols", *Wireless Personal Communications, 2021.*

10. Ramesh.Vatambeti, "A Novel Wolf Based Trust Accumulation Approach for Preventing the Malicious Activities in Mobile Ad Hoc Network", Wireless Personal Communications, Springer, Vol. 111, No.4.,2020.