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Dr.V.Nivedita is working as Assistant Professor in the Department of CSE at SRMIST, Ramapuram campus. She holds a Ph. D degree in the field of Mobile Ad-hoc Network (MANET) from Anna University, Chennai since 2021. She has 6 years of teaching experience with good programming skills. She has published articles in National and International Journals, Conferences and Symposiums.

Area of Research:

Computer Networks, Mobile Ad-Hoc Network.

Selected Publications:

1. Nivedita, V & Nandhagopal, N 2020, ‘Improving Qos and Efficient Multi-hop and Relay Based Communication Framework Against Attacker In MANET’, Journal of Ambient Intelligence and Humanized Computing, Springer Publication, March 2021, ISSN: 1868-5137, vol. 12, no. 3, pp. 4081-4091.
2. Nivedita, V & Nandhagopal, N 2021, ‘Trust Management-Based Service Recovery and Attack Prevention in MANET’, IASC- Intelligent Automation and Soft Computing, Tech Science Press Publication, July 2021, ISSN: 1079-8587, vol. 29, no. 3, pp. 771-786.
3. “A System for Timely and Controlled Information Sharing in Emergency Situations” V. Nivedita, K. Sathya and P. Manjula on International Journal of Advance Research in Computer Science and Technology.
4. “An user to user correlation with attribute based encryption on OSN MODEL” V. Nivedita on International Journal of Advanced Research in Computer Science and Software Engineering.

5. "Effectual Cloud Instance Procurement using Dynamic Programming" V. Nivedita on International Journal of Advanced Research in Computer Science and Software Engineering.
6. "Service Delegation and Resource Provisioning Among Cloud-Fog-Iot Environment Based On Container As A Service (Caas)" Dr.N.Nandhagopal, V.Nivedita on International Journal of Scientific research and Review.
7. "A Survey of an Eye Tracking – Eye Tracking Techniques and Applications" Dr.N.Nandhagopal, V.Nivedita on Suraj Punj Journal For Multidisciplinary Research (UGC Journal).
8. "A Survey of Filtering Techniques for Image Enhancement" Dr.N.Nandhagopal, V.Nivedita on International Journal of Research (UGC Journal).
9. "An FPGA-Based Real-Time Human Eye Pupil Detection System Using E2V Smart Camera" Dr.N.Nandhagopal, V.Nivedita, S.Navaneethan on Journal of Computational and Theoretical Nanoscience (Scopus Indexed Journal).
10. "A Framework Of IOT Service Assignment To Mitigate The Service Latency With Collaboration Of Fog And Cloud" – Dr.N.Nandhagopal, V.Nivedita on Journal of IEEE ICECCT 2019 .
11. "A Regulation Scheme Based on the Key Policy Attribute Based Encryption in Bitcoin System" – Dr.N.Nandhagopal, V.Nivedita, S.Navaneethan on International Journal of Scientific Research and Review.
12. "Human Eye Pupil Detection System for Different IRIS Database Images" - Dr .N.Nandhagopal, V.Nivedita, S.Navaneethan, A.Parimala, Dinesh Valluru on Journal of Computational and Theoretical Nanoscience.

Patents:

1. IoT and Cloud based voice with advance automation system using Google Assistant, Date of Publication: 09.09.2022.
2. System For Blind Person Intelligent Walking Stick By Integrating Machine Learning And Internet Of Things, Date of Publication: 25.11.2022.
3. A System For Detection Of Breast Cancer Based On Iot And Machine Learning Algorithm, Date of Publication: 30.12.2022.
4. System for Artificial Intelligence Based Transceiving Signal in 6G Wireless Communication Network, Date of Publication: 21.03.2023.
5. Performance and Accuracy Analysis of Signature Verification Using Integer Wavelet Transform, Date of Publication: 08.05.2022.

6. WSN AI Based Real Time Vehicle Automation And Enhanced Safety,Security And Tracking System By Iot Network, Date of Publication: 21.03.2022.
7. IOT Driven AI Based Intelligent Streetlight Monitoring System Using Micro Controller, Date of Publication: 16.03.2022.

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