Faculty Profile

Dr. Daniel Madan Raja S

Associate Professor

School of Computer Science and Technology
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Academic Background

Degree	University	Year
Ph.D	Anna University	2013
M.E	University of Madras	2003
B.E	University of Madras	2001

Courses Taught

- Cryptography and Network Security
- Computer Networks
- Information Security
- System Software
- Computer Architecture
- Mobile Communications
- Object Oriented Analysis and Design
- Operating Systems

Research Interests

- Image Processing
- Machine Learning
- Networks
- Data Mining

Most recent Publications

1. Karthikeyan G, Komarasamy G and **Daniel Madan Raja S,** "Design of an Efficient Decision Support System using Evolutionary Deep Forward Neural Network Model", Journal of Intelligent and Fuzzy Systems, Vol. 44, No. 4, pp. 7027 - 7042, 2023 **(WoS, Scopus, SCI)**

2. Hariharan R, Komarasamy G and **Daniel Madan Raja S**, "Implementation of ID-based Audit Protocols to Enhance Security and Productivity", Computer Systems Science and Engineering, Vol. 46, No. 1, pp. 873 - 882, 2023 **(WoS, Scopus, SCI)**

3. Srinitya, G, Sharmila, D, Logeswari, S and **Daniel Madan Raja S,** "Automated SAR Image Segmentation and Classification using Modified Deep Learning", International Journal of Pattern Recognition and Artificial Intelligence, Vol. 37, No. 1, 2023 **(Scopus, SCI)**

4. Hariharan R, Komarasamy G and **Daniel Madan Raja S**, "Public Auditing using Identity Based Cryptosystems on Multi-Copy Data Integrity in Cloud", ICTACT Journal on Communication Technology, Vol. 13, No. 3, Sep 2022. **(UGC)**

5. Srinitya, G, Sharmila, D, Logeswari, S and **Daniel Madan Raja S**, "Certain Investigations on Image Segmentation Algorithms on Synthetic Aperture Radar Images and Classification using Convolution Neural Network", Concurrency and Computation Practice and Experience, Vol. 34, No. 10, 2022 **(Scopus, SCI)**

6. Reshmi T S, **Daniel Madan Raja S** and Priya J, "Fake News Detection Using Source Information and Bayes Classifier", IOP Conference Series: Materials Science and Engineering, Vol. 1084, March 2021. **(Scopus)**

7. Sridharan K, Komarasamy G and **Daniel Madan Raja S,** "Hadoop framework for efficient sentiment classification using trees", IET Networks, Vol. 9, No. 5, pp 223-228, Sep 2020. **(Scopus,SCI)**

8. Sathyabalaji N, Komarasamy G and **Daniel Madan Raja S,** "Secure and Privacy-Preserving Keyword Search Retrieval Over Hashed Encrypted Cloud Data", International Journal of Communication Systems, e4274 - DEC 2019. **(Scopus, SCI)**

9. Reshmi T S and **Daniel Madan Raja S,** "A Review on Self Destructing Data:Solution for Privacy Risks in OSNs", Proceedings of International Conference on Advanced Computing and Communication Systems, ICACCS 2019, 2019, pp. 231–235, March 2019. **(Scopus)**

10. S. Sundaramurthy, A. Kavitha, **S. Daniel Madan Raja**, and Amitabh Wahi, "Extracting the Edge Information from the Digital Images for Cloud Storage Using Fractals and Two Dimensional Discrete Wavelet Transforms", Journal of Computational and Theoretical Nanoscience, Vol. 15, No. 5, pp 1734–1738, 2018. **(Scopus)**

Memberships in Professional societies

- ISTE (Life Member)

- International Association of Engineers (IAENG)

- International Society for Research and Development (ISRD)

Significant achievements

- Presented the research contributions at International forums (Singapore and China)

- Received financial Assistance from DST, New Delhi to attend International Conference @ China

- Acted as Session chair @ International Conference, China

- Published four Indian Patents

- Published a book chapter titled "Artificial Neural Networks Based War Scene Classification using Various Feature Extraction Methods: A Comparative Study", Lecture Notes in Computer Science, Springer, Vol. 7004, pp. 300-309, 2011.