



Mr. Ch. Seshadri Rao

Associate Professor

Department

Computer Science Engineering

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Academic Background

M.Tech (Computer Science Engineering) – Pragati Engineering College

B.Tech (Computer Science Engineering) – Avanthi Institute of Technology and Management

Mr. Ch. Seshadri Rao has 15years of experience in the field of programming & data Structures and computer architecture. He has been proficient in teaching subjects like C, Java, Data Structures, Advanced Data Structures, Computer Networks, Web Technologies.

He has published 8 papers in various journals 7 papers in international conferences which are indexed in Scopus and Science Citation Indexing.

He is a life-member of professional group CSI-Computer Society of India.

Research Interests:

Machine Learning, Soft Computing, Network Security.

Achievements:

Received **GOLD MEDAL**(M. Tech).

Certified AWS Cloud Practitioner.

Journal Publications

"A Multilevel Image Encryption based on Duffing map and Modified DNA Hybridization for Transfer over an Unsecured Channel" published in International Journal of Computer Applications, Vol 120.

"An Efficient and Optimal Solution Based Document Clustering" published in International Journal of Computer Science and Technology (IJCSST), Vol.3, Issue2, April-June 2012. ISSN: 0976-8491(online).

"Frequency analysis of Geographically Closer People through tweeted location using Supervised Machine Learning" published in IJRAR, E-ISSN 2348-1269, P- ISSN 2349-5138 Volume 6, Issue 2, June 2019.

"Analyzing Wholesale Customer Data with Machine Learning Techniques" published in Journal of Information and Computer Science, ISSN NO: 1548-7741, Volume 10, Issue 5, May 2020.

"Machine Learning and Visual Behaviour Techniques to Detect Driver Drowsiness" published in Journal of Information and Computer Science, ISSN NO: 1548-7741, Volume 10, Issue 7, July 2020.

"Comprehension Of Conventional Neural Networks (CNN)-Deep Learning" published in Compliance Engineering Journal,ISSN NO: 0898-3577, Vol 11, Issue 8, August 2020.

"Implementation of Feature Based Opinion Mining using Hadoop Map Reduce Framework" published in Journal of Information and Computer Science, ISSN NO: 1548-7741, Volume 9, Issue10, February 2020.

Conference Publications

"Generating digital signature using DNA coding" published in Proceedings of the 3rd International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA) 2014, Springer-Cham AISC series, Vol 328, Print ISBN 978-3-319-12011-9.

"A hybrid approach for image edge detection using neural network and particle Swarm optimization" published in Emerging ICT for Bridging the Future-Proceedings of the 49th Annual Convention of the Computer Society of India (CSI) Volume 1, Springer-Cham AISC series, Vol 337, Print ISBN 978-3-319-13727-8.

"Cryptography Technique for a Novel Text Using Mathematical Functions" published in Proceedings of the Second International Conference on Computer and Communication Technologies, Springer-New Delhi AISC Series, Vol 381, Print ISBN 978-81-322-2525-6.

"Efficient Detect File Watcher for Data Leakage" published in the proceedings of International Conference on Recent Advances in Computer Sciences 2012 in June 2012.

"An Efficient Transformation Technique by Using Caching and Routing Protocols" published in the proceedings of International Conference on Recent Advances in Computer Sciences (ICSE 2012).

"Detection and Modeling with Camouflaging Worm" published in the proceedings of International Conference on Recent Advances in Computer Sciences (ICSE 2012).

"Compression Based Mod Encoding Mechanism with Diffie-Hellman Protocol" published in the proceedings of International Conference on Recent Advances in Computer Sciences (ICSE 2012).

"Analyzing and Predicting Covid-19 epidemic using Machine Learning Technique" published in IOP Conference Series: Materials Science and Engineering, 1074 (2021) 012018,doi:10.1088/1757-99X/1074/1/012018.