

Faculty Profile



Name: Dr. S. KAUSHIK

Designation: Associate Professor

Teaching Areas: Cloud Computing, Computer Networks, Operating Systems, Internet of Things (IoT), Blockchain Technology.

Research Interests: Cloud Computing, Cloud Security, Deep Learning, Blockchain Technology.

Education:

- Ph.D. from VIT University, Vellore, 2015.
- M.E (CSE) from Anna University, Chennai, 2008.
- B.Tech (CSE) from SASTRA University, Thanjavur, 2005.

Research / Selected Publications:

Journal Publications (22):

1. "Content based load balancing of tasks using task clustering for cost optimization in cloud computing environment" by Kaushik Sekaran and VenkataKrishna.P, in International Journal of Advanced Intelligence Paradigms(IJAIP), Inderscience Publishers, 2022 Vol.21, No.1/2, pp.1 – 17, Scopus indexed.
2. "Enriched Grey Wolf Optimization Algorithm for solving Global Optimization Problems", R. Rajakumar, Kaushik Sekaran, Technological Forecasting & Social Change, Elsevier, Impact Factor: 8.546. vol. 169, issue C, August 2021, SCI-E indexed.
3. "Improving The Response Time Of M-Learning and Cloud Computing Environments Using a Dominant Firefly Approach", Kaushik Sekaran, Mohammed S. Khan, IEEE Access, Volume: 7, Page: 30203 – 30212, Feb 2019 – ISSN: 2169-3536, SCI-E indexed.
4. "Deep Learning Convolutional Neural Network (CNN) with Gaussian Mixture Model for predicting Pancreatic Cancer", 2019, Kaushik Sekaran,P.Chandana, Seifedine kadry, Multimedia Tools and Applications, Springer, ISSN: 1380-7501, 2019, Impact Factor 1.541, SCI-E indexed.

International Conferences (4):

1. "Combating Distributed Denial Of Service Attacks Using Load Balanced Hadoop Clustering In Cloud Computing Environment", International conference - 2018 2nd International Conference on Digital Technology in Education (ICDTE 2018) October 10-12, 2018, in Bangkok, Thailand, <http://www.icdte.org/icdte2018.html>

Book Chapters (4):

1. Blockchain for e-healthcare: an opportunity for enhancing inoperability challenges faced by block chain based applications, Dr. Kaushik Sekaran, Published in IET Book on Healthcare Technologies, 2021, Blockchain and Machine Learning for e-Healthcare Systems, <https://www.theiet.org/media/5540/healthcare-ebooks-lowres.pdf> (IET- Scopus).

Patents (3):

1. Indian Patent Title: "Improved Authentication and Computation Of Medical Data Transmission In The Secure IoT Using Hyperelliptic Curve Cryptography.", 2022, Application Number: IN-202141058582.