

Faculty Profile

Name : Dr. Naresh Kumar
Designation : Professor
Qualifications : Ph. D.
Phone :
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Area of Interest/Specialization: Web Technologies
Experience : 15+ years



Key Publications

1. Kumar, N., Manzar, J., & Garg, S. (2023). Underwater Image Enhancement using deep learning. *Multimedia Tools and Applications*, 1-21, 2023.
2. N. Kumar et al., "Automated Deep Transfer Learning-Based Approach for Detection of COVID-19 Infection in Chest X-rays", in IRBM Elsevier, 1959-0318, July 2020.
3. N. Kumar et al. "Efficient automated disease diagnosis using machine learning models", in *Journal of Healthcare Engineering*, 2040 -2295, pp.1-13, 2021.
4. N. Kumar et al., "Meta-heuristic based deep COVID-19 screening model from chest x-ray images", *Advancements in Computational Model-based Medical Image Analysis*, 2040 – 2295, 2021.
5. N. Kumar et al. " NSGA-III based deep learning model for biomedical search engines", *Mathematical Problems in Engineering*, 1563-5147, pp. 1-8, 2021.
6. N. Kumar, et al., Novel deep transfer learning model for COVID-19 patient detection using X-ray chest images, in *Journal of Ambient Intelligence and Humanized Computing*, 1868-5137 / 1868-5145, 1 May 2021.
7. N. Kumar et al., "Emerging technologies and trends in cloud computing", *Compusoft*, Vol. 8(6), pp. 3146–3149, 2019.
8. N. Kumar et al. "An improved crawler based on efficient ranking algorithm", *International Journal of Advanced Trends in Computer Science and Engineering*, Vol 8(2), pp. 119– 125, 2019.
9. N. Kumar et al., "Research on mechanism and challenges in meta search engines" *International Journal of Innovative Technology and Exploring Engineering*, Vol 8(9 Special Issue 2), pp. 281–284, 2019.

10. N. Kumar et al. EGCrypto: A Low-Complexity Elliptic Galois Cryptography Model for Secure Data Transmission in IoT. *IEEE Access*, pp. 90739 – 90748, 2023.
11. N. Kumar et al., "Border surveillance using face recognition, mobile OTP and email", *IJUMEngineering journal*, Vol 21(2), pp.143–152, 2020.

Papers presented in Conferences

S. No	Title	Conference Name
1	Reduction of Load on Network using Compression Technique with Web Crawler	7th International Conference on Advances in Computer Sciences, Software Solutions, E-Learning, Information & Communication Technology
2	A Survey on Reduction of load on the Network	Advances in Intelligent System and Computing by Springer International Publishing house
3	Implementation and Analysis of PR, WPR and WPR with Similarity	International Conference on Advanced Computing and Communication Technologies
4	A Novel Architecture for Parallel Crawler based on Focused Crawling	6th Multi-Conference on Intelligent Systems, Sustainable, New and Renewal Energy Technology & Nanotechnology
5	An Approach for Page Organization Using Clustering, Ranking and Cluster Representative	International Conference on Emerging Trends in Engineering and Technology
6	Analogy Among Various Webpage Ranking Algorithms	5th International Conference on “Computing for Sustainable Global Development
7	Survey on Crawling Techniques	5th International Conference on “Computing for Sustainable Global Development

Memberships of Professional bodies: ISTE