

## **Publication (2022-2023)**

### **Journal Papers**

Onyema, E. M., **Khan, R.**, Eucheria, N. C., & Kumar, T. (2023). Impact of Mobile Technology and Use of Big Data in Physics Education During Coronavirus Lockdown. *Big Data Mining and Analytics*, 6(3), 381-389, DOI: 10.26599/BDMA.2022.9020013

**Khan, R.**, & Amjad, M. (2022). Applying genetic algorithm to optimise the software testing efficiency with Euclidean distance. *International Journal of Advanced Intelligence Paradigms*, 23(1-2), 72-88, <https://doi.org/10.1504/IJAIP.2022.125234>

Tyagi, A., Alelyani, S., Katiyar, S., Hussain, M. R., **Khan, R.**, & Alsaqer, M. S. Radial Basis Approximations Based BEMD for Enhancement of Non-Uniform Illumination Images, DOI: 10.32604/csse.2023.026057

**Kumar, S.**, Ojha, J., Tripathi, M. M., & Garg, K. (2023). Integrated e-healthcare management system using machine learning and flask. *International Journal of Electronic Healthcare*, 13(1), 71-90, <https://doi.org/10.1504/IJEH.2023.128607>

**Kumar, S.**, Maurya, R. K., Yadav, S. K., & Kaushik, B. N. (2022). A comparative study and implementation of neuro-fuzzy and decision tree for malignant tumour detection system. *International Journal of Advanced Intelligence Paradigms*, 23(3-4), 410-422, <https://doi.org/10.1504/IJAIP.2022.126699>

**Kumar, S.**, Banka, H., & Kaushik, B. (2023). Ultra-lightweight blockchain-enabled RFID authentication protocol for supply chain in the domain of 5G mobile edge computing. *Wireless Networks*, 1-22, <https://doi.org/10.1007/s11276-023-03234-7>

**Kumar, S.**, Tiwari, H., & Jaiswal, M. (2023). Diabetes prediction using optimisation techniques with machine learning algorithms. *International Journal of Electronic Healthcare*, 13(2), 158-168, <https://doi.org/10.1504/IJEH.2023.130515>

**Krishna Bihari Dubey** and Mukta Goyal, Smart Certificate using Blockchain, *Journal of Computer Science* 2022, 18 (9): 877.884 DOI: 10.3844/jcssp.2022.877.884

**Bharti, V.**, Rathi, V., & Verma, H. (2022). Smart System Using IoT to Protect the Kitchen From Fire. *International Journal of Distributed Artificial Intelligence (IJDAI)*, 14(2), 1-10. <http://doi.org/10.4018/IJDAI.313936>

## Conference Papers

**Sharma, Avinash** & Mittal, Abhyudaya & Kapoor, Aashna & Tiwari, Aditi. (2023). Alphabet Recognition of Sign Language Using Machine Learning. *Advances in Transdisciplinary Engineering*, 1st International Conference on Recent Developments in Electronics and Communication Systems, DOI: 10.3233/ATDE221310.

**Sharma, Avinash** & Mittal, Pratiyaksha & Ranjan, Ritik & Chaturvedi, Rishabh. (2023). Bank Robbery Detection System Using Computer Vision. *Advances in Transdisciplinary Engineering*, 1st International Conference on Recent Developments in Electronics and Communication Systems, DOI: 10.3233/ATDE221322.

**Saraswat, S.**, Faujdar, N., & Sharma, S. (2023, March). Comparative Examination of Fake News Recognition Using an Ensemble of Numerous Machine Learning Algorithms. In 2023 6th International Conference on Information Systems and Computer Networks (ISCON) (pp. 1-5). IEEE, DOI: 10.1109/ISCON57294.2023.10111965

**Saraswat, S.**, Bhardwaj, S., Vashistha, S., & Kumar, R. (2023, March). Sentiment Analysis of Audio Files Using Machine Learning and Textual Classification of Audio Data. In 2023 6th International Conference on Information Systems and Computer Networks (ISCON) (pp. 1-5). IEEE, DOI: 10.1109/ISCON57294.2023.10112195

**Upadhyay, P.**, Garg, B., Tyagi, A., & Tyagi, A. (2023, March). Face Recognition Using EfficientNet. In *Proceedings of International Conference on Recent Trends in Computing: ICRTC 2022* (pp. 679-692). Singapore: Springer Nature Singapore, [https://doi.org/10.1007/978-981-19-8825-7\\_58](https://doi.org/10.1007/978-981-19-8825-7_58)

**P. Upadhyay**, S. Srivastava, S. S. Pandey and A. Goel, "Lane Line Detection Using Machine Learning," 2022 3rd International Conference on Issues and Challenges in Intelligent Computing Techniques (ICICT), Ghaziabad, India, 2022, pp. 1-6, DOI: 10.1109/ICICT55121.2022.10064598.

## Book Chapters

**Sharma, A. K.**, Tripathi, P. K., & Sharma, S. (2023). Role of Artificial Intelligence in Biomedical imaging In *Advancements in Bio-Medical Image Processing and Authentication in Telemedicine* (pp. 17-34). IGI Global, DOI: 10.4018/978-1-6684-6957-6.ch002

Pandey, K., Pandey, D., & **Khan, R.** (2023). A Medical Assistant for the Visually Impaired. In *Advancements in Bio-Medical Image Processing and Authentication in Telemedicine* (pp. 91-110). IGI Global, DOI: 10.4018/978-1-6684-6957-6.ch006