



ABES Institute of Technology, Ghaziabad

Department of Computer Science and Engineering

Research Publication (Session 2020-21)

1. **Khan, R.**, Qahmash, A., & Hussain, M. R. , Soak Testing of Web Applications Based on Automatic Test Cases. *International Journal of Engineering Research and Technology*. ISSN 0974-3154, Volume 13, Number 12 (2020), pp. 4746-4750.
2. **Khan, R.**, Qahmash, A., & Hussain, M. R. Automatic Testing for Web Application Using HP-ALM Tool. *International Journal of Engineering Research and Technology*. ISSN 0974-3154, Volume 13, Number 12 (2020), pp. 4746-4750.
3. Tyagi, N., Chauhan, N., Sigal, A., & **Khan, R.** (2020). SANJYOT–WE SAVE LIFE Using Big Data-Apache Spark. *EAI Endorsed Transactions on Cloud Systems*, 6(19), 166660.
4. **Khan, R.**, Shrivastava, P., Kapoor, A., Tiwari, A., & Mittal, A. (2020). Social media analysis with AI: sentiment analysis techniques for the analysis of twitter covid-19 data. *J. Critical Rev*, 7(9), 2761-2774.
5. Mahajan M, Kumar S, Pant B, **Khan R.** Improving Accuracy of Air Pollution Prediction by Two Step Outlier Detection. In 2021 International Conference on Advances in Electrical, Computing, Communication and Sustainable Technologies (ICAECT) 2021 Feb 19 (pp. 1-7). IEEE.
6. Mahajan M, Kumar S, Pant B, Tiwari UK, **Khan R.** Feature Selection and Analysis in Air Quality Data. In 2021 11th International Conference on Cloud Computing, Data Science & Engineering (Confluence) 2021 Jan 28 (pp. 280-285). IEEE.
7. Garg A, Sharma B, **Khan R.** Heart disease prediction using machine learning techniques. In IOP Conference Series: Materials Science and Engineering 2021 (Vol. 1022, No. 1, p. 012046). IOP Publishing.
8. Tyagi N, **Khan R.**, Chauhan N, Singhal A, Ojha J. E-Rickshaws Management for Small Scale Farmers using Big Data-Apache Spark. In IOP Conference Series: Materials Science and Engineering 2021 (Vol. 1022, No. 1, p. 012023). IOP Publishing.
9. **Sharma, A. K.**, & Goel, N. (2021, May). A review paper on Machine Learning (ML). In *Smart Computing: Proceedings of the 1st International Conference on Smart Machine Intelligence and Real-Time Computing (SmartCom 2020)*, 26-27 June 2020, Pauri, Garhwal, Uttarakhand, India (p. 269). CRC Press.
10. **Sharma, J.**, Sharma, K., Garg, K., & Sharma, A. K. (2021). Product recommendation System a Comprehensive Review. In IOP Conference Series: Materials Science and Engineering (Vol. 1022, No. 1, p. 012021). IOP Publishing.
11. Prajapati, A. and **Kumar, S.** (2020) 'PSO-MoSRS: a PSO-based multi-objective software modularisation', *Int. J. Bio-Inspired Computation*, Vol. 15, No. 4, pp.254–263.

12. **Rahul, Govind Kumar**, Saumya Singh, and Saumya Dubey. "Weather Forecasting Using Artificial Neural Networks." 2020 8th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions)(ICRITO). IEEE, 2020.
13. **Singhal, M.**, Yadav, R. & Bhatnagar, H. An intelligent period monitors. In Smart Computing: Proceedings of the 1st International Conference on Smart Machine Intelligence and Real-Time Computing (SmartCom 2020), 26-27 June 2020, Pauri, Garhwal, Uttarakhand, India.2021 May. CRC Press.
14. **Singhal, M.**, Gupta, A., Tiwari, A. & Singh, A. Crop Prediction. In Smart Computing: Proceedings of the 1st International Conference on Smart Machine Intelligence and Real-Time Computing (SmartCom 2020), 26-27 June 2020, Pauri, Garhwal, Uttarakhand, India.2021 May. CRC Press.
15. Yadav, S. P., **Agrawal, K. K.**, Bhati, B. S., Al-Turjman, F., &Mostarda, L. (2020). Blockchain-based cryptocurrency regulation: an overview. Computational Economics, 1-17.
16. **Kumar R.** and Singhal V. (2020), "IoT Enabled Crop Prediction and Irrigation Automation System Using Machine Learning", Recent Advances in Computer Science and Communications, Vol. 13, No. 1, pp. 1-11.
<https://doi.org/10.2174/2666255813999200904132431>

Book Chapter Publication (Session 2020-21)

- 1- Dhingra N., Gupta M., Bhati N., Kumari P., **Khan R.**," Instantiating Descriptions of Organizational Structures" Book- Distributed Artificial Intelligence, Edition1st Edition, First Published 2020, ImprintCRC Press, Pages16, eBook ISBN9781003038467.
- 2- Seem A., Chauhan A. K., **Khan R.**, Yadav S. P.," Distributed Artificial Intelligence for Document Retrieval" Book- Distributed Artificial Intelligence, Edition1st Edition, First Published 2020, ImprintCRC Press, Pages10, eBook ISBN9781003038467.
- 3- Mehta Shikha, **Dubey Krishna Bihari** "E-learning tools and smart campus: boon or bane during COVID-19" Book- E-learning Methodologies Fundamentals, technologies and applications, Edited by: Mukta Goyal, Rajalakshmi Krishnamurthi and Divakar Yadav in IET (Institute of Engineering and Technology). Page: 235 – 252, e book- ISBN 978-1-83953-121-7.