Research Paper / Conference paper / Book Chapter Publication Details
Session 2021-22

[1] Kishor K., Pandey D. (2022). Study and Development of Efficient Air Quality Prediction System Embedded with Machine Learning and IoT. In Deepak Gupta et al. (Eds), Proceeding International Conference on Innovative Computing and Communications. Lect. Notes in Networks, Syst., Vol. 471, Springer, Singapore, https://doi.org/10.1007/978-981-19-2535-1_24 . (Scopus Indexed)

[2] Rai, B. K., Sharma, S., Kumar, G., & Kishor, K. (2022). Recognition of Different Bird Category Using Image Processing. International Journal of Online and Biomedical Engineering (iJOE), 18(07), pp. 101–114. https://doi.org/10.3991/ijoe.v18i07.29639 (Scopus Indexed)

[3] Kishor K. (2022) Communication-Efficient Federated Learning. In: Yadav S.P., Bhati B.S., Mahato D.P., Kumar S. (eds) Federated Learning for IoT Applications. EAI/Springer Innovations in Communication and Computing. Springer, Cham. https://doi.org/10.1007/978-3-030-85559-8_9. (Scopus Indexed)

[4] Kishor K. (2022) Personalized Federated Learning. In: Yadav S.P., Bhati B.S., Mahato D.P., Kumar S. (eds) Federated Learning for IoT Applications. EAI/Springer Innovations in Communication and Computing. Springer, Cham. https://doi.org/10.1007/978-3-030-85559-8_3. (Scopus Indexed)

[5] Rai, B. K. (2022). Patient-Controlled Mechanism Using Pseudonymization Technique for Ensuring the Security and Privacy of Electronic Health Records. International Journal of Reliable and Quality E-Healthcare (IJRQEH), 11(1), 1-15. DOI: 10.4018/IJRQEH.297076 (Scopus Indexed)

[6] Rai, B. K. (2022). Ephemeral pseudonym based de-identification system to reduce impact of inference attacks in healthcare information system. Health Services and Outcomes Research Methodology, 1-19. DOI: 10.1007/s10742-021-00268-2 (ESCI, Scopus Indexed)

[7] Shahzad, F., Abid, F., Obaid, A. J., Kumar Rai, B., Ashraf, M., & Abdulbaqi, A. S. (2021). Forward stepwise logistic regression approach for determinants of hepatitis B & C among Hiv/Aids patients. International Journal of Nonlinear Analysis and Applications, 12(Special Issue), 1367-1396. DOI: 10.22075/ijnaa.2022.5717 (ESCI, Scopus Indexed)

[8] Rai, B.K. BBTCD: blockchain based traceability of counterfeited drugs. Health Serv Outcomes Res Method (2022). https://doi.org/10.1007/s10742-022-00292-w

[9] Rani, P., Verma, S., Yadav, S. P., Rai, B. K., Naruka, M. S., & Kumar, D. (2022). Simulation of the Lightweight Blockchain Technique Based on Privacy and Security for Healthcare Data for the Cloud System. International Journal of E-Health and Medical Communications (IJEHMC), 13(4), 1-15. http://doi.org/10.4018/IJEHMC.309436.

[10] Rai, B. K. (2022). Blockchain-Enabled Electronic Health Records for Healthcare 4.0. International Journal of E-Health and Medical Communications (IJEHMC), 13(4), 1-13. http://doi.org/10.4018/IJEHMC.309438.

[11] Rai, B. K., Fatima, S., & Satyarth, K. (2022). Patient-Centric Multichain Healthcare Record. International Journal of E-Health and Medical Communications (IJEHMC), 13(4), 1-14. http://doi.org/10.4018/IJEHMC.309439.

[12] Rai, B.K., Tyagi, A., Arora, B., Sharma, S. (2022). Blockchain Based Electronic Healthcare Record (EHR). In: Kumar, A., Mozar, S. (eds) ICCCE 2021. Lecture Notes in Electrical Engineering, vol 828. Springer, Singapore. https://doi.org/10.1007/978-981-16-7985-8_19

[13] Sharma, S., Kushwaha, V., Tyagi, V., Rai, B.K. (2022). Automated Voice Assistant. In: Kumar, A., Mozar, S. (eds) ICCCE 2021. Lecture Notes in Electrical Engineering, vol 828. Springer, Singapore. https://doi.org/10.1007/978-981-16-7985-8_20.

[14] Rai, B.K., Zaidi, S.A.H., Singh, D. (2022). DevOps Sensoring Neuro Cluster. In: Kumar, A., Mozar, S. (eds) ICCCE 2021. Lecture Notes in Electrical Engineering, vol 828. Springer, Singapore. https://doi.org/10.1007/978-981-16-7985-8_8

[15] Sharma, S., Rai, B. K., Gupta, M., & Dinkar, M. (2023). DDPIS: Diabetes Disease Prediction by Improvising SVM. International Journal of Reliable and Quality E-Healthcare (IJRQEH), 12(2), 1-11.

[16] Rao, D., Ghosal, P., Sharma, S., & Rai, B. K. (2022, March). SAHYOG: An information-delivery channel using kiosks & honeypot. In AIP Conference Proceedings (Vol. 2424, No. 1, p. 020005). AIP Publishing LLC.

[17] Kesarwani, A., Maheshwari, S., Sharma, S., & Rai, B. K. (2022, March). Hand talk: Intelligent gesture based communication recognition & object identification for deaf and dumb. In AIP Conference Proceedings (Vol. 2424, No. 1, p. 080007). AIP Publishing LLC.

[18] Rai, B. K. (2022). Security Challenges and Solutions for Healthcare in the Internet of Things. In Healthcare Systems and Health Informatics (pp. 235-246). CRC Press.

[19] Rai, B.K. (2022). Security Issues and Solutions for Healthcare Informatics. In: Yadav, S.P., Bhati, B.S., Mahato, D.P., Kumar, S. (eds) Federated Learning for IoT Applications. EAI/Springer Innovations in Communication and Computing. Springer, Cham. https://doi.org/10.1007/978-3-030-85559-8_12

[20] Sharma, S., Kesarwani, A., Maheshwari, S., Rai, B.K. (2022). Federated Learning for Data Mining in Healthcare. In: Yadav, S.P., Bhati, B.S., Mahato, D.P., Kumar, S. (eds) Federated Learning for IoT Applications. EAI/Springer Innovations in Communication and Computing. Springer, Cham. https://doi.org/10.1007/978-3-030-85559-8_16.

[20] Solanki, T., Rai, B.K., Sharma, S. (2022). Federated Learning Using Tensor Flow. In: Yadav, S.P., Bhati, B.S., Mahato, D.P., Kumar, S. (eds) Federated Learning for IoT Applications. EAI/Springer Innovations in Communication and Computing. Springer, Cham. https://doi.org/10.1007/978-3-030-85559-8_10

[21] Rai, B. K. (2022). Patient-Controlled Mechanism Using Pseudonymization Technique for Ensuring the Security and Privacy of Electronic Health Records. International Journal of Reliable and Quality E-Healthcare (IJRQEH), 11(1), 1-15. http://doi.org/10.4018/IJRQEH.297076