

# Publication List

 Md. Mosfikur Rahman

 [mdmosfikurrahman.cse@gmail.com](mailto:mdmosfikurrahman.cse@gmail.com)

## Peer-Reviewed Journal Articles

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1. **Rahman, Md. Mosfikur**, Mohd. Saifuzzaman, Akash Ahmed, Mahfuja Ferdousi Mahin Mahin, and Syeda Farjana Shetu. “Impact of COVID-19 on mental health: A quantitative analysis of anxiety and depression based on regular life and internet use”. In: *Current Research in Behavioral Sciences 2* (2021), p. 100037. DOI: [10.1016/j.crbeha.2021.100037](https://doi.org/10.1016/j.crbeha.2021.100037).
2. Mohd Saifuzzaman, **Rahman, Md. Mosfikur**, Syeda Farjana Shetu, and Nazmun Nessa Moon. “COVID-19 and Bangladesh: Situation report, comparative analysis, and case study”. In: *Current Research in Behavioral Sciences 2* (2021), p. 100034. DOI: [10.1016/j.crbeha.2021.100034](https://doi.org/10.1016/j.crbeha.2021.100034).
3. Syeda Farjana Shetu, **Rahman, Md. Mosfikur**, Akash Ahmed, Mahfuja Ferdousi Mahin Mahin, Md. Abtab Uddin Akib, and Mohd. Saifuzzaman. “Impactful e-learning framework: A new hybrid form of education”. In: *Current Research in Behavioral Sciences 2* (2021), p. 100038. DOI: [10.1016/j.crbeha.2021.100038](https://doi.org/10.1016/j.crbeha.2021.100038).

## Conference Proceedings

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1. **Rahman, Md. Mosfikur**, Mohammad Abul Kashem, Mohammad Mohiuddin, Mohammad Alam Hossain, and Nazmun Nessa Moon. “Future City of Bangladesh: IoT Based Autonomous Smart Sewerage and Hazard Condition Sharing System”. In: *Proceedings of the 2020 IEEE International Women in Engineering (WIE) Conference on Electrical and Computer Engineering (WIECON-ECE)*. 2020, pp. 126–130. DOI: [10.1109/WIECON-ECE52138.2020.9397950](https://doi.org/10.1109/WIECON-ECE52138.2020.9397950).
2. Nazmun Nessa Moon, Shayla Sharmin, Refath Ara Hossain, Israt Jahan, Fernaz Narin Nur, and **Rahman, Md. Mosfikur**. “Deep Learning Model for Detecting and Diagnosing Plant Disease”. In: *Proceedings of the 2021 International Conference on Smart Generation Computing, Communication and Networking (SMART GENCON)*. 2021, pp. 1–8. DOI: [10.1109/SMARTGENCON51891.2021.9645857](https://doi.org/10.1109/SMARTGENCON51891.2021.9645857).
3. **Rahman, Md. Mosfikur**, Musfikur Rahman Foysal, Nazmun Nessa Moon, and Fernaz Narin Nur. “TraFoo: An Android Application for Food Delivery in Train”. In: *Proceedings of the 2021 International Conference on Smart Generation Computing, Communication and Networking (SMART GENCON)*. 2021, pp. 1–7. DOI: [10.1109/SMARTGENCON51891.2021.9645900](https://doi.org/10.1109/SMARTGENCON51891.2021.9645900).
4. Farzana Yesmin, **Rahman, Md. Mosfikur**, Mohd. Saifuzzaman, and Nazmun Nessa Moon. “Pandemic Effect on Education System Among University Students”. In: *Progresses in Artificial Intelligence & Robotics: Algorithms & Applications*. Cham: Springer International Publishing, 2022, pp. 157–168. DOI: [10.1007/978-3-030-98531-8\\_16](https://doi.org/10.1007/978-3-030-98531-8_16).
5. Tariqul Islam, **Rahman, Md. Mosfikur**, Md. Ismail Jabiullah, and Mohd. Saifuzzaman. “Cyber Security Intruder Detection Using Deep Learning Approach”. In: *Information Systems and Management Science*. Cham: Springer International Publishing, 2023, pp. 518–530. DOI: [10.1007/978-3-031-13150-9\\_42](https://doi.org/10.1007/978-3-031-13150-9_42).
6. Fatema Tuj Johora, Alamin-Ul-Islam, Farzana Yesmin, and **Rahman, Md. Mosfikur**. “A New Chaotic-Based Analysis of Data Encryption and Decryption”. In: *Advances in Data Science and Artificial Intelligence*. Cham: Springer International Publishing, 2023, pp. 455–468. DOI: [10.1007/978-3-031-16178-0\\_32](https://doi.org/10.1007/978-3-031-16178-0_32).
7. Fatema Tuj Johora, Israt Binte Mahfuja, A. N. M. Masuqur Rahman, **Rahman, Md. Mosfikur**, and Md. Sadekur Rahman. “Machine Learning-Based Prediction of COVID-19: A Robust Approach for Early Diagnosis and Treatment”. In: *Proceedings of the Fifth International Conference on Trends in Computational and Cognitive Engineering*. Singapore: Springer Nature Singapore, 2024, pp. 205–215. DOI: [10.1007/978-981-97-1923-5\\_16](https://doi.org/10.1007/978-981-97-1923-5_16).