DR. MOHAMMAD MUNIR HOSSAIN

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Jute Research regional station, Chandina, Cumilla-3503, Bangladesh

OBJECTIVE

To work in an environment which encourages me to succeed and grow professionally where I can utilize my skills and knowledge appropriately.

EXPERIENCE

December 2022 - till now	**Principal Scientific Officer** Bangladesh Jute Research Institute (www.bjri.gov.bd) Microbial applications on bast and allied bast fiber bioprocessing.
September 2018 - September 2022	**Research Fellow** Biotechnology Research Institute, UMS (www.ums.edu.my/ipb2/) Principal investigator of a research project focused on microbial bioprocessiong.
November 2015 - October 2028	**Senior Scientific Officer** Bangladesh Jute Research Institute (www.bjri.gov.bd) Conducting field and lab. research

EDUCATION

2023	**Doctor of Philosophy** Biotechnology Research Institute, University Malaysia Sabah, Kota kinabalu -88400, Sabah, Malaysia
2010	**Master of Science** Bangabandhu Sheikh Mujibur Rahman Agricultural University, Salna, Gazipur, Bangladesh
2001	**Bachelor of Science in Agriculture** Shere Bangla Agricultural University, Dhaka 1207, Bangladesh

SKILLS

Field and laboratory experimentation as individual or team member

Verbal and oral communicating skills with peer group

Four wheel driving skill with valid license from Bangladesh and Malaysia

Publishing scientific articles at peer reviewed journal.

Possesses ability to resolve problems relating to scientific experimentation.

PUBLICATIONS

Hossain, M. M., Subbiah, V. K., & Siddiquee, S. (2022). Augmented Retting Effect on Kenaf Fibers Using Alkalophilic Pectinase-Producing Bacteria in Combination with Water Solvents. Applied Sciences, 12(14), 7136. https://doi.org/10.3390/app12147136

Hossain, M. M., Siddiquee, S., & Kumar, V. (2021). Water Sources Derived Bio Retting Effect on Kenaf Fiber Compositions. Journal of Natural Fibers, 1-14. (https://doi.org/10.1080/15440478.2021.1982829

Hossain, M. M., Siddiquee, S., & Kumar, V. (2021). Isolation of Alkalophilic Pectinolytic Bacteria and their Bio Retting Effect on Kenaf Fiber Compositions. Alinteri Journal of Agriculture Sciences, 36(2), 156-165. https://doi.org/10.47059/alinteri/V36I2/AJAS21129

Hossain, M. M., Siddiquee, S., & Kumar, V. (2021). Critical Factors for Optimum Biodegradation of Bast Fiber's Gums in Bacterial Retting. Fibers, 9(8), 52. https://www.mdpi.com/2079-6439/9/8/52

Hossain, M. M., Siddiquee, S., & Kumar, V. (2020). Screening of Alkalophilic Pectinolytic Bacteria from Wet Paddy Soil and Kenaf (Hibiscus cannabinus) Retting Niche. Short Communication in Biotechnology, 4: 43-49.

Hossain, M. M., Siddiquee, S., & Kumar, V. (2022). Bacterial Retting Agents: Sustainable Bioremediation of Bast Fiber Farming Strains. In book Microbes and Microbial Biotechnology for Green Remediation. (1st Edition - August 1, 2022) https://www.elsevier.com/books/microbes-and-microbial-biotechnology-for-green-remediation/malik/978-0-323-90452-0

REFERENCE

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