



Department of Chemistry
Khulna University of Engineering & Technology
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Biography

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Md. Sadiqul Islam Sheikh

Lecturer

Research Area Chemical Modification of Natural Fibers, Fabrication of Natural Fibers Based Nanocomposites

Education

M.S. in Physical Chemistry

University of Dhaka, Bangladesh (2018-2020)

Thesis Title: [Thioesterification of Cellulose of Jute Fibers](#)

B.S. (Honors) Major in Chemistry

University of Dhaka, Bangladesh (2014-2018) Achievement: Govt. Honors Scholarship

HSC

Adamjee Cantonment College, Bangladesh (2013) Group: Science,

SSC

Dakshin Sadharchar High School, Bangladesh (2011) Group: Science, Achievement: Dhaka Board General Scholarship

Service Records

- **Research Fellow**
Department/Section: Material Chemistry Research Laboratory
University of Dhaka From 01-01-1970 to 01-01-1970
- **Scientific Officer**
Department/Section: Applied Botany Research Division
Bangladesh Council of Scientific and Industrial Research From 01-01-1970 to 01-01-1970
- **Lecturer**
Department/Section: Chemistry
Khulna University of Engineering & Technology From 01-01-1970 to 01-01-1970

Research Interest

Chemical Modification of Natural Fibers, Fabrication of Natural Fibers Based Nanocomposites

Modification of Jute Fibers, Grafting of Jute Fibers, Jute Based Nanocomposites, Synthesis of Natural Fibers Based Nanocomposites for electrochemical Applications

Publication

Books

1. (2022), ISBN: Print ISBN: 978-3-030-98020-7 Online ISBN: 978-3-030-98021-4, Springer Nature

Journals

1. (2020), " Functionalization of jute fibers by reactive oxygen species for encapsulation of an organic dye from aqueous solution," *Bangladesh. J. Sci. Res.* , vol33, no.2, pp.66~72

Conference