



Department of Materials Science and Engineering
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Biography

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Fahim Khan Prianto

Assistant Professor

Research Area Multi-Ferroic Bismuth Ferrite

Education

BSc

Bangladesh University of Engineering and Technology (BUET), Bangladesh (2012-2017)

Higher Secondary Certificate (HSC)

Notre Dame College, Bangladesh (2010-2012)

Secondary School Certificate (SSC)

BIAM Model School and College, Bangladesh (2007-2010)

Research Interest

Multi-Ferroic Bismuth Ferrite

During the undergraduate programme thesis work on Synthesis And Characterization of Ba²⁺, La³⁺ And Zr⁴⁺ Co-Modified Multiferroic BiFeO₃ was done. The objective of this research project was to reduce the electrical leakage, enhance the magnetic and electric property as well as to stabilize the formed multiferroics by adding various dopants. The amount of zirconia in B-site results in the reduction of vacancy rather forms holes which ultimately reduces leakage current. The remarkable results of this research were also established in the SPPM 2018 conference.

Publication

Books

Journals

Conference