CANDIDATE'S DECLARATION

This is to certify that the work presented in this thesis, titled, "Sensitivity and performance analysis of a comprehensive PEM cell model and fuel cell based renewable autonomous RHFC system for Saint Martin Bangladesh" is the outcome of the investigation and research carried out by us under the supervision of DR. MD. REZWANUL KARIM, Associate Professor Department of Mechanical & Production Engineering, Islamic University of Technology.

It is also declared that neither r this thesis nor any part of it has been submitted elsewhere for the award of any degree or diploma.

Signature of the Candidates

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RECOMMENDATION OF THE BOARD OF EXAMINERS

The thesis titled "Sensitivity and performance analysis of a comprehensive PEM cell model and fuel cell based renewable autonomous RHFC system for Saint Martin Bangladesh" submitted by Shakhawat Hossain sarker, Student No: 180011110; Tahmidur Rahman Tamim, Student No: 180011114 and Mohammed Arman Chowdhury, Student No:180011116 has been accepted as satisfactory in partial fulfillment of the requirements for the degree of B.Sc. in Mechanical Engineering on 19th May, 2023.

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