## **DECLARATION**

We, the authors of this report entitled "OPTIMAL SIZING OF PV/WT/CSP/TES/HFC BASED HYBRID RENEWABLE ENERGY SYSTEMS", hereby declare that this report and all the findings presented in it are our own.

Submitted by:

Shadman

Mueed Shadman

Student ID:

180021310

Fahin

Mohammad Fahim Hossain

Student ID:180021309

Softiere

Ahmed Istiakur Rahman

Student ID:180021304

## Certificate of Approval

The submitted report of our project entitled, "OPTIMAL SIZING OF PV/WT/CSP/TES/HFC BASED HYBRID RENEWABLE ENERGY SYSTEMS" submitted by Mueed Shadman, St. No. 180021310, Mohammad Fahim Hossain, St. No. 180021309, Ahmed Istiakur Rahman, St. No. 180021304 of Academic Year 2018-19 has been approved on 19 May 2023.

Approved by:

All 12/6/23

Dr. Ashik Ahmed (Supervisor)

Professor,

Department of Electrical and Electronic Engineering Islamic University of Technology (IUT), Gazipur.