## Dependency of Cell Size and Available Time to Trigger Handover on Satellite Height for 5G Non-Terrestrial Networks (NTN)

Approved by:

Dr. Mohammad Tawhid Kawser

Towhil

Supervisor and Professor, Department of Electrical and Electronic Engineering, Islamic University of Technology (IUT), Boardbazar, Gazipur-1704.

Date: ..... 29, 2023

## **Declaration**

It is hereby declared that the work presented in this thesis report is the outcome of the research carried out by the candidates under the supervision of Dr. Mohammad Tawhid Kawser, Professor, Department of Electrical and Electronic Engineering, Islamic University of Technology. It is also declared that neither this thesis paper nor any part thereof has been submitted anywhere else for the reward of any degree or any judgement. Any information derived from the published and unpublished work of others has been acknowledged in the text and a list of reference is provided.

(Signature of the Candidate)
Mehedi Hassan Niloy

Student ID: 180021318

ignature of the Candidate)

Mehedi Hagan

(Signature of the Candidate)

Mahedi Hasan Emon

Student ID: 180021330

(Signature of the Candidate)

M. M. Asifuzzaman

Student ID: 180021338

Tanil 29.5.23