CERTIFICATE OF APPROVAL

The submitted thesis entitled,"**Nano-Integrable Optical Logic Gate Implementation in Photonic Crystal Waveguide Using Beam Interference Principle**" submitted by Md. Istiac Ahmed, St. No. 170021069, Mohammed Radoan, St. No. 170021132, Md. Arefin Rabbi Emon, St. No. 170021134 of Academic Year 2017-18 has been found as satisfactory and accepted as partial fulfillment of the requirement for the Degree BACHELOR OF SCIENCE in ELECTRICAL AND ELECTRONIC ENGINEERING on April 20, 2022.

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Declaration of Authorship

We, the authors of this thesis entitled *"Nano-Integrable Optical Logic Gate Implementation in Photonic Crystal Waveguide Using Beam Interference Principle"*, declare that this book and all the findings presented in it are our own. We further confirm that:

- This thesis is submitted as the partial fulfillment of the Bachelor of Science in Electrical and Electronic Engineering degree at Islamic University of Technology (IUT).
- No part of this work has been submitted elsewhere for the award of any Degree or Diploma.
- We have always clearly attributed the sources when we have consulted the published work of others.

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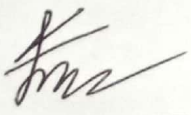

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