

DECLARATION

We, hereby, declare that the work presented in this project/thesis report is the outcome of the investigation performed and authentically prepared by us under the supervision of Dr. Mosabber Uddin Ahmed, Professor of the Department of Electrical and Electronic Engineering at the University of Dhaka. We also declare that no part of this project report has been or is being submitted elsewhere for the award of any degree or diploma.

Signature

Morshedul

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Abu Jaffor Morshedul Abedin

Exam Roll No.: 29901

Reg. No.: 2016-615-018

Session: 2016-17

Dept. of EEE

University of Dhaka

KABIR

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Saidul Kabir

Exam Roll No.: 29960

Reg. No.: 2016-614-965

Session: 2016-17

Dept. of EEE

University of Dhaka

CERTIFICATION OF APPROVAL

This is to certify that the B.Sc. project report on “**A DEEP LEARNING APPROACH TO SMARTPHONE BASED HUMAN ACTIVITY RECOGNITION WITH CNN AND LSTM MODELS**” has been submitted for the award of the degree of B.Sc. in Electrical and Electronic Engineering from the University of Dhaka, carried out by Abu Jaffor Morshedul Abedin bearing Exam Roll: 29901, Reg. No.: 2016-615-018 Session: 2016-17 and Saidul Kabir bearing Exam Roll: 29960, Reg. No.: 2016-614-965 Session: 2016-17 under my supervision. To the best of my knowledge and as per their declaration, the whole work and the complete project report have been prepared by the students themselves and have not been submitted to anywhere else for a degree or diploma. This project report can be considered for evaluation. They are permitted to submit this project report.

Signature

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Mosabber Uddin Ahmed, PhD

Professor

Dept. of Electrical and Electronic Engineering

University of Dhaka