



146101002

भारतीय प्रौद्योगिकी संस्थान गुवाहाटी

विद्या परिषद की अनुशंसा पर

संगणक विज्ञान एवं अभियांत्रिकी में

विद्या वाचस्पति की उपाधि

शुभ्रेन्दु चट्टोपाध्याय

को इस उपाधि के प्रदान हेतु विनियम विहित अपेक्षाएँ अप्रैल 2021 में सफलतापूर्वक पूर्ण करने पर प्रदान करता है।

भारतीय गणराज्य के अंतर्गत गुवाहाटी में आज 16 जुलाई 2021 को संस्थान की यह मुद्रा अंकित उपाधि दी गई।

INDIAN INSTITUTE OF TECHNOLOGY GUWAHATI

upon the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

in

Computer Science and Engineering

on

Subhrendu Chattopadhyay

who has successfully completed in April 2021, the requirements prescribed under the regulations for the award of this degree.

Given this day, under the seal of the Institute at Guwahati in the Republic of India,

the 16th day of July, 2021.

Thesis Title : SDN for Large Scale IoT Networks

निदेशक एवं
अध्यक्षविद्या परिषद,
Director and
Chairman, Senate

कुलसचिव
Registrar

अध्यक्ष,
शासी मंडल
Chairman,
Board of Governors



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ACADEMIC AFFAIRS

Date: 10/09/2020

Ref.: Ph.D/CERT/Thesis/146101002



Thesis Submission Certificate

This is to certify that **Subhrendu Chattopadhyay**(Roll No. 146101002) is a Research Scholar in the Department of Computer Science and Engineering of this Institute. The student has submitted PhD thesis entitled “**SDN for Large Scale IoT Networks**” on 03/09/2020. The thesis is now under examination.

D. Sharma
Joint Registrar, Academic Affairs

Joint Registrar (Academic Affairs)
Indian Institute of Technology Guwahati
Guwahati-781039, INDIA



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Ref.:Ph.D/CERT/Prov/146101002



Date : April 19, 2021

PROVISIONAL CERTIFICATE

This is to certify that **Mr. Subhrendu Chattopadhyay (Roll No. 146101002)**, Research Scholar in the **Computer Science and Engineering** Department of this Institute, has successfully completed the Ph.D. programme of this Institute.

His thesis viva-voce examination was held on **08th April 2021**.

The title of his thesis is: **SDN for Large Scale IoT Networks**.

It is also certified that, as per programme requirement, he also completed comprehensive examination.

The thesis evaluation was done by a pool of examiners including external examiners from India and abroad.

(D. Sharma)

Joint Registrar

Academic Affairs

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