



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 16<sup>th</sup> 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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ACADEMIC AFFAIRS

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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 **08<sup>th</sup> 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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