

NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR
MAHATMA GANDHI AVENUE, DURGAPUR-713209, WEST BENGAL, INDIA
Website: www.nitdgp.ac.in

Ref. No. NITD/PhD/EE/2014/00526

July 10, 2017

**PROVISIONAL CERTIFICATE FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY (PhD)**

Dipayan Guha having submitted a thesis entitled "Load Frequency Control of Linear and Non-linear based Multi-area Power Systems using Various Evolutionary Algorithms", and having satisfied all conditions prescribed by the Senate of this Institute was duly admitted to the Degree of **Doctor of Philosophy in Electrical Engineering** by the Senate in its 46th meeting held on July 05, 2017. The defense of the PhD thesis was held on **June 28, 2017**.

Deputy Registrar (Academic & Examination)

Dean (Academic)

DURGAPUR

उद्योगः पुरुषस्य लक्षणम्

Dean (Academic)
National Institute of Technology
Durgapur - 713209, India

Note: Validity of this certificate will expire on the award of the degree in the next convocation.