

G2D000006



# Jadavpur University

*Certified that*

**Kamalika Tiwari**

was admitted to the Degree of Doctor of Philosophy in Engineering of this University on 21.01.2019 and that the degree was conferred on him / her at the Convocation held in December 2019 with all the Rights and Privileges thereto appertaining.

In Witness whereof the Signature of the Vice-Chancellor of

**Jadavpur University** is hereunto affixed.



JADAVPUR UNIVERSITY  
The 24th December, 2019



*Kamalika Tiwari*  
*Sulanjan Das*  
Vice-Chancellor