#### UNDERTAKING FROM THE CANDIDATE

I, Shipra Deep, declare that the work embodied in this Ph. D thesis is my own bonafide work carried out under the supervision of Prof. (Dr.) Subir Kundu for a period of 5 years and 6 months from August 2010 to January 2016 at the School of Biochemical Engineering, Indian Institute of Technology (Banaras Hindu University), Varanasi. The matter embodied in this thesis has not been submitted for the award of any other degree/diploma.

Though care has been taken while writing this thesis, there may still be some errors (typographical or otherwise) which are inadvertent on my part.

Date:

Place: IIT (BHU), Varanasi

FECHNOLOGY

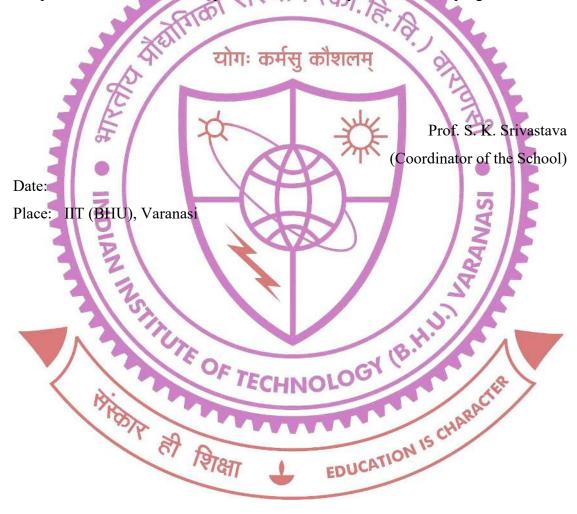
(Shipra Deep)

FORT

# ANNEXURE - F

# COURSE WORK AND COMPREHENSIVE EXAMINATION COMPLETION CERTIFICATE

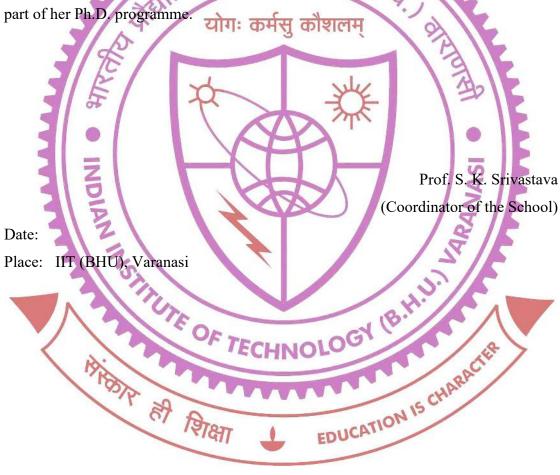
This is to certify that **Ms. Shipra Deep**, a bonafide research scholar of School of Biochemical Engineering, has satisfactorily completed the course work/comprehensive examination requirement which is a part of her Ph.D programme.



#### ANNEXURE - F

# PRE-SUBMISSION SEMINAR COMPLETION CERTIFICATE

This is to certify that Ms. Shipra Deep, a bonafide research scholar of School of Biochemical Engineering, has satisfactorily completed the pre-submission seminar requirement on the topic "Studies on Folic acid production by different microorganisms and its fortification in food products" on July 21, 2015, which is a



#### ANNEXURE - G

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**Title of the Thesis:** "Studies Folic\_ acid production by different on microorganisms and its fortification in food products"

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