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*Sushil K. Singh, M. Pharm, Ph.D.*  
Professor of Pharmaceutical Chemistry

Date:.....

## CERTIFICATE

This is to certify that **Mr. Dileep Kumar, M. Pharm.**, has completed the research on the topic “***In-silico* Study, Synthesis and Biological screening of some Novel Curcumin analogues**” under my direct supervision and guidance, for full period prescribed in the ordinance of this university for the said degree. The work was actually carried out by the student and the findings of which have been incorporated in this dissertation.

I am satisfied with the work and pleased to forward his dissertation, for the award of **Doctor of Philosophy (Pharmaceutics)** of Indian Institute of Technology (Banaras Hindu University). I wish him all the success in his future endeavors.

**(Prof. Sushil K. Singh)**

Supervisor

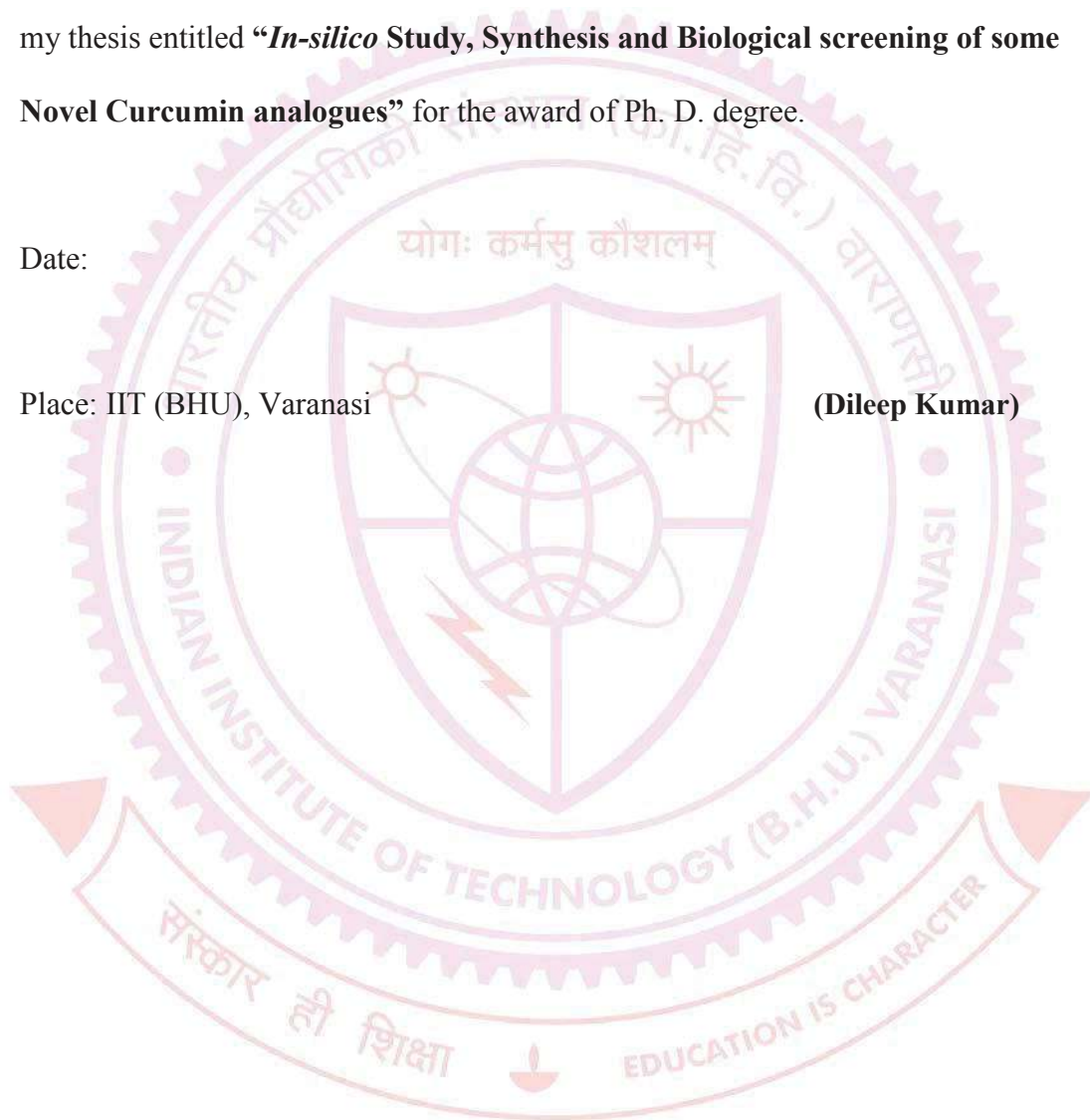
## UNDERTAKING BY THE CANDIDATE

I, **Dileep Kumar**, declare that I have pursued my research work under the supervision of **Prof. Sushil Kumar Singh** from July 2010 to October 2015. I hereby supplicate my thesis entitled “***In-silico* Study, Synthesis and Biological screening of some Novel Curcumin analogues**” for the award of Ph. D. degree.

Date:

Place: IIT (BHU), Varanasi

(**Dileep Kumar**)



ANNEXURE – F

**COURSE WORK/COMPREHENSIVE EXAMINATION COMPLETION  
CERTIFICATE**

This is to certify that **Mr. Dileep Kumar**, a bonafide research scholar (Pharmaceutical Chemistry) of this Department, has successfully completed the course work/comprehensive examination requirement, which is a part of his Ph.D. programme.

Date: \_\_\_\_\_ (Head of the Department)

Place: IIT (BHU), Varanasi

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ANNEXURE – F

**PRE-SUBMISSION SEMINAR COMPLETION CERTIFICATE**

This is to certify that **Mr. Dileep Kumar**, a bonafide research scholar (Pharmaceutical Chemistry) of this Department, has successfully completed the pre-submission seminar requirement on the topic “***In-silico* Study, Synthesis and Biological screening of some Novel Curcumin analogues**” on dated **1.06.2015**, which is a part of his Ph.D. programme.

Date: \_\_\_\_\_ (Head of the Department)

Place: IIT (BHU), Varanasi

ANNEXURE – G

**COPYRIGHT TRANSFER CERTIFICATE**

**Title of the Thesis: *In-silico* Study, Synthesis and Biological screening of some Novel Curcumin analogues**

**Candidate's Name : Dileep Kumar**

**Copyright Transfer**

The undersigned hereby assigns to the Indian Institute of Technology (Banaras Hindu University) all rights under copyright that may exist in and for the above thesis submitted for the award of the Ph.D. degree.

**Date:**

**(Signature of the candidate)**

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