

Copyright ©Indian Institute of Technology
(Banaras Hindu University), Varanasi, INDIA, 2013
All rights reserved.

UNDERTAKING FROM THE CANDIDATE

I, Sharad Verma, declare that the work embodied in this Ph.D. thesis is my own bonafide work carried out under the supervision of Dr. Abha Mishra for a period of about 4 years 10 months from July 2010 to May 2015 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 any other degree/diploma.

Date:
Place: IIT (BHU), Varanasi

(Sharad Verma)

SCHOOL OF BIOCHEMICAL ENGINEERING INDIAN INSTITUTE OF TECHNOLOGY BANARAS HINDU UNIVERSITY VARANASI – 221005



No. IIT (BHU)/BChE/2015/

COURSE WORK/COMPREHENSIVE EXAMINATION/COMPLETION CERTIFICATE

This is to certify that *Sharad Verma*, a bonafide research scholar of this School, has successfully completed the course work/comprehensive examination requirement, which is a part of his Ph.D. programme.

Date:

Place: IIT (BHU), Varanasi

(Signature of the Coordinator)

School of Biochemical Engineering



SCHOOL OF BIOCHEMICAL ENGINEERING INDIAN INSTITUTE OF TECHNOLOGY BANARAS HINDU UNIVERSITY VARANASI – 221005



No. IIT (BHU)/BChE/2015/

PRE-SUBMISSION SEMINAR COMPLETION CERTIFICATE

This is to certify that Mr. Sharad Verma, a bonafide research scholar of this School, has successfully completed the pre-submission seminar requirement on the topic "Evaluation of anti-cancerous properties of polyphenols (quercetin and taxifolin) by in-silico and in-vitro studies" on dated 02-03-2015, which is a part of his Ph.D. programme.

Date: (Signature of the Coordinator)

Place: HT (BHU), Varanasi School of Biochemical Engineering



COPYRIGHT TRANSFER CERTIFICATE

Title of the Thesis: "Evaluation of anti-cancerous properties of polyphenols (quercetin and taxifolin) by in-silico and in-vitro studies"

Candidate's Name: Mr. Sharad Verma

Copyright Transfer

The undersigned hereby assigns to the Indian Institute of Technology (Banaras Hindu University), Varanasi 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)

Note: However, the author may reproduce or authorize others to reproduce material extracted verbatim from the thesis or derivative of the thesis for author's personal use provided that the source and the University's copyright notice are indicated.