

DECLARATION BY THE STUDENT

I, (**KUMARI ANUKRITI**), declare that the thesis entitled “**Study of environmental carcinogens’ interference in bio-molecular kinetics of cell cycle regulatory machinery using systems biology approach and their protection by nano-particles**” is my own work conducted under the supervision of **Dr. Anupam Dhasmana**, Assistant Professor, Department of Biosciences and co-supervision of **Prof Uma Bhardwaj**, Dean School of Liberal Arts and Sciences, Mody University, Rajasthan and **Prof Archana Prakash**, Head PhD Cell, Swami Rama Himalayan University (Supervisor/Co-supervisor) at **Swami Rama Himalayan University, Jolly Grant, Dehradun**, Department of **Biosciences** approved by D.R.C.

I further declare that to the best of my knowledge the thesis does not contain any part of any work which has been submitted for the award of any degree either in this University or in any other University/ Deemed University without proper citation.

Besides this:

I have successfully completed the Course work of one semester as per UGC- Regulation 2016 norms.

I have also given a pre-Ph.D. presentation and successfully incorporated the changes suggested on the basis of feedback and comments received.

I have also published one research paper in a journal from the research work of the thesis and presented two papers in Conferences/Seminars and has produced an evidence of the same in the form of acceptance letter/or the reprint.

Anukriti

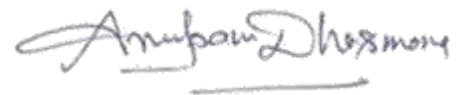
Kumari Anukriti

CERTIFICATE

This is to certify that **Kumari Anukriti** in the department of **Biosciences** of this University has fulfilled the requirements prescribed for the Ph.D. degree of the Swami Rama Himalayan University, Dehradun.

The thesis entitled, “**Study of environmental carcinogens’ interference in bio-molecular kinetics of cell cycle regulatory machinery using systems biology approach and their protection by nano-particles**” was carried out under my direct supervision. No part of the thesis was submitted for the award of any degree or diploma prior to this date.

*Clearance was obtained from the University Ethics Committee/
University Animal Ethics for carrying out the study



Signature

Dr. Anupam Dhasmana
Name of Supervisor

* As and when applicable.

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Uma Bhardwaj

Signature

Prof. (Dr.) Uma Bhardwaj

Name of Co- Supervisor

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Signature

Prof. (Dr.) Archana Prakash
Name of Co- Supervisor

* As and when applicable.