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Forwarded

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Undertaking from the Candidate

I, Deepak Gusain, research scholar under the supervision of Prof. Y.C. Sharma, Department of Chemistry, IIT (BHU) Varanasi give undertaking that the thesis entitled "Synthesis and characterization of some nano adsorbents and their application in removal of selected metallic pollutants from aqueous solutions" submitted by me for the degree of Doctor of Philosophy is a record of first-hand research work carried out by me during the period of study.

I avail myself to responsibility such as an act will be taken on the behalf of me, mistakes, errors of facts, and misinterpretation are of course entirely my own.

Date.....

Place: Varanasi

(Deepak Gusain)

ANNEXURE-E

Candidate's Declaration

I, Deepak Gusain, certify that the work embodies in this Ph.D. thesis is my own bonafide work carried out by me under the supervision of Prof. Y. C. Sharma, Department of Chemistry, IIT (BHU) Varanasi for a period of approximately 5 years and 2 months from (March, 2011 to May, 2016) at Indian Institute of Technology (Banaras Hindu University), Varanasi. The matter embodied in this Ph.D. thesis has not been submitted for the award of any other degree / diploma.

I declare that I have faithfully acknowledged, given credit to and referred to the research workers wherever their works have been cited in the text and the body of the thesis. I further certify that I have not willfully lifted up some other's works, para, text, data, results, etc. reported in the journals, books, magazines, reports, dissertations, thesis, etc., or available at websites and included them in this Ph.D. thesis and cited as my own work.

Date:

Place : Varanasi

(Deepak Gusain)

Certificate from the Supervisor/Co-supervisor

This is to certify that the above statement made by the candidate is correct to the best of our knowledge.

(Prof. V. K. Singh)
Co-supervisor

(Prof. Y. C. Sharma)
Supervisor

(Prof. R. B. Rastogi)
Head

PRE SUBMISSION SEMINAR COMPLETION

CERTIFICATE

This is to certify that Mr. Deepak Gusain, a bonafide research scholar of Department of Chemistry, Indian Institute of Technology (Banaras Hindu University) Varanasi, has successfully completed the pre-submission seminar requirement on the topic "Synthesis and characterization of some nano adsorbents and their application in removal of selected metallic pollutants from aqueous solutions" on dated 19-05-2016 which is a part of this Ph.D. programme.

Date:

(Prof. Y. C. Sharma)

(Prof. R. B. Rastogi)

Place: Varanasi

Supervisor

Head

**Course Work / Comprehensive Examination / Pre
Submission Seminar Completion Certificate**

This is to certify that Mr. Deepak Gusain, a bonafide research scholar of Department of Chemistry, Indian Institute of Technology (Banaras Hindu University), Varanasi has successfully completed the course work / comprehensive examination / pre-submission seminar requirement which is a part of his Ph.D. programme.

Date:

Place: Varanasi

*Head
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Copyright Transfer Certificate

Title of the Thesis: “Synthesis and characterization of some nano adsorbents and their application in removal of selected metallic pollutants from aqueous solutions”.

Candidate’s Name: Deepak Gusain

Copyright Transfer

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(Deepak Gusain)

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