

UNDERTAKING FROM THE CANDIDATE

I, **Richa Singh**, research scholar under the supervision of **Prof. P. C. Pandey**, Department of Chemistry, IIT (BHU) Varanasi give undertaking that the thesis entitled “**Studies on 3-Aminopropyltrimethoxysilane mediated synthesis of Silver and Palladium nanoparticles and their application in chemical sensing**” 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

(Richa Singh)

ANNEXURE-F

COURSE WORK / COMPREHENSIVE EXAMINATION / PRE SUBMISSION SEMINAR COMPLETION CERTIFICATE

This is to certify that Ms. Richa Singh, 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 her Ph.D. programme.

Date:

Place: Varanasi

Head

**Department of Chemistry
Indian Institute of Technology
(Banaras Hindu University)
Varanasi**

ANNEXURE-G
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Title of the Thesis : Studies on 3-Aminopropyltrimethoxysilane mediated synthesis of Silver and Palladium nanoparticles and their application in chemical sensing.

Candidate's Name : Richa Singh

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