ANNEXURE-E

Candidate's Declaration

I, Shivam Bajpai, certify that the work embodies in this Ph.D. thesis is my own bonafide

work carried out by me under the supervision of Dr. Sundaram Singh, Department of Chemistry,

IIT (BHU) Varanasi for a period of approximately 5 years and one month (March, 2011 to

March, 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

(Shivam Bajpai)

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. Vandana Srivastava)

(Dr. Sundaram Singh)

Co-supervisor

Supervisor

(Prof. R. B. Rastogi)

Head