



DEPARTMENT OF ENERGY AND ENVIRONMENTAL SCIENCES

CHAUDHARY DEVI LAL UNIVERSITY, SIRSA

SUPERVISOR'S CERTIFICATE

This is to certify that the thesis entitled, “**Trace Elemental Contamination and Speciation in Terrestrial Environment Around a Coal Fired Thermal Power Plant, Bathinda**” is an original piece of research work submitted by Ms. Savita Verma to Chaudhary Devi Lal University, Sirsa, Haryana, India for the award of degree of **Doctor of Philosophy** in Environmental Science under my guidance. No part of this thesis has been submitted in part or full to any other university or institute for any other degree or diploma.

Date:

Dr. Anju

Place:

(Supervisor)



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CERTIFICATE

THESIS APPROVAL SHEET

This is to certify that the thesis entitled, “**Trace Elemental Contamination and Speciation in Terrestrial Environment Around a Coal Fired Thermal Power Plant, Bathinda**” submitted by **Ms. Savita Verma** to the Chaudhary Devi Lal University, Sirsa, Haryana, India for the award of degree of **Doctor of Philosophy** in Environmental Science has been approved after an oral examination of the same in collaboration with an External Examiner.

External Examiner

Chairperson

Dr. Anju
(Supervisor)