



UNIVERSITY OF PETROLEUM & ENERGY STUDIES
(ISO 9001:2008 Certified)

**Analysis & Redesigning of Watermills for
Sustainable Development of Rural Areas of Uttarakhand**

THESIS COMPLETION CERTIFICATE

This is to certify that the thesis on "**Analysis & Redesigning of Watermills for Sustainable Development of Rural Areas of Uttarakhand**" by **Mr. Kamal Bansal** in partial completion of the requirements for the award of the Degree of Doctor of Philosophy (Engineering) is an original work carried out by him under my supervision and guidance.

It is certified that the work has not been submitted anywhere else for the award of any other diploma or degree of this or any other University.

Guide

(Dr. S. J. Chopra)

DECLARATION

"I hereby declare that this submission is my own work and that, to the best of my knowledge and belief, it contains no material previously published or written by another person nor material which has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text."



Kamal Bansal

20.02.2010