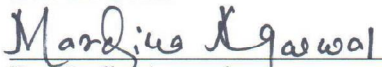


THESIS COMPLETION CERTIFICATE

This is to certify that the thesis entitled “**SHEAR WAVE VELOCITY AND CRUSTAL STRUCTURE ALONG SATLUJ VALLEY, NORTHWEST HIMALAYA**” submitted by **MONIKA WADHAWAN** to **University of Petroleum and Energy Studies, Dehradun** in Partial completion of the requirements- for the award of the degree of **DOCTOR OF PHILOSOPHY (Science- Geo Science)** is an original work carried out by her under our supervision and guidance.

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

Internal Guide

Dr. Mandira Agarwal
Senior Associate Professor
University of Petroleum and Energy Studies,
Bidholi, Dehradun.

Place: Dehradun

Date: 21.02.2013



CORPORATE OFFICE: 210, 2nd Floor, Okhla Industrial Estate, Phase III, New Delhi - 110 020, INDIA, T +91 - 11 - 41730151-53, F +91 - 11 - 41730154

CAMPUSES:

ENERGY ACRES: Bidholi Via Prem Nagar, Dehradun - 248 007 (Uttarakhand), INDIA, T +91 - 135 - 2770137, 2776053/54/91, 2776201
F +91 - 135 - 2776090/95



KNOWLEDGE ACRES: Kandoli Via Prem Nagar, Dehradun - 248 007 (Uttarakhand), INDIA, T +91 - 8171979021/2/3, 7060111775