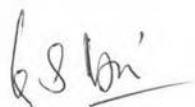


Certificate

This is to certify that the thesis entitled '**Late Quaternary landscape evolution along the Indus River: responses to climate and tectonics of Ladakh Himalaya**' submitted by **Anil Kumar** to **University of Petroleum and Energy Studies (UPES), Bidoli, Dehradun** for the award of the degree of Doctor of Philosophy is a bona fide record of the research work carried out by him under my supervision and guidance. The content of the thesis, in full or parts have not been submitted to any other Institute or University for the award of any other degree or diploma.



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Place:

Date: 17/10/2016