



HIMACHAL PRADESH UNIVERSITY
DEPARTMENT OF BIOTECHNOLOGY
SUMMER HILL, SHIMLA
171005 (INDIA)

Prof. T.C. Bhalla

27th October, 2014

CERTIFICATE

This is to certify that **Ms. Shikha Thakur** has worked on research topic entitled "**Protease from *Serratia marcescens*: Production, purification and characterization**" under my supervision and guidance.

The content of the thesis, being submitted to the Faculty of Life Sciences, Himachal Pradesh University, Shimla for the award of **Doctor of Philosophy in Biotechnology** contains original work done by her under my supervision in the Department of Biotechnology, Himachal Pradesh University, Shimla. Further, no part of this thesis has been earlier submitted for any other degree to this or any other university.


(Prof. T.C. Bhalla)