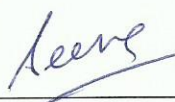


Certificate

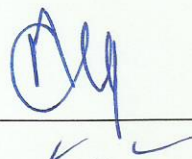
This is to certify that the work contained in the dissertation entitled "**Extraction, Fractionation and Column Chromatography of *Valeriana jatamansi***", submitted in partial fulfillment of the requirements for the award of the degree of Master of Science in Applied Chemistry is an authentic record of work carried out by Ms. Monika under our supervision. The matter embodied in this dissertation has not been submitted elsewhere for a degree.



Prof. Seema R Pathak

Head of Department

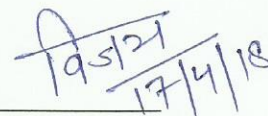
Department of Chemistry



Dr. Anurag Sharma

Supervisor

Department of Chemistry



Dr. Vijaikant Agnihotri

Co-supervisor

CSIR-IHBT, Palampur