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### **CERTIFICATE**

This is to certify that Mr. Devendra Kumar Pirta has been enrolled for the degree of Doctor of Philosophy in this department. His thesis entitled "**URBAN ENVIRONMENT AND PLANNING OF SHIMLA URBAN AGGLOMERATION**", has been carried out under my supervision. To the best of my knowledge and belief the work is his original contribution and has not been submitted in part or full for any other degree of this or any other University. In my opinion, the thesis is worthy of submission and consideration for the award of Ph.D. degree in Geography.

  
(D.D. Sharma) 22/7/2010  
Chairman and Supervisor  
Department of Geography  
H. P. University, Shimla - 5