

CERTIFICATE

This is to certify that the thesis titled “**Applying Query Expansion in Cross Lingual IR (Hindi-English) for Relevancy Improvement**” submitted by **Mr. Ganesh Chandra** is an original research work and has not been previously submitted in part or full for the award of any other degree or diploma to this or any other University.

The thesis submitted to Babasaheb Bhimrao Ambedkar University, Lucknow satisfies all the requirements as stipulated in the *Doctor of Philosophy (Ph.D.) regulations-1999 as amended in 2010* and it is fit for submission and evaluation for the award of the degree of Doctor of Philosophy of the University.

Date:

Supervisor

Head of the Department