

**DESIGN OF AN INFORMATION RETRIEVAL
SYSTEM USING OPINION MINING**



A Thesis Submitted

for the award of the degree of

DOCTOR OF PHILOSOPHY

in Computer Science and Engineering

by

Surbhi Bhatia

Under the Supervision of

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Co-Supervision of

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(Rajasthan)

2018

CERTIFICATE

This is to certify that the present thesis entitled “**Design of an Information Retrieval System Using Opinion Mining**” submitted by **Ms. Surbhi Bhatia** for the degree of Doctor of Philosophy in Computer Science and Engineering at Banasthali Vidyapith, Rajasthan (India), is an original piece of research work and record of bonafide investigation carried out by her under our guidance. To the best of our knowledge, no part of this work has so far been presented or published for any other degree in any institution in India or abroad.

We recommend the submission of the thesis of **Ms. Surbhi Bhatia** for the award of the Ph.D. degree from the University.

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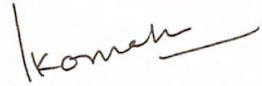

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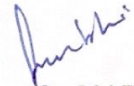
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DECLARATION

I, **SURBHI BHATIA**, hereby declare that the thesis entitled “**Design of an Information Retrieval System Using Opinion Mining**” is an authenticated work carried out by me at Banasthali Vidyapith for the fulfillment of the award of the degree of Doctor of Philosophy in Computer Science & Engineering submitted at, Banasthali Vidyapith, Rajasthan (India). This work has not been submitted for similar purpose anywhere else. I have not copied from any other student’s work or from any other sources, except where due reference or acknowledgement is made explicitly in the text, nor has any part been written for me by another person.

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