

**SOME METHODS FOR RUMOR PREVENTION IN  
SOCIAL NETWORKS**



*The thesis submitted in partial fulfilment*

*for the Award of Degree*

*DOCTOR OF PHILOSOPHY*

*by*

**SHRUTI BAJPAI**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**INDIAN INSTITUTE OF TECHNOLOGY**

**(BANARAS HINDU UNIVERSITY)**

**VARANASI -221005**

**INDIA**

**Roll No.: 17071503**

**Year: 2024**

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It is certified that the work contained in this thesis entitled "SOME METHODS FOR RUMOR PREVENTION IN SOCIAL NETWORKS" submitted by "SHRUTI BAJPAI" (Roll No.: 17071503) has been carried out under my supervision and that it has not been submitted elsewhere for a degree.

It is further certified that the student has fulfilled all the requirements of Comprehensive Examination, Candidacy and State-of-the-Art (SOTA) for the award of Ph.D. Degree.



Signature of Supervisor

**Dr. AMRITA CHATURVEDI**

**Assistant Professor**

**Department of Computer Science and Engineering**

**Indian Institute of Technology**

**(Banaras Hindu University)**

**Varanasi-221005 , India**

पर्यवेक्षक/Supervisor

समयक विज्ञान एवं अभियांत्रिकी विभाग

Department of Computer Sc. & Engg

भारतीय प्रौद्योगिकी संस्थान

Indian Institute of Technology

(काशी हिन्दू विश्वविद्यालय)

(Banaras Hindu University)

वाराणसी/Varanasi-221005

## DECLARATION BY THE CANDIDATE

I, SHRUTI BAJPAI, certify that the work embodied in this thesis is my own bonafide work and carried out by me under the supervision of Dr. AMRITA CHATURVEDI from DECEMBER-2017 to AUGUST-2024, at the DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, Indian Institute of Technology (BHU) Varanasi. The matter embodied in this thesis has not been submitted for the award of any other degree/diploma. I declare that I have faithfully acknowledged and given credits to the research workers wherever their works have been cited in my work in this thesis. I further declare that I have not willfully lifted up any other's work, paragraphs, text, data, results, etc., reported in journals, books, magazines, reports, dissertations, theses, etc., or available on websites and have not included them in this thesis and have not cited as my own work.

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It is certified that the above statement made by the student is correct to the best of my/our knowledge.



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(Dr. AMRITA CHATURVEDI)

Department of Computer Science and Engineering

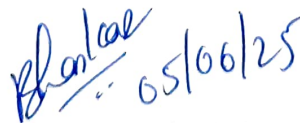
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Varanasi-221005

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Signature of Head of Department

साचार्य व विभागाध्यक्ष

Professor & Head

समयक विज्ञान एवं अभियांत्रिकी विभाग  
Department of Computer Sc. & Engg

भारतीय प्रौद्योगिकी संस्थान  
Indian Institute of Technology

(बनारस हिन्दू विश्वविद्यालय)

(Banaras Hindu University)

वाराणसी-221005

पर्यवेक्षक/Supervisor  
समयक विज्ञान एवं अभियांत्रिकी विभाग  
Department of Computer Sc & Engg  
भारतीय प्रौद्योगिकी संस्थान  
Indian Institute of Technology  
(काशी हिन्दू विश्वविद्यालय)  
(Banaras Hindu University)  
वाराणसी/Varanasi-221005

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*Dedicated to the Almighty*

*Lord Shiva*

*Beloved Family, Friends and  
Teachers*



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- Shruti Bajpai