Smart sensing-based approaches for Real-time River Water Pollution Monitoring

वास्तविक समय नदी जल प्रदूषण निगरानी के लिए स्मार्ट सेंसिंग-आधारित दृष्टिकोण

Thesis submitted in partial fulfillment for the Award of Degree

Doctor of Philosophy

by

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DECLARATION BY THE CANDIDATE

I, ***Swati Sandeep Chopade***, certify that the work embodied in this Ph.D. thesis is my own bonafide work carried out by me under the supervision of ***Dr. Hari Prabhat Gupta*** from ***July 2018*** to ***October 2023*** at ***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 copied any other's work, paragraphs, text, data, results, *etc.* reported in journals, books, magazines, reports, dissertations, theses, *etc.*, or available at websites and have not included them in this thesis and have not cited as my own work.

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This is to certify that the above statement made by the candidate is correct to the best of my knowledge.

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(Swati Sandeep Chopade)

List of Figures

List of Tables