



CERTIFICATE

This is to certify that the candidate Shri Vikas Srivastava has completed the research work for the full period prescribed under the clause 3.1 of the Ph.D. ordinances and that the thesis entitled "**Development of an integrated approach for mapping of uncontrolled underground Coal Seam Fires through Remote Sensing**" embodies the results of this investigation conducted during the period he worked as Ph.D. research scholar.



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DECLARATION BY THE CANDIDATE

I, "VIKAS SRIVASTAVA", certify that the work embodied in this thesis is my own bonafide work carried out by me under the supervision of "Professor SANJAY KUMAR SHARMA and Dr. GAURI SHANKAR PRASAD SINGH" from "23rd July 2014 to 02nd June 2018", at the "DEPARTMENT OF MINING 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 wilfully 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.

Date: 12/12/2018

Place: Varanasi



Signature of the Student

(VIKAS SRIVASTAVA)

CERTIFICATE BY THE SUPERVISOR(S)

It is certified that the above statement made by the research scholar is correct to the best of our knowledge and belief.



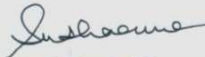
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