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I, **Savita Chandel**, research scholar under the supervision of **Prof. Shri Ram** and co-supervision of **Prof. L. P. Singh**, Department of Mathematical Sciences, Indian Institute of Technology (BHU), Varanasi, give undertaking that the thesis entitled “**Study of Spatially Homogeneous and Anisotropic Cosmological Models in Certain Theories of Gravitation**” submitted by me for the degree of Doctor of Philosophy is a record of first-hand research work done by me during the period of study.

I do further undertake the responsibility for mistakes, error of facts and misinterpretations, if any, in the thesis which is of course entirely of my own.

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Place: Varanasi

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

Prof. L. P. Singh

(Co-supervisor)

Prof. Shri Ram

(Supervisor)

(Head of the Department)

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This is to certify that **Ms. Savita Chandel**, a bonafide research scholar of this department, has successfully completed the Ph. D. course work and comprehensive examinations which are parts of her Ph. D. programme.

Date

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PRE-SUBMISSION SEMINAR COMPLETION CERTIFICATE

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Date

Place: Varanasi

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**“STUDY OF SPATIALLY HOMOGENEOUS AND ANISOTROPIC
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Candidate's Name: **Savita Chandel**

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