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I, **Priyanka**, 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 “**Some Spatially Homogeneous and Anisotropic Cosmological Models in General Relativity and Certain Alternative 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 avail myself to responsibility such as an act will be taken on behalf of me, mistakes, errors of facts and misinterpretations are of course extremely my own.

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(**Priyanka**)

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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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(Co-Supervisor)

Prof. Om. P. Singh

(Head of the Department)

Prof. Shri Ram

(Supervisor)

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This is to certify that **Priyanka** , a bonafide research scholar of this department, has successfully completed the **Ph.D.** course work examination which is a part of her **Ph.D.** programme.

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