

DECLARATION

I, **Chandni Kumari**, Enrollment No. 319/12, hereby declare that the work which is being presented in the thesis entitled “**On optimal sampling strategies for estimation of parameters**” for the award of the Degree of **Doctor of Philosophy** and submitted in the department of Applied Statistics of the Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow is an authentic record of my own work carried out during a period from August, 2014 to April, 2018 under the supervision of Dr. Surinder Kumar, Professor & Head, Department of Applied Statistics, School for Physical Sciences, Babasaheb Bhimrao Ambedkar University, Lucknow (U. P.), India and co-supervision of Dr. Shashi Bhushan, Associate Professor & Head, Department of Mathematics and Statistics, Dr. Shakuntala Misra National Rehabilitation University, Lucknow (U. P.), India.

The matter presented in this thesis has not been submitted by me for the award of any other degree or diploma of this or any other Institute. I also undertake that the thesis is essentially free from all kinds of plagiarism.

Date: 20/04/2018

Place: LUCKNOW

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