

DECLARATION

I hereby declare that the matter embodied in this thesis entitled “**Phytochemical Characterization, Antiproliferative and Apoptotic Efficacy of Green Synthesized Silver Nanoparticles Using *Tabebuia roseo-alba* against Lung Cancer**” is the result of investigations carried out by me in the Department of Biochemistry, Biotechnology and Bioinformatics, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore in partial fulfillment of the requirements for the award of the degree of **Doctor of Philosophy in Biochemistry**, is a record of original research work done by me under the supervision and guidance of **Dr. R. Nirmaladevi**, Assistant Professor (SG), Department of Biochemistry, Biotechnology and Bioinformatics, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, and it has not been submitted for the award of any Degree/Diploma/Associateship/Fellowship etc., of any other University or Institute.



Signature of the Supervisor



Signature of Candidate