


## CERTIFICATE

This is to certify that the thesis entitled “Validating the potential of *Plectranthus amboinicus* against lung cancer - *In silico, in vitro* and *in vivo* approaches” submitted to the Avinashilingam Institute for Home Science and Higher Education for Women, for the award of the **Degree of Doctor of Philosophy in Zoology**, is a record of original research work done by **Sindhu M.S.** during the period of her study in the Department of Zoology, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, under my supervision and guidance and the thesis has not formed the basis for the award of any Degree / Diploma / Associateship / Fellowship or similar title of any candidate of any other University or Institute.

  
Signature of 3/12/2021  
Head of the Department

  
Signature of the Guide 3/12/2021

**Dr.K.Manimegalai**  
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Signature of the Dean 3/12/21

**Dean. School of Biosciences**  
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## DECLARATION

I hereby declare that the thesis “**Validating the potential of *Plectranthus amboinicus* against lung cancer - *In silico, in vitro* and *in vivo* approaches**” submitted to the Avinashilingam Institute for Home Science and Higher Education for Women, in partial fulfilment of the requirements for the award of the **Degree of Doctor of Philosophy in Zoology** is a record of original research work done by me under the supervision and guidance of **Dr. M. Poonkothai, M.Sc., M.Phil., Ph.D., Associate Professor, Department of Zoology, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore**, and it has not formed the basis for the award of any Degree / Diploma / Associateship / Fellowship or similar title to any candidate of any other University.

M. Poonkothai  
3/12/2021

**Signature of the Guide**

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3/12/2021

**Signature of the Candidate**