

## **Certificate**

This is to certify that the dissertation titled “**Synthesis of Eco Friendly Nanogranular Films in Food Packaging Using Medicinal Plants and Nanoparticles**” submitted to the 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 Food Science and Nutrition**, is a record of original research work done by **M. Ramya** during the period of her study in the Department of Food Science and Nutrition, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, under my supervision and guidance and the dissertation has not formed the basis for the award of any Degree/ Diploma/ Associateship/ Fellowship or similar title to any candidate of any other University and it represents an entirely independent work on the part of the candidate.

**Signature of the  
Head of the Department**

**Signature of the Supervisor**

**Signature of the Dean**

**Signature of the Co- Supervisor**

## Declaration

I hereby declare that the dissertation entitled “**Synthesis of Eco Friendly Nanogranular Films in Food Packaging Using Medicinal Plants and Nanoparticles**” submitted to the 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 Food Science and Nutrition** is a record of original research work done by me under the supervision and guidance of **Dr. M.Sylvia Subapriya**, Associate Professor, Department of Food Science and Nutrition, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore and that 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.

**Signature of the Supervisor**

**Signature of the Candidate**