

CERTIFICATE

This is to certify that the thesis entitled “ANTIOXIDANT POTENTIAL OF *CUCURBITA PEPO* L. (PUMPKIN) SEED EXTRACT IN THE TREATMENT OF STRESS INDUCED MALE INFERTILITY: AN IN VIVO STUDY”, submitted to the Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, in partial fulfilment of the requirements for the degree of **Doctor of Philosophy in Food Science and Nutrition**, is a record of original work done by **Amrutha B. Nair** 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 thesis has not formed the basis for the award of any Degree/ Diploma/ Associateship/ Fellowship or similar title to any candidate of any other University or Institute and it represents entirely an independent work on the part of the candidate.

Ahalpam
10/9/1/25

Signature of the Head of the Department

Shruti
19/1/25

Signature of the Supervisor

Shruti
9.1.2025

Signature of the Dean

DECLARATION

I hereby declare that the thesis entitled “ANTIOXIDANT POTENTIAL OF *CUCURBITA PEPO* L. (PUMPKIN) SEED EXTRACT IN THE TREATMENT OF STRESS INDUCED MALE INFERTILITY: AN IN VIVO STUDY”, submitted to the Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, in partial fulfilment of the requirements for the degree of **Doctor of Philosophy in Food Science and Nutrition**, is a record of original work done by me under the supervision and guidance of **Dr. PA. Raajeswari**, 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 or Institute.



Signature of the Supervisor



Signature of the Candidate

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