

## CERTIFICATE

This is to certify that the thesis entitled "**Cultivation and Nutritional Profiling of Selected Varieties of Microgreens and their Acceptability in Incorporated Recipes**" submitted to Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, for the award of the degree of Doctor of Philosophy in Food Service Management and Dietetics, is a record of original research work done by **Vineetha Antony**, during the period of her study in the Department of Food Service Management and Dietetics, 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 University or Institute.



**Signature of the  
Head of the Department**



**Signature of the  
Supervisor**



**Signature of the Dean**

## DECLARATION

I hereby declare that the matter embodied in this thesis entitled, “**Cultivation and Nutritional Profiling of Selected Varieties of Microgreens and their Acceptability in Incorporated Recipes**”, is the result of investigations carried out by me in the Department of Food Service Management and Dietetics, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, under the supervision and guidance of **Dr.R.Radha**, Assistant Professor (SG), Department of Food Service Management and Dietetics, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore and that 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 the Candidate**

## ACKNOWLEDGEMENT

First and foremost, I would like to thank **God Almighty** for His grace and uncountable blessings showered throughout the study.

I sincerely acknowledge my gratitude to **Dr.T.S.Avinashilingam**, the Founder and First Chancellor and **Dr.Rajammal P.Devadas**, Former Chancellor, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore for providing this temple of learning and for their heavenly blessings.

I would like to express my deep sense of gratitude to **Sri.T.S.K.Meenakshi Sundaram**, Managing Trustee and Chancellor Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore for all the amenities provided for the conduct of this research work.

I expresses my profound sense of gratitude and sincere thanks to **Padmashri Dr.P.R.Krishnakumar** and **Prof.S.P.Thyagarajan**, Former Chancellors, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, for providing the amenities needed for the successful conduct of the study.

I record my gratitude and heartfelt thanks to **Dr.Premavathy Vijayan**, Former Vice Chancellor and **Dr.V.Bharathi Harishankar**, Vice Chancellor, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore for providing all the facilities needed for the completion of this research work.

I remain extremely obliged to **Dr.S.Kowsalya**, Registrar, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore for extending all possible administrative support and encouragement towards the completion of the study.

I acknowledge my deep indebtedness to **Dr.G.P.Jeyanthi**, Former Research Director for the timely support and providing the necessary guidance in the conduct of the research study.

I owe my special thanks to **Dr. K.Manimozhi**, Controller of Examinations and **Dr.P.Lalitha** , Director (Research and Consultancy) and **Dr.Kalaiselvi Senthil**, Assistant Dean, Sponsored Research, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, for extending all possible help towards the submission of this work.

I extend my profound gratitude to **Dr.N.Vasugi**, Former Dean, School of Home Science and Dean, Student Affairs and **Dr.S.Amsamani**, Dean, School of Home Science, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore for her encouragement and constant support extended throughout the study.

I am grateful to **Dr.S.Uma Mageshwari**, Professor & Former Head, Department of Food Service Management and Dietetics and Former Dean, Student Affairs, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, for the support and help in the conduct of the study.

I am indebted to **Dr.V.Premala Priyadharsini**, Professor and Head, Department of Food Service Management and Dietetics, Avinashilingam Institute Home Science and Higher Education for Women, Coimbatore, for providing all the help in the smooth accomplishment of the study.

I express my profound gratitude to **Dr.R.Swarnapriya**, Doctoral Committee Expert, Professor and Head, Department of Vegetable Science, Tamil Nadu Agricultural University, for her timely suggestions and constant support extended throughout the study.

With high gratification, I convey my sincere gratitude to my supervisor, **Dr.R.Radha**, Assistant Professor (SG), Department of Food Service Management and Dietetics, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore for her guidance, constant encouragement, valuable suggestions and help for the successful completion of this study.

I express my sincere thanks and gratitude to all the **Teaching Staff**, Department of Food Service Management and Dietetics, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, for their constant support, guidance and encouragement shown throughout the period of my study.

I offer my special thanks to all the subjects who participated in the study for the kind co-operation, help and support to complete the study.