

STANDARDIZATION OF HEALTHY HERBAL CHOCOLATE CUP CAKE

Thesis submitted in partial fulfillment for the degree of

MASTER OF SCIENCE

IN

HUMAN NUTRITION AND NUTRACEUTICALS



Submitted by

R. Abinitha

2019MSCN01

RESEARCH CENTRE OF HOME SCIENCE

FATIMA COLLEGE (AUTONOMOUS)

College with potential for excellence

Re-accredited with “A” Grade by NAAC (3rd Cycle)

74th Rank in India Ranking 2020 (NIRF) by MHRD

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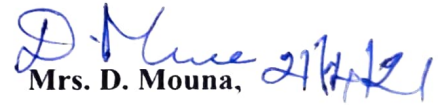
April 2021

CERTIFICATE

This is to certify that the thesis entitled “ **STANDARDIZATION OF HEALTHY HERBAL CHOCOLATE CUP CAKE** ” submitted in partial fulfillment of the requirements for the award of the degree of “**Master of Science in Human Nutrition and Nutraceuticals**” is a bonafide record of research work carried out by **R.ABINITHA** under my supervision and guidance and that no part of the thesis has been submitted for the award of any other degree, diploma (or) fellowship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

Place: Madurai

Date: 12.04.2021,


Mrs. D. Mouna,

Guide


Head of the Department


External Examiner

DECLARATION

We hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of **Mrs. D. Mouna, M.Sc., M.Phil., NET (Ph. D) Assistant professor, Research Centre of Home Science** that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

Place: Madurai

Date: 21.4.21

R. Abinitha
R.ABINITHA

FORMULATION OF FUNCTIONAL FLOWERS INCORPORATED COOKIES

Thesis submitted in partial fulfillment for the degree of

MASTER OF SCIENCE

IN

HUMAN NUTRITION AND NUTRACEUTICALS



Submitted by

S. AROCKIAMARY ARUL SELVI

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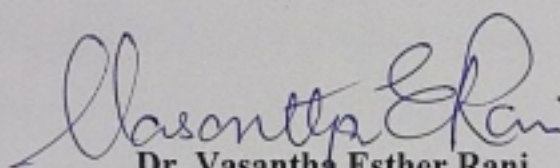
April 2021

CERTIFICATE

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Place: Madurai

Date: 12.04.2021.



Dr. Vasantha Esther Rani

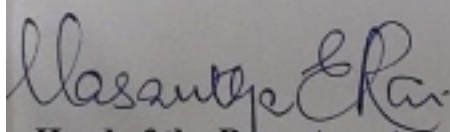
Guide

S.AROCKIAMARY ARUL SELVI

2019MNSCH02

Place: Madurai

Date: 21.04.2021



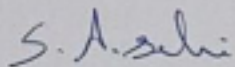
Head of the Department

P. Quthi 21/4/2021

External Examiner

DECLARATION

We hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of **Dr. Vasantha Esther Rani, Associate professor & Head, The Research Centre of Home Science** that no part of the thesis has been submitted for the award of any other degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.


S. AROCKIAMARY ARUL SELVI

Place: Madurai

2019MSCN02

Date: 20-4-2021

DEVELOPMENT OF IMMUNE BOOSTING TRADITIONAL SWEET PRODUCTS

Thesis submitted in partial fulfilment for the degree of

MASTER OF SCIENCE

IN

HUMAN NUTRITION AND NUTRACEUTICALS



Submitted by

A.ARUL PRIYA

2019MSCN03

RESEARCH CENTRE OF HOME SCIENCE

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Affiliated to Madurai Kamaraj University

April 2021

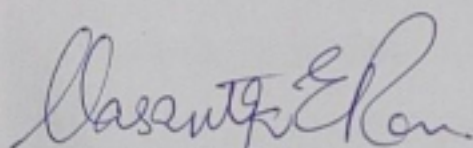
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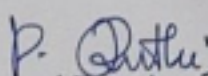
This is to certify that the thesis titled "**Development of Immune Boosting Traditional Sweet Products**" submitted in partial fulfilment of the requirements for the award of the degree of "**Master of Science in Human Nutrition and Nutraceuticals**" is a bonafide record of research work carried out by **A.ARUL PRIYA**, under my supervision and guidance and that no part of the thesis has been submitted for the award of any other degree, diploma (or) fellowship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

Place: Madurai

Date: 21. 04. 2021

Guide


Head of the Department


External Examiner 21/4/2021

DECLARATION

I hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of **Mrs. P.MagdaleneVirjini, M.Sc., Dip. Diet, NET, Assistant Professor, Research Centre of Home Science** that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

Place: Madurai

A.ARUL PRIYA

Date: 21. 04. 2021

A. Arul priya

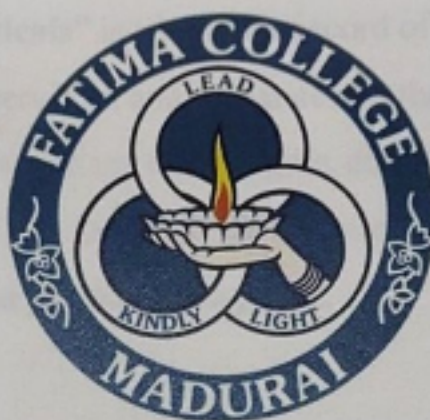
**“EFFECT OF FLAVONOIDS OF *CLITORIA TERNATEA* IN THE
PREVENTION CUM TREATMENT OF POLY CYSTIC OVARIAN
SYNDROME – A MOLECULAR DOCKING STUDY”**

Thesis submitted in partial fulfilment for the degree of

MASTER OF SCIENCE

IN

HUMAN NUTRITION AND NUTRACEUTICALS



SUBMITTED BY

ASHMA.T

2019MSCN04

PG DEPARTMENT OF HUMAN NUTRITION AND NUTRACEUTICALS

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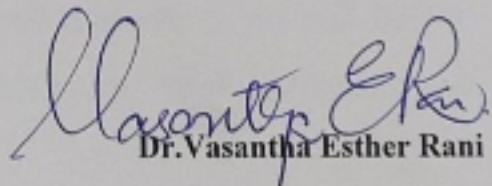
April 2021

CERTIFICATE

This is to certify that the thesis entitled “**Effect of Flavonoids of *Clitoria Ternatea* in the prevention cum treatment of Poly Cystic Ovarian Syndrome – A Molecular Docking Study**” submitted in partial fulfillment of the requirements for the award of the degree of “**Master of Science in Human Nutrition and Nutraceuticals**” is a bonafide record of research work carried out **T.ASHMA** under my supervision and guidance and that no part of the thesis has been submitted for the award of any other degree, diploma (or) fellowship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

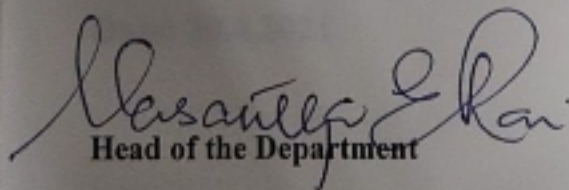
Place: Madurai

Date: 20.4.2021



Dr. Vasantha Esther Rani

Guide



Head of the Department

P. Dethi, 21/4/2021
External Examiner

ACKNOWLEDGEMENT

DECLARATION

I hereby declare that the work embodied in this dissertation has been originally carried out by me, under the guidance and supervision of **Dr.Vasantha Esther Rani, Associate Professor & Head, The Research Centre of Home Science** that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

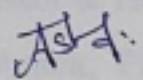
I express my grateful thanks to Dr.Vasantha Esther Rani, Head, Department of Human Nutrition and Nutraceuticals, Fatima College, Madurai for her valuable guidance, support and encouragement throughout the research period.

I feel honoured to express deep sense of gratitude to my guide Dr.Vasantha Esther Rani, Associate Professor & Head, The Research Centre of Home Science, Fatima College, Madurai for her endless love, guidance, spiritual, emotional and financial support throughout this study.

I wish to express my heartfelt thanks and gratitude to all our faculty members of the Research Centre of Home Science for their motivation and encouragement.

I wish to express my heartfelt thanks to Dr.H.Shakila, Professor & Head, Dept of Molecular Biology, School of Biotechnology and K. Ashma, Ph.D. Scholar, School of Molecular Microbiology, School of Biotechnology, Anna University for help to learn Molecular docking.

Place: Madurai


T.ASHMA

Date: 20.4.2021

2019MSCN04

I wish to express my sincere thanks to Prof. Dr.R.Karuppusamy, a post-graduate, Fatima College, Madurai for providing authorization to publish this work.

**STANDARDIZATION OF VALUE ADDED PRODUCTS FROM
DRIED POMEGRANATE LEAVES**

Thesis submitted in partial fulfillment for the degree of

MASTER OF SCIENCE

IN

HUMAN NUTRITION AND NUTRACEUTICALS



Submitted by

CHARMINI.P

2019MSCN06

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74th Rank in India Ranking 2020 (NIRF) by MHRD

Affiliated to Madurai Kamaraj University

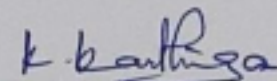
April 2021

CERTIFICATE

This is to certify that the thesis entitled "STANDARDIZATION OF VALUE ADDED PRODUCTS FROM DRIED POMEGRANATE LEAVES" submitted in partial fulfillment of the requirements for the award of the degree of "MASTER OF SCIENCE IN HUMAN NUTRITION AND NUTRACEUTICALS" is a bonafide record of research work carried out by Ms. P. CHARMINI under my supervision and guidance and that no part of the thesis has been submitted for the award of any other degree, diploma or fellowship and that the work has not been published in any part or full in any scientific or popular journal or magazine.

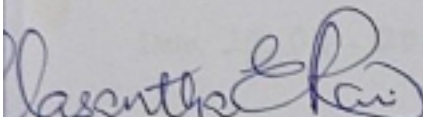
Place: Madurai

Date: 12.04.2021.



Dr. (Mrs.) K. Karthiga

Guide



Head of the Department

P. Pruthi; 21/4/2021
External examiner

DECLARATION

I hereby declare that the work embodied in this dissertation has been originally carried out by me, under the guidance and supervision of **Dr. (Mrs.) K. Karthiga Ph.D., Assistant professor, PG Department of Human Nutrition and Nutraceuticals** and that no part of the thesis has been submitted for the award of any other degree, diploma or fellowship.

ACKNOWLEDGEMENT

Place: Madurai

Date: 20.04 - 2021

Charmini P

P.CHARMINI

**FORMULATION OF FUNCTIONAL FLOWERS
INCORPORATED COOKIES**

Thesis submitted in partial fulfillment for the degree of

MASTER OF SCIENCE

IN

HUMAN NUTRITION AND NUTRACEUTICALS



Submitted by

K.DIVYA PRIYA

2019MSCN07

RESEARCH CENTRE OF HOME SCIENCE

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74th Rank in India Ranking 2018 (NIRF) by MHRD

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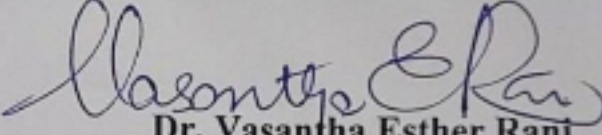
April 2021

CERTIFICATE

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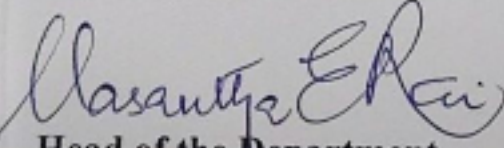
Place: Madurai

Date: 12.04.2021.

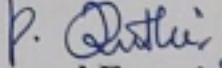


Dr. Vasantha Esther Rani

Guide



Head of the Department

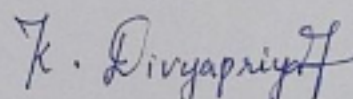
 **P. Dethi** 21/4/2021
External Examiner

DECLARATION

We hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of **Dr. Vasantha Esther Rani, Associate professor & Head, The Research Centre of Home Science** that no part of the thesis has been submitted for the award of any other degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

We wish to express our gratitude to our guide, Dr. Vasantha Esther Rani, for giving us an opportunity to widen our knowledge by doing this project. We wish to express our heartfelt thanks and gratitude to all our faculty members of the Research Centre of Home Science for their motivation and encouragement.

We would like to express our gratitude towards all persons for their kind cooperation and encouragement which helped us for the successful completion of the project. Our thanks and appreciation also goes to our friends who have helped us a lot during the course of this study.



K.DIVYA PRIYA

2019MSCN07

Place: Madurai

Date: 20.04.2021

**A STUDY OF FORMULATION AND STANDARDIZATION OF *Piper betle*
(BETEL LEAF) INCORPORATED RAGI LADDU**

**Thesis submitted in partial fulfillment for the degree of
MASTER OF SCIENCE
IN
HUMAN NUTRITION AND NUTRACEUTICALS**



Submitted by

B. EVANGELINE

2019MSCN08

RESEARCH CENTRE OF HOME SCIENCE

FATIMA COLLEGE (AUTONOMOUS)

College with potential for Excellence

Re-Accredited with 'A' Grade by NAAC (3rd Cycle)

74th Rank in India Ranking 2020 (NIRF) by MHRD

Affiliated to Madurai Kamaraj University

April 2021

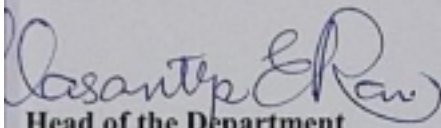
CERTIFICATE

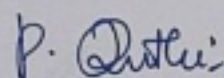
This is to certify that the thesis entitled "**A study of Formulation and Standardization of Piper betle incorporated with Ragi laddu**" submitted in partial fulfilment of the requirement for the award of the degree of "**Master of science in Human Nutrition and Nutraceuticals**" is a bonafide record of research work carried out by **B. EVANGELINE** under my supervision and guidance and that no part of the thesis has been submitted for the award of any other degree, diploma (or) fellowship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

Place : Madurai

Date: 12.04.2021

Guide


Head of the Department


External Examiner 21/4/2021

DECLARATION

We are hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of **Mrs.J.Josephine Jesintha, M.Sc, M.Phil., NET, Assistant Professor, Research Centre of Home Science** that no part of the thesis has been submitted for the award of any other degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

We wish to express our sense of gratitude to our Head of the Department, Dr. Mrs. V. Senthil Kumar Rani for giving us an opportunity to widen our knowledge by doing this project.

We are indebted to express deep sense of gratitude to our guide Mrs. J. Josephine Jesintha, M.Sc, M.Phil, NET, Assistant Professor, Research Centre of Home Science, for her guidance and support throughout this study.

We wish to express our heartfelt thanks and gratitude to all faculty members of the Research Centre of Home Science for their motivation and encouragement.

We would like to express our gratitude towards our parents for their kind co-operation and encouragement which helped us for the successful completion of the project.

Our thanks and appreciation also goes to our friends who have helped us a lot.

Place: Madurai

Date: 12.04.2021,

B. EVANGELINE

EVALUATION OF THE NUTRITIONAL QUALITY AND CONSUMPTION PATTERN OF COCONUT APPLE

Thesis submitted in partial fulfillment for the degree of

MASTER OF SCIENCE

IN

HUMAN NUTRITION AND NUTRACEUTICALS



Submitted by

M.KOWSALYA

2019MSCN09

PG DEPARTMENT OF HUMAN NUTRITION AND NUTRACEUTICALS

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College with potential for excellence
Re-accredited with 'a' grade by NAAC (3rd cycle)
74th rank in India ranking 2020 (NIRF) by MHRD

Affiliated to Madurai Kamaraj University

April 2021

CERTIFICATE

This is to certify that the thesis entitled "EVALUATION OF NUTRITIONAL QUALITY AND CONSUMPTION PATTERN OF COCONUT APPLE" submitted in partial fulfillment of the requirements for the award of the degree of "MASTER OF SCIENCE IN HUMAN NUTRITION AND NUTRACEUTICALS" is a bonafide record of research work carried out by Ms. M.Kowsalya under my supervision and guidance and that no part of the thesis has been submitted for the award of any other degree, diploma or fellowship and that the work has not been published in any part or full in any scientific or popular journal or magazine.

Place: Madurai Mrs. P. Magdalene Virgini, M.sc., Dip. Diet. NET, (Ph.D)

Date 12.04.2021

Guide


Head of the Department



External examiner 21/4/2021

DECLARATION

I hereby declare that the work embodied in this dissertation has been originally carried out by me, under the guidance and supervision of Mrs. P. Magdalene Virgini, M.sc., Dip. Diet. NET, (Ph.D), Assistant Professor, PG Department of Human Nutrition and Nutraceuticals and that no part of the thesis has been submitted for the award of any other degree, diploma or fellowship.

Place: Madurai

Date: 21.04.2021


(M. KOWSALYA)

DEVELOPMENT OF IMMUNE BOOSTING TRADITIONAL SWEET PRODUCTS

Thesis submitted in partial fulfilment for the degree of

MASTER OF SCIENCE

IN

HUMAN NUTRITION AND NUTRACEUTICALS



Submitted by

P.KRISHNA VENI

2019MSCN10

RESEARCH CENTRE OF HOME SCIENCE

FATIMA COLLEGE (AUTONOMOUS)

College with Potential for Excellence

Affiliated to Madurai Kamaraj University

April 2021

CERTIFICATE

This is to certify that the thesis titled "**Development of Immune Boosting Traditional Sweet Products**" submitted in partial fulfilment of the requirements for the award of the degree of "**Master of Science in Human Nutrition and Nutraceuticals**" is a bonafide record of research work carried out by **P.KRISHNA VENI**, under my supervision and guidance and that no part of the thesis has been submitted for the award of any other degree, diploma (or) fellowship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

Place: Madurai

Date: 21.04.2021.

Guide


Head of the Department


External Examiner 21/4/2021

DECLARATION

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Place: Madurai

Date: 21.4.2021



P.KRISHNA VENI

**Study on Effect of Supplementation of Antacid Rich Foods to
Peptic Ulcer Patients**

Thesis submitted in partial fulfilment for the degree of

**MASTER OF SCIENCE
IN
HUMAN NUTRITION AND NUTRACEUTICALS**



SUBMITTED BY

M. Malinidevi

2019MSCN11

RESEARCH CENTRE OF HOME SCIENCE

FATIMA COLLEGE (AUTONOMOUS)

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April 2021

CERTIFICATE

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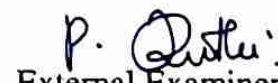
Place: Madurai

Date: 21.4.21


Ms. D. Mouna

Guide


Head of the Department

 - 21/4/2021
External Examiner

DECLARATION

I hereby declare that the work embodied in this dissertation has been originally carried out by me under the guidance and supervision of Ms. D. Mouna M.Sc., M.Phil., NET,(Ph.D) Assistant Professor, Research Centre of Home Science and that no part of the thesis has been submitted for the award of any other degree, diploma and fellowship.

Place: MADURAI

Date: 21-4-21

M. Malinidevi.
M. Malinidevi

STANDARDIZATION OF VALUE ADDED PRODUCTS FROM DRIED POMEGRANATE LEAVES

Thesis submitted in partial fulfillment for the degree of

MASTER OF SCIENCE

IN

HUMAN NUTRITION AND NUTRACEUTICALS



Submitted by

S.MARIGANESHWARI

2019MSCN12

RESEARCH CENTRE OF HOME SCIENCE

FATIMA COLLEGE (AUTONOMOUS)

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CERTIFICATE

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Place: Madurai

Date: 12.04.2021


Dr. (Mrs.) K. Karthiga
Guide


Head of the Department


External examiner 21/4/2021

DECLARATION

I hereby declare that the work embodied in this dissertation has been originally carried out by me, under the guidance and supervision of Dr. (Mrs.) K. Karthiga Ph.D., Assistant professor, PG Department of Human Nutrition and Nutraceuticals and that no part of the thesis has been submitted for the award of any other degree, diploma or fellowship.

Place: Madurai

Date: 20.04.2021

S. Mariganeshwari
S. MARIGANESHWARI

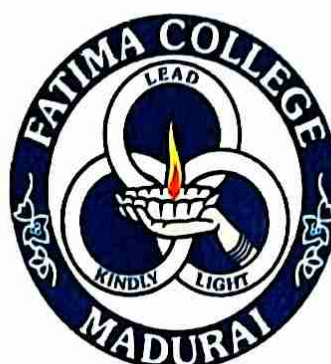
EVALUATION OF THE NUTRITIONAL QUALITY AND CONSUMPTION PATTERN OF COCONUT APPLE

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MASTER OF SCIENCE

IN

HUMAN NUTRITION AND NUTRACEUTICALS



Submitted by

M.NIVETHA

2019MSCN13

PG DEPARTMENT OF HUMAN NUTRITION AND NUTRACEUTICALS

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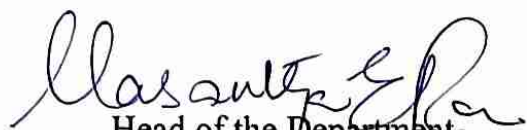
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Place: Madurai

Mrs. P. Magdalene Virgini, M.sc., Dip. Diet. NET, (Ph.D)

Date

Guide


Head of the Department


External examiner - 21/4/2021

DECLARATION

I hereby declare that the work embodied in this dissertation has been originally carried out by me, under the guidance and supervision of **Mrs. P. Magdalene Virgini, M.sc., Dip. Diet.NET, (Ph.D), Assistant Professor, PG Department of Human Nutrition and Nutraceuticals** and that no part of the thesis has been submitted for the award of any other degree, diploma or fellowship.

Place: Madurai

Date: 21.04.2021

M. Nivetha
(M. NIVETHA)

“Evaluation of Dehydrated Fenugreek Microgreens Incorporated Recipes”

submitted in partial fulfillment for the degree of

MASTER OF SCIENCE

IN

HUMAN NUTRITION AND NUTRACEUTICALS



Submitted by

M.PONLAKSHMI

2019MSCN14

RESEARCH CENTRE OF HOME SCIENCE

FATIMA COLLEGE (AUTONOMOUS)

College with potential for Excellence

Re-Accredited with ‘A’ Grade by NAAC (3rd Cycle)

65th Rank in India Ranking 2018 (NIRF) by MHRD

Affiliated to Madurai Kamaraj University

April 2021

CERTIFICATE

This is to certify that the thesis entitled "**Evaluation of Dehydrated Fenugreek Microgreens Incorporated Recipes**" submitted in partial fulfillment of the requirements for the award of the degree of "**Master of Science in Human Nutrition and Nutraceuticals**" is a bonafide record of research work carried out by **M.PONLAKSHMI and M.SHAHITHA BANU** under my supervision and guidance and that no part of the thesis has been submitted for the award of any other degree, diploma (or) fellowship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

Place: Madurai

Date: 23.4.2021



Guide



Head of the Department

P. Dethi, 21/4/2021
External Examiner

DECLARATION

We hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of Mrs C.Helen,M.sc., M.phil.,SET,(Ph.D.)Assistant Professor, Research Centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

Place: Madurai

Date: 23.4.2021

M. PonLakshmi

M.PONLAKSHMI

**CONSUMPTION PATTERN OF SWEETENERS AND DEVELOPMENT OF LOW
GLYCEMIC INDEX PRODUCTS WITH MUNTINGIA CALABURA**

Thesis submitted in partial fulfillment for the degree of

MASTER OF SCIENCE

IN

HUMAN NUTRITION AND NUTRACEUTICALS



Submitted by

S.PRADEEPA

2019MSCN15

RESEARCH CENTRE OF HOME SCIENCE

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74th Rank in India Ranking 2020 (NIRF) by MHRD

Affiliated to Madurai Kamaraj University

April 2021

CERTIFICATE

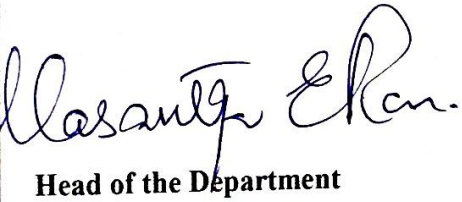
This is to certify that the thesis entitled "**Consumption Pattern of Sweeteners and Development of Low Glycemic Index Products with Muntingia calabura**" submitted in partial fulfillment of the requirements for the award of the degree of "**Master of Science in Human Nutrition and Nutraceuticals**" is a bonafide record of research work carried out by **S.Pradeepa** under my supervision and guidance and that no part of the thesis has been submitted for the award of any other degree, diploma (or) fellowship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

Place: Madurai

Date: 21.04.2021



Guide



Head of the Department

 **21/4/2021**
External Examiner

DECLARATION

I hereby declare that the work embodied in this dissertation has been originally carried out by me, under the guidance and supervision of Mrs.C.Helen, Assistant Professor, Research Centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

Place: Madurai

Date: 21.04.2021



S.PRADEEPA

2019MSCN15

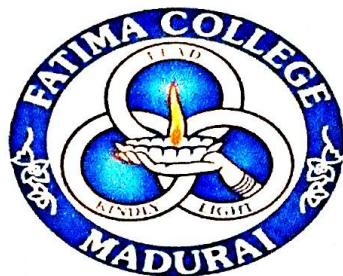
**A STUDY OF FORMULATION AND STANDARDIZATION OF *Piper betle*
(BETEL LEAF) INCORPORATED RAGI LADDU**

Thesis submitted in partial fulfillment for the degree of

MASTER OF SCIENCE

IN

HUMAN NUTRITION AND NUTRACEUTICALS



Submitted by

S. SANDHIYA GAYATHRI

2019MSCN16

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FATIMA COLLEGE (AUTONOMOUS)

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74th Rank in India Ranking 2020 (NIRF) by MHRD

Affiliated to Madurai Kamaraj University

April 2021

CERTIFICATE

This is to certify that the thesis entitled “**A study of Formulation and Standardization of Piper betle incorporated with Ragi laddu**” submitted in partial fulfilment of the requirement for the award of the degree of “**Master of science in Human Nutrition and Nutraceuticals**” is a bonafide record of research work carried out by **S. SANDHIYA GAYATHRI** under my supervision and guidance and that no part of the thesis has been submitted for the award of any other degree, diploma (or) fellowship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

Place : Madurai

Date: 20.04.2021

Guide


Head of the Department

 21/4/2021
External Examiner

DECLARATION

We are hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of **Mrs.J.Josephine Jesintha, M.Sc, M.Phil., NET, Assistant Professor, Research Centre of Home Science** that no part of the thesis has been submitted for the award of any other degree, diploma, fellowship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

Place: Madurai

Date: 20.04.21



S. SANDHIYA GAYATHRI

**STANDARDIZATION OF *VITEX NEGUNDO* LEAVES
POWDER INCORPORATED FOOD PRODUCTS**

Thesis submitted in partial fulfillment for the degree of

MASTER OF SCIENCE

IN

HUMAN NUTRITION AND NUTRACEUTICALS



Submitted by

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2019MSCN17

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74th rank in india ranking 2020 (NIRF) by MHRD**

College with potential for excellence

Affiliated to Madurai Kamaraj University

April2021

CERTIFICATE

This is to certify that the thesis entitled “STANDARDIZATION OF *VITEX NEGUNDO* LEAVES POWDER INCORPORATED FOOD PRODUCTS” submitted in partial fulfillment of the requirements for the award of the degree of “MASTER OF SCIENCE IN HUMAN NUTRITION AND NUTRACEUTICALS” is a bonafide record of research work carried out by Ms. K. SANKARI under my supervision and guidance and that no part of the thesis has been submitted for the award of any other degree, diploma or fellowship and that the work has not been published in any part or full in any scientific or popular journal or magazine.

Place:Madurai

Date: 12.04.2021 .


Dr. (Mrs.). K. Karthiga

Guide


Head of the Department

P. Dattu: 21/4/2021
External examiner

DECLARATION

I hereby declare that the work embodied in this dissertation has been originally carried out by me, under the guidance and supervision of **Dr.(Mrs.) K.Karthiga Ph.D., Assistant Professor, PG Department of Human Nutrition and Nutraceuticals** and that no part of the thesis has been submitted for the award of any other degree, diploma or fellowship.

Place:Madurai

Date: 20/4/2021

K. Sankari.
(K. SANKARI)

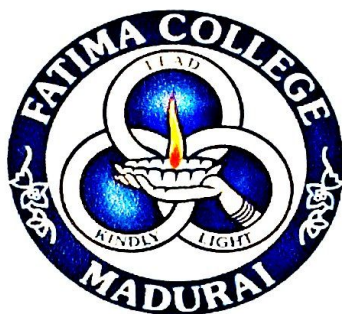
“Evaluation of Dehydrated Fenugreek Microgreens Incorporated Recipes”

submitted in partial fulfillment for the degree of

MASTER OF SCIENCE

IN

HUMAN NUTRITION AND NUTRACEUTICALS



Submitted by

M.SHAHITHA BANU

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65th Rank in India Ranking 2018 (NIRF) by MHRD

Affiliated to Madurai Kamaraj University

April 2021

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Place: Madurai

Date: 23.4.2021



Guide



Head of the Department

p. Dethi, 21/4/2021
External Examiner

DECLARATION

We hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of **Mrs C.Helen,M.sc., M.phil.,SET,(Ph.D.)Assistant Professor, Research Centre of Home Science** that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

Place: Madurai

Date: 23.4.2021



M.SHAHITHABANU

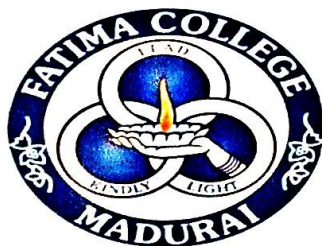
**CONSUMPTION PATTERN OF SWEETENERS AND DEVELOPMENT OF LOW
GLYCEMIC INDEX PRODUCTS WITH MUNTINGIA CALABURA**

Thesis submitted in partial fulfillment for the degree of

MASTER OF SCIENCE

IN

HUMAN NUTRITION AND NUTRACEUTICALS



Submitted by

G.SRIMATHI

2019MSCN19

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74th Rank in India Ranking 2020 (NIRF) by MHRD

Affiliated to Madurai Kamaraj University

April 2021

CERTIFICATE

This is to certify that the thesis entitled “**Consumption Pattern of Sweeteners and Development of Low Glycemic Index Products with Muntingia calabura**” submitted in partial fulfillment of the requirements for the award of the degree of “**Master of Science in Human Nutrition and Nutraceuticals**” is a bonafide record of research work carried out by **G.Srimathi** under my supervision and guidance and that no part of the thesis has been submitted for the award of any other degree, diploma (or) fellowship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

Place: Madurai

Date: 21.04.2021

Guide


Head of the Department


External Examiner 21/4/2021

DECLARATION

I hereby declare that the work embodied in this dissertation has been originally carried out by me, under the guidance and supervision of Mrs.C.Helen, Assistant Professor, Research Centre of Home Science that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

Place: Madurai

Date: 21.04.2021

G.Srimathi

G.SRIMATHI

2019MSCN19

Formulation and standardization of *Moringa oleifera* seed incorporated products for diabetes

Thesis submitted in partial fulfillment for the degree of

MASTER OF SCIENCE

IN

HUMAN NUTRITION AND NUTRACEUTICALS



Submitted by

S.SUMATHI

2019MSCN20

RESEARCH CENTRE OF HOME SCIENCE

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74th Rank in India Ranking 2020 (NIRF) by MHRD

Affiliated to Madurai Kamaraj University

April 2021

CERTIFICATE

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Place: Madurai

Date: 20.4.21

Guide


Head of the Department


External Examiner 21/4/2021

DECLARATION

We hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of **Mrs. J. Josephine Jesintha, M.Sc, M.Phil., NET, Assistant Professor, Research Centre of Home Science** that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

Place: Madurai

Date: 20 . 4 . 21

S. Sumathi
S.SUMATHI

STANDARDIZATION OF HEALTHY HERBAL CHOCOLATE CUP CAKE

Thesis submitted in partial fulfillment for the degree of

MASTER OF SCIENCE

IN

HUMAN NUTRITION AND NUTRACEUTICALS



Submitted by

B. Thangamariammal

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RESEARCH CENTRE OF HOME SCIENCE

FATIMA COLLEGE (AUTONOMOUS)

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74th Rank in India Ranking 2020 (NIRF) by MHRD

Affiliated to Madurai Kamaraj University

April 2021

CERTIFICATE

This is to certify that the thesis entitled “ **STANDARDIZATION OF HEALTHY HERBAL CHOCOLATE CUP CAKE** ” submitted in partial fulfillment of the requirements for the award of the degree of “**Master of Science in Human Nutrition and Nutraceuticals**” is a bonafide record of research work carried out by **B. Thangamariammmal** under my supervision and guidance and that no part of the thesis has been submitted for the award of any other degree, diploma (or) fellowship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

Place: Madurai

Date: 12.04.2021


Mrs. D. Mouna 21/4/21

Guide


Head of the Department


P. Duthi-21/4/2021
External Examiner

DECLARATION

We hereby declare that the work embodied in this dissertation has been originally carried out by us, under the guidance and supervision of **Mrs. D. Mouna, M.Sc., M.Phil., NET (Ph. D) Assistant professor, Research Centre of Home Science** that no part of the thesis has been submitted for the award of any other degree, diploma, fellow ship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

Place: Madurai

Date: 12.04.2021

B. Thangam

B. Thangamariammal

**Study on Effect of Supplementation of Antacid Rich Foods to
Peptic Ulcer Patients**

Thesis submitted in partial fulfilment for the degree of

**MASTER OF SCIENCE
IN
HUMAN NUTRITION AND NUTRACEUTICALS**



SUBMITTED BY

K. VidhyaSeethai

2019MSCN23

RESEARCH CENTRE OF HOME SCIENCE

FATIMA COLLEGE (AUTONOMOUS)

College with potential for excellence

Re-accredited with “A” Grade by NAAC (3rd Cycle)

National Level 74th Rank – NIRF 2020

Affiliated to Madurai Kamaraj University

April 2021

CERTIFICATE

This is to certify that the thesis entitled — “Study on Effect of Supplementation of Antacid Rich Foods to Peptic Ulcer Patients” submitted in partial fulfilment of the requirement for the award of the degree of —MASTER OF SCIENCE IN HUMAN NUTRITION AND NUTRACEUTICALS is a bonafide record of research work carried out by K. VIDHYA SEETHAI under my supervision and guidance and that no part of the thesis has been submitted for the award of any degree, diploma or fellowship and that the work has not published in any part or full in any scientific or popular journal or magazine.

Place: Madurai

Date: 12-04-2021


Ms. D. Mouna 24/4/21

Guide


Head of the Department

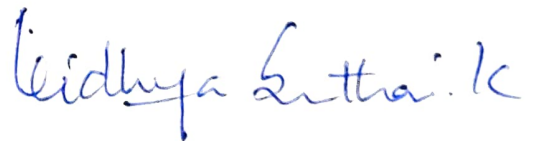

P. Quilley, 21/4/2021
External Examiner

DECLARATION

I hereby declare that the work embodied in this dissertation has been originally carried out by me under the guidance and supervision of Ms. D. Mouna M.Sc., M.Phil., NET.(Ph.D) Assistant Professor, Research Centre of Home Science and that no part of the thesis has been submitted for the award of any other degree, diploma and fellowship.

Place: MADURAI

Date: 12.04.2021.



K. VidhyaSeethai

DEVELOPMENT OF IMMUNE BOOSTING TRADITIONAL SWEET PRODUCTS

Thesis submitted in partial fulfilment for the degree of

MASTER OF SCIENCE

IN

HUMAN NUTRITION AND NUTRACEUTICALS



Submitted by

S.NIVEDHA

2019MSCN24

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FATIMA COLLEGE (AUTONOMOUS)

College with Potential for Excellence

Affiliated to Madurai Kamaraj University

April 2021

CERTIFICATE


This is to certify that the thesis titled “**Development of Immune Boosting Traditional Sweet Products**” submitted in partial fulfilment of the requirements for the award of the degree of “**Master of Science in Human Nutrition and Nutraceuticals**” is a bonafide record of research work carried out by S.NIVEDHA, under my supervision and guidance and that no part of the thesis has been submitted for the award of any other degree, diploma (or) fellowship or other similar titles or prizes and that the work has not been published in any part or full in any scientific or popular journal or magazine.

Place: Madurai

Date: 21/04/21

Guide


Head of the Department


External Examiner 21/4/2021

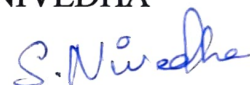
DECLARATION

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Place: Madurai

Date: 21/04/21

S.NIVEDHA



Formulation and standardization of *Moringa oleifera* seed incorporated products for diabetes

Thesis submitted in partial fulfillment for the degree of

MASTER OF SCIENCE

IN

HUMAN NUTRITION AND NUTRACEUTICALS



Submitted by

K. DHARUNYA

2019MSCN25

RESEARCH CENTRE OF HOME SCIENCE

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74th Rank in India Ranking 2020 (NIRF) by MHRD

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Place: Madurai

Date: 20.4.21

Guide


Head of the Department


External Examiner 21/4/2021

DECLARATION

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Place: Madurai

Date: 20 . 4 . 21

K. Dharunya

K. DHARUNYA