

**ASSESSMENT OF PYTOCHEMICAL ANALYSIS AND
ANTIOXIDENT ASSAY OF MORINGA OLEIFERA
LEAVES INCOPORATED IDLY POWDER**

A THESIS

Submitted by

T. BABISHA	-	20203091520209
M.T BISMI	-	20203091520211
D. DEELIA	-	20203091520213
R.M GISSMA	-	20203091520216
G. MARY KUBISHA	-	20203091520226
G. VARSHA	-	20203091520248

**A Dissertation submitted to the Manonmaniam Sundaranar
University in partial fulfilment for the award of the degree of
BACHELOR OF SCIENCE IN NUTRITION AND DIETETICS**



**PG & RESEARCH DEPARTMENT OF NUTRITION AND
DIETETICS**

**MUSLIM ARTS COLLEGE
THIRUVITHANCODE - 629174**


APRIL 2023

MUSLIM ARTS COLLEGE
THIRUVITHANCODE – 6291174



BONAFIDE CERTIFICATE

Certificate that this Thesis titled "ASSESSMENT OF PYTOCHEMICAL ANALYSIS AND ANTIOXIDANT ASSAY OF MORINGA OLEIFERA LEAVES INCOPORATED IDLY POWDER "is the bonafide work of BISMI (Reg No: 20203091520211), BABISHA (Reg No: 20203091520209), DEELIA (Reg No: 20203091520213), GISSMA (Reg No: 20203091520216), MARY KUBISHA (Reg No: 20203091520226), VARSHA (Reg No: 20203091520248) who carried out the work under my supervision. Certificate further that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.



HEAD OF THE DEPARTMENT OF NUTRITION & DIETETICS
MUSLIM ARTS COLLEGE
Thiruvithancode - 6291174
Signature of the HOD & Guide

Mrs. T. Sherin Mary, M. SC., M. Phill., B. Ed., NET.,
Professor and Head of the Department of Nutrition and Dietetics,
Muslim Arts College,
Thiruvithancode - 629174

Signature of the Principal



External Examiners

1. 
28/4/23

2. 
28/04/23

**PHYTOCHEMICAL PROPERTIES , NUTRITIONAL
ANALYSIS AND DEVELOPMENT OF PRODUCT
USING *ZIZANIA AQUATICA***

A THESIS

Submitted by

B.S.PRIYA DHARSHINI	20203091520232
S.RAMYA	20203091520233
A.RASMIYAH	20203091520234
I.REVATHI	20203091520235
B.RIJANA	20203091520236

Submitted to Manomaniam Sundaranar University, Thirunelveli

In partial fulfillment of the requirement for the award of the degree of

BACHELOR OF SCIENCE

IN NUTRITION AND DIETETICS WITH

HOSPITALITY MANAGEMENT



PG AND RESEARCH DEPARTMENT OF

NUTRITION AND DIETETICS

MUSLIM ARTS COLLEGE

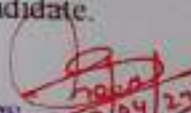
THIRUVITHANCODE -62917

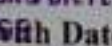
APRIL-2023



BONAFIDE CERTIFICATE

Certified that this titled " PHYTOCHEMICAL PROPERTIES , NUTRITIONAL ANALYSIS AND DEVELOPMENT OF PRODUCT USING ZIZANIA AQUATICA "is the bonafide work of B.S.PRIYA DHARSHINI (20203091520232), S.RAMYA (20203091520232) A.RASMIYAH(20203091520234) ,I.REVATHI(20203091520235) B.RIJANA (20203091520236) Who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.


HEAD OF THE DEPARTMENT OF NUTRITION & DIETETICS

Signature of HODARTS  Date

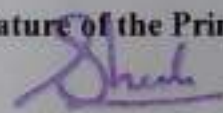
THIRUVITHANCODE - 629174
Mrs. T. Sherin Mary, M.Sc., M.phil, B.Ed., NET

Professor and Head of the department

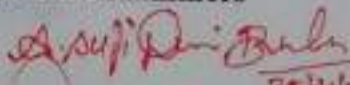

PG and Research Department of nutrition and dietetics,

Muslim Arts College,

Thiruvithancode.

Signature of the Principal


External Examiners

1. 
26/4/23
2. 
26/4/23

**“STUDY ON PROCESSING AND QUALITIES
EVALUATION OF *IPOMOEA BATATAS*
POWDER INCORPORATED PRODUCTS”**

A THESIS

Submitted by

MERLIN RHSHIYA. K	20203091520227
NASRIN. M	20203091520228
NISHANA. M.S	20203091520230
NUZHA ANWAR. A	20203091520231
THANU SREE. K	20203091520246

*In partial fulfilment of requirement for the award of the Bachelor of Science
in Nutrition and Dietetics with Hospitality Management*

**BACHELOR OF SCIENCE IN NUTRITION AND DIETETICS WITH
HOSPITALITY MANAGEMENT**



**PG AND RESEARCH DEPARTMENT OF NUTRITION
AND DIETETICS**

MUSLIM ARTS COLLEGE, THIRUVINTHANCODE – 629 174

MAY-2023

MUSLIM ARTS COLLEGE
THIRUVINTHANCODE – 629 174



BONAFIDE CERTIFICATE

Certified that this Thesis titled "STUDY ON PROCESSING AND QUALITIES EVALUATION OF IPOMOEA, BATATAS POWDER INCORPORATED PRODUCTS" is a bonafide work of MERLIN RHSHIYA. K (20203091520227), NASRIN. M (20203091520228), NISHANA. M.S (20203091520230), NUZHA ANWAR. A (20203091520231) THANU SREE. K (20203091520246) who carried out the work under my supervision. Certified further that to the best of knowledge the work reported here in does not form part of any thesis of dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

20/04/23
HEAD OF THE DEPARTMENT OF NUTRITION & DIETETICS

MUSLIM ARTS COLLEGE
THIRUVINTHANCODE - 629174

Mrs.T.Sherin Mary,M.Sc.,M.Phil.,NET.,B.Ed

Head of the Department

P G and Research Department of Nutrition
and Dietetics

Muslim Arts College,

Thiruvithancode – 629 174

Signature of the Principal

Signature of Supervisor

Dr.T. Renisheya Joy Jeba Malar

Assistant Professor

P G and Research Department of
Nutrition and Dietetics

Muslim Arts College,

Thiruvithancode - 629 174

Signature of the Examiners

1 20/4/23
2 20/04/23

**EVALUATION OF NUTRIENTS,
PHYTOCONSTITUENTS, ANTIOXIDANT
PROPERTIES AND PRODUCT FORMULATION
OF *CORYLUS AVELLANA***

A THESIS

Submitted by

ALFINA.S	20203091520201
ARSHA FATHIMA.S	20203091520204
AZRA FATHIMA.S	20203091520208
BASIRIYA BANU.K	20203091520210
DHANSIHA.P	20203091520214

In partial fulfilment for the award of the degree of

**BACHELOR OF SCIENCE IN NUTRITION AND
DIETETICS**



**PG AND RESEARCH DEPARTMENT OF NUTRITION
AND DIETETICS**

MUSLIM ARTS COLLEGE

THIRUVITHANCODE-629174

APRIL 2023

MUSLIM ARTS COLLEGE

THIRUVITHANCODE-629174



BONAFIDE CERTIFICATE

Certified that the Thesis titled "EVALUATION OF NUTRIENTS, PHYTOCONSTITUENTS, ANTIOXIDANT PROPERTIES PROPERTIES A AND PRODUCT FORMULATION OF "CORYLUS AVELLANA".POWDER INCORPORATED PRODUCTS" is the bonafide work of ALFINA.S (20203091520201), ARSHA FATHIMA.S (20203091520204), AZRA FATHIMA (20203091520208), BASIRIYA BANU (20203091520210), DHANSIHA.P (20203091520214 who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Signature of the HOD

HEAD OF THE DEPARTMENT OF NUTRITION & DIETETICS

MUSLIM ARTS COLLEGE
Mrs. T. Sherin Mary
THIRUVITHANCODE - 629174
M.Sc., M.Phil, B.Ed., NET., Ph.D.
Assistant Professor and Head
PG and research Department of
Nutrition and Dietetics
Muslim Arts college
Thiruvithancode-629174

Signature of the Supervisor

Mrs. I.M.Shifana Jasmine
M.Sc., M.Phil. B.Ed
Assistant professor,
PG and Research Department of
Nutrition and dietetics
Muslim Arts College
Thiruvithancode-629174

Signature of the Principal

External Examiners

1. A. Sufi Dine Bala 28/4/23

2. [Signature] 28/4/23

**ANALYSIS OF NUTRIENT AND
ORGANOLEPTIC EVALUATION OF
PHYLLANTHUS ACIDUS**

A THESIS

SUBMITTED BY

JASMINE.S	20203091520220
SAJITHA.M	20203091520237
VERONISHA.C	20203091520249
VINOTHINI.M	20203091520250
YAMUNA.R	20203091520251

*Submitted to the Manonmaniam Sundaranar University in partial
fulfilment for the award of the degree of*

**BACHELOR OF SCIENCE
IN NUTRITION AND DIETETICS**



**PG AND RESEARCH DEPARTMENT OF
NUTRITION AND DIETETICS**

**MUSLIM ARTS COLLEGE
THIRUVITHANCODE-629174**

APRIL- 2023

MUSLIM ARTS COLLEGE
THIRUVITHANCODE



BONAFIDE CERTIFICATE

Certified that this Thesis titled "ANALYSIS OF NUTRIENT AND ORGANOLEPTIC EVALUATION OF PHYLLANTHUS ACIDUS" is the bonafide work of JASMINE.S (20203091520220), SAJITHA.M (20203091520237), VERONISHA.C (20203091520249), VINOOTHINI.M (20203091520250), and YAMUNA.R (20203091520251) who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate

HEAD OF THE DEPARTMENT OF NUTRITION & DIETETICS
MUSLIM ARTS COLLEGE

Signature of the HOD

Mrs. T. Sherin Mary,
M.Sc., M.Phil, B.Ed., NET
Head of the PG and Research
Department of Nutrition and Dietetics
Muslim Arts College
Thiruvithancode - 629 174



Signature of the Guide

Mrs. I.M.SHIFANA JASMINE M.Sc, B.Ed
Professor
PG and Research
Department of Nutrition and Dietetics
Muslim Arts College
Thiruvithancode - 629 174

Signature of the Principal

Dr. G. Edwin Sheela

External Examiners

1.  28/4/23
2.  28/04/23

ANALYZING THE SENSORY QUALITIES OF NATURAL FLAVOURS - ICE CREAM
AND THEIR PHYTOCHEMICALS , ANTIOXIDANT , ANTI- MICROBIAL AND
NUTRITIONAL CONTENT.

A THESIS

Submitted by

ASWINI .R	20203091520207
HALEEMA SADHIYA .S	20203091520217
HASNA FATHIMA. N	20203091520219
JENISHA . J	20203091520222
SHAHANA.M	20203091520239

*Submitted to the Manonmaniam sundaranar university in partial fulfilment of the
requirement for the award of the degree of*

BACHELOR OF SCIENCE IN
NUTRITION AND DIETETICS



PG AND RESEARCH DEPARTMENT OF NUTRITION AND DIETETICS

MUSLIM ARTS COLLEGE

THIRUVITHANCODE -629174

MAY 2023

MUSLIM ARTS COLLEGE

THIRUVITHANCODE-629174



BONAFIDE CERTIFICATE

Certified that this Thesis titled "ANALYZING THE SENSORY QUALITIES OF NATURAL FLAVOURS - ICECREAM AND THEIR PHYTOCHEMICALS, ANTIOXIDANT, ANTI-MICROBIAL AND NUTRITIONAL CONTENT" is the bonafide work of ASWINLR (20203091520207), HALEEMA SADHIYA.S (20203091520217), HASNA FATHIMA.N (20203091520219), JENISHA.J (20203091520222), SHAHANA. M (20203091520239) who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

Signature of the HOD

HEAD OF THE DEPARTMENT OF NUTRITION & DIETETICS

Mrs. T. Sherin Mary,
MUSLIM ARTS COLLEGE
THIRUVITHANCODE - 629174

M.Sc., M.Phil., B.Ed., NET.,

HOD, PG and Research Department of

Nutrition and Dietetics ;

Muslim Arts College,

Thiruvithancode - 629174.

Signature of Supervisor

Dr.M.Velvizhi, M.Sc, Ph.D,

Assistant professor,

PG and Research Department of

Nutrition and dietetics ;

Muslim Arts College,

Thiruvithancode - 629174.

Signature of the Principal

External Examiners

1. A. Saji, Ph.D. 02/4/23
2. [Signature] 02/4/23

**EVALUATION OF THE PHYTOCHEMICAL,
NUTRITIONAL AND SENSORY PROPERTIES OF
PHYLLOSTACHYS BAMBUSOIDES**

A THESIS

Submitted by

SHANIA FATHIMA. M	20203091520241
SINDHU. A	20203091520243
STEFFY .S	20203091520244
SURTHI DAS. Y.S	20203091520245
THOWFIYA FARZANA. S	20203091520247

*Submitted to the Manonmaniam Sundaranar University in partial
fulfillment for the award of the degree of*

**BACHELOR OF SCIENCE
IN NUTRITION AND DIETETICS**



**PG AND RESEARCH DEPARTMENT OF NUTRITION
AND DIETETICS**

**MUSLIM ARTS COLLEGE
THIRUVITHANCODE - 629174**


APRIL - 2023

MUSLIM ARTS COLLEGE
THIRUVITHANCODE





BONAFIDE CERTIFICATE

Certified that this Thesis titled "EVALUATION OF THE PHYTOCHEMICAL, NUTRITINAL AND SENSORY PROPERTIES OF *PHYLLOSTACHYS BAMBUSOIDES*" is the bonafide work of SHANIA FATHIMA. M (20203091520241), SINDHU (20203091520343), STEFFY.S (20203091520244), SURTHI DAS.Y.S (20203091520245) AND THOWFIYA FARZANA.S (20203091520247) who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.


28/04/23
HEAD OF THE DEPARTMENT OF NUTRITION & DIETETICS
Signature of the Guide and HOD
MUSLIM ARTS COLLEGE
THIRUVITHANCODE - 629174
Mrs. T. Sherin Mary, M.Sc., M.Phil, B.Ed., NET.

Professor and Head of the Department
PG and Research Department of Nutrition and Dietetics
Muslim Arts College,
Thiruvithancode – 629174.

External Examiners

1. 
28/4/23
2. 
28/04/23

Signature of the Principal


Dr. G. Edwin Steela

**FORMULATION, ANALYSIS AND SENSORY
ATTRIBUTES OF *MACROTYLOMA UNIFLORUM*
INCORPORATED PRODUCTS**

A THESIS

Submitted by

JENIFER RAJ.V	20203091520221
JILSHA.P.U	20203091520223
KHATEEJA RASMIYA.M	20203091520224
KUDHSIYA ISMATH.S	20203091520225
NAZLIN.S	20203091520229

*To the Manonmaniam Sundaranar University in partial fulfillment of
the requirement for the award of the degree of*

**BACHELOR OF SCIENCE
IN NUTRITION AND DIETETICS**



**PG AND RESEARCH DEPARTMENT OF
NUTRITION AND DIETETICS
MUSLIM ARTS COLLEGE
THIRUVITHANCODE -629174**

APRIL 2023

MUSLIM ARTS COLLEGE
THIRUVITHANCODE- 629174



BONAFIDE CERTIFICATE


Certified that this Thesis titled "FORMULATION, ANALYSIS AND SENSORY ATTRIBUTES OF *MACROTYLOMA UNIFLORUM* INCORPORATED PRODUCTS" is the bonafide work of JENIFER RAJ.V (20203091520221), JILSHA.P.U(20203091520223), KHATEEJA RASMIYA.M(20203091520224), KUDHSIYA ISMATH.S(20203091520225), NAZLIN.S(20203091520229) who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.


Signature of the HOD
MUSLIM ARTS COLLEGE

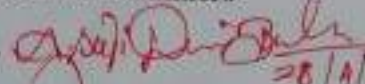

THIRUVITHANCODE - 629174
Mrs. T. Sherin Mary, M.Sc., B.Ed.,
M.Phil., NET.,
Professor and Head of the Department
P.G and Research Department of
Nutrition and Dietetics,
Muslim Arts Colleg,
Thiruvithancode – 629 174.


Signature of the Guide

Dr.T.Renisheya Joy Jeba Malar, M.sc,
M.Phil,Ph.D
Assistant Professor
PG and Research Department of
Nutrition and Dietetics,
Muslim Arts College,
Thiruvithancode- 629174.


Signature of the Principal

External Examiners

- 
28/11/23
- 
28/04/23

**PHYTOCHEMICAL, NUTRITIONAL EVALUATION
AND SENSORY CHARACTERISTICS OF
*ARENCA PINNATA***

A THESIS

Submitted by

ANCHU .J.U	20203091520202
ANLIN LEO .L.F	20203091520203
ARUNA PADMAKRISHNAN	20203091520205
ASHMI .J	20203091520206
FATHIMA RUBINA .P	20203091520215
HANAA RAALIYA	20203091520218

*To the Manonmaniam Sundaranar University in partial
fulfillment for the award of the degree of*

**BACHELOR OF SCIENCE IN
NUTRITION AND DIETETICS**



**PG AND RESEARCH DEPARTMENT OF
NUTRITION AND DIETETICS
MUSLIM ARTS COLLEGE
THIRUVITHANCODE-629174
APRIL - 2023**

MUSLIM ARTS COLLEGE
THIRUVITHANCODE



BONAFIDE CERTIFICATE

Certified that this Thesis titled "PHYTOCHEMICAL, NUTRITIONAL EVALUATION AND SENSORY CHARACTERISTICS OF *ARENGA PINNATA*" is the bonafide work of ANCHU.J (20203091520202), ANLINLEO.L.F (20203091520203), ARUNA PADMAKRISHNAN (20203091520205), ASHMI.J (20203091520206), FATHIMA RUBINA.P (20203091520215), HANAA RAALIYA (20203091520218) who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported here in does not form part of any thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.


HEAD OF THE DEPARTMENT OF NUTRITION & DIETETICS
MUSLIM ARTS COLLEGE
THIRUVITHANCODE - 629 174

Mrs. T. Sherin Mary, M.Sc., M.Phil., B.Ed., NET.,

Professor and Head


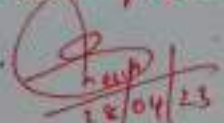
PG and Research Department of Nutrition and Dietetics

Muslim Arts College

Thiruvithancode - 629 174


Signature of the Principal
Dr. G. Edwin Sheela

External Examiners

1. 
28/4/23
2. 
18/04/23