

**PHYTOCHEMICAL AND ANTIMICROBIAL ACTIVITY OF MANGIFERA
INDICA**

Dissertation submitted to Idhaya College for women, Sarugani

(Accredited with 'A' Grade by NAAC)

Affiliated to Alagappa University, Karaikudi in partial fulfilment of

The requirements for the award of the Degree of

BACHELOR OF SCIENCE IN BIOCHEMISTRY

Submitted by:

K.ABINAYA & P.YUGADEVI

Reg. no. 1820131001,1820131020

Under the Guidance of

Mrs.V.BANU PRIYA M. SC



DEPARTMENT OF BIOCHEMISTRY

IDHAYA COLLEGE FOR WOMEN

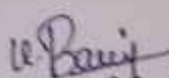
SARUGANI - 630 411

APRIL-2023

CERTIFICATE

This is certificate that the dissertation entitled "PHYTOCHEMICAL AND ANTIMICROBIAL ACTIVITY OF MANGIFERA INDICA" as submitted by P.YUGADEVI AND K.ABINAYA in partial fulfilment of the Degree of Bachelor of Science in Biochemistry carried out by her under the guidance and supervision of the Mrs.V.BANU PRIYA M.Sc., , Assistant Professor, Department of biochemistry during the period of her study in the academic year 2020-2023. This dissertation or any part of this thesis has not been submitted elsewhere for the award of any other degree.


Signature of the Head of Department


Signature of the Guide

Head of the Department
Department of Biochemistry
Jadhaya College for Women
Arockla Nagar, SARLIGANI
SIVAGANGAI DISTRICT


Signature of the External Examiner

SEA WEEDS LIQUID FERTILIZER

Dissertation submitted to Idhaya College for women, Sarugani

(Accredited with A Grade by NAAC)

Affiliated to Alagappa University, Karaikudi in partial fulfillment of

The requirements for the award of the Degree of

BACHELOR OF SCIENCE IN BIOCHEMISTRY

Submitted by:

K.ANSANA AND LVENNILA

Reg. no. 1820131002,1820131019

Under the Guidance of

Mrs .S. JOTHI M. SC., M. Phil.,



DEPARTMENT OF BIO CHEMISTRY

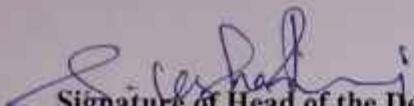
IDHAYA COLLEGE FOR WOMEN

SARUGANI – 630 411


APRIL-2023

CERTIFICATE

This is certificate that the dissertation entitled as "SEAWEED LIQUID FERTILIZER" as submitted by **K.ANSANA AND I.VENNILA** in partial fulfilment of the Degree of Bachelor of Science in Biochemistry carried out by her under the guidance and supervision in the **Mrs.S.JOTHI M.Sc., M.Phil.**, Assistant Professor, Department of Biochemistry during the period of her study in the academic year 2020-2023. This dissertation or any part there of has not been submitted elsewhere for the award of any other degree.


Signature of Head of the Department

Head of the Department
Department of Biochemistry
Sudhaya College for Women
Arockia Nagar, SARUGANI
SIVAGANGAI DISTRICT


Signature of the Guide


Signature of the External Examiner

ANALYSIS OF SOME MINERAL CONTENT IN COCONUT WATER

Dissertation submitted to Idhaya College for women, sarugani
(Accredited with A Grade by NAAC)

Affiliated to Alagappa University, karaikudi in partial fulfilled of

The requirements for the award of the degree of
BACHELOR OF SCIENCE IN BIOCHEMISTRY

Submitted by

K.BHARKAVI & B. SNEKA

Reg.no.1820131003 & 1820131018

Under the guidance of

Mrs.S.Jothi M.sc.,M.phil.,

MS.Dr.S.USHARANI M.sc.,M.phil.,ph.D

DEPARTMENT OF BIOCHEMISTRY

IDHAYA COLLEGE FOR WOMEN

SARUGANI-630 411




APRIL-2023

CERTIFICATE

This is to certify that dissertation entitled **ANALYSIS OF SOME MINERAL CONTENT IN COCONUT WATER** submitted by **K.BHARKAVI & B.SNEKA** in partial fulfilled of the Degree of Bachelor of science in Biochemistry carried out under my guidance and supervision in the Department of Biochemistry, Idhaya college for women ,Sarugani , during the period of their study in the academic year 2020-2023. The dissertation or any part thereof has not been submitted else where's of any degree.


Signature of the Head of the Department.


Signature of guidance

Head of the Department
Department of Biochemistry
Idhaya College for Women
Associate Prof., SARUGANI
SIVAGANGAPET


Signature of the External Examiner

ANTIMICROBIAL ACTIVITY OF LEAF EXTRACT OF GUAVA
(Psidiumguajava)

Dissertation submitted to

IDHAYA COLLEGE FOR WOMEN, SARUGANI

[Accredited with A Grade by NAAC]

Affiliated to Alagappa University, Karaikudi in Partial fulfillment of

The requirement for the award of the Degree of

BACHELOR OF SCIENCE IN BIOCHEMISTRY

Submitted by

J. SHOBANA & A. FRANCISCA

Reg.no.1820131017 & 1820131004

Under the Guidance of

Mrs.M.ANIS FATIMA Msc., M.Phil., B.Ed

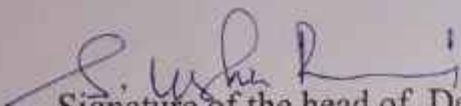


IDHAYA COLLEGE FOR WOMEN SARUGANI - 630 411

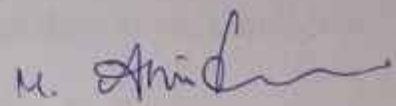
DEPARTMENT OF BIOCHEMISTRY APRIL - 2023

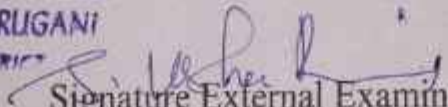
CERTIFICATE:

This is certificate to that the dissertation entitled as ANTIMICROBIAL ACTIVITY AND PHYTOCHEMICAL SCREENING OF COLEUS AROMATICS OF LEAF EXTRACT OF GUAVA (*Psidiumguajava*)” submitted by J.SHOBANA and A.FRANCISCA In partial fulfilment of the degree of bachelor of science in Biochemistry carried out by her under the guidance and supervision in the Department of biochemistry, Idhaya college for Women ,Sarugani,and MS. Dr S.USHARANI , MSc., M.Phil., Ph.D Head of the department during the period of their study in the academic year 2022-2023. This dissertation or any part of this thesis has not been submitted else where for the award of any other degree.


Signature of the head of Department

Head of the Department
Department of Biochemistry
Idhaya College for Women
Arockia Nagar, SARUGANI
SRIVAGANGAI DISTRICT


Signature of the Guide


Signature External Examiner

**PYTOCHEMICAL AND ANTIOXIDANT ACTIVITY OF
MUSA ACUMINATA**

Dissertation submitted to Idhaya College for women, Sarugani.

(Accredited with A+ Grade by NAAC)

Affiliated to Alagappa University, Karaikudi in partial of fulfilment of
the requirement for the award of the degree of

BACHELOR OF SCIENCE IN BIOCHEMISTRY

Submitted by:

M.GAYATHRI AND C.SAMIYUKTHA

Register no: 1820131005 & 1820131016

Under the Guidance of

Dr.S.Usharani M.sc, M.phil, PhD

DEPARTMENT OF BIOCHEMISTRY

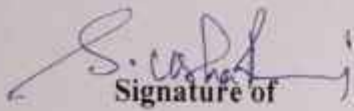
IDHAYA COLLEGE FOR WOMEN, SARUGANI – 630411



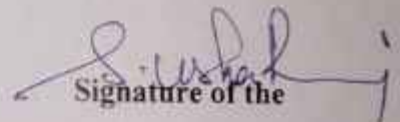
APRIL - 2023

CERTIFICATE

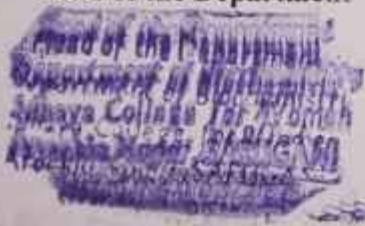
This is that the dissertation entitled as **PHYTOCHEMICAL AND ANTIOXIDANT ACTIVITY OF MUSA ACUMINATA** submitted by **M.GAYATHRI AND C.SAMIYUKTHA** in partial fulfilment of the degree of Bachelor of Science in Biochemistry carried out by her under the guidance and supervision in the Department of Biochemistry, Idhaya College for Women, Sarugani, and **Dr.S.USHARANI,M.Sc.,M.Phil.,Phd.**, Head of the Department during the period of her study in the academic year 2020-2023. This dissertation or any part thereof has not been submitted elsewhere for the award of any other degree.


Signature of

Head of the Department


Signature of the

External Examiner



**FRUITS WASTE AND BROWN SUGAR AMINO ACID IS A BIO-
FERTILIZER IN ORGANIC FARMING**

Dissertation submitted to Idhaya College for women, Sarugani

(Accredited with A Grade by NAAC)

Affiliated to Alagappa University, Karaikal in partial fulfillment of

The requirements for the award of the Degree of

BACHELOR OF SCIENCE IN BIOCHEMISTRY

Submitted by:

R.HEMAROSHINI, J.PRIYATHARSHINI

T.RUTHRA

Reg. no. 1820131006, 1820131010, 1820131015

Under the Guidance of

Dr. S. USHARANI M. SC., M. Phil., Ph.D.,

DEPARTMENT OF BIOCHEMISTRY

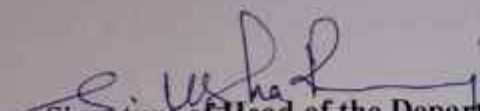
IDHAYA COLLEGE FOR WOMEN SARUGANI – 630 411



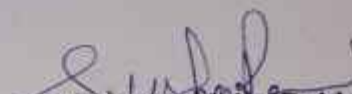
APRIL-2023

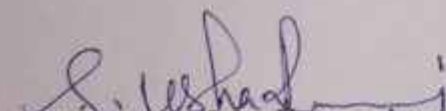
CERTIFICATE

This is to that the dissertation entitled as "FRUITS WASTE AND BROWN SUGAR AMINO ACID IS A BIO-FERTILIZER IN ORGANIC FARMING" submitted by R.HEMAROSHINI , J.PRIYATHARSHINI AND T.RUTHRA in partial fulfilment of the degree of Bachelor of Science in Biochemistry carried out by her under the guidance and supervision in the Department of Biochemistry, Idhaya college for women sarugani and Dr. S.USHARANI, M.Sc., M.Phil., Ph.D., Head of the department during the period of her study in the academic year 2020-2023. This dissertation or any part there of has not been submitted elsewhere for the award of any other degree.


Signature of Head of the Department

Head of the Department
Department of Biochemistry
Idhaya College for Women
Arockia Nagar, SARUGANI
TIRUVANANTHAPURAM DISTRICT


Signature of the Guide


Signature of the External examiner

**PHYTOCHEMICAL AND ANTIOXIDANT ACTIVITY OF
ONION EXTRACT**

Dissertation submitted to

IDHAYA COLLEGE FOR WOMEN, SARUGANI

[Accredited with 'A' Grade by NAAC]

Affiliated to Alagappa University, Karaikudi in Partial fulfillment of

The requirement for the award of the Degree of

BACHELOR OF SCIENCE IN BIOCHEMISTRY

Submitted by

S.RUBA & H.IFTHIKA SALSEERIN

Reg No.1820131014 & 1820131007

Under the Guidance of

Mrs.V.BANUPRIYA M.Sc.,



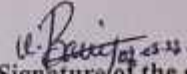
IDHAYA COLLEGE FOR WOMEN SARUGANI -630 411

DEPARTMENT OF BIOCHEMISTRY APRIL-2023

CERTIFICATE

This is certificate that the dissertation entitled as “PHYTOCHEMICAL AND ANTIOXIDANT ACTIVITY OF ONION EXTRACT” submitted by S.RUBA & H.IFTHIKA SALSEERIN In partial fulfillment of the degree of bachelor of science in Biochemistry carried out the guidance and supervision of the department of Biochemistry, Idhaya college for Women Sarugani, and Mrs.V.BANUPRIYA M.Sc., assistant professor Department of biochemistry during the period of her study in academic year 2020-2023. This dissertation or any part of thesis has not been submitted elsewhere for the award of any other degree.


Signature of the head of Department
Head of the Department
Department of Biochemistry
Idhaya College for Women
Arockla Nagar, SARUGANI
MAYAGANGAI DISTRICT


Signature of the guidance


Signature of the External Examiner

**ANTIMICROBIAL ACTIVITY AND PHYTOCHEMICAL
SCREENING OF COLEUS AROMATICUS**

Dissertation submitted to Idhaya College for women, Sarugani

(Accredited with A+ Grade by NAAC)

Affiliated to Alagappa University, Karaikudi in partial fulfillment of

The requirements for the award of the Degree of

BACHELOR OF SCIENCE IN BIOCHEMISTRY

Submitted by:

M.KARTHIKA & M. KEERTHANA

Reg. no. 1820131008 & 1820131009

Under the Guidance of

Ms. Dr. S. USHARANI M. SC., M. phil., PhD.,



IDHAYA COLLEGE FOR WOMEN, SARUGANI – 630 411

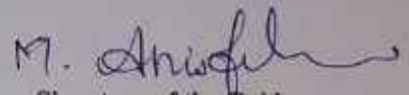
DEPARTMENT OF BIOCHEMISTRY APRIL -2023

CERTIFICATE

This is that the dissertation entitled as **ANTIMICROBIAL ACTIVITY AND PHYTOCHEMICAL SCREENING OF COLEUS AROMATICUS** submitted by **M.KARTHIKA & M.KEERTHANA** in partial fulfilment of the degree of Bachelor of Science in Biochemistry carried out by her under the guidance and supervision in the Department of Biochemistry, Idhaya College for Women, Sarugani, and **Dr.S.USHARANI,M.Sc.,M.Phil.,Phd.**, Head of the Department during the period of her study in the academic year 2020-2023. This dissertation or any part thereof has not been submitted elsewhere for the award of any other degree.


Signature of the Head of Department

Head of the Department
Department of Biochemistry
Idhaya College for Women
Arockla Nagar, SARUGANI
SIYAGANGAI DISTRICT


Signature of the Guide


Signature of the External Examiner

**ANTIMICROBIAL ACTIVITY AND PHYTOCHEMICAL
SCREENING OF COLEUS AROMATICUS**

Dissertation submitted to Idhaya College for women, Sarugani

(Accredited with A+ Grade by NAAC)

Affiliated to Alagappa University, Karaikudi in partial fulfillment of

The requirements for the award of the Degree of

BACHELOR OF SCIENCE IN BIOCHEMISTRY

Submitted by:

M.KARTHIKA & M. KEERTHANA

Reg. no. 1820131008 & 1820131009

Under the Guidance of

Ms. Dr. S. USHARANI M. SC., M. phil., PhD.,



IDHAYA COLLEGE FOR WOMEN, SARUGANI – 630 411

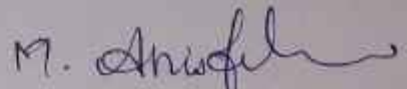
DEPARTMENT OF BIOCHEMISTRY APRIL -2023

CERTIFICATE

This is that the dissertation entitled as **ANTIMICROBIAL ACTIVITY AND PHYTOCHEMICAL SCREENING OF COLEUS AROMATICUS** submitted by **M.KARTHIKA & M.KEERTHANA** in partial fulfilment of the degree of Bachelor of Science in Biochemistry carried out by her under the guidance and supervision in the Department of Biochemistry, Idhaya College for Women, Sarugani, and **Dr.S.USHARANI,MSc.,M.Phil.,Phd.,** Head of the Department during the period of her study in the academic year 2020-2023. This dissertation or any part thereof has not been submitted elsewhere for the award of any other degree.


Signature of the Head of Department

Head of the Department
Department of Biochemistry
Idhaya College for Women
Arockia Nagar, SARUGANI
BIYAGANGAL DISTRICT


Signature of the Guide


Signature of the External Examiner

**FRUITS WASTE AND BROWN SUGAR AMINO ACID IS A BIO-
FERTILIZER IN ORGANIC FARMING**

Dissertation submitted to Idhaya College for women, Sarugani

(Accredited with A Grade by NAAC)

Affiliated to Alagappa University, Karaikudi in partial fulfillment of

The requirements for the award of the Degree of

BACHELOR OF SCIENCE IN BIOCHEMISTRY

Submitted by:

R.HEMAROSHINI, J.PRIYATHARSHINI

T.RUTHRA

Reg. no. 1820131006, 1820131010, 1820131015

Under the Guidance of

Dr. S. USHARANI M. SC., M. Phil., PhD.,

DEPARTMENT OF BIOCHEMISTRY

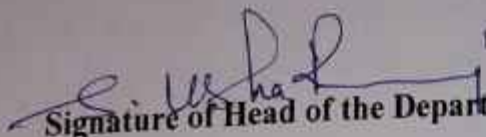
IDHAYA COLLEGE FOR WOMEN SARUGANI – 630 411




APRIL-2023

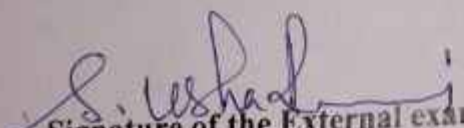
CERTIFICATE

This is to that the dissertation entitled as "FRUITS WASTE AND BROWN SUGAR AMINO ACID IS A BIO-FERTILIZER IN ORGANIC FARMING" submitted by R.HEMAROSHINI , J.PRIYATHARSHINI AND T.RUTHRA in partial fulfilment of the degree of Bachelor of Science in Biochemistry carried out by her under the guidance and supervision in the Department of Biochemistry, Idhaya college for women sarugani and Dr. S.USHARANI, M.Sc., M.Phil., Ph.D., Head of the department during the period of her study in the academic year 2020-2023. This dissertation or any part there of has not been submitted elsewhere for the award of any other degree.


Signature of Head of the Department

Head of the Department
Department of Biochemistry
Idhaya College for Women
Arockia Nagar, SARUGANI
SIVAGANGAI DISTRICT


Signature of the Guide


Signature of the External examiner

**ANTIMICROBIAL ACTIVITY AND PHYTOCHEMICAL
SCREENING OF MURRAYA KOENIGI**

Dissertation submitted to Idhaya College for women, Sarugani

(Accredited with A Grade by NAAC)

Affiliated to Alagappa University, Karaikudi in partial t of fulfilment of

The requirements for the award of the Degree of

BACHELOR OF SCIENCE IN BIOCHEMISTRY

Submitted by:

K.ROOPA,T.PUNITHA SRI

Reg. no. 1820131013,1820131011

Under the Guidance of

Dr. S. USHARANI M. SC., M. Phil., PhD.,

DEPARTMENT OF BIOCHEMISTRY

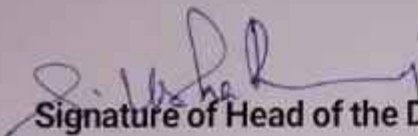
IDHAYA COLLEGE FOR WOMEN SARUGANI-630 411

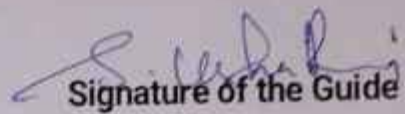


APRIL-2023

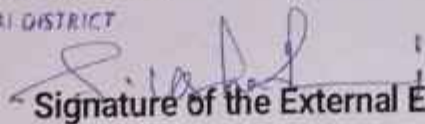
CERTIFICATE

This is to that the dissertation entitled as **ANTIMICROBIAL ACTIVITY AND PHYTOCHEMICAL SCREENING OF MURRAYA KOENIGII** submitted by **K. ROOPA, T. PUNITHA SRI** in partial fulfilment of the degree of bachelor of Science in Biochemistry carried out by her under the guidance and supervision in the Department of Biochemistry, Idhaya College for Women, Sarugani, and **Dr. S.USHARANI, M.Sc., M.Phil., Ph.D.**, Head of the department during the period of her study in the academic year 2020-2023. This dissertation or any part thereof has not been submitted elsewhere for the award of any other degree.


Signature of Head of the Department


Signature of the Guide

Head of the Department
Department of Biochemistry
Idhaya College for Women
Arochla Nagar, SARUGANI
SIVAGANGAI DISTRICT


Signature of the External Examiner

**ANTIMICROBIAL ACTIVITY AND PHYTOCHEMICAL
SCREENING OF MURRAYA KOENIGI**

Dissertation submitted to Idhaya College for women, Sarugani

(Accredited with A Grade by NAAC)

Affiliated to Alagappa University, Karaikudi in partial fulfillment of

The requirements for the award of the Degree of

BACHELOR OF SCIENCE IN BIOCHEMISTRY

Submitted by:

K.ROOPA,T.PUNITHA SRI

Reg. no. 1820131013,1820131011

Under the Guidance of

Dr. S. USHARANI M. SC., M. Phil., PhD.,

DEPARTMENT OF BIOCHEMISTRY


IDHAYA COLLEGE FOR WOMEN SARUGANI – 630 411

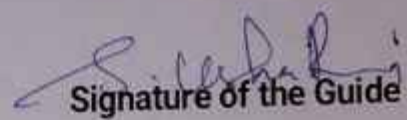


APRIL-2023

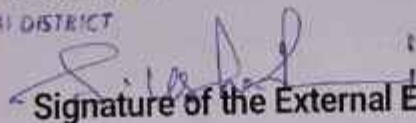
CERTIFICATE

This is to that the dissertation entitled as **ANTIMICROBIAL ACTIVITY AND PHYTOCHEMICAL SCREENING OF MURRAYA KOENIGII** submitted by **K. ROOPA, T. PUNITHA SRI** in partial fulfilment of the degree of bachelor of Science in Biochemistry carried out by her under the guidance and supervision in the Department of Biochemistry, Idhaya College for Women, Sarugani, and **Dr. S.USHARANI, M.Sc., M.Phil., Ph.D.**, Head of the department during the period of her study in the academic year 2020-2023. This dissertation or any part thereof has not been submitted elsewhere for the award of any other degree.


Signature of Head of the Department


Signature of the Guide

Head of the Department
Department of Biochemistry
Idhaya College for Women
Aroclia Nagar, SARUGANI
SIVAGANGAI DISTRICT


Signature of the External Examiner

**PHYTOCHEMICAL AND ANTIOXIDANT ACTIVITY OF
ONION EXTRACT**

Dissertation submitted to

IDHAYA COLLEGE FOR WOMEN, SARUGANI

[Accredited with 'A' Grade by NAAC]

Affiliated to Alagappa University, Karaikudi in Partial fulfillment of

The requirement for the award of the Degree of

BACHELOR OF SCIENCE IN BIOCHEMISTRY

Submitted by

S.RUBA & H.IFTHIKA SALSEERIN

Reg No.1820131014 & 1820131007

Under the Guidance of

Mrs.V.BANUPRIYA M.Sc.,

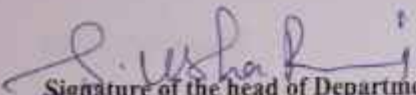


IDHAYA COLLEGE FOR WOMEN SARUGANI -630 411


DEPARTMENT OF BIOCHEMISTRY APRIL-2023

CERTIFICATE

This is certificate that the dissertation entitled as "PHYTOCHEMICAL AND ANTIOXIDANT ACTIVITY OF ONION EXTRACT" submitted by S.RUBA & H.IFTHIKA SALSEERIN In partial fulfillment of the degree of bachelor of science in Biochemistry carried out the guidance and supervision of the department of Biochemistry, Idhaya college for Women Sarugani, and Mrs.V.BANUPRIYA M.Sc., assistant professor Department of biochemistry during the period of her study in academic year 2020-2023. This dissertation or any part of thesis has not been submitted elsewhere for the award of any other degree.


Signature of the head of Department

Head of the Department
Department of Biochemistry
Idhaya College for Women
Arockla Nagar, SARUGANI
SIYAGANGAI DISTRICT


Signature of the guidance


Signature of the External Examiner

**FRUITS WASTE AND BROWN SUGAR AMINO ACID IS A BIO-
FERTILIZER IN ORGANIC FARMING**

Dissertation submitted to Idhaya College for women, Sarugani

(Accredited with A Grade by NAAC)

Affiliated to Alagappa University, Karaikudi in partial fulfillment of

The requirements for the award of the Degree of

BACHELOR OF SCIENCE IN BIOCHEMISTRY

Submitted by:

R.HEMAROSHINI, J.PRIYATHARSHINI

T.RUTHRA

Reg. no. 1820131006, 1820131010, 1820131015

Under the Guidance of

Dr. S. USHARANI M. SC., M. Phil., Ph.D.,

DEPARTMENT OF BIOCHEMISTRY

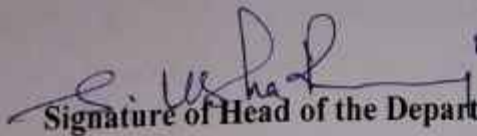
IDHAYA COLLEGE FOR WOMEN SARUGANI – 630 411



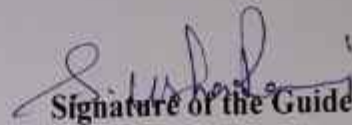
APRIL-2023

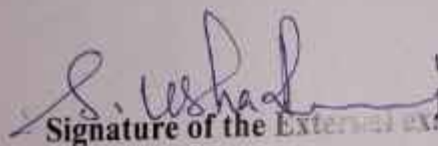
CERTIFICATE

This is to that the dissertation entitled as "FRUITS WASTE AND BROWN SUGAR AMINO ACID IS A BIO-FERTILIZER IN ORGANIC FARMING" submitted by R.HEMAROSHINI , J.PRIYATHARSHINI AND T.RUTHRA in partial fulfilment of the degree of Bachelor of Science in Biochemistry carried out by her under the guidance and supervision in the Department of Biochemistry, Idhaya college for women sarugani and Dr. S.USHARANI, M.Sc., M.Phil., Ph.D., Head of the department during the period of her study in the academic year 2020-2023. This dissertation or any part there of has not been submitted elsewhere for the award of any other degree.


Signature of Head of the Department

Head of the Department
Department of Biochemistry
Idhaya College for Women
Arockia Nagar, SARUGANI
SIVAGANGAI DISTRICT


Signature of the Guide


Signature of the External examiner

**PYTOCHEMICAL AND ANTIOXIDANT ACTIVITY OF
MUSA ACUMINATA**

Dissertation submitted to Idhaya College for women, Sarugani.

(Accredited with A+ Grade by NAAC)

Affiliated to Alagappa University, Karaikal in partial fulfillment of
the requirement for the award of the degree of

BACHELOR OF SCIENCE IN BIOCHEMISTRY

Submitted by:

M.GAYATHRI AND C.SAMIYUKTHA

Register no: 1820131005 & 1820131016

Under the Guidance of

Dr.S.Usharani M.sc, M.phil, PhD

DEPARTMENT OF BIOCHEMISTRY

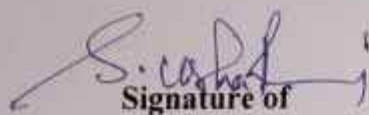
IDHAYA COLLEGE FOR WOMEN, SARUGANI – 630411



APRIL - 2023

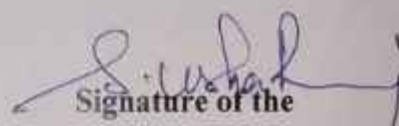
CERTIFICATE

This is that the dissertation entitled as **PHYTOCHEMICAL AND ANTIOXIDANT ACTIVITY OF MUSA ACUMINATA** submitted by **M.GAYATHRI AND C.SAMIYUKTHA** in partial fulfilment of the degree of Bachelor of Science in Biochemistry carried out by her under the guidance and supervision in the Department of Biochemistry, Idhaya College for Women, Sarugani, and **Dr.S.USHARANI,M.Sc.,M.Phil.,Phd.**, Head of the Department during the period of her study in the academic year 2020-2023. This dissertation or any part thereof has not been submitted elsewhere for the award of any other degree.


Signature of

Head of the Department




Signature of the

External Examiner

**ANTIMICROBIAL ACTIVITY OF LEAF EXTRACT OF GUAVA
(Psidiumguajava)**

Dissertation submitted to

IDHAYA COLLEGE FOR WOMEN, SARUGANI

[Accereditated with A Grade by NAAC]

Affiliated to AlagappaUnivercity, Karaikudi in Partial fulfillment of

The requirement for the award of the Degree of

BACHELOR OF SCIENCE IN BIOCHEMISTRY

Submitted by

J. SHOBANA & A. FRANCISCA

Reg no. 1820131017 & 1820131004

Under the Guidance of

Mrs. MANIS FATIMA Msc., M.Phil., B.Ed

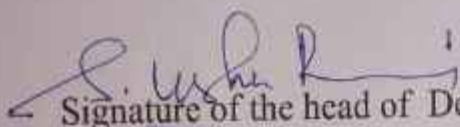


IDHAYA COLLEGE FOR WOMEN SARUGANI - 630 411

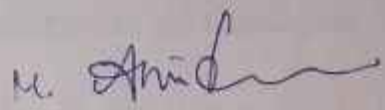
DEPARTMENT OF BIOCHEMISTRY APRIL - 2023

CERTIFICATE:

This is certificate to that the dissertation entitled as ANTIMICROBIAL ACTIVITY AND PHYTOCHEMICAL SCREENING OF COLEUS AROMATICS OF LEAF EXTRACT OF GUAVA (*Psidiumguajava*)" submitted by J.SHOBANA and A.FRANCISCA In partial fulfilment of the degree of bachelor of science in Biochemistry carried out by her under the guidance and supervision in the Department of biochemistry, Idhaya college for Women ,Sarugani,and MS. Dr S.USHARANI , MSc., M.Phil., Ph.D Head of the department during the period of their study in the academic year 2022-2023. This dissertation or any part of this thesis has not been submitted else where for the award of any other degree.


Signature of the head of Department

Head of the Department
Department of Biochemistry
Idhaya College for Women
Arockia Nagar, SARUGANI
SIVAGANGAI DISTRICT


Signature of the Guide


Signature External Examiner

ANALYSIS OF SOME MINERAL CONTENT IN COCONUT WATER

Dissertation submitted to Idhaya College for women, sarugani

(Accredited with A Grade by NAAC)

Affiliated to Alagappa University, karaikudi in partial fulfilled of

The requirements for the award of the degree of

BACHELOR OF SCIENCE IN BIOCHEMISTRY

Submitted by

K.BHARKAVI & B. SNEKA

Reg.no.1820131003 & 1820131018

Under the guidance of

Mrs.S.Jothi M.sc.,M.phil.,

MS.Dr.S.USHARANI M.sc.,M.phil.,ph.D

DEPARTMENT OF BIOCHEMISTRY

IDHAYA COLLEGE FOR WOMEN

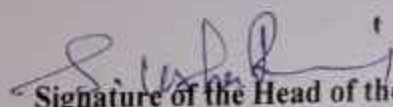
SARUGANI-630 411

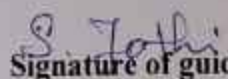


APRIL-2023

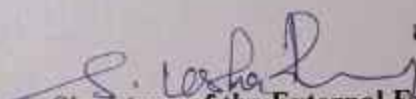
CERTIFICATE

This is to certify that dissertation entitled **ANALYSIS OF SOME MINERAL CONTENT IN COCONUT WATER** submitted by **K.BHARKAVI & B.SNEKA** in partial fulfilled of the Degree of Bachelor of science in Biochemistry carried out under my guidance and supervision in the Department of Biochemistry, Idhaya college for women ,Sarugani , during the period of their study in the academic year 2020-2023. The dissertation or any part thereof has not been submitted else where's of any degree.


Signature of the Head of the Department.


Signature of guidance

Head of the Department
Department of Biochemistry
Idhaya College for Women
Moolachanurga, SARUGANI
CHANNarayana
CHANNarayana


Signature of the External Examiner

SEA WEEDS LIQUID FERTILIZER

Dissertation submitted to Idhaya College for women, Sarugani

(Accredited with A Grade by NAAC)

Affiliated to Alagappa University, Karaikudi in partial fulfillment of

The requirements for the award of the Degree of

BACHELOR OF SCIENCE IN BIOCHEMISTRY

Submitted by:

K.ANSANA AND LVENNILA

Reg. no. 1820131002,1820131019

Under the Guidance of

Mrs .S. JOTHI M. SC., M. Phil.,



DEPARTMENT OF BIO CHEMISTRY


IDHAYA COLLEGE FOR WOMEN

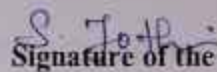
SARUGANI – 630 411

APRIL-2023

CERTIFICATE

This is certificate that the dissertation entitled as "SEAWEED LIQUID FERTILIZER"
as submitted by **K.ANSANA AND L.VENNILA** in partial fulfilment of the Degree of
Bachelor of Science in Biochemistry carried out by her under the guidance and supervision in the
Mrs.S.JOTHI M.Sc., M.Phil., Assistant Professor, Department of Biochemistry during the
period of her study in the academic year 2020-2023. This dissertation or any part there of has
not been submitted elsewhere for the award of any other degree.


Signature of Head of the Department


Signature of the Guide

Head of the Department
Department of Biochemistry
Sadhya College for Women
Arockia Nagar, SARUGANI
SIVAGANGAI DISTRICT


Signature of the External Examiner

PHYTOCHEMICAL AND ANTIMICROBIAL ACTIVITY OF MANGIFERA INDICA

Dissertation submitted to Idhaya College for women, Sarugani

(Accredited with 'A' Grade by NAAC)

Affiliated to Alagappa University, Karaikudi in partial fulfilment of

The requirements for the award of the Degree of

BACHELOR OF SCIENCE IN BIOCHEMISTRY

Submitted by:

K.ABINAYA & P.YUGADEVI

Reg. no. 1820131001,1820131020

Under the Guidance of

Mrs.V.BANU PRIYA M. SC



DEPARTMENT OF BIOCHEMISTRY

IDHAYA COLLEGE FOR WOMEN

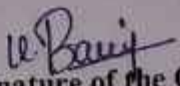
SARUGANI – 630 411

APRIL-2023

CERTIFICATE

This is certificate that the dissertation entitled "**PHYTOCHEMICAL AND ANTIMICROBIAL ACTIVITY OF MANGIFERA INDICA**" as submitted by **P.YUGADEVI AND K.ABINAYA** in partial fulfilment of the Degree of Bachelor of Science in Biochemistry carried out by her under the guidance and supervision of the **Mrs.V.BANU PRIYA M.Sc.,** Assistant Professor, Department of biochemistry during the period of her study in the academic year 2020-2023. This dissertation or any part of this thesis has not been submitted elsewhere for the award of any other degree.


Signature of the Head of Department


Signature of the Guide

Head of the Department
Department of Biochemistry
Idhaya College for Women
Arockla Nagar, SARLIGANI
SHIVANGAI DISTRICT


Signature of the External Examiner