

MANGALORE UNIVERSITY
P G CENTRE, CHIKKA ALUVARA
DEPARTMENT OF STUDIES IN BOTANY

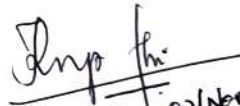
CERTIFICATE

Certified that this is the record of project work titled “**Study of Physicochemical and Biological characteristics of selected Ponds from Somwarapete taluk, Kodagu district**” carried out by **Ms. Arya K., Reg No: 193902713, Ms.Nayana Janardhanan., Reg. No.: 193902711, Mr Pavan Kumar R., Reg No: 193902706** as a part of the M.Sc. IVth semester course in Botany (2020-2021) and submitted to the Department of Botany, Mangalore University for evaluation.


COORDINATOR

Co-Ordinator
Department Of Botany
Mangalore University

Arzana Kavery, Post Graduate Centre, Chikka Aluvvara-571232
P.B.No19, Kushalnagar (Post)
Somwarpet (Tq), Kodagu (District)


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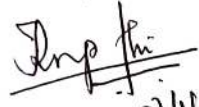
DEPARTMENT OF STUDIES IN BOTANY

CERTIFICATE

Certified that this is the record of project work titled "**Isolation and phylogenetic analysis of endophytic fungi *Nigropsora oryzae* (Berk. & Broome) from the leaf of *Breynia vitis-idaea* Burm.f C.E.C.Fischer**" carried out by **Ms. Ashwini Ashokan P., Reg No: 193902709, Ms. Aswathi K. Reg No: 193902712** as a part of the M.Sc. IVth semester course in Botany (2020-2021) and submitted to the Department of Botany, Mangalore University for evaluation.


Co-Ordinator
CO-ORDINATOR

Department Of Botany
Mangalore University
Jyana Kavery, Post Graduate Centre, Chikka Aluvara- 571232.
P.B.No19, Kushalnagar (Post)
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DEPARTMENT OF STUDIES IN BOTANY

CERTIFICATE

Certified that this is the record of project work titled “STUDIES ON THE SEED HEALTH TESTING OF SELECTED PULSES” carried out by Ms. MEGHANA P.S Reg. No.: 193902710, Ms. ASHMITHA A.R. Reg.No: 193902705 as a part of the M.Sc. IVth semester course in Botany (2020-2021) and submitted to the Department of Botany, Mangalore University for evaluation.



CHAIRPERSON

Co-Ordinator

Department Of Botany
Mangalore University

Joana Kavory, Post Graduate Centre, Chikka Aluvara- 571232,
P.B.No19, Kushalnager (Post)
Somwarpet (Tq), Kodagu (District)

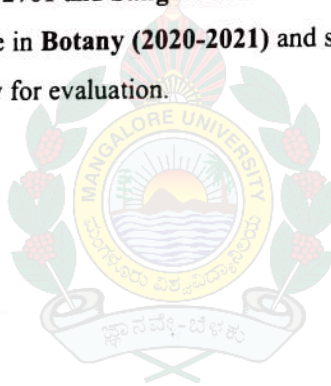



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P G CENTRE, CHIKKA ALUVARA
DEPARTMENT OF STUDIES IN BOTANY

CERTIFICATE

Certified that this is the record of project work titled “**Molecular phylogeny of endophytic fungi from the leaves of *Breynia vitis-idaea* (Burm.f.) C.E.C. Fischer.**” carried out by **Ms. Brunda C. D. Reg. No.: 193902701** and **Sangeetha B. M. Reg. No.: 193902702** as a part of the **M.Sc., IVth semester course in Botany (2020-2021)** and submitted to the **Department of Botany, Mangalore University** for evaluation.





CO-ORDINATOR

Department Of Botany
Mangalore University

Post Graduate Centre, Chikka Aluvara- 571232,
P.B.No19, Kushalnagar (Post)
Somwarpet (Tq), Kodagu (District)

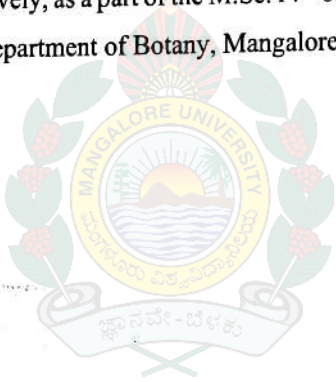


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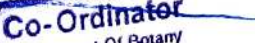
MANGALORE UNIVERSITY
P G CENTRE, CHIKKA ALUVARA
DEPARTMENT OF STUDIES IN BOTANY

CERTIFICATE

Certified that this is the record of project work titled “Isolation, identification and phylogenetic analysis of endophytic fungi from the leaves of *Breynia vitis-idaea* (Burm.f.) C.E.C.Fischer” carried out by Ms. Sreelekha A & Ms. Shilpa M Reg. No.: 193902707 & Reg. No.: 193902708 respectively, as a part of the M.Sc. IVth semester course in Botany (2020-2021) and submitted to the Department of Botany, Mangalore University for evaluation.




CHAIRPERSON


Co-Ordinator

Department Of Botany
Mangalore University

Jaana Kavery, Post Graduate Centre, Chikka Aluvvara: 571232,
P.B.No18, Kushalnagar (Post)
Somarpet (Tq), Kodaikanal District


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DEPARTMENT OF STUDIES IN BOTANY

CERTIFICATE

Certified that this is the record of project work titled “**Isolation and molecular characterization of endophytic fungi of *Brenia vitis-idaea* petiole**” carried out by **Ms. Sujatha S S, Ms. Savitha. S.N** Reg. No.: **193902704/ 193902703** as a part of the M.Sc. IVth semester course in Botany (2020-2021) and submitted to the Department of Botany, Mangalore University for evaluation.




COORDINATOR

Co-Ordinator

Department Of Botany
Mangalore University

Post Graduate Centre, Chikka Aluvara- 574232,
P.B.No19, Kushalnagar (Post)
Somwarpet (Tq), Kodagu (District)


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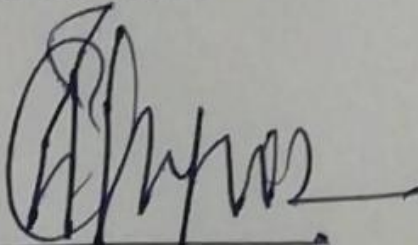
M.Sc. BOTANY Course, Mangalagangothri 574 199

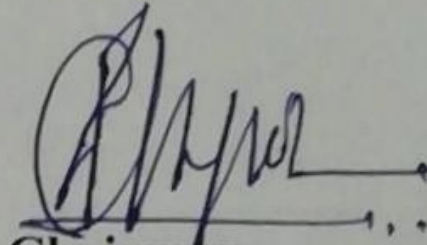
CERTIFICATE

This is to certify that the dissertation entitled "**EVALUATION OF ACUTE ORAL TOXICITY EXPOSURE TO THE CHLOROFORM LEAVES EXTRACT OF *Syzygium kanarense* (TALBOT) RAIZADA**" submitted to Mangalore University, Mangalore by Reg. No.193072701 under the guidance of **Prof. Raju Krishna Chalannavar**, towards partial fulfillment of the Master of Science degree in Botany, is a faithful record of bonafide and original research work carried by him in the academic year 2020-2021.

Place: Mangalagangothri

Date: 30-10-2021


Research Supervisor


Chairman
Chairman
Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.

MANGALORE



UNIVERSITY

(Accredited by NAAC)
M.Sc. Botany Course, Mangalagangothri 574 199

CERTIFICATE

This is to certify that the dissertation entitled "EVALUATION OF ACUTE ORAL TOXICITY IN METHANOLIC EXTRACT OF *LOBELIA NICOTIANIFOLIA* ROTH EX SCHULT. LEAF IN WISTAR RATS" submitted to Mangalore University, Mangalagangothri, Mangalore by Reg. No. 193072702, towards partial fulfillment of the Master of Science degree in Botany, is a faithful record of bonafide and original research work carried by her in the academic year 2020-2021.

Place: Mangalagangothri, Konaje

Date: 30-10-2021

Signature of Examiners

Signature of Chairman

Chairman

Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.

MANGALORE



UNIVERSITY

(Accredited by NAAC with 'A' Grade)

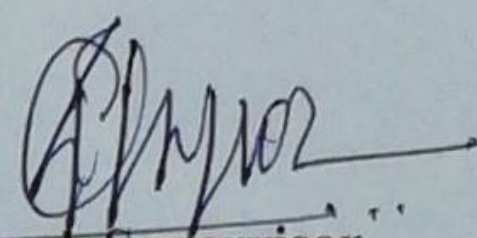
M.Sc. BOTANY Course, Mangalagangothri 574 199

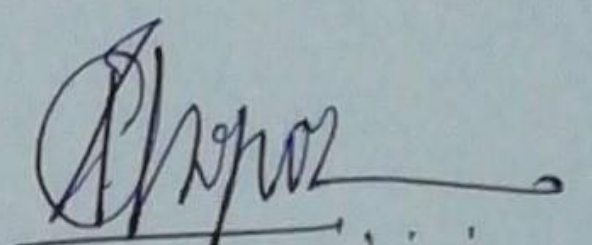
CERTIFICATE

This is to certify that the dissertation entitled "EVALUATION OF ACUTE ORAL TOXICITY EXPOSURE TO THE CHLOROFORM LEAVES EXTRACT OF *Syzygium kanarensis* (TALBOT) RAIZADA" submitted to Mangalore University, Mangalore by **Reg. No.193072703** under the guidance of **Prof. Raju Krishna Chalannavar**, towards partial fulfillment of the Master of Science degree in Botany, is a faithful record of bonafide and original research work carried by him in the academic year 2020-2021.

Place: Mangalagangothri

Date: 30-10-2021


Research Supervisor


Chairman
Chairman
Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.

CERTIFICATE



This is to certify that this work entitled “STUDY ON ANTHRACNOSE DISEASE OF COW PEA (*VIGNA UNGUICULATA*) AND ITS MANAGEMENT” submitted by 193072704 in partial fulfillment for degree of Master of Science in Botany of Mangalore University, contains the result of bona fide research carried out by her at Department of Applied Botany Mangalore University, under my supervision and guidance. No part of this has been submitted to any other university for awarding any other degree or diploma. All sources of help received by them during the course of this work have been duly acknowledged.

Signature of Supervisor

Dr. Raju Krishna Challanavar

Department of Applied Botany
Chairman
Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.
Place: Konaje

Date: 9-10-2021

Signature of Examiners

CERTIFICATE



This is to certify that this work entitled “STUDY ON PHYTOCHEMICALS AND ANTIBACTERIAL ACTIVITY OF THE LEAF EXTRACTS OF *Calycopteris floribunda* Lam.” submitted by Reg no:193072705, in partial fulfillment for degree of Master of Science in Botany of Mangalore University, contains the result of bonafide research carried out by her at Department of Applied Botany Mangalore University, under my supervision and guidance.

Krishnakumar
30/10/21
Guide

Konaje
Date

[Signature]
Chairperson

Chairman
Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.

CERTIFICATE



This is to certify that this work entitled "A SURVEY ON THE DISEASE MANAGEMENT OF FRUIT ROT OF *Areca catechu* L. IN KASARAGOD DISTRICT OF KERALA" submitted by 193072706, in partial fulfillment for degree of Master of Science in Botany of Mangalore University, contains the result of bonafide research carried out by her at Department of Applied Botany Mangalore University, under my supervision and guidance. No part of this has been submitted to any other university for awarding any other degree or diploma. All sources of help received by them during the course of this work have been duly acknowledged.

Signature of Supervisor

Dr. A Ramesh

Department of Applied Botany

Place: Konaje

Date: 19-10-2021

Signature of Examiner

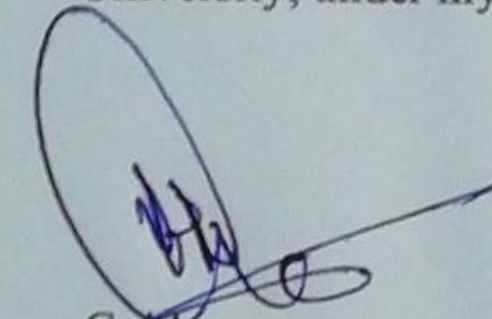
Chairman

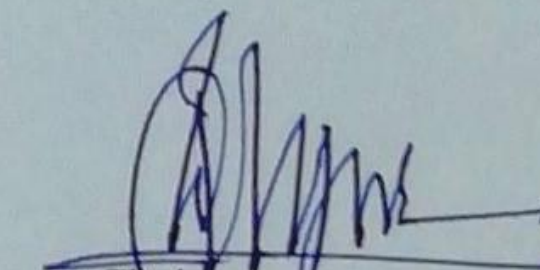
Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.

CERTIFICATE



This is to certify that this work entitled "**A Study on Seed Health Parameters in Different Varieties of Paddy**", submitted by **Reg no:193072707**, in partial fulfillment for degree of Master of Science in Botany of Mangalore University, contains the result of bonafide research carried out by her at Department of Applied Botany Mangalore University, under my supervision and guidance.


Guide


Chairperson
Chairman

Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.

Konaje

Date: 30/10/2021



MANGALORE UNIVERSITY

DEPARTMENT OF BOTANY

CERTIFICATE

Certified that this is the record of project work titled "**STUDY ON PHYTOCHEMICALS AND ANTIMICROBIAL ACTIVITY OF THE LEAF EXTRACTS OF *Strychnos nux-vomica* Linn.** carried out by Ms. Bhavya D Nayak (Reg.no 193072708) as a part of the M.Sc. IV semester course in Botany (CBSE - 2020 -21) and submitted to the Department of Botany , Mangalore University for evaluation.

Chairman

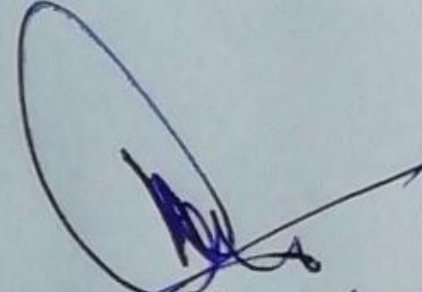
Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.

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CERTIFICATE

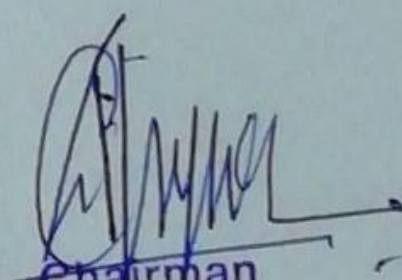


This is to certify that this work entitled **“A REVIEW AND SURVEY OF IMPORTANT FUNGAL DISEASES IN PADDY, ORYZA SATIVA .L”** submitted by **193072709** , in partial fulfillment for degree of Master of Science in Botany of Mangalore University, contains review articles and surveyed by her at Department of Applied Botany Mangalore University, under my supervision and guidance. No part of this has been submitted to any other university for awarding any other degree or diploma. All sources of help received by them during the course of this work have been duly acknowledged.


Signature of Supervisor

Dr. Annaiah Ramesh
Department of Applied Botany

Signature of
Examiners


Chairman
Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K

Place: Konaje

Date: 18-10-2021

CERTIFICATE



This is to certify that this work entitled "STUDY OF PHYTOCHEMICAL ANALYSIS ON *Melastoma malabathricum* L. AND ITS EFFECT ON SEED GERMINATION submitted by Reg no: 193072710, in partial fulfillment for degree of Master of Science in Botany of Mangalore University, Mangalagangothri, contains the result of bonafide research carried out by her at Department of Applied Botany, Mangalore University, Mangalagangothri, under my supervision and guidance.

Signature of Supervisor

Prof. Raju Krishna Chalannavar

Department of Applied Botany
Chairman
Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.



Signature of Examiners

Date: 29/10/21

CERTIFICATE



This is to certify that this work entitled "**PHYTOCHEMICAL SCREENING OF *Solanum melongena* L. Var. Mattu gulla**" submitted by Reg no:193072711, in partial fulfillment for degree of Master of Science in Botany of Mangalore University, contains the result of bonafide research carried out by her at Department of Applied Botany Mangalore University, under my supervision and guidance.

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Chairperson

Chairman

Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.

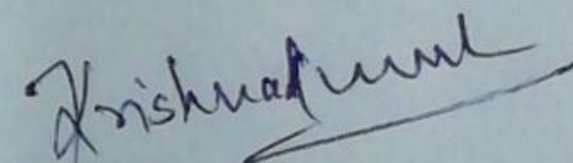
Konaje

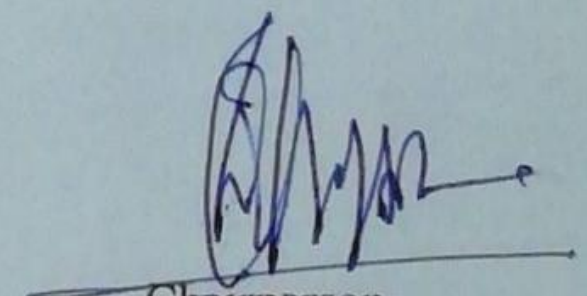
Date:

CERTIFICATE



This is to certify that this work entitled **"PHYTOCHEMICAL SCREENING OF *Batrachospermum* sp. AND *Nitella* sp."** submitted by Reg no:193072712, in partial fulfillment for degree of Master of Science in Botany of Mangalore University, contains the result of bonafide research carried out by her at Department of Applied Botany Mangalore University, under my supervision and guidance.


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Chairperson
Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.

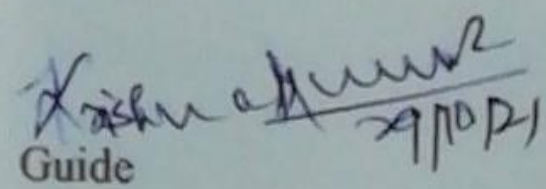
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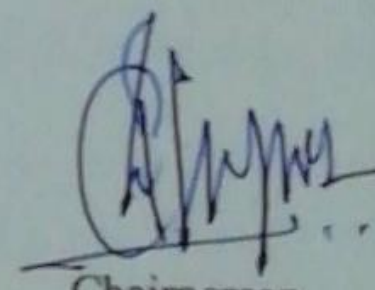


This is to certify that this work entitled "STUDY ON PHYTOCHEMICALS AND ANTIBACTERIAL ACTIVITY OF THE LEAF EXTRACTS OF *Calycopteris floribunda* Lam." submitted by Reg no: 193072713, in partial fulfillment for degree of Master of Science in Botany of Mangalore University, contains the result of bonafide research carried out by her at Department of Applied Botany Mangalore University, under my supervision and guidance.


Guide

Konaje

Date:


Chairperson

Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.



MANGALORE UNIVERSITY

DEPARTMENT OF BOTANY

CERTIFICATE

Certified that this is the record of project work titled "**STUDY ON PHYTOCHEMICALS AND ANTIMICROBIAL ACTIVITY OF THE LEAF EXTRACTS OF *Strychnos nux-vomica* Linn.**" carried out by Ms. Divyashree D Maroli (Reg.no 193072716) as a part of the M.Sc. IV semester course in Botany (CBSE - 2020 -21) and submitted to the Department of Botany , Mangalore University for evaluation.

Chairperson

Chairman

Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.

Guide

30/10/21

CERTIFICATE



This is to certify that this work entitled "**A REVIEW AND SURVEY ON MAJOR FUNGAL DISEASES IN BLACK PEPPER (*Piper nigrum* L.) IN COASTAL REGION OF KARNATAKA**" submitted by **193072715**, in partial fulfillment for degree of Master of Science in Botany of Mangalore University, contains the review of research findings collected and surveyed by her at Department of Applied Botany Mangalore University, under my supervision and guidance. No part of this has been submitted to any other university for awarding any other degree or diploma. All sources of help received by them during the course of this work have been duly acknowledged.

Signature of Supervisor

Dr. Annaiah Ramesh

Department of Applied Botany

Konaje

Date: 18-10-2021

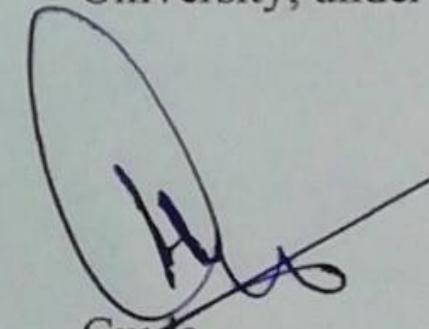
Signature of Examiners

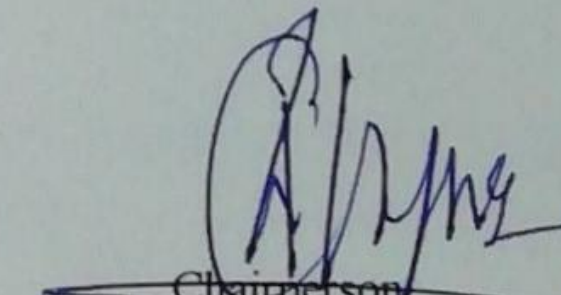
Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K

CERTIFICATE



This is to certify that this work entitled "**A Study on Seed Health Parameters in Different Varieties of Paddy**" submitted by **Reg no:193072716**, in partial fulfillment for degree of Master of Science in Botany of Mangalore University, contains the result of bonafide research carried out by her at Department of Applied Botany Mangalore University, under my supervision and guidance.


Guide


Chairman
Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.

Konaje

Date: 30/10/2021

CERTIFICATE



This is to certify that this work entitled "A SURVEY ON THE DISEASE MANAGEMENT OF FRUIT ROT OF *Areca catechu* L. IN KASARAGOD DISTRICT OF KERALA" submitted by 193072717, in partial fulfillment for degree of Master of Science in Botany of Mangalore University, contains the result of bonafide research carried out by her at Department of Applied Botany Mangalore University, under my supervision and guidance. No part of this has been submitted to any other university for awarding any other degree or diploma. All sources of help received by them during the course of this work have been duly acknowledged.

Signature of Supervisor

Dr. A Ramesh

Department of Applied Botany

Place: Konaje

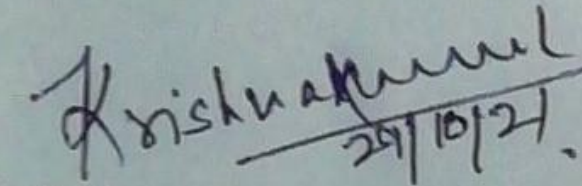
Date: 19-10-2021

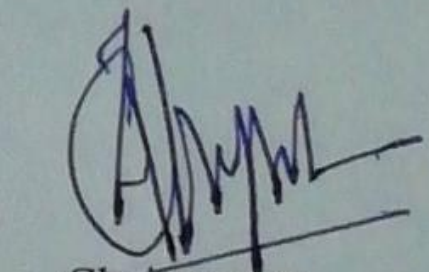
Signature of Examiner
Chairman
Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.

CERTIFICATE



This is to certify that this work entitled "**PHYTOCHEMICAL SCREENING OF *Batrachospermum* sp. AND *Nitella* sp.**" submitted by Reg no:193072718, in partial fulfillment for degree of Master of Science in Botany of Mangalore University, contains the result of bonafide research carried out by her at Department of Applied Botany Mangalore University, under my supervision and guidance.


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Chairperson
Chairman
Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.

Konaje

18-10-2021

CERTIFICATE



This is to certify that this work entitled "A REVIEW AND SURVEY OF IMPORTANT FUNGAL DISEASES IN PADDY, ORYZA SATIVA .L" submitted by 193072719, in partial fulfillment for degree of Master of Science in Botany of Mangalore University, contains the review articles and surveyed by her at Department of Applied Botany Mangalore University, under my supervision and guidance. No part of this has been submitted to any other university for awarding any other degree or diploma. All sources of help received by them during the course of this work have been duly acknowledged.

Signature of Supervisor

Dr. Annaiah Ramesh

Department of Applied Botany

Chairman
Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.

Place :Konaje

Date :18-10-2021

MANGALORE UNIVERSITY



DEPARTMENT OF APPLIED BOTANY

CERTIFICATE

This is to certify that reg.no 193072720 has satisfactorily completed project entitled "study of floral modification in relation to pollen morphology" during the year 2020- 2021, in partial fulfilment of the requirements for the M.Sc degree in botany of Mangalore university.



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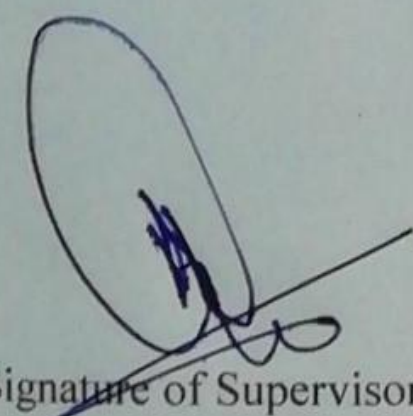
CHAIRMAN
Chairman

Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.

CERTIFICATE



This is to certify that this work entitled “A STUDY ON EFFECT OF SALINITY STRESS ON GERMINATION AND DIFFERENT GROWTH PARAMETERS IN SEEDS OF *Coriandrum sativum* L.” submitted by Reg. No.: 193072721, in partial fulfilment for degree of Master of Science in Botany of Mangalore University, contains the result of bonafide research carried out by him at Department of Applied Botany Mangalore University, under my supervision and guidance. No part of this has been submitted to any other university for awarding any other degree or diploma. All sources of help received by him during the course of this work have been duly acknowledged.



Signature of Supervisor

Dr. A. Ramesh

Department of Applied Botany

Place: Konaje

Date: 18- 10- 2021



Signature of Examiner
Chairman
Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K

CERTIFICATE



This is to certify that this work entitled "STUDY ON ANTHRACNOSE DISEASE OF COW PEA (*VIGNA UNGUICULATA*) AND ITS MANAGEMENT" submitted by 193072722 in partial fulfillment for degree of Master of Science in Botany of Mangalore University, contains the result of bona fide research carried out by her at Department of Applied Botany Mangalore University, under my supervision and guidance. No part of this has been submitted to any other university for awarding any other degree or diploma. All sources of help received by them during the course of this work have been duly acknowledged.

Signature of Supervisor

Dr. Raju Krishna Challanavar

Department of Applied Botany

Chairman
Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.

Place: Konaje

Date: 19-10-2021

MANGALORE



UNIVERSITY

(Accredited by NAAC)
M.Sc. Botany Course, Mangalagangothri 574 199

CERTIFICATE

This is to certify that the dissertation entitled "EVALUATION OF ACUTE ORAL TOXICITY IN METHANOLIC EXTRACT OF *LOBELIA NICOTIANIFOLIA* ROTH EX SCHULT. LEAF IN WISTAR RATS" submitted to Mangalore University, Mangalagangothri, Mangalore by Reg. No. 193072723, towards partial fulfillment of the Master of Science degree in Botany, is a faithful record of bonafide and original research work carried by her in the academic year 2020-2021.

Place: Mangalagangothri, Konaje

Date: 30-10-2021

Signature of Examiners

Signature of Chairman
Chairman

Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.

CERTIFICATE



This is to certify that this work entitled "**PHYTOCHEMICAL SCREENING OF *Solanum melongena* L. Var. Mattu gulla**" submitted by Reg no:193072724, in partial fulfillment for degree of Master of Science in Botany of Mangalore University, contains the result of bonafide research carried out by her at Department of Applied Botany Mangalore University, under my supervision and guidance.

Guide

Chairperson

Chairman

Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.

Konaje

Date: 29/10/21

CERTIFICATE



This is to certify that this work entitled **"PHYTOCHEMICAL ANALYSIS ON SELECTED ALGAE *Pithophora* sp."** submitted by Reg.NO: 193072725 in partial fulfillment for degree of Master of Science in Botany of Mangalore University, contains the result of bonafide research carried out by her at Department of Applied Botany Mangalore University, under my supervision and guidance.

Krishnakumar
Guide 30/11/21

[Signature]
Chairperson
Chairman
Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.

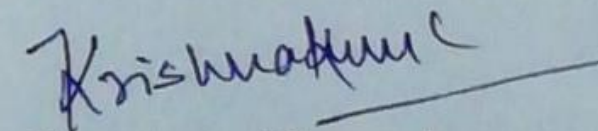
Konaje

Date:

CERTIFICATE



This is to certify that this work entitled **"ETHNOBOTANICAL PLANTS FOR TREATMENT OF CANCER AND PARALYSIS"** submitted by **REG NO: 193072726**, in partial fulfilment for degree of Master of Science in Botany of Mangalore University, contains the result of bona fide research carried out by her at Department of Applied Botany Mangalore University, under my supervision and guidance. No part of this has been submitted to any other university for awarding any other degree or diploma. All sources of help received by them during the course of this work have been duly acknowledged.


Signature of Supervisor

Prof. Krishna Kumar G

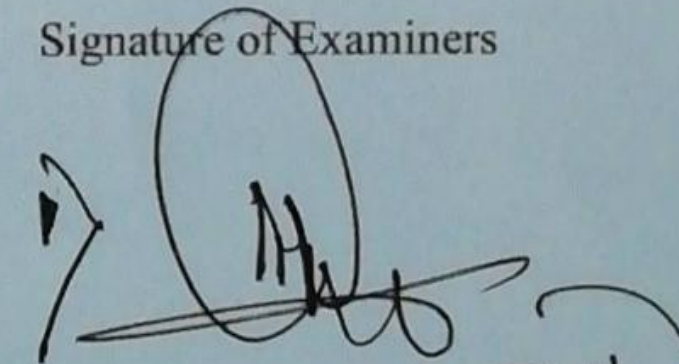
Department of Applied Botany

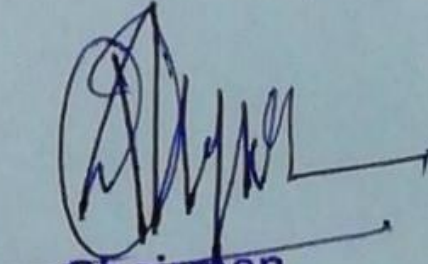
Konaje

Date:



Signature of Examiners


A. RAMESH


Chairman
Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.

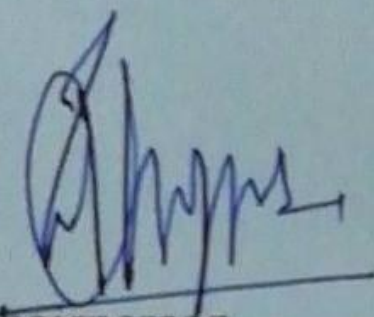
CERTIFICATE



This is to certify that this work entitled "PHYTOCHEMICAL ANALYSIS OF A FRESHWATER ALGAE - *Pithophora* sp." submitted by RICHA RAMAKANT NAIK (REG. NO:193072727), in partial fulfilment for degree of Master of Science in Botany of Mangalore University, contains the result of bona fide research carried out by her at Department of Applied Botany Mangalore University under my supervision and guidance.



Krishnakumar
Guide 30/11/21


Chairperson
Chairman
Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.

CERTIFICATE



This is to certify that this work entitled **"PHYTOCHEMICAL ANALYSIS OF LEAF EXTRACT OF *Macaranga peltata* (Roxb.) Mull. Arg"** submitted by 193072728, in partial fulfillment for degree of Master of Science in Botany of Mangalore University, contains the result of bonafide research carried out by her at Department of Applied Botany, Mangalore University, under my supervision and guidance. No part of this work has been submitted to any other university for awarding any other degree or diploma. All sources of help received by them during the course of this work have been duly acknowledged.

Signature of Supervisor

Dr. Raju Krishna Challanavar
Department of Applied Botany

Signature of Examiners

CA. RAMESH

Place: Konaje

Date: 18-10-2021

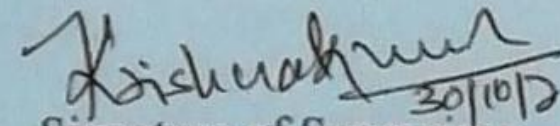
Signature of Chairman
Chairman

Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K

CERTIFICATE



This is to certify that this work entitled "STUDY ON PHYTOCHEMICALS AND ANTIBACTERIAL ACTIVITY OF THE LEAF EXTRACTS OF *Alstonia scholaris* submitted by 193072729 in partial fulfillment for degree of Master of Science in Botany of Mangalore University, contains the result of bonafide research carried out by her at Department of Applied Botany Mangalore University, under my supervision and guidance. No part of this has been submitted to any other university for awarding any other degree or diploma. All sources of help received by them during the course of this work have been duly acknowledged.

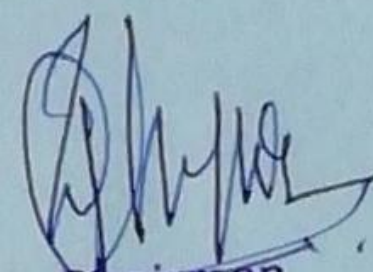

Signature of Supervisor

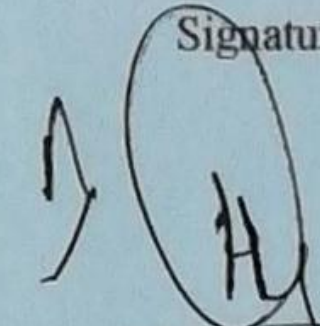
Prof. Krishna Kumar G
Department of Applied Botany

Konaje

Date: 19-10-2021

Signature of Examiners


Chairman
Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.


CA. RAMESH

CERTIFICATE



This is to certify that this work entitled "PHYTOCHEMICAL ANALYSIS OF LEAF EXTRACT OF *Macaranga peltata* (Roxb.) Mull. Arg" submitted by 193072731, in partial fulfillment for degree of Master of Science in Botany of Mangalore University, contains the result of bonafide research carried out by her at Department of Applied Botany, Mangalore University, under my supervision and guidance. No part of this work has been submitted to any other university for awarding any other degree or diploma. All sources of help received by them during the course of this work have been duly acknowledged.

Signature of Supervisor

Dr. Raju Krishna Challanavar
Department of Applied Botany

Signature of Examiners

1)
2)

Place; Konaje

Date: 18-10-2021

Chairman
Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.

CERTIFICATE



This is to certify that this work entitled “A STUDY ON EFFECT OF SALINITY STRESS ON GERMINATION AND DIFFERENT GROWTH PARAMETERS IN SEEDS OF *Coriandrum sativum* L.” submitted by SHRUTHY SADASIVAN, in partial fulfilment for degree of Master of Science in Botany of Mangalore University, contains the result of bonafide research carried out by her at Department of Applied Botany Mangalore University, under my supervision and guidance. No part of this has been submitted to any other university for awarding any other degree or diploma. All sources of help received by her during the course of this work have been duly acknowledged.

A handwritten signature in blue ink, appearing to be 'A. Ramesh'.

Signature of Supervisor

Dr. A. Ramesh

Department of Applied Botany

Place: Konaje

Date: 18- 10- 2021

A handwritten signature in blue ink, appearing to be 'Chairman'.

Signature of Examiners
Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K

A handwritten signature in blue ink, appearing to be 'C.A. Ramesh'.

CERTIFICATE



This is to certify that this work entitled **"A REVIEW AND SURVEY ON MAJOR FUNGAL DISEASES IN BLACK PEPPER (*Piper nigrum* L.) IN COASTAL REGION OF KARNATAKA"** submitted by **193072733**, in partial fulfillment for degree of Master of Science in Botany of Mangalore University, contains the review of research findings collected and surveyed by her at Department of Applied Botany Mangalore University, under my supervision and guidance. No part of this has been submitted to any other university for awarding any other degree or diploma. All sources of help received by them during the course of this work have been duly acknowledged.

Signature of Supervisor

Dr. Annaiah Ramesh

Department of Applied Botany

Konaje

Date: 18-10-2021

Signature of Examiners

Signature of Examiner
C.A. RAMESH

Chairman
Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199. D.K

CERTIFICATE



This is to certify that this work entitled "STUDY ON PHYTOCHEMICALS AND ANTIBACTERIAL ACTIVITY OF THE LEAF EXTRACTS OF *Alstonia scholaris* submitted by 193072734 in partial fulfillment for degree of Master of Science in Botany of Mangalore University, contains the result of bonafide research carried out by her at Department of Applied Botany Mangalore University, under my supervision and guidance. No part of this has been submitted to any other university for awarding any other degree or diploma. All sources of help received by them during the course of this work have been duly acknowledged.


Signature of Supervisor

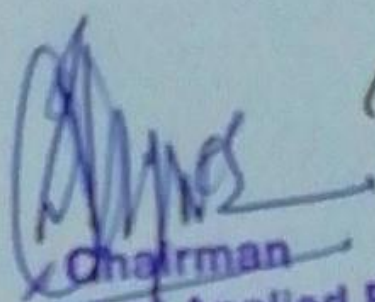
Prof. Krishna Kumar G

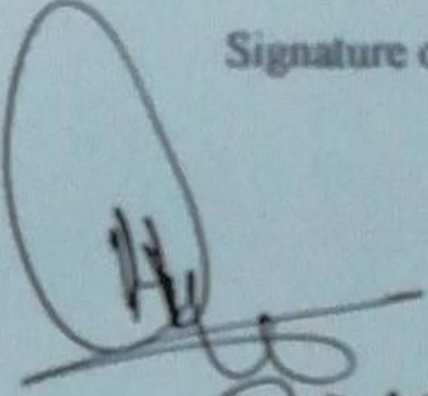
Department of Applied Botany

Konaje

Date: 19-10-2021

Signature of Examiners


Chairman
Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.


CA. RAMESH

MANGALORE UNIVERSITY



DEPARTMENT OF APPLIED BOTANY

CERTIFICATE

This is to certify that reg.no 193072735 has satisfactorily completed project entitled "study of floral modification in relation to pollen morphology" during the year 2020- 2021, in partial fulfilment of the requirements for the M.Sc degree in botany of Mangalore university.



GUIDE

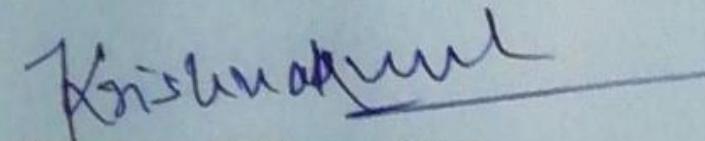
CHAIRMAN
Chairman

Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.

CERTIFICATE



This is to certify that this work entitled **"ETHNOBOTANICAL PLANTS FOR TREATMENT OF CANCER AND PARALYSIS"** submitted by **REG NO: 193072736**, in partial fulfilment for degree of Master of Science in Botany of Mangalore University, contains the result of bona fide research carried out by her at Department of Applied Botany Mangalore University, under my supervision and guidance. No part of this has been submitted to any other university for awarding any other degree or diploma. All sources of help received by them during the course of this work have been duly acknowledged.



Signature of Supervisor

Prof. Krishna Kumar G

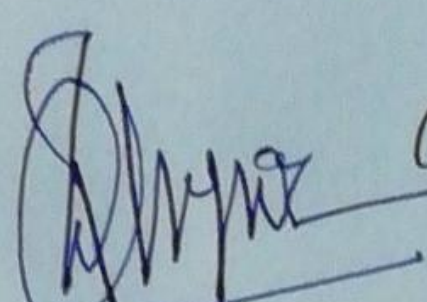
Department of Applied Botany

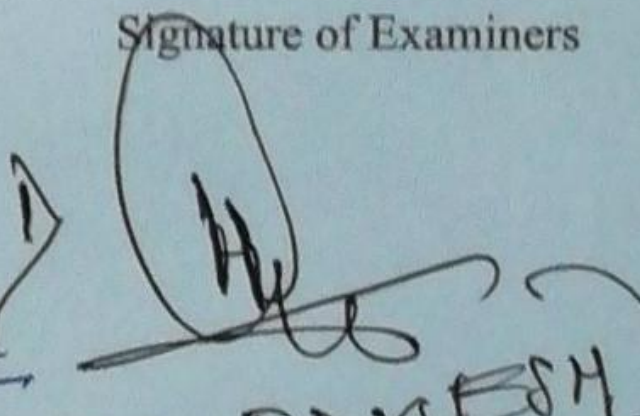
Konaje

Date:



Signature of Examiners


Chairman
Department of Applied Botany
Mangalore University
Mangalagangothri - 574 199, D.K.


CA. RAMESH

CERTIFICATE



This is to certify that this work entitled “STUDY OF PHYTOCHEMICAL ANALYSIS ON *Melastoma malabathricum* L. AND ITS EFFECT ON SEED GERMINATION submitted by Reg no: 193072737, in partial fulfillment for degree of Master of Science in Botany of Mangalore University, Mangalagangotri, contains the result of bonafide research carried out by her at Department of Applied Botany Mangalore University, Mangalagangotri, under my supervision and guidance.

Signature of Supervisor

Prof. Raju Krishna Chalannavar

Department of Applied Botany
Chairman

Department of Applied Botany
Mangalore University
Mangalagangotri - 574 199, D.K.
Mangalagangotri

Date: 24/10/2021



Signature of Examiners

C. RAMESH