



MANGALORE UNIVERSITY

Department of Biosciences
Mangalore University
Mangalagangothri-574199
Karnataka, India

Certificate

This is certify that the project work entitled **“Phytochemical characterization, antibacterial activity green synthesis of silver nanoparticles from selected seaweed species”** is a bonafide work of **Ms Ashvitha T.S. (175113901)** towards the partial fulfilment of M.Sc. Degree in Biosciences, Mangalore University, carried out during the academic year 2018-2019, under the guidance of **Mr S Ravitheja**, Guest Faculty, department of Biosciences, Mangalore University.

This work is original and has not been submitted in part or full to any other University for any degree/diploma.

Place: Mangalagangothri

Date: 29/05/19

Chairman

CHAIRMAN

Department of Biosciences
Mangalore University
Mangalagangothri - 574 199
Karnataka State (India)

MANGALORE UNIVERSITY

Accredited by NAAC with 'A' Grade

Department of Biosciences

Mangalagangothri-574199.



CERTIFICATE

This is to certify that the project entitled "**PHYTOCHEMICAL ANALYSIS AND EVALUATION OF ANTIMICROBIAL ACTIVITY OF *Pterocarpus marsupium* Roxb. AND *Calophyllum inophyllum* L.**" Submitted by **Ms. ASHWITHA** under the guidance of **DR. CHANDRA M**, towards the partial fulfilment of M.Sc., degree in Biosciences (Forth Semester) contains the result of the genuine project work carried out by her during the academic year 2018-2019.

Date: 30/05/2019

Place: Mangalagangothri

Guide: 
Dr. Chandra M 30/05/19
Professor
Department of Biosciences
Mangalore University


Chairman
Dept. of Biosciences
CHAIRMAN
Department of Bio-Sciences
Mangalore University
Mangalagangothri-574199
Karnataka State (India)



MANGALORE UNIVERSITY

Department of Biosciences

Mangalagangothri-574199

CERTIFICATE

This is to certify that the project entitled **“EVALUATION OF NUTRACEUTICAL PROPERTIES OF SELECTED MEDICINAL PLANT FROM THUMINADU, MANJESHWAR”** submitted by **Ms. BHAGYALAXMI** under the guidance of **Ms. LAVEENA. K.B.**, towards the partial fulfilment of M.Sc. degree in Biosciences (IV semester) contains the result of the genuine project work carried out by her during the academic year 2018-2019.

Place: Mangalagangothri

Date: 28.05.2019

Laveena

Ms. Laveena K B,

Lecturer &

Project Guide

Department of Biosciences.

[Signature]
28.05.19

Prof. Prashantha Naik

Chairman,

Department of Biosciences.

CHAIRMAN
Department of Bio-Sciences
Mangalore University
Mangalagangothri-574199
Karnataka State (India)

MANGALORE UNIVERSITY

Department of Biosciences
Mangalagangothri – 574 199
Karnataka, India

Certificate

This is to certify that the project work entitled “Hydroponics Of Tomato (*Solanum lycopersicum*) - Possible Role of Vermiwash as a Nutrient Solution” is a bonafide work of Ms. DISHA G (Reg. No. 175113904) towards the partial fulfilment of M.Sc. Degree in Biosciences, Mangalore University, carried out during the academic year 2018-2019, under the guidance of Dr. Prashantha Naik, Professor Department Of Biosciences Manglore University.

This work is original and has not been submitted in part or full to any other University for any degree or diploma.

Place: Mangalagangothri

Date: 28-05-2019



Chairperson

Department of Biosciences
Mangalore University
Mangalagangothri-574199
Karnataka State (India)



Mangalore University

Department of Biosciences
Mangalore University
Mangalagangothri - 574 199
Karnataka, India

Phone: +91 824 2287261 (O)

E-mail: biosciences@mangaloreuniversity.ac.in

Certificate

This is to certify that the project work entitled "**Vision at the level of the avian brain: A volumetric study of the tectofugal pathway in *Taeniopygia guttata*, *Emberiza bruniceps* and *Gallus gallus domesticus***" is a bonafide work of Mr. G. S. Girish Kumar (Reg. no. 175113905) towards the partial fulfilment of the Master's Degree in Biosciences, Mangalore University carried out under the guidance of Dr. Monika Sadananda, Professor, Department of Biosciences, Mangalore University, Mangalagangothri during the academic year 2018-2019. This work is original and has not been submitted in part or full to any other University for any other degree or diploma.

Dr. Monika Sadananda

Professor and Guide
Department of Biosciences
Mangalore University

Examiners

1.

2.

Dr. Prashantha Naik

Chairperson
Department of Biosciences
Mangalore University

CHAIRMAN
Department of Bio-Sciences
Mangalore University
Mangalagangothri-574199
Karnataka, India



MANGALORE UNIVERSITY

Department of Biosciences

Mangalagangothri-574199

CERTIFICATE

This is to certify that the project entitled **"PHARMACOGNOSTIC AND PHARMACOLOGICAL EVALUATION OF SELECTED MEDICINAL PLANTS"** submitted by **Ms. LIEKITHA** under the guidance of **Ms. LAVEENA K. B.** towards the partial fulfilment of M.Sc. degree in Biosciences (IV semester) contains the result of the genuine project work carried out by her during the academic year 2018-2019.

Place: Mangalagangothri

Date: 28.05.2019

Laveena

Ms. Laveena K B,

Lecturer &

Project Guide

Department of Biosciences

Prof. Prashantha Naik

Chairperson,

Department of Biosciences

CHAIRMAN

Department of Bio-Sciences

Mangalore University

Mangalagangothri-574199

Karnataka State (India)

MANGALORE



UNIVERSITY

**Department of Biosciences
Mangalagangothri-574199
Karnataka, India.**

CERTIFICATE

This is to certify that the project work entitled "**ASSESSMENT OF PHYSICOCHEMICAL FACTORS AFFECTING THE HYDROPONICS OF SOME VEGETABLE CROPS**" is a bonafide work of **Ms. POOJA K (Reg. No. 175113907)** towards the partial fulfilment of M.Sc. Degree in Microbiology, Mangalore University, carried out during the academic year 2018-2019, under the guidance of **Dr. Prashantha Naik**, Professor Department of Biosciences, Mangalore University.

This work is original and has not been submitted in part or full to any other University for any degree or diploma.

Place: Mangalagangothri

Date: 29-5-2019

Examiners:

1.

2.


Chairperson

*CHAIRMAN
Department of Bio-Sciences
Mangalore University
Mangalagangothri-574199
Karnataka State (India)*



May 2019

Department of Biosciences,
Mangalore University

Mangalagangothri 574 199
Karnataka, India

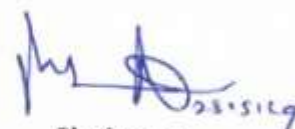
Certificate

This is to certify that the project work entitled "**Volumetric Analysis of Song-Control Nuclei in Zebra finch (*Taeniopygia guttata*) and Red-headed bunting (*Emberiza bruniceps*)**" is a bonafide work of **Mr. Rohith Singh B** (Reg.no.175113908) towards the partial fulfilment of the Master's Degree in Biosciences, Mangalore University carried out under the guidance of **Dr. Monika Sadananda**, Professor & Coordinator, MSc Biotechnology, Department of Biosciences, Mangalore University, Mangalagangothri. This work is original and has not been submitted in part or full to any other University for any other degree or diploma.


Dr. Monika Sadananda

Guide

Dr. Monika Sadananda
Professor -
Department of Biosciences
MANGALORE UNIVERSITY


Chairman

CHAIRMAN
Department of Bio-Sciences
Mangalore University
Mangalagangothri-574199
Karnataka State (India)



MANGALORE UNIVERSITY

Department of Biosciences

Mangalagangothri-574199

CERTIFICATE

This is to certify that the project entitled "*Phytochemical Analysis and In-vitro Antimicrobial activity of Sida alnifolia L. and Naravelia zeylanica DC.*" submitted by **Ms. SALMA ALNAHAZ** under the guidance of **Mrs. LAVEENA. K.B.** towards the partial fulfilment of M.Sc. degree in Biosciences (IV semester) containing the result of the genuine project work carried out by her during the academic year 2018-2019.

Place: Mangalagangothri

Date: 28-05-2019

Laveena

Mrs. Laveena K B,

Lecturer &

Project Guide

Department of Biosciences

Dr. Prashantha Naik

Dr. Prashantha Naik

Professor &

Chairperson,

Department of Biosciences

CHAIRMAN

Department of Bio-Sciences

Mangalore University

Mangalagangothri-574199

Karnataka State (India)



MANGALORE UNIVERSITY

Department of Biosciences

Mangalagangothri-574199

Certificate

This is certify that the project entitled **"INHIBITORY INFLUENCE OF BIO-TEA ON SEED GERMINATION AND GROWTH OF SEEDLINGS"** submitted by **Ms. Sharanya** under the guidance of **Prof. Chandrakala Shenoy K**, towards the partial fulfilment of M.Sc. degree in Biosciences (IV semester) contains the result of the genuine project work carried out by her during the academic year 2018-2019

Place: Mangalagangothri

Date: 30.05.2019


Prof. Prashanth Naik

Chairperson

Department of Biosciences
CHAIRMAN
Department of Bio-Sciences
Mangalore University
Mangalagangothri-574199
Karnataka State (India)


Dr. Chandrakala Shenoy

Project Supervisor

Department of Biosciences

Dr. CHANDRAKALA SHENOY K
M.Sc., Ph.D.

Professor
Dept. of Biosciences
Mangalore University
MANGALAGANGOTTHRI - 574 199 Karnataka, India
Mobile: 9902336628
E-mail: drchandrakala@yahoo.co.uk

Examiners: 1.

2.



MANGALORE UNIVERSITY

Department of Biosciences
Mangalagangothri-574199
Karnataka, India.

Certificate

This is to certify that the project work entitled "**Analysis of Physicochemical Parameters and Isolation, Identification of Microbes from selected Stream Water of Places**" is a bonafide work of **Ms SHUBHALAKSHMI (175113911)** towards the partial fulfilment of M.Sc. Degree in Biosciences, Mangalore University, carried out during the academic year 2018-2019, under the guidance of **Mr S. Ravitheja**, Guest Faculty, department of Biosciences, Mangalore University.

This work is original and has not been submitted in part or full to any other University for any degree/diploma.

Place: Mangalagangothri

Date: 30/5/19

Chairman
CHAIRMAN

Department of Biosciences
Mangalore University
Mangalagangothri - 574 199
Karnataka State (India)



MANGALORE UNIVERSITY

Accredited by NAAC with 'A' Grade

Department of Biosciences

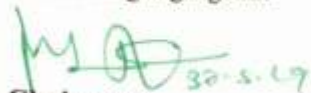
Mangalagangothri -574 119

CERTIFICATE

This is to certify that the project entitled "PHYTOCHEMICAL ANALYSIS AND COMPREHENSIVE EVALUATION OF ANTIMICROBIAL AND ANTIOXIDANT PROPERTIES OF SOME MEDICINAL PLANTS" submitted by Ms.SUKANYA under the guidance of MR.S.RAVITHEJA towards the partial fulfillment of M.Sc., degree in Biosciences (Fourth Semester) contains the result of the genuine project work carried out by her during the academic year 2018-2019.

Date: 30/5/2019

Place: Mangalagangothri



Chairman

CHAIRMAN

Department of Biosciences
Mangalore University
Mangalagangothri - 574 199
Karnataka State (India)



MANGALORE UNIVERSITY
Mangalagangothri- 574 199

CERTIFICATE

This is to certify that the project entitled **CHANGES IN PHYSIOLOGICAL ACTIVITIES OF *Azolla filiculoides* WITH RESPONSE TO CADMIUM STRESS** submitted by Ms. **VIDYASHREE** under the guidance of **Dr. CHANDRA M.** towards the partial fulfilment of M.Sc. degree in Biosciences (Fourth Semester) contains the result of the genuine project work carried out by her during the academic year 2018-2019.

Date: 29/05/2019

Place: Mangalagangothri

Guide: 
Dr. Chandra M 29/05/19
Professor
Department of Biosciences
Mangalore University


Chairperson *
CHAIRMAN
Department of Bio-Sciences
Mangalore University
Mangalagangothri-574199
Karnataka State (India)

Examiners:

1.

2.



MANGALORE UNIVERSITY

Department of Biosciences

Mangalagangothri-5 74199

Certificate

This is certify that the project entitled "**BIOLOGY OF CATFISH (*Arius maculatus*)**" submitted by **Ms. Vidyashree** under the guidance of **Prof. Chandrakala Shenoy K**, towards the partial fulfilment of M.Sc. degree in Biosciences (IV semester) contains the result of the genuine project work carried out by her during the academic year 2018-2019

Place: Mangalagangothri

Date: 28/05/19.

Prof. Prashanth Naik

Chairperson

Department of Biosciences

CHAIRMAN

Department of Bio-Sciences

Mangalore University

Mangalagangothri-574199

Karnataka State (India)

Prof. Chandrakala Shenoy K

Project Supervisor

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MANGALAGANGOTTHRI - 574 199 Karnataka, India

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Examinars: 1.

2.