

INTERNSHIP REPORT ON INSTITUTIONAL STRUCTURE AND
PROJECT HANDLED BY

AGRICULTURE & RURAL DEVELOPMENT SOCIETY

BACHELOR OF VOCATIONAL DEGREE IN AGRICULTURE

BY

SREELAKSHMI SAJEEVAN C

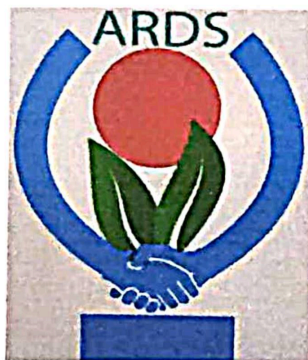
(REG NO: CRAUBVU031)

UNDER THE SUPERVISION OF

P K PRIYA

PROJECT ASSISTANT

AGRICULTURE & RURAL DEVELOPMENT SOCIETY



AGRICULTURE & RURAL DEVELOPMENT SOCIETY

RAGAMALIKAPURAM, POOTHOLE, THRISSUR



ARDS

AGRICULTURAL AND RURAL DEVELOPMENT SOCIETY
IMPERIAL APARTMENT, RAGAMALIKAPURAM, THRISSUR-4
PHONE: 9544638426

Ref

Date 02-05-2023

Internship certificate

This is to certify that Miss Sreelakshmi Sajeevan C., a student of Bvoc Agriculture, Calicut University, Kerala has successfully completed 03 (Three) months (from 21st December 2022 to 18th March 2023) long internship programme with us she was found punctual, hard-working, and inquisitive.

We wish her every success in life.

For ARDS

Madhu
Project Director

Madhu Chemberi



INTERNSHIP REPORT

Submitted to the
Carmel College, Mala

In partial fulfilment of the award of
B.Voc Degree in Agriculture

Submitted by

ASHNA P R
(Reg No. CRAUBVU013)
SIXTH SEMESTER



VANAMOOLIKA
Hardy People. Wealthy Nature.

Vanamoolika Samrakshana Sangham



CARMEL COLLEGE, MALA (AUTONOMOUS)

NAAC RE-ACCREDITED WITH 'A' GRADE

AFFILIATED TO CALICUT UNIVERSITY

MALA , THRISSUR , KERALA 680732



VANAMOOOLIKA

WAYANAD VANAMOOOLIKA SAMRAKSHANA SANGAM

Regd. Off.: Room No. XV/27, Mullankolly Post,
Pulpally - 673579, Kerala, India

Certificate

*This is to certify that Ms. Ashna P R (ERAUBVU013)
Carmel college, Mala, Thrissur has been successfully completed the
Training Programme on Organic Production, Processing
and Export of Coffee, Spices and Medicinal plants and the Academic Project on post
harvesting technology of Tea from 19/01/2023 to 30/03/2023 at Vanamoolika
Samrakshana Sangam, Mullenkolly, Pulpally, Wayanad.*


President




Training Coordinator

INTERNSHIP REPORT

Submitted to the
Carmel College, Mala

In partial fulfilment of the award of
B.voc Degree in Agriculture

Submitted by
ANJALIKRISHNA A.S
(Reg.No. CRAUBVU006)



M S Swaminathan Research Foundation (MSSRF)



CARMEL COLLEGE, MALA
(NAAC RE-ACCREDITED WITH 'A' GRADE)
AFFILIATED TO CALICUT UNIVERSITY, MALAPPURAM
MALA P.O, MALA, THRISSUR, KERALA 680732



M S SWAMINATHAN RESEARCH FOUNDATION

Community Agrobiodiversity Centre
Puthoorvayal PO., Kalpetta, Wayanad, Kerala 673 577
Tel. +91 4936 20 4477, 20 7019
Fax +91 4936 20 7019
E-mail: office@mssrfcabrc.res.in
www.mssrfcabrc.res.in

TO WHOM IT MAY CONCERN

This is to certify that **MS. ANJALI KRISHNA A S** student of B.Voc Agriculture, Carmel College, Mala has successfully completed an internship in the field of Agriculture and allied subject from 15/11/2022 to 28/02/2023 under the guidance of Mr. Pradeep K D.

During the period of her internship program with us, she had been exposed to different agriculture related topics like agriculture extension, data entry and interpretation, attended two national seminars and was found diligent, hardworking and inquisitive.

We wish her every success in her life and career.

Dr. Shakeela V.

Director (CABC, MSSRF)

31/03/2023

Community Agrobiodiversity Centre

OUR VISION: An eco-sensitive self-reliant society empowered in conservation and sustainable & equitable utilization of biodiversity. **OUR MISSION:** Achieve social prosperity through conservation, enhancement and sustainable & equitable use of biological diversity by adopting and disseminating economically viable, ecologically sensitive and socially inclusive approaches & processes.

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Tel: 91 44 2254 1630, 2254 2059
Fax: 91 44 2254 1319
www.mssrf.org

INTERNSHIP REPORT



**RAIDCO Kerala Ltd
(RAIDCO Curry Powder Factory)**

**UNDER THE GUIDANCE
OF MRS MANJULA UM
(QUALITY
CONTROLLER)**

**SUBMITTED BY:
SRUTHI M
REG: CRAUBVU033**

DEPARTMENT OF AGRICULTURE

DATE OF INTERNSHIP: 17/01/2023 TO 26/04/2023

**CARMEL COLLEGE
MALA**





CARMEL COLLEGE, MALA

(Nationally Accredited with A Grade)

INTERNSHIP REPORT

**SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILMENT OF THE
REQUIREMENT FOR THE AWARD OF
BACHELOR OF VOCATIONAL STUDIES
B.VOC AGRICULTURE
SIXTH SEMESTER
2022-2023**

SUBMITTED BY

SRUTHI M

(REG NO: CRAUBVU033)

UNDER THE SUPER VISION OF

MRS MANJULA UM

(QUALITY CONTROLLER)

RAIDCO

CURRY POWDER FACTORY

MAVILAYI, KANNUR

Manjusha
Dr. MANJUSHA RANI
HEAD OF THE DEPARTMENT

Manjusha
Dr. MANJUSHA RANI
SUPERVISOR

INTERNSHIP REPORT

Submitted to the
Carmel College, Mala

In partial fulfilment of the award of
B.voc Degree in Agriculture

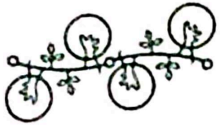
Submitted by
GANGA K S
(Reg.No. CRAUBVU016)



M S Swaminathan Research Foundation (MSSRF)



CARMEL COLLEGE, MALA
(NAAC RE-ACCREDITED WITH 'A' GRADE)
AFFILIATED TO CALICUT UNIVERSITY, MALAPPURAM
MALA P.O, MALA, THRISSUR, KERALA 680732



M S SWAMINATHAN
RESEARCH FOUNDATION

Community Agrobiodiversity Centre
Puthooruvil PO, Kalpetta, Wayanad, Kerala 673 577
Tel: +91 4936 20 4477, 20 7019
Fax: +91 4936 20 7019
E-mail: office@mssrfcabrc.res.in
www.mssrfcabrc.res.in

TO WHOM IT MAY CONCERN

This is to certify that **MS. GANGA K S** student of B.voc Agriculture, Carmel College, Mala has successfully completed an internship in the field of Agriculture and allied subject from 15/11/2022 to 28/02/2023 under the guidance of Mr. Pradeep K D.

During the period of her internship program with us, she had been exposed to different agriculture- related topics like agriculture extension, familiarize with cultivation practice and processing of coffee, data entry and interpretation, attended two national seminars and was found diligent, hardworking and inquisitive.

We wish her every success in her life and career.

Shakeela V.

Dr. Shakeela V.

Director (CAbC, MSSRF)

31/03/2023

Community Agrobiodiversity Centre

OUR VISION: An eco-sensitive self-reliant society empowered in conservation and sustainable & equitable utilization of biodiversity. OUR MISSION: Achieve social prosperity through conservation, enhancement and sustainable & equitable use of biological diversity by adopting and disseminating economically viable, ecologically sensitive and socially inclusive approaches & processes.

Registered Office
3rd Cross Road
Taramani Institutional Area
Chennai, India - 600 113
Tel: 91 44 2254 1698, 2254 2698
Fax: 91 44 2254 1319
www.mssrf.org

INTERNSHIP REPORT



**RAIDCO Kerala Ltd
(RAIDCO Curry Powder Factory)**

**UNDER THE GUIDANCE
OF MRS MANJULA UM
(QUALITY
CONTROLLER)**

**SUBMITTED BY:
SUDHINA K M
REG: CRAUBVU034**

DEPARTMENT OF AGRICULTURE

DATE OF INTERNSHIP: 17/01/2023 TO 26/04/2023

**CARMEL COLLEGE
MALA**





CARMEL COLLEGE, MALA

(Nationally Accredited with A Grade)

INTERNSHIP REPORT

**SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILMENT OF THE
REQUIREMENT FOR THE AWARD OF
BACHELOR OF VOCATIONAL STUDIES**

B.VOC AGRICULTURE

SIXTH SEMESTER

2022-2023

SUBMITTED BY

SUDHINA K M

(REG NO: CRAUBVU034)

UNDER THE SUPER VISION OF

MRS MANJULA UM

(QUALITY CONTROLLER)

RAIDCO

CURRY POWDER FACTORY

MAVILAYI, KANNUR

Manjusha R

**Dr. MANJUSHA RANI
HEAD OF THE DEPARTMENT**

Manjusha R

**Dr. MANJUSHA RANI
SUPERVISOR**

INTERNSHIP REPORT

Submitted to the
Carmel College, Mala

In partial fulfilment of the award of
B.Voc Degree in Agriculture

Submitted by
JISNA JOSE
(Reg No: CRAUBVU019)



M S Swaminathan Research Foundation (MSSRF)



CARMEL COLLEGE, MALA
(NAAC RE-ACCREDITED WITH 'A' GRADE)
AFFILIATED TO CALICUT UNIVERSITY, MALAPPURAM
MALA P.O, MALA, THRISSUR, KERALA 680732
NOVEMBER 2022



M S SWAMINATHAN
RESEARCH FOUNDATION

Community Agrobiodiversity Centre
Puthooruvayal PO., Kalpetta, Wayanad, Kerala 673 677
Tel : +91 44 96 20 4427, 20 2614
Fax : +91 44 96 20 7019
E-mail : office@mssrfcabrc.res.in
www.mssrfcabrc.res.in

TO WHOM IT MAY CONCERN

This is to certify that **MS. JISNA JOSE** student of B.Voc Agriculture, Carmel College, Mala has successfully completed an internship in the field of Agriculture and allied subject from 15/11/2022 to 28/02/2023 under the guidance of Mr. Pradeep K D.

During the period of her internship program with us, she had been exposed to different agriculture- related topics like agriculture extension, data entry and interpretation, attended two national seminars and was found diligent, hardworking and inquisitive.

We wish her every success in her life and career.

Dr. Shakeela V.

Director (CAbC, MSSRF)

31/03/2023

Community Agrobiodiversity Centre

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Chennai, India - 600 113
Tel: 91 44 2254 1698, 2254 2698
Fax: 91 44 2254 1319
www.mssrf.org

INTERNSHIP REPORT

Submitted to the
Carmel College, Mala

In partial fulfilment of the award of
B.voc Degree in Agriculture

Submitted by
ARADHANA PRAKASAN
(Reg.No. CRAUBVU009)



M S Swaminathan Research Foundation (MSSRF)



CARMEL COLLEGE, MALA
(NAAC RE-ACCREDITED WITH 'A' GRADE)
AFFILIATED TO CALICUT UNIVERSITY, MALAPPURAM
MALA P.O, MALA, THRISSUR, KERALA 680732



M S SWAMINATHAN
RESEARCH FOUNDATION

Community Agrobiodiversity Centre

Puthoorvayal PO, Kalpetta, Wayanad, Kerala 673 577

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Fax: +91 4936 20 7019

E-mail: office@mssrfcabrc.res.in

www.mssrfcabrc.res.in

TO WHOM IT MAY CONCERN

This is to certify that **MS. ARADHANA PRAKASHAN** student of B.Voc Agriculture, Carmel College, Mala has successfully completed an internship in the field of Agriculture and allied subject from 15/11/2022 to 28/02/2023 under the guidance of Mr. Pradeep K D.

During the period of her internship program with us, she had been exposed to different agriculture- related topics like agriculture extension, data entry and interpretation, attended two national seminars and was found diligent, hardworking and inquisitive.

We wish her every success in her life and career.

Dr. Shakeela V.

Director (CAbC, MSSRF)

31/03/2023

Community Agrobiodiversity Centre

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3rd Cross Road,
Taramani Institutional Area,
Chennai, India - 600 113

Tel: 91 44 2254 1698, 2254 2633

Fax: 91 44 2254 1319

www.mssrf.org

**INTERSHIP REPORT ON INSTITUTIONAL STRUCTURE AND
PROJECT HANDLED BY
INTEGRATED RURAL TECHNOLOGY CENTRE (IRTC)**

Bachelor of Vocational Degree in Agriculture

BY

**SYED NOUFA SANOFAR.S
(REG.NO. CRAUBVU036)**

Under the super vision of

SATHEESH R.

Scientist and Head

Natural Resource Management Division



INTEGRATED RURAL TECHNOLOGY CENTRE (IRTC)

Mundur, Palakkad, Kerala

NABARD KFW Soil Project



INTERNSHIP REPORT

Submitted to the
Carmel College, Mala

In partial fulfilment of the award of
B.voc Degree in Agriculture

Submitted by
BHADRA K REGHULAL
(Reg.No. CRAUBVU014)



M S Swaminathan Research Foundation (MSSRF)



CARMEL COLLEGE, MALA
(NAAC RE-ACCREDITED WITH 'A' GRADE)
AFFILIATED TO CALICUT UNIVERSITY, MALAPPURAM
MALA P.O, MALA, THRISSUR, KERALA 680732



M S SWAMINATHAN
RESEARCH FOUNDATION

Community Agrobiodiversity Centre

Puthoorvayar PO., Kalpetta, Wayanad, Kerala 573 577

Tel : +91 4936 20 4477, 20 7019

Fax: +91 4936 20 7019

E mail: office@mssrfcabrc.res.in

www.mssrfcabrc.res.in

TO WHOM IT MAY CONCERN

This is to certify that **MS. BHADRA K REGHULAL** student of B.voc Agriculture, Carmel College, Mala has successfully completed an internship in the field of Agriculture and allied subject from 15/11/2022 to 28/02/2023 under the guidance of Mr. Pradeep K D.

During the period of her internship program with us, she had been exposed to different agriculture- related topics like agriculture extension, familiarize with cultivation practice and processing of coffee, data entry and interpretation, attended two national seminars and was found diligent, hardworking and inquisitive.

We wish her every success in her life and career.

Dr. Shakeela V.

Director (CAbC, MSSRF)

31/03/2023

Community Agrobiodiversity Centre

OUR VISION: An eco-sensitive self-reliant society empowered in conservation and sustainable & equitable utilization of biodiversity. OUR MISSION: Achieve social prosperity through conservation, enhancement and sustainable & equitable use of biological resources.

Registered Office

3rd Cross Road

Taramani Institutional Area,

Chennai - India - 600 113

Tel: 91 84 2254 1204 / 22541205



CARMEL COLLEGE, MALA
(Nationally Accredited With A Grade)

INTERNSHIP REPORT

**SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILMENT OF THE
REQUIREMENTS FOR THE AWARD OF THE DEGREE OF BACHELOR OF
VOCATIONAL STUDIES**

**B.VOC AGRICULTURE
SIXTH SEMESTER
2022 – 2023**

**SUBMITTED BY
ARDRA K.S
REG NO : CRAUBVU010**



**UNDER THE SUPERVISION OF
MRS. AMJA A.A
DISTRICT MANAGER
VEGETABLE AND FRUIT PROMOTION COUNCIL KERALAM,
THRISSUR**

CERTIFICATE

The “**INTERNSHIP REPORT**” submitted by ARDRA K.S (Reg no : CRAUBVU010) in partial fulfillment of the requirement of Bachelor of Vocational Studies at Carmel College, Mala, affiliated to University of Calicut during 2022 – 2023, is a record of the bonfide work done by her under the supervision and guidance of Mrs. Amja A.A , District Manager, Vegetable and Fruit Promotion Council Keralam (VFPCCK) Thrissur.

Date :

Dr. Manjusha Rani

Place :

Head of the Department of Agriculture

INTERNSHIP REPORT

Submitted to the
Carmel College, Mala

In partial fulfilment of the award of
B.Voc Degree in Agriculture

Submitted by

AHALYA RAVEENDRAN
(Reg No. CRAUBVU001)
SIXTH SEMESTER



VANAMOOKIKA
Hardy People. Wealthy Nature

Vanamoolika Samrakshana Sangham



CARMEL COLLEGE, MALA (AUTONOMOUS)

NAAC RE-ACCREDITED WITH 'A' GRADE

AFFILIATED TO CALICUT UNIVERSITY

MALA ,THRISSUR ,KERALA 680732



VANAMOOliKA

WAYANAD VANAMOOliKA SAMRAKSHANA SANGAM

Regd. Off.: Room No. XV/27, Mullankolly Post,
Pulpally - 673579, Kerala, India

Certificate

*This is to certify that Ms. Ahalya Raveendran, (CRAUBVU001)
Carmel college, Mala, Thrissur has been successfully completed the
Training Programme on Organic Production, Processing
and Export of Coffee, Spices and Medicinal plants and Academic project on organic pest
and disease management from 19/01/2023 to 30/03/2023 at Vanamoolika Samrakshana
Sangam, Mullenkolly, Pulpally, Wayanad.*


President




Training Coordinator

INTERNSHIP REPORT

Submitted to

TIES

In partial fulfillment of the award of

B.voc Degree in Agriculture

Submitted by

ANJANALAKSHMI P.P

(Reg.No.CRAUBVU007)



TROPICAL INSTITUTE OF ECOLOGICAL SCIENCES



CARMEL COLLEGE MALA

(National Accredited With A Grade)

2022-2023



TROPICAL INSTITUTE OF ECOLOGICAL SCIENCES
Ecological Research Campus, K.K.Road, Velloor P.O., Kottayam, 686 501. Kerala, India.
Tel: - 9497290339, 9633723305, 0481- 2957050.
Email: tropicalschool@gmail.com; info@ties.org.in

*Approved Research Centre, Mahatma Gandhi University, Kottayam
Approved Laboratory of Pollution Control Board*

T I E S - t i e s M i n d a n d N a t u r e

INTERNSHIP CERTIFICATE

This is to certify that **Ms. Anjanalakshmi P.P**, B. Voc. Agriculture, Carmel College, Mala, Thrissur, did her internship at this Institute during the period 27.12.2022 to 27.03.2023. She has got exposure to various research and education programmes of TIES. Her conduct and character are good.

Dr. Punnen Kurian

Secretary
Tropical Institute of Ecological Sciences
Kottayam

Kottayam
27.03.2023



INTERNSHIP REPORT

Submitted to the
Carmel College, Mala

In partial fulfilment of the award of
B.Voc Degree in Agriculture

Submitted by

AISWARYA E B
(Reg No. CRAUBVU002)
SIXTH SEMESTER



VANAMOLIKA
Hand By People, Wealthy Nature

Vanamoolika Samrakshana Sangham



CARMEL COLLEGE, MALA (AUTONOMOUS)

NAAC RE-ACCREDITED WITH 'A' GRADE

AFFILIATED TO CALICUT UNIVERSITY

MALA , THRISSUR , KERALA 680732



VANAMOOLIKA

WAYANAD VANAMOOLIKA SAMRAKSHANA SANGAM

Regd. Off.: Room No. XV/27, Mullankolly Post,
Pulpally - 673579, Kerala, India

Certificate

*This is to certify that Ms. Aiswarya E B, (ERAUBVU002)
Carmel college, Mala, Thrissur has been successfully completed the
Training Programme on Organic Production, Processing
and Export of Coffee, Spices and Medicinal plants and the academic project on Zero
Budget Farming from 19/01/2023 to 30/03/2023 at Vanamoolika Samrakshana Sangam,
Mullenkolly, Pulpally, Wayanad.*


President




Training Coordinator



CARMEL COLLEGE, MALA
(Nationally Accredited With A Grade)

INTERNSHIP REPORT

**SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILMENT OF THE
REQUIREMENTS FOR THE AWARD OF THE DEGREE OF BACHELOR OF
VOCATIONAL STUDIES**

**B.VOC AGRICULTURE
SIXTH SEMESTER
2022 – 2023**

**SUBMITTED BY
ASHIMA THOMAS
REG NO : CRAUBVU012**



**UNDER THE SUPERVISION OF
MRS. AMJA A.A
DISTRICT MANAGER
VEGETABLE AND FRUIT PROMOTION COUNCIL KERALAM,
THRISSUR**

CERTIFICATE

The “**INTERNSHIP REPORT**” submitted by ASHIMA THOMAS (Reg no: CRAUBVU012) in partial fulfillment of the requirement of Bachelor of Vocational Studies at Carmel College, Mala, affiliated to University of Calicut during 2022 – 2023, is a record of the bonfide work done by her under the supervision and guidance of Mrs. Amja A.A , District Manager, Vegetable and Fruit Promotion Council Keralam (VFPCCK) Thrissur.

Date :

Dr. Manjusha Rani

Place :

Head of the Department of Agriculture

INTERNSHIP REPORT

Submitted to the
Carmel College, Mala

In partial fulfilment of the award of
B.voc Degree in Agriculture

Submitted by
THEJASMAY T
(Reg.No. CRAUBVU038)



M S Swaminathan Research Foundation (MSSRF)



CARMEL COLLEGE, MALA
(NAAC RE-ACCREDITED WITH 'A' GRADE)
AFFILIATED TO CALICUT UNIVERSITY, MALAPPURAM
MALA P.O, MALA, THRISSUR, KERALA 680732



M S SWAMINATHAN
RESEARCH FOUNDATION

Community Agrobiodiversity Centre
Puthoorvayal PO., Kalpetta, Wayanad, Kerala 673 577
Tel.: +91 4936 20 4477, 20 7019
Fax: +91 4936 20 7019
E mail: office@mssrfcabc.res.in
www.mssrfcabc.res.in

TO WHOM IT MAY CONCERN

This is to certify that **MS. THEJASMAY T** student of B.voc Agriculture, Carmel College, Mala has successfully completed an internship in the field of Agriculture and allied subject from 15/11/2022 to 28/02/2023 under the guidance of Mr. Pradeep K D.

During the period of her internship program with us, she had been exposed to different agriculture- related topics like agriculture extension, familiarize with cultivation practice and processing of coffee, data entry and interpretation, attended two national seminars and was found diligent, hardworking and inquisitive.

We wish her every success in her life and career.

Shakeela V.

Dr. Shakeela V.

Director (CAbC, MSSRF)

31/03/2023

Community Agrobiodiversity Centre

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Registered Office
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Taramani Institutional Area,
Chennai, India - 600 113
Tel: 91 44 2254 1638, 2254 2693
Fax: 91 44 2254 1319
www.mssrf.org

INTERNSHIP REPORT ON INSTITUTIONAL STRUCTURE AND
PROJECT HANDLED BY

AGRICULTURE & RURAL DEVELOPMENT SOCIETY

BACHELOR OF VOCATIONAL DEGREE IN AGRICULTURE

BY

SANJANA MS

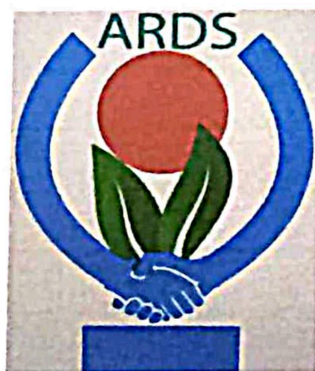
(REG NO: CRAUBVU028)

UNDER THE SUPERVISION OF

P K PRIYA

PROJECT ASSISTANT

AGRICULTURE & RURAL DEVELOPMENT SOCIETY



AGRICULTURE & RURAL DEVELOPMENT SOCIETY

RAGAMALIKAPURAM, POOTHOLE, THRISSUR



ARDS

AGRICULTURAL AND RURAL DEVELOPMENT SOCIETY
IMPERIAL APARTMENT, RAGAMALIKAPURAM, THRISSUR-4
PHONE: 9544638426

Ref

Date 02-05-2023

Internship certificate

This is to certify that Miss Sanjana M.S., a student of Bvoc Agriculture, Calicut University, Kerala has successfully completed 03 (Three) months (from 9th December 2022 to 15th March 2023) long internship programme with us she was found punctual, hard-working, and inquisitive.

We wish her every success in life.

For ARDS

Madhu
Project Director

Madhu Chemberi



INTERNSHIP REPORT



CARMEL COLLEGE MALA

(NAAC RE ACCREDITED WITH 'A' GRADE)

SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL
FULFILLMENT OF THE REQUIREMENT FOR THE
AWARD OF BACHELOR OF VOCATIONAL DEGREE
B VOC AGRICULTURE SIXTH SEMESTER 2022 - 2023

SUBMITTED BY

MEDHA C MUKUNDAN

REG NO : CRAUBVU023

UNDER THE SUPERVISION OF

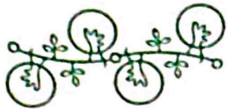
MS.ASIYA P

Scientist

M.S.SWAMINATHAN RESEARCH FOUNDATION



M. S. SWAMINATHAN BOTANICAL GARDEN
Save. Study and Use Biodiversity



M S SWAMINATHAN
RESEARCH FOUNDATION

Community Agrobiodiversity Centre

Puthoorvayal PO, Kalpetta, Wayanad, Kerala 673 577
Tel: +91 4936 20 4477, 20 7019
Fax: +91 4936 20 7019
E-mail: office@mssrfcabrc.res.in
www.mssrfcabrc.res.in

TO WHOM IT MAY CONCERN

This is to certify that **MS. MEDHA C MUKUNDAN** student of B.voc Agriculture, Carmel College, Mala has successfully completed an internship in the field of Agriculture and allied subject from 15/11/2022 to 31/03/2023 under the guidance of Ms. Asiya P. During the period of her internship program with us, she had been exposed to different agriculture- related topics like preparation of Trichoderma and Psuedomonas, Spawn production and Mushroom cultivation, field exposure, hardworking and inquisitive.

We wish her every success in her life and career.

Place: Puthoorvayal

Date: 31/03/2023



Dr. Shakeela V.

Director (CAbC, MSSRF)




Ms. Asiya P

Scientist

Community Agrobiodiversity Centre

OUR VISION: An eco-sensitive self-reliant society empowered in conservation and sustainable & equitable utilization of biodiversity. OUR MISSION: Achieve social prosperity through conservation, enhancement and sustainable & equitable use of biological diversity, adaptation and dissemination.

Registered Office
3rd Cross Road,
Taramani Institutional Area,
Chennai, India - 600 113
Tel: 91 44 2254 1698, 2254 2698

INTERNSHIP REPORT

Submitted to the
Carmel College, Mala

In partial fulfilment of the award of
B.Voc Degree in Agriculture

Submitted by

AISWARYALAKSHMI E L
(Reg No. CRAUBVU003)
SIXTH SEMESTER



VANAMOOKIKA
For By People Wealthy Nature

Vanamoolika Samrakshana Sangham



CARMEL COLLEGE, MALA (AUTONOMOUS)

NAAC RE-ACCREDITED WITH 'A' GRADE

AFFILIATED TO CALICUT UNIVERSITY

MALA , THRISSUR , KERALA 680732



VANAMOOLIKA

WAYANAD VANAMOOLIKA SAMRAKSHANA SANGAM

Regd. Off.: Room No. XV/27, Mullankolly Post,
Pulpally - 673579, Kerala, India

Certificate

*This is to certify that Ms. Aiswaryalakshmi E L, (CRAUBVU003)
Carmel college, Mala, Thrissur has been successfully completed the
Training Programme on Organic Production, Processing
and Export of Coffee, Spices and Medicinal plants and the Academic project on Seed selection
and organic treatment of seeds from 19/01/2023 to 30/03/2023 at Vanamoolika Samrakshana
Sangam, Mullenkolly, Pulpally, Wayanad.*


President




Training Coordinator

INTERNSHIP REPORT

Submitted to the
Carmel College, Mala

In partial fulfilment of the award of
B.Voc Degree in Agriculture

Submitted by
SAAYOOJA A M
(Reg No. CRAUBVU027)
SIXTH SEMESTER



VANAMOOKIKA
Pro-By People, Wealthy Nature.

Vanamoolika Samrakshana Sangham



CARMEL COLLEGE, MALA (AUTONOMOUS)

NAAC RE-ACCREDITED WITH 'A' GRADE

AFFILIATED TO CALICUT UNIVERSITY

MALA , THRISSUR , KERALA 680732



VANAMOOLIKA

WAYANAD VANAMOOLIKA SAMRAKSHANA SANGAM

Regd. Off.: Room No. XV/27, Mullankolly Post,
Pulpally - 673579, Kerala, India

Certificate

*This is to certify that Ms. Saayooja A M, (CRAUBVU027)
Carmel college, Mala, Thrissur has been successfully completed the
Training Programme on Organic Production, Processing
and Export of Coffee, Spices and Medicinal plants and the academic project on Zero
Budget Farming from 19/01/2023 to 30/03/2023 at Vanamoolika Samrakshana Sangam,
Mullenkolly, Pulpally, Wayanad.*


President




Training Coordinator

INTERNSHIP REPORT

Submitted to

TIES

In partial fulfillment of the award of

B.voc Degree in Agriculture

Submitted by

SIJ MARIYA SHAJU

(Reg.No.CRAUBVU030)



TROPICAL INSTITUTE OF ECOLOGICAL SCIENCES



CARMEL COLLEGE MALA

(National Accredited With A Gade)

2022-2023



TROPICAL INSTITUTE OF ECOLOGICAL SCIENCES
Ecological Research Campus, K.K.Road, Velloor P.O., Kottayam, 686 501. Kerala, India.
Tel: - 9497290339, 9633723305, 0481- 2957050.
Email: tropicalschool@gmail.com; info@ties.org.in

Approved Research Centre, Mahatma Gandhi University, Kottayam
Approved Laboratory of Pollution Control Board

T I E S - t i e s M i n d a n d N a t u r e

INTERNSHIP CERTIFICATE

This is to certify that **Ms. Sij Mariya Shaju**, B. Voc. Agriculture, Carmel College, Mala, Thrissur, did her internship at this Institute during the period 27.12.2022 to 27.03.2023. She has got exposure to various research and education programmes of TIES. Her conduct and character are good.

Kottayam
27.03.2023



Dr. Punnen Kurian

Secretary
Tropical Institute of Ecological Sciences
Kottayam

INTERNSHIP REPORT

Submitted to

TIES

In partial fulfillment of the award of

B.voc Degree in Agriculture

Submitted by

THEERTHANA M.S

(Reg.No.CRAUBVU037)



TROPICAL INSTITUTE OF ECOLOGICAL SCIENCES



CARMEL COLLEGE MALA

(National Accredited With A Grade)

2022-2023



TROPICAL INSTITUTE OF ECOLOGICAL SCIENCES
Ecological Research Campus, R.R. Road, Vellure P.O., Kottayam, KRS 501 Kerala, India
Tel: - 9447290100, 96 1172105, 0481-2257050
Email: tropicalscholar@gmail.com, info@ties.org.in


TIES - TROPICAL INSTITUTE OF ECOLOGICAL SCIENCES

INTERNSHIP CERTIFICATE

This is to certify that **Ms. Theerthana M.S.**, B. Voc. Agriculture, Carmel College, Mala, Thrissur, did her internship at this Institute during the period 27.12.2022 to 27.03.2023. She has got exposure to various research and education programmes of TIES. Her conduct and character are good.

Kottayam
27.03.2023




Dr. Punnen Kurian

Secretary
Tropical Institute of Ecological Sciences
Kottayam



CARMEL COLLEGE MALA

(NAAC RE ACCREDITED WITH 'A' GRADE)

INTERNSHIP REPORT

**SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILLMENT OF THE
REQUIREMENT FOR THE AWARD OF BACHELOR OF VOCATIONAL
DEGREE**

B VOC AGRICULTURE SIXTH SEMESTER 2022 - 2023

SUBMITTED BY

ARYA E K

REG NO : CRAUBVU011

UNDER THE SUPERVISION OF

Mr.KUNHAMMAD

CHAIRMAN OF SUBICSHA COCONUT PRODUCERS COMPANY Ltd.



Subicsha

SUBICSHA COCONUT PRODUCERS COMPANY Ltd.

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Phone: Off: 0496 2615186, Mob: 9946209005, 8589034044

E-mail: coconut.subicsha@gmail.com www.subicsha.in

(A Company Promoted by Perambra Block Panchayath for Women Self Help Groups under SGSY Special Project, Govt. of India)



Date.....

CERTIFICATE

This is to certify that Ms. ARYA. E.K , student of Carmel College, Mala, Trissur, have successfully completed her four months of Internship Programme from 24-11-2022 to 24-03-2023 on SUBICSHA Coconut Producer Company Ltd., Chalikkara, Kozhikode (Dist) as a part of her B Voc Agriculture.



Chairman

Subicsha Coconuts Producer Co.Ltd

CHAIRMAN
SUBICSHA COCONUTS PRODUCER
COMPANY LTD.
H.O. CHALIKKARA

INTERNSHIP REPORT



**RAIDCO Kerala Ltd
(RAIDCO Curry Powder Factory)**

**UNDER THE GUIDANCE
OF MRS MANJULA UM
(QUALITY
CONTROLLER)**

SUBMITTED BY:

SURYA K M

REG: CRAUBVU035

DEPARTMENT OF AGRICULTURE

DATE OF INTERNSHIP: 17/01/2023 TO 26/04/2023

CARMEL COLLEGE

MALA





CARMEL COLLEGE, MALA

(Nationally Accredited with A Grade)

INTERNSHIP REPORT

**SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILMENT OF THE
REQUIREMENT FOR THE AWARD OF
BACHELOR OF VOCATIONAL STUDIES**

B.VOC AGRICULTURE

SIXTH SEMESTER

2022-2023

SUBMITTED BY

SURYA K M

(REG NO: CRAUBVU035)

UNDER THE SUPER VISION OF

MRS MANJULA UM

(QUALITY CONTROLLER)

RAIDCO

CURRY POWDER FACTORY

MAVILAYI, KANNUR

Manjusha Rani

**Dr. MANJUSHA RANI
HEAD OF THE DEPARTMENT**

Manjusha Rani

**Dr. MANJUSHA RANI
SUPERVISOR**

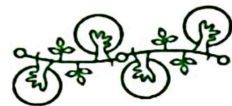
INTERNSHIP REPORT

Submitted to the
MSSRF

In partial fulfilment of the award of
B.VOC Degree in Agriculture

Submitted by

NANDANA VIJU
(Reg No.CRAUBVU025)



MSSRF

Science for Sustainable Development

M S Swaminathan Research Foundation (MSSRF)



CARMEL COLLEGE, MALA

(NAAC RE-ACCREDITED WITH 'A' GRADE)
AFFILIATED TO THE UNIVERSITY OF CALICUT KERALA



M.S. SWAMINATHAN
RESEARCH FOUNDATION

Community Agrobiodiversity Centre

Registered Office: 3rd Cross Road, Taramani Institutional Area, Chennai, India - 600 113
Tel: 91 44 2254 1698, 2254 2538
Fax: 91 44 2254 1319
E-mail: info@msrf.org
www.msrf.org

TO WHOM IT MAY CONCERN

This is to certify that MS. NANDANA VIJU student of B.voc Agriculture, Carmel College, Mala has successfully completed an internship in the field of Agriculture and allied subject from 15/11/2022 to 31/03/2023 under the guidance of Ms. Asiya P. During the period of her internship program with us, she had been exposed to different agriculture- related topics like preparation of Trichoderma and Psuedomonas, Spawn production and Mushroom cultivation, field exposure, hardworking and inquisitive.

We wish her every success in her life and career.

Place: Puthoorvayal

Date: 31/03/2023

Dr Shakeela V.

Director (CABc, MSSRF)



Ms. Asiya P

Scientist

Community Agrobiodiversity Centre

OUR VISION: An eco-sensitive self-reliant society empowered in conservation and sustainable & equitable utilization of biodiversity. OUR MISSION: Achieve social prosperity through conservation, enhancement and sustainable & equitable use of biological diversity by adopting and disseminating economically viable, ecologically sensitive and socially inclusive approaches & processes.

Registered Office:
3rd Cross Road,
Taramani Institutional Area,
Chennai, India - 600 113
Tel: 91 44 2254 1698, 2254 2538
Fax: 91 44 2254 1319
www.msrf.org

INTERNSHIP REPORT

Submitted to

TIES

In partial fulfillment of the award of

B.voc Degree in Agriculture

Submitted by

KARTHIKA I.S

(Reg.No.CRAUBVU022)



TROPICAL INSTITUTE OF ECOLOGICAL SCIENCES



CARMEL COLLEGE MALA

(National Accredited With A Grade)

2022-2023



TROPICAL INSTITUTE OF ECOLOGICAL SCIENCES
Ecological Research Campus, K.K.Road, Velloor P.O., Kottayam, 686 501, Kerala, India.
Tel: - 9497290339, 9633723305, 0481- 2957050.
Email: tropicalschoool@gmail.com; info@ties.org.in

*Approved Research Centre, Mahatma Gandhi University, Kottayam
Approved Laboratory of Pollution Control Board*

T I E S - t i e s M i n d a n d N a t u r e

INTERNSHIP CERTIFICATE

This is to certify that **Ms. Karthika I.S.**, B. Voc. Agriculture, Carmel College, Mala, Thrissur, did her internship at this Institute during the period 27.12.2022 to 27.03.2023. She has got exposure to various research and education programmes of TIES. Her conduct and character are good.

Dr. Punnen Kurian

Secretary
Tropical Institute of Ecological Sciences
Kottayam

Kottayam
27.03.2023



INTERNSHIP REPORT

Submitted to the

Carmel College, Mala

In partial fulfilment of the award of

B.voc Degree in Agriculture

Submitted by

NASHIMA V N

(CRAUBVU026)



**HI TECH INTEGRATED FARM & ORGANIC FARMING
RESEARCH CENTRE**



CARMEL COLLEGE MALA

(NAAC RE-ACCREDITED WITH "A" GRADE)

AFFILIATED TO CALICUT UNIVERSITY, MALAPPURAM

MALA P.O, THRISSUR, KERALA 680732



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www.azeezia.in

HI TECH INTEGRATED FARM &
ORGANIC FARMING RESEARCH CETNRE
PAZHUVIL WEST- 680 564 THRISSUR DT.
Mob: 98475 83181, 7510766777

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. NASHIMA V.N.** student of B.Voc agriculture and allied subject under gone internship from 13-01-2022 to 02-04-2023 under the guidance of Mr. P.J. Mathew (Scientist C - Retd Central Silk Board)

During the period of her intership program with us, she had been exposed to different agriculture related topic like Familiarize cultivation practice of Amaranthus, Mint, Nursery seedling , Production and planting of Avocado plants and cucurbits. She was found diligent, hardworking & Inquisitive.

We wish her every success in her life and career.

Manager
Sivaraj M.S.



Date:

Place:

INTERNSHIP REPORT

Submitted to the
Carmel College, Mala
In partial fulfilment of the award of
B.voc Degree in Agriculture

Submitted by
SHAHINA P M
(CRAUBVU029)



**HI TECH INTEGRATED FARM & ORGANIC FARMING
RESEARCH CENTRE**



CARMEL COLLEGE MALA
(NAAC RE-ACCREDITED WITH "A" GRADE)
AFFILIATED TO CALICUT UNIVERSITY, MALAPPURAM
MALA P.O, THRISSUR, KERALA 680732



AzeeZia
www.azeezia.in

**HI TECH INTEGRATED FARM &
ORGANIC FARMING RESEARCH CENTRE**
PAZHUVIL WEST- 680 564 THRISSUR DT.
Mob: 98475 83181, 7510766777

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. SHAHINA P.M.** student of B.Voc agriculture and allied subject under gone internship from 13-01-2022 to 02-04-2023 under the guidance of Mr. P.J. Mathew (Scientist C - Retd Central Silk Board)

During the period of her internship program with us, she had been exposed to different agriculture related topic like Familiarize cultivation practice of Amaranthus, Mint, Nursery seedling, Production and planting of Avocado plants and cucurbits. She was found diligent, hardworking & Inquisitive.

We wish her every success in her life and career.

Manager
Sivaraj M.S.



Date:

Place:

INTERNSHIP REPORT

Submitted to the
Carmel College, Mala

In partial fulfilment of the award of
B.Voc Degree in Agriculture

Submitted by

HIBA V
(Reg No. CRAUBVU018)
SIXTH SEMESTER



VANAMOLIKA
Hand In Hand - We Build Future

Vanamoolika Samrakshana Sangham



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AFFILIATED TO CALICUT UNIVERSITY

MALA ,THRISSUR ,KERALA 680732



VANAMOOLIKA

WAYANAD VANAMOOLIKA SAMRAKSHANA SANGAM

Regd. Off.: Room No. XV/27, Mullankolly Post,
Pulpally - 673579, Kerala, India

Certificate

*This is to certify that Ms. Hiba V, (CRAUBVU018)
Carmel college, Mala, Thrissur has been successfully completed the
Training Programme on Organic Production, Processing
and Export of Coffee, Spices and Medicinal plants and the Academic project on organic
peservation and practices from 19/01/2023 to 30/03/2023 at Vanamoolika Samrakshana
Sangam, Mullenkolly, Pulpally, Wayanad.*


President




Training Coordinator

INTERNSHIP REPORT

Submitted to the

Carmel College, Mala

In partial fulfilment of the award of

B.voc Degree in Agriculture

Submitted by

SREELAKSHMI T S

(CRAUBVU032)



**HI TECH INTEGRATED FARM & ORGANIC FARMING
RESEARCH CENTRE**



CARMEL COLLEGE MALA

(NAAC RE-ACCREDITED WITH "A" GRADE)

AFFILIATED TO CALICUT UNIVERSITY, MALAPPURAM

MALA P.O, THRISSUR, KERALA 680732



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ORGANIC FARMING RESEARCH CENTRE**
PAZHUVIL WEST- 680 564 THRISSUR DT.
Mob: 98475 83181, 7510766777

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. SREELAKSHMI T.S.** student of B.Voc agriculture and allied subject under gone internship from 13-01-2022 to 02-04-2023 under the guidance of Mr. P.J. Mathew (Scientist C - Retd Central Silk Board)

During the period of her internship program with us, she had been exposed to different agriculture related topic like Familiarize cultivation practice of Amaranthus, Mint, Nursery seedling, Production and planting of Avocado plants and cucurbits. She was found diligent, hardworking & Inquisitive.

We wish her every success in her life and career.

Manager
Sivaraj M.S.



Date:

Place:



CARMEL COLLEGE, MALA
(Nationally Accredited With A Grade)

INTERNSHIP REPORT

**SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILMENT OF THE
REQUIREMENTS FOR THE AWARD OF THE DEGREE OF BACHELOR OF
VOCATIONAL STUDIES**

**B.VOC AGRICULTURE
SIXTH SEMESTER
2022 – 2023**

**SUBMITTED BY
ANJANA T.C
REG NO : CRAUBVU008**



**UNDER THE SUPERVISION OF
MRS. AMJA A.A
DISTRICT MANAGER
VEGETABLE AND FRUIT PROMOTION COUNCIL KERALAM,
THRISSUR**

CERTIFICATE

The “**INTERNSHIP REPORT**” submitted by ANJANA T.C (Reg no : CRAUBVU008) in partial fulfillment of the requirement of Bachelor of Vocational Studies at Carmel College, Mala, affiliated to University of Calicut during 2022 – 2023, is a record of the bonfide work done by her under the supervision and guidance of Mrs. Amja A.A , District Manager, Vegetable and Fruit Promotion Council Keralam (VFPCK) Thrissur.

Date :

Dr. Manjusha Rani

Place :

Head of the Department of Agriculture

**INTERSHIP REPORT ON INSTITUTIONAL STRUCTURE AND
PROJECT HANDLED BY
INTEGRATED RURAL TECHNOLOGY CENTRE (IRTC)**

Bachelor of Vocational Degree in Agriculture

BY

**Megha Mohan M
(REG.NO. CRAUBVU024)**

Under the super vision of

SATHEESH R.

Scientist and Head

Natural Resource Management Division



INTEGRATED RURAL TECHNOLOGY CENTRE (IRTC)

Mundur, Palakkad, Kerala

INTERNSHIP REPORT



CARMEL COLLEGE MALA

(NAAC RE ACCREDITED WITH 'A' GRADE)
SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILLMENT
OF THE REQUIREMENT FOR THE AWARD OF BACHELOR OF
VOCATIONAL DEGREE

B VOC AGRICULTURE SIXTH SEMESTER 2022 - 2023
SUBMITTED BY
KABANI VP
REG NO : CRAUBVU021

UNDER THE SUPERVISION OF

MS.ASIYA P

Scientist

M.S.SWAMINATHAN RESEARCH FOUNDATION



M. S. SWAMINATHAN BOTANICAL GARDEN
Save, Study and Use Biodiversity

**INTERSHIP REPORTE
(THAKAYATHIL AGRO FARM)**

By

DEVIKA. K

REG. NO CRAUBVU015

SIXTH SEMESTER

PROJECT

**In partial fulfillment of the requirement of the award of
B. VOC DEGREE IN AGRICULTURE**

UNIVERSITY OF CALICUT



CARMEL COLLEGE , MALA

(Nationally accredited with A Grade)

2022-23

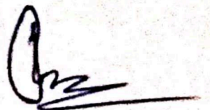
INTERNSHIP CERTIFICATE

This is certify that Ms. DEVIKA .K (CRAUBVU015) a student of CARMEL COLLEGE mala, Thrissur (Autonomous) Affiliated to Calicut University has successfully completed 03 (Three) Months (from 20th December,2022 to 20th March,2023) long internship program at THANKAYATHIL AGRO FARM (Mele Ariptra,kavumpadi – Malappura Dt.) during this period of her internship with us she was found punctual, and hardworking

Place :- perinthalmanna

Date : 14/04/23

↓
12
12
12
12
K

ShoukKath 

Thankayathil agro farm
(Mele Ariptra, kavumpadi)
Malappuram dst

THANKAYATHIL AGRO FARM
Account Number
40207111000292

INTERNSHIP REPORT



CARMEL COLLEGE MALA

(NAAC RE ACCREDITED WITH 'A' GRADE)

SUBMITTED TO CALICUT UNIVERSITY IN PARTIAL FULFILLMENT
OF THE REQUIREMENT FOR THE AWARD OF BACHELOR OF
VOCATIONAL DEGREE

B VOC AGRICULTURE SIXTH SEMESTER 2022 - 2023

SUBMITTED BY

VIJISHA CM

REG NO : CRAUBVU039

UNDER THE SUPERVISION OF

MS.ASIYA P

Scientist

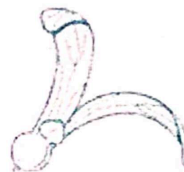
M.S.SWAMINATHAN RESEARCH FOUNDATION

Valued

*Dr Binu JV
20/5/23*

Maryeshe R

Dr. Maryeshe Rani



M. S. SWAMINATHAN BOTANICAL GARDEN
Save, Study and Use Biodiversity



M S SWAMINATHAN
RESEARCH FOUNDATION

Community Agrobiodiversity Centre

Puthoorvayal PO., Kalpetta, Wayanad, Kerala 673 577

Tel.: +91 4936 20 4477, 20 7019

Fax: +91 4936 20 7019

E-mail: office@mssrfcabrc.res.in

www.mssrfcabrc.res.in

TO WHOM IT MAY CONCERN

This is to certify that **MS. VIJISHA C.M.** student of B.voc Agriculture, Carmel College, Mala has successfully completed an internship in the field of Agriculture and allied subject from 15/11/2022 to 31/03/2023 under the guidance of Ms Asiya P. During the period of her internship program with us, she had been exposed to different agriculture- related topics like preparation of Trichoderma and Psuedomonas, Spawn production and Mushroom cultivation, field exposure, hardworking and inquisitive.

We wish her every success in her life and career.

Place: Puthoorvayal

Date: 31/03/2023

Dr Shakeela V.

Director (CABC, MSSRF)



Ms. Asiya P

Scientist

Community Agrobiodiversity Centre

OUR VISION: An eco-sensitive self-reliant society empowered in conservation and sustainable & equitable utilization of biodiversity. OUR MISSION: Achieve social prosperity through conservation, enhancement and sustainable & equitable

Registered Office:

3rd Cross Road,
Taramani Institutional Area,
Chennai, India - 600 113

Tel: 91 44 2254 1698 2254 26

INTERNSHIP REPORT



Vanamoolika Samrakshana Sangham



VANAMOOLIKA
Healthy People. Healthy Future.

JOSNA JOY
REG NO : CRAUBVU020

**Sixth Semester Internship Report submitted in partial fulfillment
of the requirement for the award of
Bachelor of Vocational Degree in Agriculture**



CARMEL COLLEGE (AUTONOMOUS), MALA
2022-2023

INTERNSHIP REPORT

Submitted to the
Carmel College, Mala

In partial fulfilment of the award of
B.Voc Degree in Agriculture

Submitted by
JOSNA JOY
(Reg No. CRAUBVU020)
SIXTH SEMESTER



VANAMOOKIKA
Peace by Tolerant Healthy Nature

Vanamoolika Samrakshana Sangham



Valued

Binu TV

Dr Binu TV

10/5/23

Mayyada

Dr Mayyada Paru

10/5/23

CARMEL COLLEGE, MALA (AUTONOMOUS)

NAAC RE-ACCREDITED WITH 'A' GRADE

AFFILIATED TO CALICUT UNIVERSITY

MALA ,THRISSUR ,KERALA 680732



VANAMOOLIKA

WAYANAD VANAMOOLIKA SAMRAKSHANA SANGAM

Regd. Off.: Room No. XVI/27, Mullankolly Post,
Pulpally - 673579, Kerala, India

Certificate

This is to certify that Ms. Josna Joy, (CRABVU020)

Carmel college, Mala, Thrissur has been successfully completed the

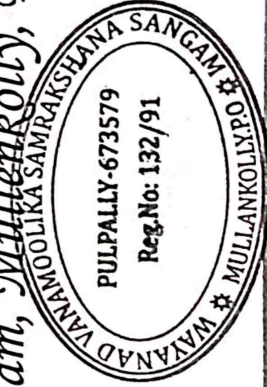
Training Programme on Organic Production, Processing


and Export of Coffee, Spices and Medicinal plants and the accademic project on Organic Pest

and Disease Management from 19/01/2023 to 30/03/2023 at Vanamoolika Samrakshana

Sangam, Mullankolly, Pulpally, Wayanad.


President




Training Coordinator



ARDS

AGRICULTURAL AND RURAL DEVELOPMENT SOCIETY
IMPERIAL APARTMENT, RAGAMALIKAPURAM, THRISSUR-4
PHONE: 9544638426

Ref

Date 02-05-2023

Internship certificate

This is to certify that Miss Anagha V.R., a student of Bvoc Agriculture, Calicut University, Kerala has successfully completed 03 (Three) months (from 21stDecember 2022 to 18th March 2023) long internship programme with us she was found punctual, hard-working, and inquisitive.

We wish her every success in life.

For ARDS

Madhu
MadhuChemberi

Project Director



CERTIFICATE

This is to certify that project titled " ECONOMIC ANALYSIS OF LENDING THROUGH JOINT LIABILITY GROUPS FOR AGRICULTURE submitted by ANAGHA V R(CRAUBVU005) in partial fulfilment of the requirement of bachelor of Vocational Degree in Agriculture at Carmel College, Mala, Affiliated to University of Calicut during 2022-2023, is a record of the bonafide work done by her under my supervision guidance.

DATE: 22/4/2023

PLACE: Thrissur



P.K. PRIYA

PROJECT ASSISTANT
AGRICULTURE & RURAL
DEVELOPMENT SOCIETY



MASS MULTIPLICATION OF

“Pseudomonas fluorescens”

Dissertation Submitted to in partial fulfillment of the requirements for the award of the

degree of

BACHELOR OF VOCATIONAL AGRICULTURE

Of

Calicut University

By

SUDHINA K M

CRAUBVU034

Under the Guidance of

Dr. SANJU BALAN

Assistant Professor, Department of Plant Pathology

KAU,RARS Pilicode, Kasaragod



DEPARTMENT OF AGRICULTURE

CARMEL COLLEGE ,MALA

THRISSUR

(Nationally Accredited With A Grade)

2022-2023



Phone: 0467 2260632
0467 2260554
E-mail: adrpil@kau.edu

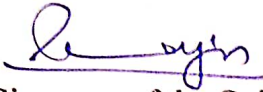
KERALA AGRICULTURAL UNIVERSITY
Regional Agricultural Research Station, Pilicode
Kasaragod, 671310

Dr. Sanju Balan
Assistant Professor (Plant Pathology)

Dated: 05/05/2023

CERTIFICATE

This is to certify that the dissertation entitled "*Mass multiplication of Pseudomonas fluorescens*" submitted to the University of Calicut, Kerala in partial fulfilment of the requirements for the award of the Degree of Bachelor of Vocational in Agriculture is a record of the original research work done by Ms. **Sudhina K M., Reg. No.CRAUBVU034.,** Carmel College, Mala, Thrissur, during November 2022 to December 2022 under my supervision and guidance at Regional Agricultural Research Station, Pilicode, Kerala. It is also certified that no part of the thesis has been submitted elsewhere for any degree or diploma or associate ship or fellowship or other similar title to any candidate in any University.


Signature of the Guide

Pilicode

05/05/2023

**FAMILIARIZATION WITH PROCESSING OF SUGANDHAGIRI
COFFEE (*Coffea canephora*) BY TRIBES OF WAYANAD**

Thesis submitted to the
Carmel College Mala

In partial fulfilment of the award of
B.VOC Degree in Agriculture

Submitted by
BHADRA K REGHULAL
(Reg.No. CRAUBVU014)



M.S Swaminathan Research Foundation (MSSRF)



CARMEL COLLEGE, MALA

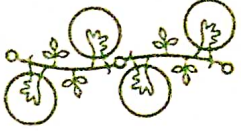
(NAAC RE ACCREDITED WITH 'A' GRADE)

AFFILIATED TO CALICUT UNIVERSITY, MALAPPURAM

MALA P.O, MALA, THRISSUR, KERALA 680732

NOVEMBER 2022

**FAMILIARIZATION WITH PROCESSING OF SUGANDHAGIRI
COFFEE (*Coffea canephora*) BY TRIBES OF WAYANAD**



M S SWAMINATHAN
RESEARCH FOUNDATION

Community Agrobiodiversity Centre

Puthoorvayal PO., Kalpetta, Wayanad, Kerala 673 577
Tel: +91 4936 20 4477, 20 7019
Fax: +91 4936 20 7019
E-mail: office@mssrfcabo.res.in
www.mssrfcabo.res.in

CERTIFICATE

This is to certify that **Ms. BHADRA K REGHULAL** from Department of vocational Studies, Carmel college Mala, affiliated to the University of Calicut, has undertaken a dissertation work entitled "**Familiarization with processing of coffee (*Coffea canephora*) by tribes of Sugandhagiri**" for partial fulfilment of her B.voc Degree in Agriculture at Community Agrobiodiversity Centre, M.S. Swaminathan Research Foundation, Wayanad under the guidance of Ms. Gayathri Kalathil Sajeev, Development Associate, CABc, MSSRF, Wayanad

The dissertation work comprises both theoretical and practical study in the specified problem and she applied has herself into this work sincerely and completed the project successfully.

Kalpetta

Date: 31/03 2023



Dr. Shakeela V

Director, CABc MSSRF

**“SOLID STATE FERMENTATION OF TRICHODERMA
ASPERELLUM AND ESTIMATION OF N ACETYLE
GLUCOSAMINE”**

A thesis submitted to the
Carmel College Mala

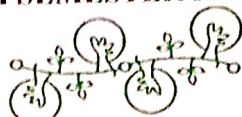
In partial fulfilment of the award of

B.VOC Degree in Agriculture
Submitted by

VIJISHA C M

(Reg.no. CRAUBVU039)

SIXTH SEMESTER PROJECT



MSSRF

Science for Sustainable Development

M.S Swaminathan Research Foundation (MSSRF)



CARMEL COLLEGE, MALA

(NAAC RE ACCREDITED WITH 'A' GRADE)

AFFILIATED TO CALICUT UNIVERSITY, MALAPPURAM

MALA P.O, MALA, THRISSUR, KERALA 680732

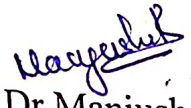
NOVEMBER 2022



CARMEL COLLEGE, MALA
AFFILIATED TO CALICUT UNIVERSITY, MALAPPURAM
(NAAC RE ACCREDITED WITH 'A' GRADE)
MALA P.O, MALA, THRISSUR, KERALA 680732
NOVEMBER 2022

CERTIFICATE

This is to certify that the dissertation entitled “Solid state Fermentation of *Trichoderma Asperellum* and Estimation of N Acetylc Glucosamine” submitted to the University of Calicut, Malappuram in partial fulfilment of the requirement for the award of degree of Bachelor of vocational studies in Agriculture with a bonafide record of original project work done by Ms. VIJISHA C M during the period of her study in the department of Vocational studies, Carmel College Mala, Thrissur under the guidance of Mrs. Asiya p. Scientist, Swaminathan Research Foundation (MSSRF) Wayanad


Mrs. Dr Manjusha Rani
Head of the Department
Department of B.VOC Agriculture

Examiners:

- 1)
- 2)
- 3)

ORGANIC PEST AND DISEASE MANAGEMENT

Submitted to the
Carmel College, Mala

In partial fulfilment of the award of
B.voc Degree in Agriculture

Submitted by

AHALYA RAVEENDRAN
(Reg No. CRAUBVU001)
SIXTH SEMESTER



VANAMOOLIKA
Healthy People. Wealthy Nature.

Vanamoolika Samrakshana Sangham

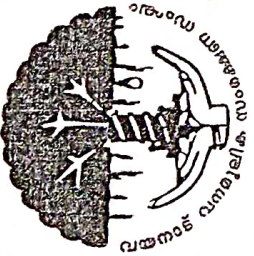


CARMEL COLLEGE, MALA (AUTONOMOUS)

NAAC RE-ACCREDITED WITH 'A' GRADE

AFFILIATED TO CALICUT UNIVERSITY

MALA, THRISSUR, KERALA 680732



VANAMOOLIKA

WAYANAD VANAMOOLIKA SAMRAKSHANA SANGAM

Regd. Off.: Room No. XVI/27, Mullankolly Post,
Pulpally - 673579, Kerala, India

Certificate

This is to certify that Ms. Ahalya Raveendran, (ERAUBV001)

Carmel college, Mala, Thrissur has been successfully completed the

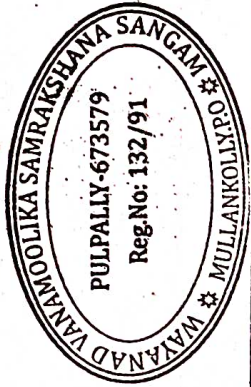
Training Programme on Organic Production, Processing


and Export of Coffee, Spices and Medicinal plants and Academic project on organic pest

and disease management from 19/01/2023 to 30/03/2023 at Vanamoolika Samrakshana

Sangam, Mullenkolly, Pulpally, Wayanad.


President




Training Coordinator

**A study on the high intensity fish cultivation under taken by
the Farmers of Palakkad District with special reference to
“Biofloc Aquaculture”**

Thesis submitted to the university of Calicut in partial fulfilment of
the requirement for the award of the degree

Bachelor of Vocational Degree in Agriculture

BY

Megha Mohan M

(REG.NO. CRAUBVU024)

Under the supervision of

SATHEESH R.

Scientist and Head

Natural Resource Management Division



INTEGRATED RURAL TECHNOLOGY CENTRE (IRTC)

Mundur, Palakkad, Kerala

CERTIFICATE

This is to certify that the thesis entitled "A study on the high intensity fish cultivation under taken by the Farmers of Palakkad District with special reference to "Biofloc Aquaculture" being submitted by Ms. Megha Mohan M., to the University of Calicut in partial fulfilment of the requirements for award of the Degree **Bachelor of Vocational Degree in Agriculture** is an authentic record of work carried out by me at the **Integrated Rural Technology Centre(IRTC), Mundur, Palakkad** under the supervision of **Satheesh.R ., Scientist & Head of Natural Resource Management division** during November 2022 to March 2023 and no part of the thesis has formed the basis for award of any degree or diploma earlier.



SATHEESH R.
Scientist and Head
Natural Resource Management

SEED SELECTION AND ORGANIC SEED TREATMENT

Submitted to the
Carmel College, Mala

In partial fulfilment of the award of
B.voc Degree in Agriculture

Submitted by

AISWARYALAKSHMI E L
(Reg No. CRAUBVU003)
SIXTH SEMESTER



VANAMOOLIKA

For the People, Healthy Harvest.

Vanamoolika Samrakshana Sangham

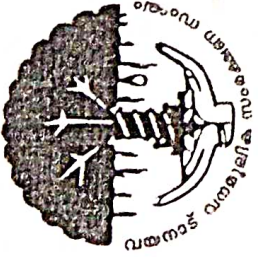


CARMEL COLLEGE, MALA (AUTONOMOUS)

NAAC RE-ACCREDITED WITH 'A' GRADE

AFFILIATED TO CALICUT UNIVERSITY

MALA, THRISSUR, KERALA 680732



VANAMOOLIKA

WAYANAD VANAMOOLIKA SAMRAKSHANA SANGAM


Regd. Off.: Room No. XVI/27, Mullankolly Post,
Pulpally - 673579, Kerala, India

Certificate

*This is to certify that Ms. Aiswaryalakshmi E L, (CRAUBV003)
Carmel college, Mala, Thrissur has been successfully completed the
Training Programme on Organic Production, Processing
and Export of Coffee, Spices and Medicinal plants and the Academic project on Seed selection
and organic treatment of seeds from 19/01/2023 to 30/03/2023 at Vanamoolika Samrakshana
Sangam, Mullenkolly, Pulpally, Wayanad.*


President




Training Coordinator

CULTIVATION OF OYSTER MUSHROOM

(pleurotus ostreatus)

Submitted to

Carmel college mala

In partial fulfillment of the award of

B vce Degree in Agriculture

Submitted by

SIJ MARIYA SHAJU

(Reg no. CRAUBVU030)

SIXTH SEMESTER PROJRCT



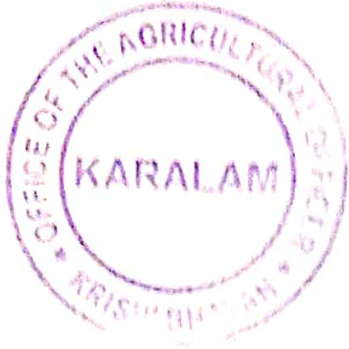
CARMEL COLLEGE MALA

(Nationally Accredited With 'A' Grade)

2022-2023

CERTIFICATE

This is to certify that project titled "CULTIVATION OF OYSTER MUSHROOM(*Pleurotus ostreatus*)" Submitted by SIJ MARIYA SHAJU (Reg no. CRAUBVU030) In partial fulfillment of the requirement of bachelor of Vocational Degree in Agriculture at Carmel Collage Mala, affiliated to University of Calicut during 2022 - 2023, is record of the bonafide work done under my supervision and guidance.



Fathima
28/4/2023

Fathima fathima N.A

AGRICULTURAL OFFICER
KRISHI BHAVAN
KARALAM
THANISSERY P.O., PIN - 68070

CULTIVATION OF OYSTER MUSHROOM

(Pleurotus ostreatus)

THEERTHANA M.S

(Reg.No : CRAUBVU037)

**VIth Semester Project submitted in partial fulfilment
of the requirement for the award of
Bachelor of vocational Degree in Agriculture**

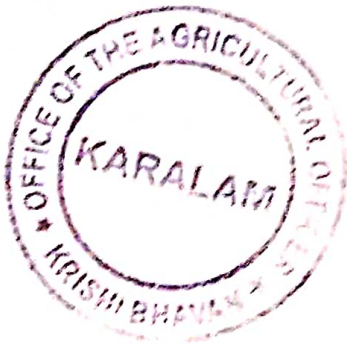


CARMEL COLLEGE MALA

2022- 2023

CERTIFICATE

This is to certify that project titled "CULTIVATION OF OYSTER MUSHROOM (*Pleurotus ostreatus*)" Submitted by THEERTHANA, M. S (Reg no. CRAUEVU037) in partial fulfillment of the requirement of bachelor of Vocational Degree in Agriculture at Carmel Collage Mala, affiliated to University of Calicut during 2022 - 2023, is record of the bonafide work done under my supervision and guidance.



Signature
23/4/2023

Fathima Farha - 102

AGRICULTURAL OFFICER
KRISHI BHAVAN
KARALAM
THANISSERY P.O., PIN - 686701

DIFFERENT ORGANIC CULTIVATION TECHNIQUES OF AMARANTHUS

(Amaranthus cruentus)

Thesis submitted to the

Carmel College, Mala

In partial fulfilment of the award of

B.Voc Degree in Agriculture

Submitted by

NASHIMA V.N

(Reg.No. CRAUBVU026)



**HI TECH INTEGRATED FARM & ORGANIC FARMING
RESEARCH CENTRE**



CARMEL COLLEGE MALA

(NAAC RE-ACCREDITED WITH "A" GRADE)

AFFILIATED TO CALICUT UNIVERSITY, MALAPPURAM

MALA P.O, THRISSUR, KERALA 680732

JANUARY 2023



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HI TECH INTEGRATED FARM &
ORGANIC FARMING RESEARCH CENTRE
PAZHUVIL WEST, THRISSUR DT.
Mob: 98475 83181, 7510766777



This is to certify that **Ms. NASHIMA V.N.** From Department of Vocational Studies Carmel College Mala. Affiliated to the University of Calicut, has undertaken a dissertation work entitled " Different organic Cultivation Techniques of Amaranthus" for Partial Fulfilment of her B.Voc Degree in agriculture at Azeezia Hi Tech integrated farm & organic farming Research Centre. Pazhuvil West, Thrissur Under the Guidance of Mr. P.J. Mathew (Scientist - C Retd Central Silk Board)

The dissertation work comprises both theoretical and practical study in the specified problem and she applied herself into this work sincerely and completed the project successfully.

Manager
Sivaraj M.S.



Date:

Place:

ECONOMIC ANALYSIS OF LENDING THROUGH
JOINT LIABILITY GROUPS FOR AGRICULTURE

By

SREELAKSHMI SAJEEVAN C

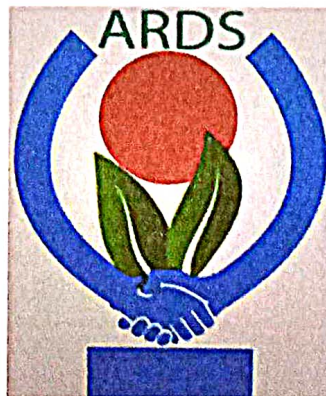
REG NO: CRAUBVU031

SIXTH SEMESTER

PROJECT

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
THE AWARD OF BACHELOR OF VOCATIONAL DEGREE IN
AGRICULTURE

UNIVERSITY OF CALICUT



AGRICULTURE & RURAL DEVELOPMENT SOCIETY

2022 – 2023

CERTIFICATE

This is to certify that project titled " ECONOMIC ANALYSIS OF LENDING THROUGH JOINT LIABILITY GROUPS FOR AGRICULTURE" submitted by SREELAKSHMI SAJEEVAN C (CRAUBVU031) in partial fulfilment of the requirement of bachelor of Vocational Degree in Agriculture at Carmel College, Mala, Affiliated to University of Calicut during 2022-2023, is a record of the bonafide work done by her under my supervision guidance.

DATE:

PLACE:



P.K. PRIYA

PROJECT ASSISTANT
AGRICULTURE & RURAL
DEVELOPMENT SOCIETY



POST HARVESTING TECHNOLOGY OF TEA

Submitted to the
Carmel College, Mala

In partial fulfilment of the award of
B.voc Degree in Agriculture

Submitted by

ASHNA P R
(Reg No.CRAUBVU013)
SIXTH SEMESTER



VANAMOLIKA
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Vanamoolika Samrakshana Sangham



CARMEL COLLEGE, MALA (AUTONOMOUS)

NAAC RE-ACCREDITED WITH 'A' GRADE

AFFILIATED TO CALICUT UNIVERSITY

MALA ,THRISSUR ,KERALA 680732



VANAMOOLIKA

WAYANAD VANAMOOLIKA SAMIRAKSHANA SANGAM

Regd. Off.: Room No. XVI/27, Mullankolly Post,
Pulpally - 673579, Kerala, India

Certificate

This is to certify that Ms. Ashna P R (ERAUBVU013)

Carmel college, Mala, Thrissur has been successfully completed the

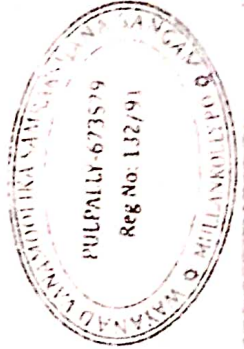
Training Programme on Organic Production, Processing

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harvesting technology of Tea from 19/01/2023 to 30/03/2023 at Vanamoofika

Samrakshana Sangam, Mullenkolly, Pulpally, Wayanad.


President




Training Coordinator

DIFFERENT ORGANIC CULTIVATION TECHNIQUES OF AMARANTHUS

(Amaranthus cruentus)

Thesis submitted to the

Carmel College, Mala

In partial fulfilment of the award of

B.Voc Degree in Agriculture

Submitted by

SHAHINA P.M

(Reg.No. CRAUBVU029)



**HI TECH INTEGRATED FARM & ORGANIC FARMING
RESEARCH CENTRE**



CARMEL COLLEGE MALA

(NAAC RE-ACCREDITED WITH "A" GRADE)

AFFILIATED TO CALICUT UNIVERSITY, MALAPPURAM

MALA P.O, THRISSUR, KERALA 680732

JANUARY 2023



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HI TECH INTEGRATED FARM &
ORGANIC FARMING RESEARCH CENTRE
PAZHUVIL WEST, THRISSUR DT.
Mob: 98475 53181, 7510766777



This is to certify that **Ms. SHAHINA P.M.** From Department of Vocational Studies Carmel College Mala. Affiliated to the University of Calicut, has undertaken a dissertation work entitled "Different organic Cultivation Techniques of Amaranthus" for Partial Fulfilment of her B.Voc Degree in agriculture at Azeezia Hi Tech integrated farm & organic farming Research Centre. Pazhuvil West, Thrissur Under the Guidance of Mr. P.J. Mathew (Scientist - C Retd Central Silk Board)

The dissertation work comprises both theoretical and practical study in the specified problem and she applied herself into this work sincerely and completed the project successfully.

Manager
Sivaraj M.S.



Date:

Place:

**“ NATURAL AND ARTIFICIAL RIPENING AND THEIR EFFECT ON
FRUIT QUALITY OF BANANA (*Musa sp.*) WITH SPECIAL
REFERENCE TO VFPCCK”**

Thesis submitted to the
CARMEL COLLEGE MALA

In partial fulfillment of the award of
B.VOC DEGREE IN AGRICULTURE

Submitted by

ARDRA K.S

(Reg no :- CRAUBVU010)



Vegetable and Fruit Promotion Council, Keralam (VFPCCK)



CARMEL COLLEGE, MALA
(NAAC RE-ACCREDITED WITH 'A' GRADE)
UNIVERSITY OF CALICUT

2022 – 2023

CERTIFICATE

This is to certify that Ms. ARDRA K.S from the Department of Agriculture, Carmel college Mala, affiliated to the University of Calicut, has undertaken a dissertation work entitled “**Natural and artificial ripening and their effect on fruit quality of banana (*Musa sp.*) with special reference to VFPCK**” for partial fulfillment of her B.voc degree in Agriculture at Vegetable and Fruit Promotion Council, Keralam, Thrissur under the guidance of Mrs. Amja A.A, District manager, VFPCK, Thrissur.

The dissertation work comprises of both theoretical and practical study in the specified problem and she has applied herself to this work sincerely and completed the project successfully.

Place :-

Date :-

Mrs. Amja A.A
District Manager
VFPCK, Thrissur

CULTIVATION OF MUSHROOM AND SPAWN PRODUCTION

*Dissertation Submitted to in partial fulfillment of the requirements for the award of the
degree of*

BACHELOR OF VOCATIONAL AGRICULTURE

Of

Calicut University

By

SURYA K M

CRAUBVU035

Under the Guidance of

Dr. SANJU BALAN

Assistant Professor, Department of Plant Pathology

KAU,RARS Pilicode, Kasaragod



DEPARTMENT OF AGRICULTURE

CARMEL COLLEGE ,MALA

THRISSUR

(Nationally Accredited With A Grade)

2022-2023



Phone: 0467 2260633
0467 2260584
E-mail: adrpil@kau.edu

KERALA AGRICULTURAL UNIVERSITY
Regional Agricultural Research Station, Pilicode
Kasaragod, 671310

Dr. Sanju Balan
Assistant Professor (Plant Pathology)

Dated: 05/05/2023

CERTIFICATE

This is to certify that the dissertation entitled "*Mushroom cultivation and spawn production*" submitted to the University of Calicut Kerala in partial fulfillment of the requirements for the award of the Degree of Bachelor of Vocational in Agriculture is a record of the original research work done by Ms. Surya K M., Reg. No.CRAUBVU035., Carmel College, Mala, Thrissur, during November 2022 to December 2022 under my supervision and guidance at Regional Agricultural Research Station, Pilicode, Kerala. It is also certified that no part of the thesis has been submitted elsewhere for any degree or diploma or associate ship or fellowship or other similar title to any candidate in any University.


Signature of the Guide

Pilicode

05/05/2023

DIFFERENT ORGANIC CULTIVATION TECHNIQUES OF AMARANTHUS

(Amaranthus cruentus)

Thesis submitted to the

Carmel College, Mala

In partial fulfilment of the award of

B.Voc Degree in Agriculture

Submitted by

SREELAKSHMI T S

(Reg.No. CRAUBVU032)



**HI TECH INTEGRATED FARM & ORGANIC FARMING
RESEARCH CENTRE**



CARMEL COLLEGE MALA

(NAAC RE-ACCREDITED WITH "A" GRADE)

AFFILIATED TO CALICUT UNIVERSITY, MALAPPURAM

MALA P.O, THRISSUR, KERALA 680732

JANUARY 2023



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ORGANIC FARMING RESEARCH CENTRE
PAZHUVIL WEST, THRISSUR DT.
Mob: 98475 83181, 7510766777



This is to certify that **Ms. SREELAKSHMI T.S.** From Department of Vocational Studies Carmel College Mala. Affiliated to the University of Calicut, has undertaken a dissertation work entitled " Different organic Cultivation Techniques of Amaranthus" for Partial Fulfilment of her B.Voc Degree in agriculture at Azeezia Hi Tech integrated farm & organic farming Research Centre. Pazhuvil West, Thrissur Under the Guidance of Mr. P.J. Mathew (Scientist - C Retd Central Silk Board)

The dissertation work comprises both theoretical and practical study in the specified problem and she applied herself into this work sincerely and completed the project successfully.

Manager
Sivaraj M.S.



Date:

Place:

**“NATURAL AND ARTIFICIAL RIPENING AND THEIR EFFECT ON
FRUIT QUALITY OF BANANA (*Musa sp.*) WITH SPECIAL
REFERENCE TO VFPCK”**

Thesis submitted to the
CARMEL COLLEGE MALA

In partial fulfillment of the award of
B.VOC DEGREE IN AGRICULTURE

Submitted by
ASHIMA THOMAS
(Reg no :- CRAUBVU012)



Vegetable and Fruit Promotion Council, Keralam (VFPCK)



CARMEL COLLEGE, MALA
(NAAC RE-ACCREDITED WITH 'A' GRADE)

UNIVERSITY OF CALICUT

2022 – 2023

CERTIFICATE

This is to certify that Ms. ASHIMA THOMAS from the Department of Agriculture, Carmel college Mala, affiliated to the University of Calicut, has undertaken a dissertation work entitled " Natural and artificial ripening and their effect on fruit quality of banana (*Musa sp.*) with special reference to VFPCCK" for partial fulfillment of her B.Voc degree in Agriculture at Vegetable and Fruit Promotion Council, Keralam, Thirissur under the guidance of Mrs. Anja A.A, District manager, VFPCCK, Thirissur.

The dissertation work comprises of both theoretical and practical study in the specified problem and she has applied herself to this work sincerely and completed the project successfully.

Place :-

Date :-

Mrs. Anja A.A

District Manager

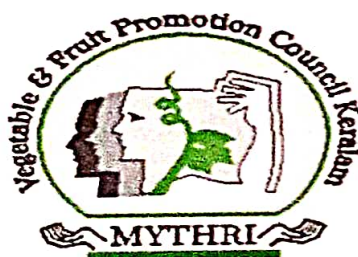
VFPCCK, Thirissur

**“ NATURAL AND ARTIFICIAL RIPENING AND THEIR EFFECT ON
FRUIT QUALITY OF BANANA (*Musa sp.*) WITH SPECIAL
REFERENCE TO VFPCK”**

Thesis submitted to the
CARMEL COLLEGE MALA

In partial fulfillment of the award of
B.VOC DEGREE IN AGRICULTURE

Submitted by
ANJANA T.C
(Reg no :- CRAUBVU008)



Vegetable and Fruit Promotion Council, Keralam (VFPCK)



CARMEL COLLEGE, MALA
(NAAC RE-ACCREDITED WITH 'A' GRADE)
UNIVERSITY OF CALICUT

2022 – 2023

CERTIFICATE

This is to certify that Ms. ANJANA T.C from the Department of Agriculture, Carmel college Mala, affiliated to the University of Calicut, has undertaken a dissertation work entitled “**Natural and artificial ripening and their effect on fruit quality of banana (*Musa sp.*) with special reference to VFPCCK**” for partial fulfillment of her B.voc degree in Agriculture at Vegetable and Fruit Promotion Council, Keralam, Thrissur under the guidance of Mrs. Amja A.A, District manager, VFPCCK, Thrissur.

The dissertation work comprises of both theoretical and practical study in the specified problem and she has applied herself to this work sincerely and completed the project successfully.

Place :-

Date ;-

Mrs. Amja A.A
District Manager
VFPCCK, Thrissur

**AWARENESS AND USE OF KRISHIBHAVAN SERVICE
BY THE FARMERS
(A STUDY OF PORUR KRISHIBHAVAN)**

By

DEVIKA. K

REG. NO CRAUBVU015

SIXTH SEMESTER

PROJECT

**In partial fulfillment of the requirement of the award of
B. VOC DEGREE IN AGRICULTURE**

UNIVERSITY OF CALICUT



CARMEL COLLEGE, MALA

(Nationally accredited with A Grade)

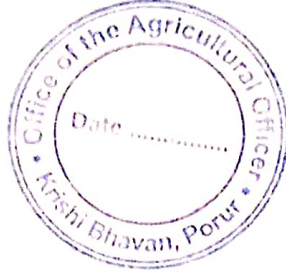
2022-23

CERTIFICATE

This is certified That project titled "AWARENESS AND USE OF KRISHIBHAVAN SERVICE BY THE FARMERS." submitted by DEVIKA. K (CRAUBVU015) in partial fulfilment of the requirements of BACHELOR DEGREE IN AGRICULTURE at Carmel college mala (Autonomous) affiliated to Calicut university during 2020 -23 record of the bonafied work done under my supervision and guidance.

Date : 06.05.2023

Place : PORUR



Aravind
L. S. S.
Agricultural Officer
Krishi Bhavan
Porur - 679 339

**MAJOR PEST AND DISEASES OF HOMESTEADS IN WAYANAD AND
ITS MANAGEMENT**

Thesis submitted to the
Carmel College Mala

In partial fulfilment of the award of

B.VOC Degree in Agriculture

Submitted by

ARADHANA PRAKASAN

(Reg.No. CRAUBVU009)



M.S Swaminathan Research Foundation (MSSRF)



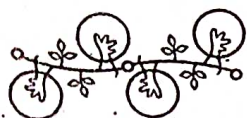
CARMEL COLLEGE, MALA

(NAAC RE ACCREDITED WITH 'A' GRADE)

AFFILIATED TO CALICUT UNIVERSITY, MALAPPURAM

MALA P.O, MALA, THRISSUR, KERALA 680732

NOVEMBER 2023



M S SWAMINATHAN RESEARCH FOUNDATION

Community Agrobiodiversity Centre

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Tel.: +91 4936 20 4477, 20 7019
Fax: +91 4936 20 7019
E-mail: office@mssrfcabc.res.in
www.mssrfcabc.res.in

CERTIFICATE

This is to certify that **Ms. ARADHANA PRAKASHAN** from Department of Vocational Studies, Carmel college Mala, affiliated to the University of Calicut, has undertaken a dissertation work entitled "**Major pest and diseases of homesteads in Wayanad and their management**" for partial fulfilment of her B.Voc Degree in Agriculture at Community Agrobiodiversity Centre, M.S Swaminathan Research Foundation, Wayanad under the guidance of Dr. Archana Bhatt, Scientist, CABc, MSSRF, Wayanad.

The dissertation work comprises both theoretical and practical study in the specified problem and she applied herself into this work sincerely and completed the project successfully.

Kalpetta

Date: 31/03 2023



Shalamma

Dr. Shakeela V

Director, CABc MSSRF

Community Agrobiodiversity Centre

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Chennai, India - 600 113

Tel: 91 44 2254 1898, 2254 2098

Fax: 91 44 2254 1319

**“ENUMERATION AND PROPAGATION STUDIES OF
MEDICINAL SPECIES CONSERVED AT MSSBG”**

A thesis submitted to the

Carmel College Mala

In partial fulfilment of the award of

B.VOC Degree in Agriculture

Submitted by

MEDHA C MUKUNDAN

(Reg.No. CRAUBVU023)

SIXTH SEMESTER PROJECT



M.S Swaminathan Research Foundation (MSSRF)



**CARMEL COLLEGE, MALA
(NAAC RE ACCREDITED WITH 'A' GRADE)
AFFILIATED TO CALICUT UNIVERSITY, MALAPPURAM
MALA P.O, MALA, THRISSUR, KERALA 680732**

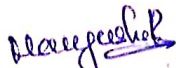
NOVEMBER 2022



CARMEL COLLEGE, MALA
AFFILIATED TO CALICUT UNIVERSITY, MALAPPURAM
(NAAC RE ACCREDITED WITH 'A' GRADE)
MALA P.O, MALA, THRISSUR, KERALA 680732
NOVEMBER 2023

CERTIFICATE

This is to certify that the dissertation entitled "Enumeration And Propagation Studies Of Medicinal Species Conserved At MSSBG" submitted to the University of Calicut, Malappuram in partial fulfilment of the requirement for the award of the degree of Bachelor of vocational studies in Agriculture with a bonafide record of original project work done by Ms. **MEDHA C MUKUNDAN** during the period of her study in the department of Vocational studies, Carmel College Mala, Thrissur under the guidance of **Mrs. C S Dhanya, Scientist, M S Swaminathan Research Foundation (MSSRF) Wayanad**


Mrs. Dr Manjusha Rani
Head of the Department
Department of B.VOC Agriculture

Examiners:

- 1)
- 2)
- 3)

**FAMILIARIZATION WITH MARKETING OF COFFEE (*Coffea canephora*) BY
TRIBES OF SUGANDHAGIRI**

Thesis submitted to the
Carmel College Mala

In partial fulfilment of the award of
B.VOC Degree in Agriculture

Submitted by
THEJASMAY T
(Reg.No. CRAUBVU038)

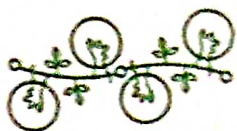


M.S Swaminathan Research Foundation (MSSRF)



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MALA P.O, MALA, THRISSUR, KERALA 680732

NOVEMBER 2022



M S SWAMINATHAN
RESEARCH FOUNDATION

Community Agrobiodiversity Centre

Puthoorvayal PO., Kalpetta, Wayanad, Kerala 673 577

Tel: +91 4936 20 4477, 20 7019

Fax: +91 4936 20 7019

E-mail: office@mssrfcabc.res.in

www.mssrfcabc.res.in

CERTIFICATE

This is to certify that Ms. THEJASMAY T from Department of vocational Studies, Carmel college Mala, affiliated to the University of Calicut, has undertaken a dissertation work entitled "Familiarization with marketing of coffee by tribes of Sugandhagiri" for partial fulfilment of her B.voc Degree in Agriculture at Community Agrobiodiversity Centre, M.S Swaminathan Research Foundation, Wayanad under the guidance of Ms. Gayathri Kalathil Sajeev, Development Associate, CABc, MSSRF, Wayanad

The dissertation work comprises both theoretical and practical study in the specified problem and she applied has herself into this work sincerely and completed the project successfully.

Kalpetta

Date: 31/03 2023



Dr. Shakeela V

Director, CABc MSSRF

Community Agrobiodiversity Centre

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EFFECT OF PINCHING ON YIELD OF AFRICAN MARIGOLD

(Tagetes erecta)

By

ARYA EK

REG NO : CRAUBVU011

SIXTH SEMESTER

PROJECT

**SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENT
FOR THE AWARD OF BACHELOR OF VOCATIONAL DEGREE IN
AGRICULTURE**

UNIVERSITY OF CALICUT



CARMEL COLLEGE MALA

2022 - 2023

CERTIFICATE

This is to certify that project titled "EFFECT OF PINCHING ON YIELD OF AFRICAN MARIGOLD (*Tagetes erecta*)" submitted by ARYA E K (CRAUBVU011) in partial fulfilment of the requirement of bachelor of Vocational Degree in Agriculture at Carmel College, Mala, Affiliated to University of Calicut during 2022-2023, is a record of the bonafide work done by her under my supervision guidance.

Date : 18.04.2023

Place: Mala



Dr. Archana K A

Assistant professor,

Dept. Agriculture

Carmel College Mala

FAMILIARIZATION WITH BIODIVERSITY OF TUBER CROPS IN WAYANAD

Thesis submitted to the
Carmel College Mala

In partial fulfilment of the award of
B.VOC Degree in Agriculture

Submitted by
ANJALIKRISHNA A S
(Reg.No. CRAUBVU006)



M.S Swaminathan Research Foundation (MSSRF)



CARMEL COLLEGE, MALA
(NAAC RE ACCREDITED WITH 'A' GRADE)
AFFILIATED TO CALICUT UNIVERSITY, MALAPPURAM
MALA P.O, MALA, THRISSUR, KERALA 680732

NOVEMBER 2023

FAMILIARIZATION WITH BIODIVERSITY OF TUBER CROPS IN WAYANAD



M S SWAMINATHAN
RESEARCH FOUNDATION

Community Agrobiodiversity Centre

Puthoorayal PO, Kalpetta, Wayanad, Kerala 673 677

Tel: +91 4936 20 4477, 20 7019

Fax: +91 4936 20 7019

E-mail: officer@mssrfcabrc.res.in

www.mssrfcabrc.res.in

CERTIFICATE

This is to certify that Ms. ANJALI KRISHNA A S from Department of Vocational Studies, Carmel college Mala, affiliated to the University of Calicut, has undertaken a dissertation work entitled "Biodiversity of tuber crops in Wayanad" for partial fulfilment of her B.Voc Degree in Agriculture at Community Agrobiodiversity Centre, M.S Swaminathan Research Foundation, Wayanad under the guidance of Dr. Archana Bhatt, Scientist, CABc, MSSRF, Wayanad.

The dissertation work comprises both theoretical and practical study in the specified problem and she applied herself into this work sincerely and completed the project successfully.

Kalpetta

Date: 31/03 2023



Shakeela V

Dr. Shakeela V

Director, CABc MSSRF

Community Agrobiodiversity Centre

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Tel: 91 44 2254 1696, 2254 2099

Fax: 91 44 2254 1319

www.mssrf.org

**“COLLECTION, PROPAGATION AND CONSERVATION OF WILD
ORCHIDS”**

A thesis submitted to the

Carmel College Mala

In partial fulfilment of the award of

B.VOC Degree in Agriculture

Submitted by

KABANI VP

(Reg.No. CRAUBVU021)

SIXTH SEMESTER PROJECT



M.S Swaminathan Research Foundation (MSSRF)



CARMEL COLLEGE, MALA

(NAAC RE ACCREDITED WITH 'A' GRADE)

AFFILIATED TO CALICUT UNIVERSITY, MALAPPURAM

MALA P.O, MALA, THRISSUR, KERALA 680732

NOVEMBER 2022



CARMEL COLLEGE, MALA
AFFILIATED TO CALICUT UNIVERSITY, MALAPPURAM
(NAAC RE ACCREDITED WITH 'A' GRADE)
MALA P.O, MALA, THRISSUR, KERALA 680732
NOVEMBER 2023

CERTIFICATE

This is to certify that the dissertation entitled “**Collection, propagation and conservation of wild orchids**” submitted to the University of Calicut, Malappuram in partial fulfilment of the requirement for the award of the degree of Bachelor of vocational studies in Agriculture with a bonafide record of original project work done by **Ms. KABANI VP** during the period of her study in the department of Vocational studies, Carmel College Mala, Thrissur under the guidance of **Mrs.Archana Bhatt, Scientist, M.S Swaminathan Research Foundation (MSSRF) Wayanad.**

Manjusha B

Mrs. Dr Manjusha Rani

Head of the Department

Department of B.VOC Agriculture

Examiners:

- 1)
- 2)
- 3)

**A Study on the High Intensity fish Cultivation under taken by the
farmers of Palakkad District with special reference to
"Recirculatory Aquaculture System"**

Thesis submitted to the university of Calicut In partial fulfillment of the
requirement for the award of the degree of

Bachelor of Vocational in Agriculture

BY

SYED NOUFA SANOFAR S

(REG.NO. CRAUBVU036)

Under the super vision of

SATHEESH R.

Scientist and Head

Natural Resource Management Division



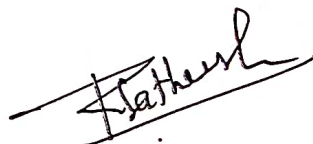
INTEGRATED RURAL TECHNOLOGY CENTRE (IRTC)

Mundur, Palakkad, Kerala

CERTIFICATE

This is certify that the thesis enlisted A study on the high intensity fish cultivation under taken by the farmers of Palakkad district with special reference to "Recirculatory Aquaculture System" being submitted by **Ms. Syed Noufa Sanofar S.**, to the University of Calicut in partial fulfilment of the requirements for award of the Degree of **Bachelor of Vocational in Agriculture** is an authentic record of work carried out by me in the **Integrated Rural Technology Centre (IRTC), Mundur, Palakkad** under the supervision of **Satheesh R.**, Scientist & Head of Natural Resource Management division during November 2022 – March 2023 and No part of the thesis has formed the basis for award of ant degree or diploma earlier.




SATHEESH R.
Scientist and Head
Natural Resource Management



IRTC

Integrated Rural Technology Centre

Grant-in-aid institution of KSCSTE, Government of Kerala



Mundur (PO) Palakkad (Dist.) Kerala-678592



0491 2832663 2832324, 9188183290



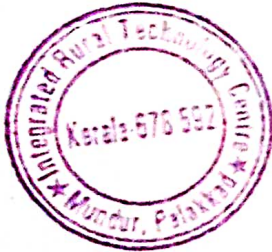
mail@irtc.org.in



www.irtc.org.in

CERTIFICATE

This is certified that the thesis enlisted "A study on the high intensity fish cultivation under taken by the farmers of Palakkad district with special reference to "Recirculatory Aquaculture System" and is an original work done by Ms. Syed Noufa Sanofar S., in the Integrated Rural Technology Centre (IRTC), Mundur, Palakkad under the supervision of Satheesh R., Scientist & Head, Natural Resource Management Division. No part of the thesis has formed the basis for the award of any degree or diploma earlier.



DIRECTOR

Prof.(Dr.)J. SUNDARESAN PILLAI
Director
Integrated Rural Technology Centre
Mundur, Palakkad-678 592, Kerala

CULTIVATION OF OYSTER MUSHROOM

(Pleurotus ostreatus)

By

ANJANALAKSHMI P P

REG NO :- CRAUBVU007

SIXTH SEMESTER

PROJECT

**SUBMITTED IN PARTIAL FULFILLMENT OF THE
REQUIREMENT FOR THE AWARD OF BACHELOR OF
VOCATIONAL DEGREE IN AGRICULTURE**

UNIVERSITY OF CALICUT



CARMEL COLLEGE, MALA

(Nationally Accredited With A Grade)

2022-2023

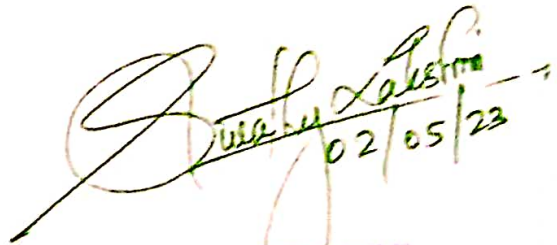
CERTIFICATE

This is to certify that the project titled "CULTIVATION OF OYSTER MUSHROOM (*Pleurotus ostreatus*)" submitted by ANJANALAKSHMI P P (Reg No: CRAUBVU007) in partial fulfillment of the requirement of Bachelor of Vocational Degree in Agriculture at Carmel College, Mala, affiliated to University of Calicut during 2022-2023, is a record of the bonafide work done by here under my supervision and guidance.

Place :

Date :




02/05/23
AGRICULTURAL OFFICER
KRISHI BHAVAN
KODAKARA - 680 684

ZERO BUDGET NATURAL FARMING

Submitted to the
Carmel College, Mala

In partial fulfilment of the award of
B.voc Degree in Agriculture

Submitted by

SAAYOOJA A M
(Reg No. CRAUBVU027)
SIXTH SEMESTER



VANAMOOLIKA
Vanam Kshetram Pradhya Kshetram

Vanamoolika Samrakshana Sangham

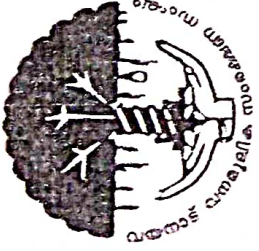


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WAYANAD VANAMOOLIKA SAMRAKSHANA SANGAM

Regd. Off.: Room No. XVI/27, Mullankolly Post,
Pulpally - 673579, Kerala, India

Certificate

This is to certify that Ms. Saayooja A M, (CRAUBVU027)

Carmel college, Mala, Thrissur has been successfully completed the

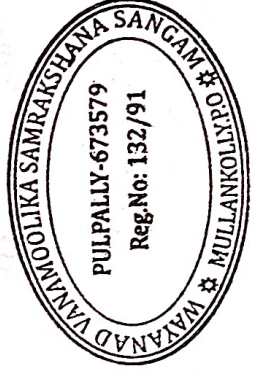
Training Programme on Organic Production, Processing


and Export of Coffee, Spices and Medicinal plants and the academic project on Zero

Budget Farming from 19/01/2023 to 30/03/2023 at Vanamoolika Samrakshana Sangam,

Mullenkolly, Pulpally, Wayanad.


President




Training Coordinator

CULTIVATION OF OYSTER MUSHROOM
(Pleurotus ostreatus)

By

KARTHIKA I S

REG NO :- CRAUBVU022

SIXTH SEMESTER

PROJECT

**SUBMITTED IN PARTIAL FULFILLMENT OF THE
REQUIREMENT FOR THE AWARD OF BACHELOR OF
VOCATIONAL DEGREE IN AGRICULTURE**

UNIVERSITY OF CALICUT



CARMEL COLLEGE, MALA

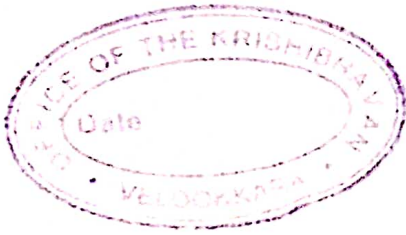
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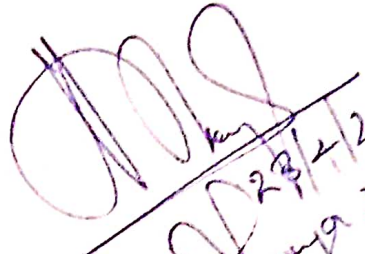
2022-2023

CERTIFICATE

This is to certify that the project titled "CULTIVATION OF OYSTER MUSHROOM (*Pleurotus ostreatus*)" submitted by KARTHIKA. I. S (Reg No: CRAUBVU022) in partial fulfillment of the requirement of Bachelor of Vocational Degree in Agriculture at Carmel College, Mala, affiliated to University of Calicut during 2022-2023, is a record of the bonafide work done by here under my supervision and guidance.

Place: Kadappassery
Date: 28.04.2023




28/4/2023
K. I. S.

Agricultural Officer
Krishi Bhavan, Velookkara
Kadappassery P O

ZERO BUDGET NATURAL FARMING

Submitted to the
Carmel College, Mala

In partial fulfilment of the award of
B.voc Degree in Agriculture

Submitted by

AISWARYA E B
(Reg No. CRAUBVU002)
SIXTH SEMESTER



VANAMOOLIKA

Vanamoolika - The Heart of Nature

Vanamoolika Samrakshana Sangham

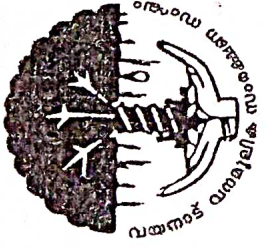


CARMEL COLLEGE, MALA (AUTONOMOUS)

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MALA, THRISSUR, KERALA 680732



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WAYANAD VANAMOOLIKA SAMRAKSHANA SANGAM

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Pulpally - 673579, Kerala, India

Certificate

This is to certify that Ms. Aiswarya EB, (ERABVU002)

Carmel college, Mala, Thrissur has been successfully completed the

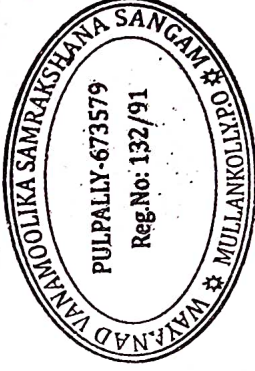
Training Programme on Organic Production, Processing

and Export of Coffee, Spices and Medicinal plants and the academic project on Zero

Budget Farming from 19/01/2023 to 30/03/2023 at Vanamoolika Samrakshana Sangam,

Mullenkolly, Pulpally, Wayanad.


President




Training Coordinator

MASS MULTIPLICATION OF

“Trichoderma viride”

Dissertation Submitted to in partial fulfillment of the requirements for the award of the
degree of

BACHELOR OF VOCATIONAL AGRICULTURE

Of

Calicut University

By

SRUTHI M

CRAUBVU033

Under the Guidance of

Dr. SANJU BALAN

Assistant Professor, Department of Plant Pathology

KAU,RARS Pilicode, Kasaragod



DEPARTMENT OF AGRICULTURE

CARMEL COLLEGE ,MALA

THRISSUR

(Nationally Accredited With A Grade)

2022-2023



Phone: 0467 2260632
0467 2260554
E-mail: adrpl@kau.edu


KERALA AGRICULTURAL UNIVERSITY
Regional Agricultural Research Station, Pilicode
Kasaragod, 671310

Dr. Sanju Balan
Assistant Professor (Plant Pathology)

Dated: 05/05/2023

CERTIFICATE

This is to certify that the dissertation entitled "*Mass production of Trichoderma viride*" submitted to the University of Calicut, Kerala in partial fulfilment of the requirements for the award of the Degree of Bachelor of Vocational in Agriculture is a record of the original research work done by Ms. Sruthi M., Reg. No.CRAUBVU033., Carmel College, Mala, Thrissur, during November 2022 to December 2022 under my supervision and guidance at Regional Agricultural Research Station, Pilicode, Kerala. It is also certified that no part of the thesis has been submitted elsewhere for any degree or diploma or associate ship or fellowship or other similar title to any candidate in any University.


Signature of the Guide

Pilicode

05/05/2023

ECONOMIC ANALYSIS OF LENDING THROUGH
JOINT LIABILITY GROUPS FOR AGRICULTURE

By

ANAGHA V R

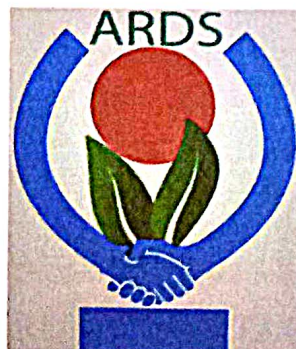
REG NO: CRAUBVU005

SIXTH SEMESTER

PROJECT

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
THE AWARD OF BACHELOR OF VOCATIONAL DEGREE IN
AGRICULTURE

UNIVERSITY OF CALICUT



AGRICULTURE & RURAL DEVELOPMENT SOCIETY

2022 – 2023

CERTIFICATE

This is to certify that project titled " ECONOMIC ANALYSIS OF LENDING THROUGH JOINT LIABILITY GROUPS FOR AGRICULTURE submitted by ANAGHA V R(CRAUBVU005) in partial fulfilment of the requirement of bachelor of Vocational Degree in Agriculture at Carmel College, Mala, Affiliated to University of Calicut during 2022-2023, is a record of the bonafide work done by her under my supervision guidance.

DATE:

PLACE:



P K PRIYA

PROJECT ASSISTANT
AGRICULTURE & RURAL
DEVELOPMENT SOCIETY



**BIOPROSPECTING OF RHIZOSPHERIC BACTERIA ISOLATED
FROM BLACK PEPPER (*Piper nigrum* .L)**

A thesis submitted to the
Carmel College Mala

In partial fulfillment of the award of
B.VOC Degree in Agriculture

Submitted by
NANDANA VIJU
(Reg.no. CRAUBVU025)



M.S Swaminathan Research Foundation (MSSRF)



CARMEL COLLEGE, MALA
(NAAC RE ACCREDITED WITH 'A' GRADE)

AFFILIATED WITH THE UNIVERSITY OF CALICUT, MALAPPURAM

NOVEMBER 2023



M.S. SWAMINATHAN
RESEARCH FOUNDATION

Community Agrobiodiversity Centre

Palpetta - 614 013, Wayanad, Kerala 614 013

Tel: +91 492 20 4477 20 2619

Fax: +91 492 20 2619

E-mail: office@mssrf.org.in

www.mssrf.org.in

CERTIFICATE

This is to certify that Ms. **NANDANA VIJU** from Department of vocational Studies, Carmel College Mala, affiliated to the University of Calicut, has as undertaken a dissertation work entitled "Bioprospecting of rhizospheric bacteria isolated from black pepper (*Piper nigrum* .L)" for partial fulfilment of her B.voc Degree in Agriculture at Community Agrobiodiversity Centre, M.S Swaminathan Research Foundation, Wayanad under the guidance of Mrs.Asiya P. Scientist CABc, MSSRF, Wayanad.

The dissertation work comprises both theoretical and practical study in the specified problem and she applied has herself into this work sincerely and completed the project successfully.

Kalpetta

Date: 31/03 2023



Shalomm

Dr. Shakeela V

Director, CABc MSSRF

Community Agrobiodiversity Centre

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Chennai, India - 600 113

Tel: 91 44 2254 1698 2254 2698

Fax: 91 44 2254 1319

www.mssrf.org

ORGANIC PRESERVATION AND PRACTICES

Submitted to the
Carmel College, Mala

In partial fulfilment of the award of
B.voc Degree in Agriculture

Submitted by

HIIBA V

(Reg No. CRAUBVU018)

SIXTH SEMESTER



VANAMOOLIKA

Healthy People. Wealthy Nature.

Vanamoolika Samrakshana Sangham



CARMEL COLLEGE, MALA (AUTONOMOUS)

NAAC RE-ACCREDITED WITH 'A' GRADE

AFFILIATED TO CALICUT UNIVERSITY

MALA, THIRISSUR, KERALA 680732



VANAMOOLIKA
WAYANAD VANAMOOLIKA SAMRAKSHANA SANGAM

Regd. Off.: Room No. XV/27, Mullankolly Post,
Pulpally - 673579, Kerala, India

Certificate

This is to certify that Ms. Hiba V, (CRAUBVU018)
Carmel college, Mala, Thrissur has been successfully completed the
Training Programme on Organic Production, Processing
and Export of Coffee, Spices and Medicinal plants and the Academic project on organic
peservation and practices from 19/01/2023 to 30/03/2023 at Vanamoolika Samrakshana
Sangam, Mullenkolly, Pulpally, Wayanad.


President




Training Coordinator

ECONOMIC ANALYSIS OF LENDING THROUGH
JOINT LIABILITY GROUPS FOR AGRICULTURE

By

SANJANA M S

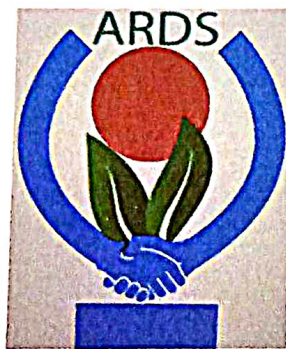
REG NO: CRAUBVU028

SIXTH SEMESTER

PROJECT

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR
THE AWARD OF BACHELOR OF VOCATIONAL DEGREE IN
AGRICULTURE

UNIVERSITY OF CALICUT



AGRICULTURE & RURAL DEVELOPMENT SOCIETY

2022 – 2023

CERTIFICATE

This is to certify that project titled " ECONOMIC ANALYSIS OF LENDING THROUGH JOINT LIABILITY GROUPS FOR AGRICULTURE submitted by SANJANA M S (CRAUBVU028) in partial fulfilment of the requirement of bachelor of Vocational Degree in Agriculture at Carmel College, Mala, Affiliated to University of Calicut during 2022-2023, is a record of the bonafide work done by her under my supervision guidance.

DATE: 22/04/2023

PLACE: THRISSUR



P K PRIYA

PROJECT ASSISTANT
AGRICULTURE & RURAL
DEVELOPMENT SOCIETY



**CROP DIVERSITY AND FARMING PRACTICES OF TRIBAL
COMMUNITY IN WAYANAD**

Thesis submitted to the
Carmel College Mala

In partial fulfilment of the award of
B.VOC Degree in Agriculture

Submitted by

JISNA JOSE

(Reg No. CRAUBVU019)

SIXTH SEMESTER



M.S Swaminathan Research Foundation (MSSRF)



CARMEL COLLEGE, MALA

(NAAC RE ACCREDITED WITH 'A' GRADE)

AFFILIATED TO CALICUT UNIVERSITY, MALAPPURAM

MALA P.O, MALA, THRISSUR, KERALA 680732

NOVEMBER 2022



M S SWAMINATHAN
RESEARCH FOUNDATION

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CERTIFICATE

This is to certify that **Ms. JISNA JOSE** from Department of Vocational Studies, Carmel college Mala, affiliated to the University of Calicut, has undertaken a dissertation work entitled "**Crop diversity and farming practices of tribal community in Wayanad**" for partial fulfilment of her B.voc Degree in Agriculture at Community Agrobiodiversity Centre, M.S. Swaminathan Research Foundation, Wayanad under the guidance of Dr. Archana Bhatt, Scientist, CABc, MSSRF, Wayanad

The dissertation work comprises both theoretical and practical study in the specified problem and she applied herself into this work sincerely and completed the project successfully.

Kalpetta

Date: 31/03 2023



Shakeela V

Dr. Shakeela V

Director, CABc MSSRF

Community Agrobiodiversity Centre

OUR VISION: An eco sensitive self-reliant society empowered in conservation and sustainable & equitable utilization of biodiversity. OUR MISSION: Achieve social prosperity through conservation, enhancement and sustainable & equitable use of biological diversity by adopting and disseminating economically viable, ecologically sensitive and socially inclusive approaches & processes.

Registered Office

3rd Cross Road

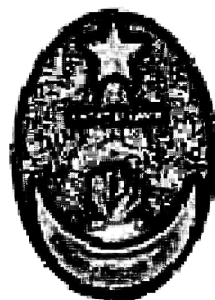
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CARMEL COLLEGE, MALA
AFFILIATED TO CALICUT UNIVERSITY, MALAPPURAM
(NAAC RE ACCREDITED WITH 'A' GRADE)
MALA P.O, MALA, THRISSUR, KERALA 680732
NOVEMBER 2022

CERTIFICATE

This is to certify that the dissertation entitled "Familiarization with cultivation practices of Coffee (*Coffea canephora*) by tribes of "Sugandhagiri" submitted to the University of Calicut, Malappuram in partial fulfillment of the requirement for the award of degree of Bachelor of vocational studies in Agriculture with a bonafide record of original project work done by Ms. GANGA K S during the period of her study in the department of Vocational studies, Carmel College Mala, Thrissur under the guidance of MS. Gayathri Kalathil Sajeev, Development Associate, Swaminathan Research Foundation (MSSRF) Wayanad


Mrs. Dr Manjusha Rani
Head of the Department
Department of B.VOC Agriculture

DATE:

PLACE: MALA

DECLARATION

I GANGA K S hereby declare the dissertation work entitled "Familiarization with cultivation practices of Coffee (*Coffea canephora*) by tribes of "Sugandhagiri" submitted to Calicut University in partial fulfilment of the requirement for the award of degree of Bachelors of vocational studies in Agriculture, is a record original work done by me under supervision and guidance MS. Gayathri Kalathil Sajeev, Development Associate, Swaminathan Research Foundation (MSSRF) Community Agrobiodiversity Centre, Wayanad, and that no part of this work has been published previously or submitted to the award of Degree in any university.


Ganga K S

ORGANIC PEST AND DISEASE MANAGEMENT

Submitted to the
Carmel College, Mala

In partial fulfilment of the award of
B.Voc Degree in Agriculture

Submitted by

JOSNA JOY
(Reg No. CRAUBVU020)
SIXTH SEMESTER



VANAMOOLIKA

Health By People, Healthy People

Vanamoolika Samrakshana Sangham



CARMEL COLLEGE, MALA (AUTONOMOUS)

NAAC RE-ACCREDITED WITH 'A' GRADE

AFFILIATED TO CALICUT UNIVERSITY

MALA, THRISSUR, KERALA 680732



VANAMOOLIKA

WAYANAD VANAMOOLIKA SAMRAKSHANA SANGAM

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Pulpally - 673579, Kerala, India

Certificate

This is to certify that Ms. Josna Joy, (CRAUBVU020)

Carmel college, Mala, Thrissur has been successfully completed the

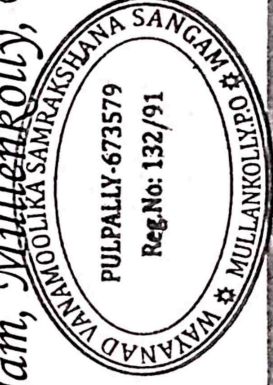
Training Programme on Organic Production, Processing

and Export of Coffee, Spices and Medicinal plants and the accademic project on Organic Pest

and Disease Management from 19/01/2023 to 30/03/2023 at Vanamoolika Samrakshana

Sangam, Mullankolly, Pulpally, Wayanad.


President




Training Coordinator