



ST. THOMAS COLLEGE

Ranni, Pathanamthitta, Kerala - 689673

ACCREDITED BY NAAC WITH ' B ' GRADE

3.5.1 : Number of MoUs, Collaborations / linkages for Faculty exchange, Student exchange, Internship, Field trip, on-the-job training, research and other academic activities

2017 - 2018

CRITERION : 3

**RESEARCH, INNOVATIONS
AND EXTENSIONS**



3.5.1. Summary of Functional MoU's/Linkages/Collaborations 2017-2018

No	MoU/Linkage/Collaboration	Start Date	End Date	Nature
1	Internship for Project work Dept of Chemistry, St. Thomas College Ranni & Cochin University of Science and Technology	11/05/2018	12/07/2018	MSc Project- Ms. Athira T.A under the supervision of Dr. Bipinbal P.K
2	Internship for Project work Dept of Chemistry, St. Thomas College Ranni & Cochin University of Science and Technology	11/05/2018	11/07/2018	MSc Project- Ms. Arya P.B under the supervision of Dr. G.Madhu
3	Internship for Project work Dept of Chemistry, St. Thomas College Ranni & Cochin University of Science and Technology	11/05/2018	11/07/2018	MSc Project- Ms Shamna Sherin.K under the supervision of Dr. G.Madhu
4	Internship for Project work Dept of Chemistry, St. Thomas College Ranni &Amal Jyothi College of Engineering, Koovapally	11/05/2018	11/07/2018	MSc Project- Ms Rintu Jacob under the supervision of Dr. Soney C George
5	Internship for Project work Dept of Chemistry, St. Thomas College Ranni & Akay Aromatics	07/05/2018	12/05/2018	MSc Project-Reshma Raj
6	Internship for Project work Dept of Chemistry, St. Thomas College Ranni &Amal Jyothi College of Engineering, Koovapally	11/05/2018	11/07/2018	MSc Project- Ms Shaminey P.S under the supervision of Dr. Soney C George
7	Internship for Project work Dept of Chemistry, St. Thomas College Ranni &Indian Institute of Technology Kanpur	07/04/2017	05/06/2017	MSc Project- Pratheesh K Prinson under the supervision of Manas. K .Ghorai
8	Internship for Project work Dept of Chemistry, St. Thomas College Ranni & Cochin University of Science and Technology	11/05/2018	12/07/2018	MSc Project- Ms. Sreelakshmi P.K under the supervision of Dr. Bipinbal P.K
9	Internship for Project work Dept of Chemistry, St. Thomas College Ranni &Rubco Hawaii Chappel Factory	10/04/2018	09/05/2018	MSc Project-Mr. MSc Project- Akshaykumar P.K
10	Internship for Project work	07/05/2018	12/05/2018	MSc Project-Mridula



ST. THOMAS COLLEGE, RANNI

	Dept of Chemistry, St. Thomas College Ranni& Akay Aromatics			Mohan
11	Internship for Project work Dept of Chemistry, St. Thomas College Ranni&Regional Agricultural Research Station Pattambi	10/04/2018	30/05/2018	MSc Project-Suma .M under the supervision of Dr.Thulasi V , Dr Moosa P.P
12	Internship for Project work Dept of Physics , St Thomas College Ranny& Christian College Chenganoor	10/04/2018	22/06/2018	MSc Project-Amritha V.K under the supervision of Dr. R Jayakrishnan
13	Linkage Department of Commerce and Anna Aluminium and Kitex Garments	4/8/2017	4/8/2017	Industrial Visit
14	Collaboration Collaboration between St. Thomas College Ranny& St Thomas College Kozhencherry	4/8/2016	4/8/2021	Sharing resources
15	Collaboration Collaboration between Dept of Botany, St. Thomas College Ranny& Ambolil Aryavaidyasala	08/08/2017	08/08/2018	Providing plant materials for students for project work/identification of plants



Proof for INTERNSHIP - PROJECT WORK

Sl.No	NAME OF THE STUDENT
1	Athira T A
2	Arya P B
3	Shamna Sherin K
4	Rintu jacob
5	Reshmi raj
6	Shamini P S
7	Pratheesh K prinson
8	Sreelakshmi K R
9	Akshay Kumar P K
10	Mridula Mohan
11	Suma M
12	Amrita V K



ST. THOMAS COLLEGE, RANNI

INTERNSHIPS - PROJECT WORKS

PROJECT WORK - 1

POLYANILINE COATED CELLULOSIC MICROFIBRE
COMPOSITES BASED ON NATURAL RUBBER: ELECTRICAL
PROPERTIES AND THERMAL STABILITY

A project report submitted to the Mahatma Gandhi University in
partial fulfillment for the degree of Master of Science in Chemistry

Done at

Polymer Science and Rubber Technology, CUSAT

By

ATHIRA.T.A

Register number : 160011006117



DEPARTMENT OF CHEMISTRY

ST. THOMAS COLLEGE

RANNI



PROJECT WORK - 1



Department of Polymer Science &
Rubber Technology

കോളിമർ-റബ്ബർ ശാസ്ത്ര സാങ്കേതിക വിഭാഗം

Cochin University of Science & Technology

കൊച്ചി ശാസ്ത്ര സാങ്കേതിക സർവ്വകലാശാല

Professor & Head

DPR1.18 HOD/18-19

12.07.2018

CERTIFICATE

This is to certify that the project entitled "POLYANILINE COATED CELLULOSIC MICRO FIBRE COMPOSITES BASED ON NATURAL RUBBER: ELECTRICAL PROPERTIES AND THERMAL STABILITY" is a report of original work carried out by Ms. Athira T A, under the supervision of Dr. Bipinbal P K, Post Doctoral Fellow, Department of Polymer Science and Rubber Technology, for a period of two months. No part of the work reported in this project has been presented for any other degree from any other institution.

Dr. Bipinbal P. K.

(Supervising Guide)

Prof. Dr. HONEY JOHN

(HEAD OF THE DEPARTMENT)



ST. THOMAS COLLEGE, RANNI

PROJECT WORK - 2

***“OPTIMISATION OF OPERATING
PARAMETERS DURING FENTON PROCESS
FOR THE REMOVAL OF MALACHITE GREEN
DYE FROM WATER”***



*Dessertation submitted to University of Mahatma Gandhi in partial fulfilment of
the requirements for the Master of Degree.*

By

ARYA P B

160011006116

Guided By

Prof. Dr. G. Madhu

School of Engineering

CUSAT

***DEPARTMENT OF CHEMISTRY
ST. THOMAS COLLEGE RANNI***



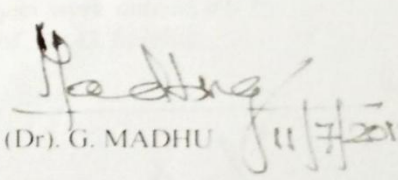
PROJECT WORK - 2



**DIVISION OF CHEMICAL ENGINEERING
SCHOOL OF ENGINEERING
COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY
KOCHI - 682 022, KERALA, INDIA**

CERTIFICATE

Certified that this is a bonafide record of the project work entitled **"OPTIMISATION OF OPERATING PARAMETERS DURING FENTON PROCESS FOR THE REMOVAL OF MALACHITE GREEN DYE FROM WATER"** carried out by Miss. Arya P B, Reg. No. 160011006116 in partial fulfilment of the requirements for the award of the Degree of Master of Science in Chemistry of Mahatma Gandhi University. This work was carried out under my supervision and guidance and no part of this work has been presented for any other degree or diploma earlier.


Prof. (Dr). G. MADHU

Professor & Head
Division of Chemical Engineering
School of Engineering
Cochin University of
Science and Technology
Kochi - 682 022, Kerala

Phone: 0484-2862180, Email: hodchengg@gmail.com



ST. THOMAS COLLEGE, RANNI

PROJECT WORK - 3

**OPTIMISATION OF OPERATING PARAMETERS
DURING FENTON PROCESS FOR THE REMOVAL
OF PHARMACEUTICAL COMPOUND
MEFENAMIC ACID FROM WATER**



*Dissertation submitted to University of Mahatma Gandhi in partial fulfilment of
the requirements for the Master of Degree.*

By

SHAMNASHERIN K

160011006123

Guided By

Prof. Dr. G. Madhu
School of Engineering
CUSAT

DEPARTMENT OF CHEMISTRY
ST. THOMAS COLLEGE RANNI



PROJECT WORK -3



DIVISION OF CHEMICAL ENGINEERING
SCHOOL OF ENGINEERING

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY
KOCHI - 682 022, KERALA, INDIA

CERTIFICATE

Certified that this is a bonafide record of the project work entitled
*"OPTIMISATION OF OPERATING PARAMETERS DURING FENTON
PROCESS FOR THE REMOVAL OF PHARMACEUTICAL COMPOUND
MEFENAMIC ACID FROM WATER"* carried out by Miss. Shamna Sherin
K, Reg. No. 160011006123 in partial fulfilment of the requirements for the
award of the Degree of Master of Science in Chemistry of Mahatma Gandhi
University. This work was carried out under my supervision and guidance and
no part of this work has been presented for any other degree or diploma earlier.

Prof. (Dr). G. MADHU

Professor & Head
Division of Chemical Engineering
School of Engineering
Cochin University of
Science and Technology
Kochi - 682 022, Kerala

Phone: 0484-2862180, Email: hodchengg@gmail.com



ST. THOMAS COLLEGE, RANNI

PROJECT WORK - 4

*PERVAPORATION PERFORMANCE OF GRAPHITE REINFORCED
SILICONE RUBBER COMPOSITE*

Project report

Submitted to Mahatma Gandhi University

*In partial fulfillment of the requirement for the degree of
Master of Science in Chemistry*

BY

RINTU JACOB

Reg. No: 160011006121

2016-2018



POST GRADUATE DEPARTMENT OF CHEMISTRY
ST. THOMAS COLLEGE RANNI

Under the Guidance of

DR. SONEY C GEORGE

AMAL JYOTHI COLLEGE OF ENGINEERING
KOOVAPPALLY



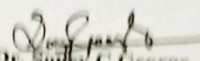
AMAL JYOTHI
COLLEGE OF ENGINEERING

PROJECT WORK - 4

Certificate

I certify that this is a bonafide record of the project work entitled "PERVAPORATION PERFORMANCE OF GRAPHITE REINFORCED SILICONE RUBBER COMPOSITES" carried out by RINTU JACOB, Reg no: 160011006121 in partial fulfillment of requirement for the Degree of Master of Science in Pure Chemistry of Mahatma Gandhi University. This work was carried out under my supervision and guidance and that no part of this work has been presented for any other degree or diploma earlier.

Kanjirappally
11.07.2018


Dr. Soney C George
(Supervising Teacher)

Dr. SONEY C. GEORGE
Professor of Chemistry & Director of Research
Nanoscience & Technology
Amal Jyothi College of Engineering & Technology
Koovappally P. O.,
Kottayam, Kerala-686 512

Affiliated to
Amal Jyothi
Technological University,
Kerala

Approved by
Amal Jyothi
Technological University

Address
Amal Jyothi
College of Engineering
Kanjirappally
Koovappally P. O.,
Kottayam, Kerala
Pin - 686 512

☎ +91 8228 39946
☎ +91 8228 30935
☎ +91 8228 35136
✉ info@amalyothi.ac.in

www.amalyothi.ac.in

Accredited by



'A' Grade

A CHRISTIAN MINORITY INSTITUTION
MANAGED BY THE CATHOLIC DIOCESE OF KANJIRAPPALLY



PROJECT WORK - 5

A COMPARATIVE STUDY OF PEPPER FROM VARIOUS
COUNTRIES

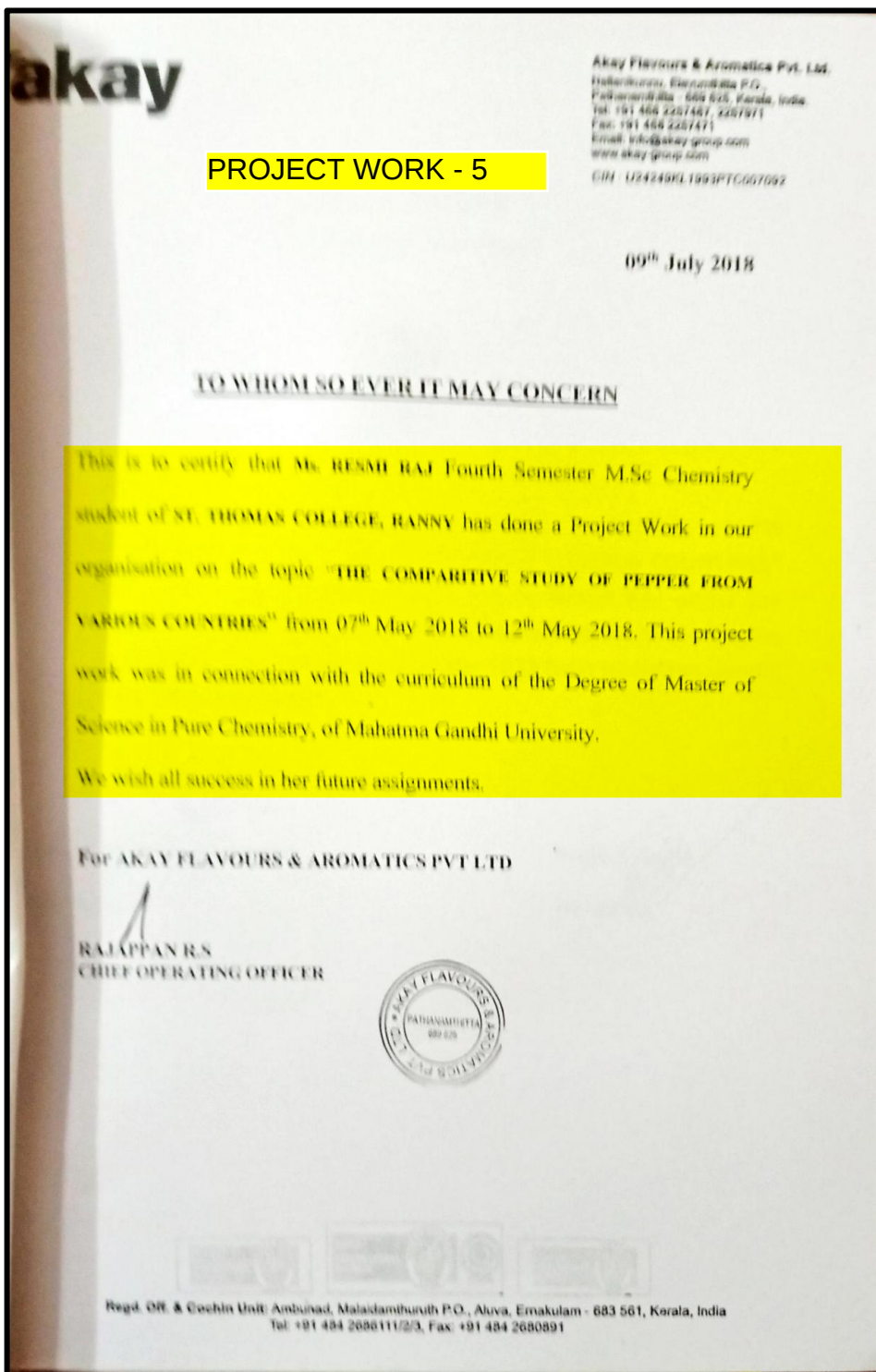
A
THE MAHATMA GANDHI UNIVERSITY
IN Partial Fulfillment of the requirements for the
Award of the Degree of
THE MASTER OF SCIENCE IN CHEMISTRY
By
RESMI RAI



Department of Chemistry
St. Thomas College Ranni-689673
Year 2016-2018



ST. THOMAS COLLEGE, RANNI





ST. THOMAS COLLEGE, RANNI

PROJECT WORK - 6

**BLUE LUMINESCENCE FROM
NATURAL SOURCES LOADED WITH
CARBON NANOPARTICLE**



ST. THOMAS COLLEGE, RANNI

*Project report submitted to Mahatma Gandhi University in partial fulfillment of
the requirement for the Degree of Master of Science in Chemistry*

BY

SHAMINI P.S

Reg. No.160011006122

Under the guidance of

Dr. Soney C George

Professor of chemistry

Amal Jyothi College of Engineering

Kottayam

POST - GRADUATE DEPARTMENT OF CHEMISTRY

ST. THOMAS COLLEGE, RANNI



PROJECT WORK - 6

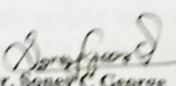


AMAL JYOTHI
COLLEGE OF ENGINEERING

Certificate

I certify that this is a bonafide record of the project work entitled "BLUE LUMINESCENCE FROM NATURAL SOURCE LOADED WITH NANOPARTICLE " carried out by SHAMINI P.S, Reg No.160011006122 in partial fulfillment of requirement for the Degree of Master of Science in Pure Chemistry of Mahatma Gandhi University. This work was carried out under my supervision and guidance and that no part of this work has been presented for any other degree or diploma earlier.

Kanjirappally
04.07.2018


Dr. Soney C. George
(Supervising Teacher)

Dr. SONEY C. GEORGE
Professor of Chemistry & Director Center for
Nanoscience & Technology
Amal Jyothi College of Engineering
Koozappally P. O.
Kottayam, Kerala-686 518

Affiliated to
APJ Abdul Kalam
Technological University
Kerala

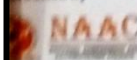
Approved by
AICTE New Delhi

Address
Amal Jyothi
College of Engineering
Kanjirappally
Koozappally P.O.
Kottayam, Kerala
India Pin - 686 518

+ 91 4828 305500
+ 91 4828 305555
+ 91 4828 251136
info@amalyothi.ac.in

www.amalyothi.ac.in

Accredited by



'A' Grade

A CHRISTIAN MINORITY INSTITUTION
MANAGED BY THE CATHOLIC DIOCESE OF KANJIRAPPALLY



PROJECT WORK - 7

**SYNTHESIS OF ACTIVATED AZETIDINE &
REACTION WITH INDOLE**

A PROJECT REPORT SUBMITTED TO
THE MAHATMA GANDHI UNIVERSITY, KOTTAYAM, KERALA
IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR
THE AWARD OF DEGREE OF
MASTER OF SCIENCE IN CHEMISTRY



Under the guidance of
Prof. MANAS K. GHORAI
Department of Chemistry
IIT Kanpur



Submitted by
PRATHEESH K PRINSON
Reg. No. 160011006119

Department of Chemistry
ST. THOMAS COLLEGE, RANNI
PATHANAMTHITTA – 689673



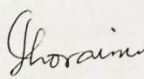
PROJECT WORK - 7

INDIAN INSTITUTE OF TECHNOLOGY KANPUR

CERTIFICATE

This is to certify that the project entitled "SYNTHESIS OF AZETIDINES AND REACTION WITH INDOLES" submitted by PRATHESHEK PRINSON (2nd semester M.Sc. Chemistry, St. Thomas College, Ranni, Pathanamthitta) was carried out by him under my supervision at Indian Institute of Technology Kanpur. He worked on this project from 7th April 2017 to 5th June 2017 (60 days).

I.I.T Kanpur
10th June 2017


Prof. Manas K. Ghorai
Department of Chemistry
Indian Institute of Technology
Kanpur -208016



ST. THOMAS COLLEGE, RANNI

PROJECT WORK - 8

**POLY PARAPHENYLENE DIAMINE COATED CELLULOSIC
MICROFIBRE COMPOSITES BASED ON NATURAL
RUBBER: ELECTRICAL PROPERTIES AND THERMAL
STABILITY**

Project report submitted to the Mahatma Gandhi University in partial
fulfillment for the degree of Master of Science in Chemistry

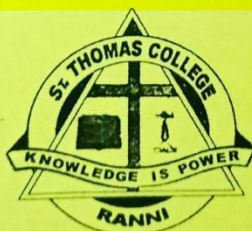
Done at

Polymer Science and Rubber Technology, CUSAT

By

SREELAKSHMI.K.R

Register number: 160011006124



DEPARTMENT OF CHEMISTRY

ST. THOMAS COLLEGE

RANNI



PROJECT WORK - 8



Department of Polymer Science & Rubber Technology
കോച്ചിൻ - നെയ്തർ ശാസ്ത്ര സാങ്കേതിക വിദ്യാലയം
Cochin University of Science & Technology
കോച്ചി ശാസ്ത്ര സാങ്കേതിക സർവ്വകലാശാല

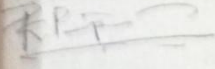
Professor & Head

DEPT 18/HOD/18-19

12/07/2018

CERTIFICATE

This is to certify that the project entitled "POLY PARA PHENYLENE DIAMINE COATED CELLULOSIC MICROFIBRE COMPOSITES BASED ON NATURAL RUBBER: ELECTRICAL PROPERTIES AND THERMAL STABILITY" is a report of original work carried out by Ms. Sreelakshmi K. R. under the supervision of Dr. Bipinbal P. K. Post Doctoral Fellow, Department of Polymer Science and Rubber Technology, for a period of two months. No part of the work reported in this project has been presented for any other degree from any other institution.


Dr. Bipinbal P. K.
(Supervising Guide)


Prof. Dr. HONEY JOHN
(HEAD OF THE DEPARTMENT)

Kochi, Kerala, India, Pin - 682 022, Tel.: 0484 2575723, Email: hodpart@gmail.com, hodpart@cusat.ac.in, Web: http://ipart.cusat.ac.in



ST. THOMAS COLLEGE, RANNI

PROJECT - 9

KERALA STATE RUBBER CO-OPERATIVE LTD.

RUBCO INDUSTRIAL COMPLEX

Valiyavelicham, Mooriyad P.O., Kuthuparamba, Kannur Dist, Kerala, India- 670643

Phone : +91 490 2364824, 2364823, 2364823 Telefax : +91 490 2364822

Web : www.rubcogroup.com



Ref No: RUB/RIC/A&P/IP/CER 12/2018 -19

14th July 2018

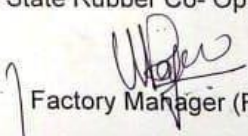
TO WHOM IT MAY CONCERN

This is to certify that **Mr. Akshay Kumar P K (Reg No: 160011006115), MSc Chemistry Student of St.Thomas College , Ranni** has successfully completed a Project in the subject " **The effect of Precipitated Calcium Carbonate on the Critical Properties of the Strap Compound**" at Rubco Hawaii Chappal Factory , Valiyavelicham, Kuthuparamba for a period of 30 days from 10.04.2018 to 09.05.2018.

We wish him all the best for future Endeavour's

For Kerala State Rubber Co- Op Ltd

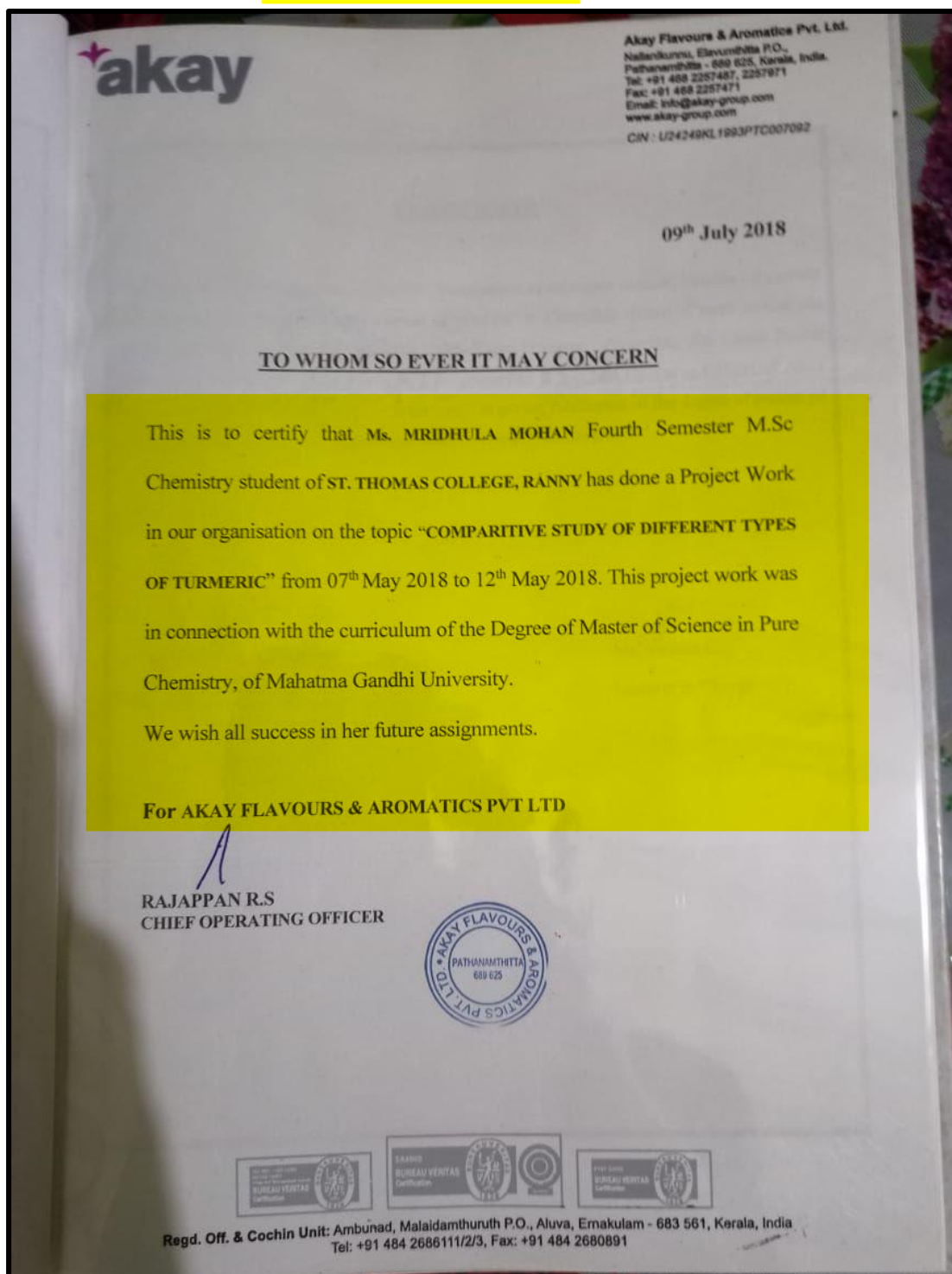



Factory Manager (RIC)

Head Off : Rubco House, South Bazar, Kannur-670 002, Kerala State, India.
Phone: 91- 497 2709749, 2701908 Fax : 91- 497 - 2711030
Website : www.rubcogroup.com E-mail: info@rubcogroup.com



PROJECT WORK - 10

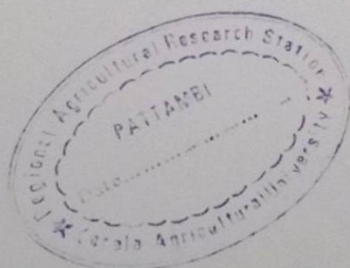




PROJECT WORK - 11

CERTIFICATE

This is to certify that the project entitled "EFFECT OF MICRONUTRIENT SEED PRIMING ON NUTRIENT PROFILE OF COWPEA SEEDS" is a record of the original work done by SUMA. M, MSc.CHEMISTRY student, St.THOMAS COLLEGE, RANNI, at the Department of the Soil Science, Regional Agricultural Research Station, Pattambi, under the guidance of Dr. Thulasi V and Dr. Moosa P.P during April-May 2018 .The above work was done for the partial fulfilment of degree of Master of Science in Chemistry of the Mahatma Gandhi University, and no part there has been presented before for the award of any degree of any university.



Thulasi V
10/07/18
Dr. Thulasi V.
Assistant Professor
Project Supervisor
Soil Science
Regional Agricultural Research Station
Kerala Agricultural University
Pattambi



ST. THOMAS COLLEGE, RANNI

PROJECT WORK - 12

GREEN SYNTHESIS OF SILVER NANOPARTICLES
AND ITS PHOTOCATALYTIC ACTIVITY

PROJECT REPORT

Submitted to MAHATMA GANDHI University

In partial fulfillment of the requirements for the

Award of the degree of

MASTER OF SCIENCE

IN

PHYSICS

AMRITHA V.K

Reg.No-160011007821



DEPARTMENT OF PHYSICS
ST.THOMAS COLLEGE RANNI

2016-2018



PROJECT WORK - 12

CERTIFICATE

This is to certify that the dissertation entitled “Green Synthesis of Silver Nanoparticles and Its Photocatalytic Activity” was carried by Ms. Amritha V. K, under the guidance of Dr. R. Jayakrishnan Research Guide, Post-graduate & Research Department of Physics, Christian College Chengannur and Smt. Anju Joseph, Department of Physics, St, Thomas College, Ranni in partial fulfillment for the degree of masters in science at Christian College Chengannur, Kerala University.

Project Guides

Smt. Anju Joseph
(Internal Guide)

Department of Physics
St. Thomas College, Ranni

Dr. R. Jayakrishnan
(External Guide)

Research Guide
Department of Physics,
Christian College Chengannur

Place: Ranni

Date:

External Examiner

1. Dr. Kaathika S

2. Jini K Jose



ST. THOMAS COLLEGE, RANNI

Proof for linkage

Industrial visit



**INDUSTRIAL VISIT AT ANNA ALUMINIUM AND KITEX
GARMENTS LIMITED**

As part of the industrial visit, the Third semester students of B.com (2015-2018) students along with two faculty members of Department of Commerce visited Anna Aluminium and Kitex Garments Limited of Anna Group, an ISO 9007-2008 certified company, at Kizhakkambalam on 4th August 2017. Anna Group started out as an aluminium product manufacturer over 43 years ago. At Anna Aluminium machine power as well as manpower is utilized for making products. The moulding of vessels is done by group of skilled workers. Kitex Garments Limited uses automated weaving machines. For stitching and quality checking they use manpower. The employees of both industries are very dedicated and pleasing. They interacted with the students and explained how the whole process is going on smoothly.





ST. THOMAS COLLEGE, RANNI

POST GRADUATE DEPARTMENT OF COMMERCE ST THOMAS COLLEGE RANNI

INDUSTRIAL VISIT 2017-2018

LIST OF STUDENTS

- 1 Seenu s Many
- 2 Hebin Abraham
- 3 Thomas Paulose
- 4 Liju Thomas
- 5 Divya Lekshmi. B
- 6 siya saju
- 7 Arjun Soman
Reshma
- 8 Reghunathan
- 9 Aparna sasindran
- 10 Bijo K Thomas
- 11 Alan john philio
- 12 Veena K.M
- 13 Smera.C
- 14 Ayoob Latheef
- 15 Binta Mathew
- 16 Manju prakash
Midhula Sara
- 17 Mathew
- 18 Christy Reji
Reshma Becky
- 19 Eapen
- 20 ATHULYA NAIR
- 21 Nandu T.Nandanan
- 22 SANU K SABU
- 23 Seenu s Many
- 24 Rony George
- 25 Annu stepehn
- 26 Keerthy Mohan
- 27 Vimal thamby
- 28 Amal krishna
- 29 Anshana shajahan
- 30 Manisha Madhu



Jikku James
faculty coordinator



ST. THOMAS COLLEGE, RANNI

COLLABORATIONS

Collaboration between St. Thomas College, Ranni and St. Thomas College, Kozhencherry



St. Thomas College, Ranni

PAZHAVANGADI P.O., RANNI, KERALA, INDIA - 689 673

Re-Accredited at B Level by NAAC

(Affiliated to Mahatma Gandhi University, Kottayam, Kerala)

e-mail:- stcranni@gmail.com, www.stc.ranni.ac.in

Ph : 8301057965

Collaboration

Date:

This Collaboration has been made and executed at Ranni on the 4th day of August, year Two Thousand and sixteen, [04.08.2016]

BETWEEN

ST. THOMAS COLLEGE, Ranni, Pathanamthitta- 689673 established in the year 1964. The College is affiliated to **Mahatma Gandhi University, Kottayam**. This College is involved in reaching the unreached through scientific dissemination of knowledge through outreach programs, community-based interventions, field studies, etc.

AND

ST. THOMAS COLLEGE, Kozhencherry, established in the year 1953; The College is affiliated to **Mahatma Gandhi University, Kottayam**, the college provides a sublime and conducive natural ambience for attaining academic eminence.

Both the institutions have agreed upon

1. Sharing resources and expertise and organise and conduct programmes and lectures in both colleges on selected topics from syllabi.
2. Extend free usage of resources of their respective departments for the benefit of each other.

AUTHORISATION

The signing of this document is a formal undertaking. It implies that the signatories will strive to reach, to the best of their ability, the scope and terms stated in the agreement. The agreement may be extended by mutual consent of the two parties after the Five - year period, and it must be renewed in writing. This Agreement place no financial obligations or supplementary funding commitments on either party.

On behalf of the organization I represent, I wish to sign this document and contribute to its development

1. Name: Dr. Rigy Idiculla

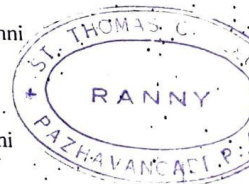
Title: Hod, Department of Political Science, St. Thomas College, Ranni

Date: 04.08.2016

2. Name: Dr George Alex

Title: Hod, Department of Political Science, St. Thomas College, Ranni

Date: 04.08.2016





ST. THOMAS COLLEGE, RANNI



St. Thomas College, Kozhencherry

Established in 1953 | Reaccredited by NAAC with Grade A

Affiliated to Mahatma Gandhi University, Kottayam

www.stthomascollege.info

Kozhencherry P.O., Pathanamthitta Dist., Kerala State, Pincode: 689 641

Collaboration

This Collaboration has been made and executed at Ranni on the 4th day of August, year Two Thousand and sixteen, [04.08.2016]

BETWEEN

ST. THOMAS COLLEGE, Ranni, Pathanamthitta- 689673 established in the year 1964. The College is affiliated to **Mahatma Gandhi University, Kottayam**. This College is involved in reaching the unreached through scientific dissemination of knowledge through outreach programs, community-based interventions, field studies, etc.

AND

ST. THOMAS COLLEGE, Kozhencherry, established in the year 1953, The College is affiliated to **Mahatma Gandhi University, Kottayam**, the college provides a sublime and conducive natural ambience for attaining academic eminence.

Both the institutions have agreed upon

1. Sharing resources and expertise and organise and conduct programmes and lectures in both colleges on selected topics from syllabi.
2. Extend free usage of resources of their respective departments for the benefit of each other.

AUTHORISATION

The signing of this document is a formal undertaking. It implies that the signatories will strive to reach, to the best of their ability, the scope and terms stated in the agreement. The agreement may be extended by mutual consent of the two parties after the Five - year period, and it must be renewed in writing. This Agreement place no financial obligations or supplementary funding commitments on either party.

On behalf of the organization I represent, I wish to sign this document and contribute to its development

1. Name: Dr George Alex

Title: Hod, Department of Political Science, St. Thomas College, Ranni

Date: 04.08.2016

2. Name: Dr. Rigy Idiculla

Title: Hod, Department of Political Science, St. Thomas College, Ranni

Date: 04.08.2016

George Alex
04/8/16

Idiculla
04/8/2016



Tel: 0468-2214566 Mob: +91 9497445575

E-mail: stthomaskozhy@gmail.com

FOR THE GREATER GLORY OF GOD



ST. THOMAS COLLEGE, RANNI

Proof for activity under Collaboration between St.Thomas College, Ranni and St.Thomas College, Kozhencherry





ST. THOMAS COLLEGE, RANNI



St. Thomas College, Kozhencherry

Established in 1953 | Reaccredited by NAAC with Grade A

Affiliated to Mahatma Gandhi University, Kottayam

www.stthomascollege.info

Kozhencherry P.O., Pathanamthitta Dist., Kerala State, Pincode: 689 641

Kozhencherry

08.09.2016

Certificate

This is to certify that Smt Rigy Idiculla, Assistant Professor, Department of Political Science, St Thomas College, Ranni, delivered a lecture on the Topic 'Democracy: Concepts and Principles' for the students of the department of History at St Thomas College, Kozhencherry on 8/9/2016. The department is grateful to her for the informative class she took on Democracy.

Dr. George K. Alex

(HOD in Charge)

Department of History &

Political Science



Tel: 0468-2214566 Mob: +91 9497445575

E-mail: stthomaskozhy@gmail.com

✠ FOR THE GREATER GLORY OF GOD ✠



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Rigy Idiculla

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George K. Alex

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ST. THOMAS COLLEGE, RANNI

Collaboration between Ambolil Aryavaidyasala and Department of Botany,
St.Thomas College, Ranni



St. Thomas College, Ranni

PAZHAVANGADI P.O., RANNI, KERALA, INDIA - 689 673

Re-Accredited at B Level by NAAC

(Affiliated to Mahatma Gandhi University, Kottayam, Kerala)

e-mail:- stcranni@gmail.com, www.stc.ranni.ac.in

Ph : 8301057965

Date: 08.08.2017

Collaborative Agreement

Department of Botany, St. Thomas College, Ranni appreciates the opportunity to collaborate with Ambolil Aryavaidyasala, Puthuval Pathanapuram, Pathanamthitta-689695 (An ISO 9001:2015), in consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which both St. Thomas College, Ranni, and Ambolil Aryavaidyasala shall encourage interaction between faculty members and students. Ambolil Aryavaidyasala will provide plant materials for the students of botany for their project work and the college will provide technical guidance in the form of proper identification of plants for the collaborating partner.

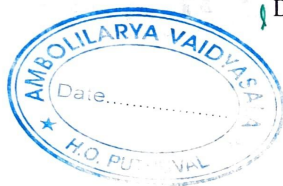
The duration of the agreement shall be for a period of 1 year from the effective date. During this tenancy, the agreement may be extended or terminated by prior notice of not less than one month by either party. There are no binding commitments placed on either party by virtue of this collaboration.

We look forward to this collaboration.

Dr. Devi Priya M.

Department of Botany

St. Thomas College, Ranni



Dr. Oommen Mathew BAMS

Proprietor



ST. THOMAS COLLEGE, RANNI

Collaboration between Aryavaidyaśala and Department of Botany, St. Thomas College, Ranni



GST IN:32AGSPM5610J1Z9

Ph: 04734 299958
9497489284

AMBOLIL ARYAVAIDYASALA

PUTHUVAL, PATHANAPURAM P.O - 689 695
Manufacturing L.No: 30/25D/96

08.08.2017

Ref:

Collaborative Agreement Date:

Ambolil Aryavaidyaśala, Puthuval, Pathanapuram, Pathanamthitta-689695 (An ISO 9001:2015) appreciates the opportunity to collaborate with Department of Botany, St. Thomas College, Ranni in consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which Ambolil Aryavaidyaśala and St. Thomas College, Ranni shall encourage interaction between faculty members and students. Ambolil Aryavaidyaśala will provide plant materials for the students of botany for their project work and the college will provide technical guidance in the form of proper identification of plants for the collaborating partner.

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We look forward to this collaboration.

✓ Dr. Oommen Mathew BAMS
Proprietor

Dr. Devi Priya M.

Department of Botany
St. Thomas College, Ranni





Proof for activity under the Collaboration between
Ambolil Aryavaidyasala and Dept. of Botany

Department of Botany

St. Thomas College

Pazhavangadi P.O., Ranni, Pathanamthitta- 689673

E-mail – botanydeptstcranni@gmail.com

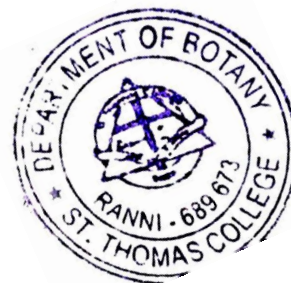
Ref.....

31.03.2018
Date

CERTIFICATE

This is to certify that Ambolil Aryavaidyasala, Puthuval, PathanPazhavangadi PO, Rannypuram provided the plant materials necessary for the project works of the students during the academic year 2017-18

DEVIPRIYA M.
Assistant Professor of Botany
St. Thomas College
Pazhavangadi P.O, Ranni - 689 673
Pathanamthitta
E-mail: devi.priya.m@gmail.com





ST. THOMAS COLLEGE, RANNI

Proof for activity under Collaboration between Department of Botany and Ambolil Aryavaidyasala

**Preliminary phytochemical screening of
medicinal plants *Murraya koenigii* (L.)
Spreng. and *Moringa oleifera* Lam**

Dissertation

submitted to the Mahatma Gandhi University

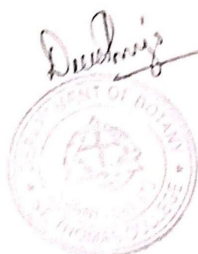
in partial fulfilment of the requirements for the degree of

Bachelor of Science in Botany

BY

Abhijith Gopi

PRN 150021082001



DEPARTMENT OF BOTANY
ST. THOMAS COLLEGE, RANNI
PATHANAMTHITTA
March 2018

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ST. THOMAS COLLEGE, RANNI

PRELIMINARY PHYTOCHEMICAL SCREENING OF
MEDICINAL PLANTS, "*Murraya koenigii* (L.)
Spreng. AND *Moringa oleifera* Lam."

A PROJECT REPORT

Submitted to

Mahatma Gandhi University

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

BACHELOR OF SCIENCE IN BOTANY

Submitted by

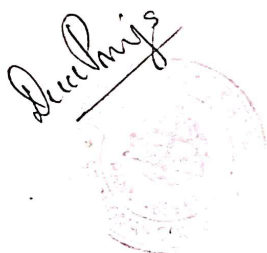
ANJU JAYAN

Reg no: 150021082004

Under the guidance of

Sandhya Susan Alex

DEPARTMENT OF BOTANY



ST. Thomas College, Ranni

November 2017

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Recd
20/11/18



ST. THOMAS COLLEGE, RANNI

PRELIMINARY PHYTOCHEMICAL SCREENING OF
MEDICINAL PLANTS, "*Murraya koenigii* (L.)
Spreng. AND *Moringa oleifera* Lam."

A PROJECT REPORT

Submitted to

Mahatma Gandhi University

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

BACHELOR OF SCIENCE IN BOTANY

Submitted by

ANJU SHAJI

Reg no: 150021082005

Under the guidance of

Sandhya Susan Alex

DEPARTMENT OF BOTANY



Dec 10/17



ST. Thomas College, Ranni

November 2017

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ST. THOMAS COLLEGE, RANNI

PRELIMINARY PHYTOCHEMICAL SCREENING OF
MEDICINAL PLANTS. "*Murraya koenigii* (L.)
Spreng. AND *Moringa oleifera* Lam."

A PROJECT REPORT

Submitted to

Mahatma Gandhi University

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

BACHELOR OF SCIENCE IN BOTANY

Submitted by

ALFINA K. A.

Reg no: 150021082010

Under the guidance of

Sandhya Susan Alex

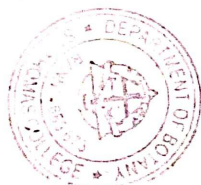
DEPARTMENT OF BOTANY



Dec 14/17

ST. Thomas College, Ranni

November 2017



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ST. THOMAS COLLEGE, RANNI

PRELIMINARY PHYTOCHEMICAL SCREENING OF
MEDICINAL PLANTS, "*Murraya koenigii* (L.)
Spreng. AND *Moringa oleifera* Lam."

A PROJECT REPORT

Submitted to

Mahatma Gandhi University

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

BACHELOR OF SCIENCE IN BOTANY

Submitted by

ANJU RAJAN

Reg. no: 150021082011

Under the guidance of

Sandhya Susan Alex

DEPARTMENT OF BOTANY



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ST. Thomas College, Ranni

November 2017



ST. THOMAS COLLEGE, RANNI

PRELIMINARY PHYTOCHEMICAL SCREENING OF
MEDICINAL PLANTS, *Ocimum sanctum* L. AND
Azadirachta indica A.Juss.

A PROJECT REPORT

Submitted to

Mahatma Gandhi University

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

BACHELOR OF SCIENCE IN BOTANY

Submitted by

ARYA MOL K. R.

Reg no: 150021082013

Under the guidance of

Sandhya Susan Alex

DEPARTMENT OF BOTANY



ST. Thomas College, Ranni

November 2017



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ST. THOMAS COLLEGE, RANNI

PRELIMINARY PHYTOCHEMICAL SCREENING OF
MEDICINAL PLANTS, *Ocimum sanctum* L. AND
Azadirachta indica A.Juss.

A PROJECT REPORT

Submitted to

Mahatma Gandhi University

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

BACHELOR OF SCIENCE IN BOTANY

Submitted by

ASHNA RACHEL THOMAS

Reg no: 150021082015

Under the guidance of

Sandhya Susan Alex

DEPARTMENT OF BOTANY



ST. Thomas College, Ranni

November 2017

Submitted

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ST. THOMAS COLLEGE, RANNI

PRELIMINARY PHYTOCHEMICAL SCREENING OF
MEDICINAL PLANTS, *Ocimum sanctum* L. AND
Azadirachta indica A. Juss.

A PROJECT REPORT

Submitted to

Mahatma Gandhi University

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

BACHELOR OF SCIENCE IN BOTANY

Submitted by

JERIN V. GEORGE

Reg no: 150021082022

Under the guidance of

Sandhya Susan Alex

DEPARTMENT OF BOTANY



ST. Thomas College, Ranni

November 2017

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ST. THOMAS COLLEGE, RANNI

PRELIMINARY PHYTOCHEMICAL SCREENING OF
MEDICINAL PLANTS, *Ocimum sanctum* L. AND
Azadirachta indica A.Juss.

A PROJECT REPORT

Submitted to

Mahatma Gandhi University

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

BACHELOR OF SCIENCE IN BOTANY

Submitted by

RENU PAUL

Reg no: 150021082025

Under the guidance of

Sandhya Susan Alex

DEPARTMENT OF BOTANY



ST. Thomas College, Ranny

November 2017



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PRELIMINARY PHYTOCHEMICAL SCREENING OF
MEDICINAL PLANTS, *Ocimum sanctum* L. AND
Azadirachta indica A.Juss.

A PROJECT REPORT

Submitted to

Mahatma Gandhi University

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

BACHELOR OF SCIENCE IN BOTANY

Submitted by

TISS ABRAHAM

Reg no: 150021082031

Under the guidance of

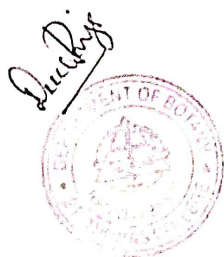
Sandhya Susan Alex

DEPARTMENT OF BOTANY



ST. Thomas College, Ranny

November 2017



Valued
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St. Thomas College, Ranni

PAZHAVANGADI P.O., RANNI, KERALA, INDIA - 689 673

Re-Accredited at B Level by NAAC

(Affiliated to Mahatma Gandhi University, Kottayam, Kerala)

e-mail:- stcranni@gmail.com, www.stc.ranni.ac.in

Ph : 8301057965

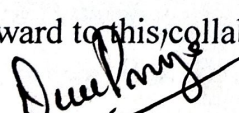
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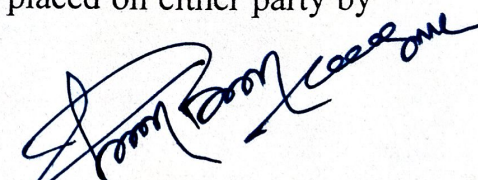
Collaborative Agreement

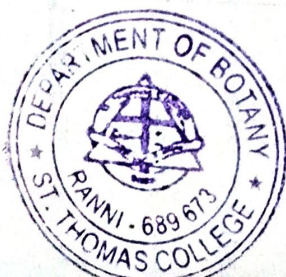
St. Thomas College, Ranni appreciates the opportunity to have collaboration with Mushroom Research and Development Organization, Chenganur, in consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which St. Thomas College, Ranni and Mushroom Research and Development Organization, Chenganur shall encourage interaction between faculty members and students. This collaborative agreement is to confirm our mutual interest in 'Mushroom Cultivation'. Mushrooms are edible fungi. Through this collaboration, we aimed to impart cultivation techniques of mushrooms to undergraduate students. The programme will make use of the expertise of faculty members of the collaborating departments in mushroom cultivation technology. The primary focus of this programme is to understand different types of edible mushrooms as well as to identify poisonous mushrooms. This type of well-defined research-oriented programme will inculcate the student insights about undergraduate research in life sciences.

The duration of the agreement shall be for a period of 1 year from the effective date. During this tenancy, the agreement may be extended or terminated by prior notice of not less than one month by either party. There are no binding commitments placed on either party by virtue of this collaboration.

We look forward to this collaboration.


DEVIPRIYA M.
Assistant Professor of Botany
St. Thomas College
Pazhavangadi P.O, Ranni - 689 673
Pathanamthitta
E-mail: devi.priya.m@gmail.com


Chief Executive Officer
Mushroom Research and Development Organization





MUSHROOM RESEARCH AND DEVELOPMENT ORGANIZATION®

National Development Organization Registered Ministry of MSME Coirboard Govt. of India

CHENGANNUR, Ph: 0479 245 4054

E-mail: cgmrd@gmail.com, FB: facebook.com/mrdo.in, Website: www.mrdo.in

Ref. CA/09/2017-18

Date: 22.02.2018

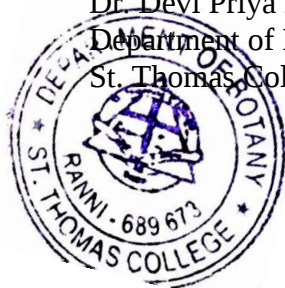
COLLABORATIVE AGREEMENT

Mushroom Research and Development Organization (MRDO), Chengannur, appreciates the opportunity to have collaboration with St. Thomas College, Ranni, in consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which both MRDO and St. Thomas College, Ranni shall encourage interaction between faculty members and students. This collaborative agreement is to confirm our mutual interest in 'Mushroom Cultivation'. Mushrooms are edible fungi. Through this collaboration, we aimed to impart cultivation techniques of mushrooms to undergraduate students. The programme will make use of the expertise of faculty members of the collaborating departments in mushroom cultivation technology. The primary focus of this programme is to understand different types of edible mushrooms as well as to identify poisonous mushrooms. This type of well-defined research-oriented programme will inculcate the student insights about undergraduate research in life sciences.

The duration of the agreement shall be for a period of 1 year from the effective date. During this tenancy, the agreement may be extended or terminated by prior notice of not less than one month by either party. There is no binding commitments placed on either party by virtue of this collaboration.

We look forward to this collaboration

Dr. Devi Priya M.
Department of Botany
St. Thomas College, Ranni



Chief Executive Officer
Mushroom Research and Development Organization

Dr. Binu N. Das
Director
MRDO, Chengannur



ST. THOMAS COLLEGE, RANNI

ST. THOMAS COLLEGE

Ranni, Pathanamthitta, Kerala - 689673



DEPARTMENT OF BOTANY

ORGANIZES

HANDS ON TRAINING ON MUSHROOM CULTIVATION

By

Dr. Francis Mathew
Assistant Professor in Botany
St. Thomas College, Ranni

At Seminaar Hall on 15/02/2018



ST. THOMAS COLLEGE, RANNI

As a community extension activity, the Department of Botany conducted a hands-on training on Mushroom cultivation on 15th February 2018. Dr. Francis Mathew was the resource person to give training to the participants. The training programme was for 2 hours, and a formal meeting was held at 10.30 am. At 1.00 pm the training programme came to an end. 21 participants from various parts of Pathanamthitta took part in the training programme. We gave spawn at free of cost to the participants to cultivate the oyster mushrooms at their homes.



DEVI PRIYA M.

Assistant Professor of Botany
St. Thomas College
Pathanamthitta P.O. Ranni - 689693
Pathanamthitta
E-mail: devipriya.ms@gmail.com





Demonstration of Mushroom cultivation Technique



2017 - 2018
HANDS ON TRAINING ON MUSHROOM CULTIVATION
LIST OF PARTICIPANTS.

Sl. No.	Name	Address	Signature
1.	Saxamma John	Maxarayil (H), Naxanammoozhy (P.O) Madanthamon	
2.	Santhasivan	Uthradam, Vellasserikara P.O. pethanamthitta 689622 Ph: 9447387237	
3.	Elsy Abraham	Chazivaparambil, Keekozhoor P.O Keekozhoor	
4.	Mini Abraham	Aaroni House, Makkapuzha P.O Plethary	
5.	C.K. Thomas	Cheriyamuzhyil, Angadi P.O, Ranni	
6.	Sajini	Anjali Nilayam, Omalloor P.O. Omalloor.	
7.	Sreya Pradeep.	Pullinikunnam (H) chethackal P.O, Ranni.	
8.	Bindhu Sarjayan.	Kizhakethil, chethackal P.O, Ranni	
9.	Sobhana	Kizhakethil, chethackal P.O, Ranni	
10.	Usha Rajeev	kizhakethil, chethackal P.O. Ranni.	
11.	Suja	Thudamanni (H), Angadi P.O, Ranni	



ST. THOMAS COLLEGE, RANNI

Department of Botany 2017 - 2018

Sl. No.	Name	Address	Signature
12	Juny Rony	Thekkanthil, Angali (P.O), Ranni	
13.	Riku Kuziakose	Pazhagattur (H), Naxarammudi P.O Adikkayam	
14.	Revathy S. Prabha.	Thekkethil (H), Chellackadu P.O, Ranni	
15.	Geethumol V.R.	Vayalankal (H), Mukkada P.O. Ponthenpuzha.	
16.	Sulphiya N.H	Nadukkamuzhi (H), Channampathal (P.O), Vazhoor	
17.	Archana Joseph	Pakkunel (H), Mammood P.O Changanacherry.	
18.	Feba Sara George	Kulanyaramedom (H), Vechoochira P.O Pathanamthitta	
19.	Sushbi A. Nair	Chenelavilassam, Vaipar p.o Pathanamthitta	
20	Chippy A.S.	Athulya Nivas, Manduram po Ranni	
21	Sheja Abraham	Thothrampal (H), Naranganam (P.O) Pathanamthitta.	

DEVIPRIYA M.
Assistant Professor of Botany
St. Thomas College
P.O. Ranni - 689 673
Email: priya.m@gmail.com

