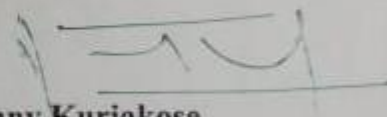


CERTIFICATE

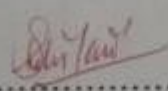
This is to certify that project report titled "**DETERMINATION OF LYCOPENE CONTENT IN WATERMELON AND TOMATO**" is an authentic record of the project work carried out by Mr. Vishnu P Vijayan, Reg. No.130021023582 in partial requirements for the award of the Bachelor's degree in Chemistry of M G University under my guidance and supervision during 2013-2016.



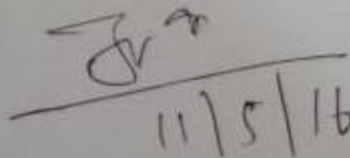
Dr. Jose K Xavier
Department of Chemistry
St. Thomas College, Pala



Dr. Sunny Kuriakose
Head of the Dept of Chemistry
St. Thomas College, Pala

Valued By:.....


Date :.....
11/5/16



11/5/16

CERTIFICATE

This is to certify that project report titled "DETERMINATION OF LYCOPENE IN VARIOUS FRUITS" is an authentic record of the project work was carried out by Mr.SHINAF KS. (Reg no:130021023581) in partial requirements for award of the Bachelor's degree in chemistry of M.G University under my guidance and supervision during 2013-2016.

Josek

Dr. jose. K. xavier

Department of Chemistry

St. Thomas College pala

[Signature]

Dr.Sunny Kuriakose Msc

Hed of the Dept of Chemistry

St.Thomas College Pala

Valued By:

Date:

Valued

[Signature]
11/5/16

[Signature]

CERTIFICATE

This is to certify that the project report entitled **Some Experiments in Green Chemistry-6** is an authentic record of the project work carried out by **Mr. Sebin Sebastian** under my supervision and guidance during 2015-2016 in partial fulfilment of the requirements for the award of the degree of Bachelor of Science in Chemistry of the Mahatma Gandhi University, Kottayam. The work presented in this project report has not been submitted for any degree or diploma earlier.

Dr.G.D. Gem Mathew
(Supervising Teacher)
Associate Professor
Department Of Chemistry
St.Thomas College, Pala

Countersigned by

Dr. Sunny Kuriakose
Head of Department of Chemistry
St.Thomas College,Pala

Pala
29.04.2016

Valued
Dr. Sebin
11/5/16

Sebin
11/5/16

CERTIFICATE

This is to certify that the project report entitled **Some Experiments in Green Chemistry-6** is an authentic record of the project work carried out by **Mr. Sebastian Jose** under my supervision and guidance during 2015-2016 in partial fulfilment of the requirements for the award of the degree of Bachelor of Science in Chemistry of the Mahatma Gandhi University, Kottayam. The work presented in this project report has not been submitted for any degree or diploma earlier.

Dr.G.D. Gem Mathew
(Supervising Teacher)
Associate Professor
Department Of Chemistry
St.Thomas College, Pala

Countersigned by

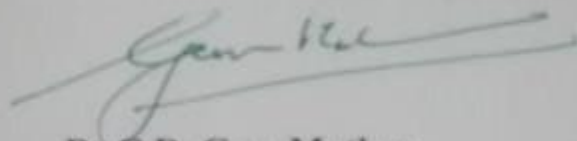
Dr. Sunny Kuriakose
Head of Department of Chemistry
St.Thomas College, Pala

Pala
29.04.2016

Valuey
302
11/5/16
Sebastian Jose
11/5/16

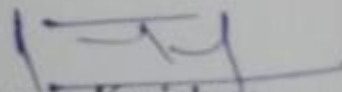
CERTIFICATE

This is to certify that the project report entitled **Some Experiments in Green Chemistry-6** is an authentic record of the project work carried out by **Mr. Sarath P.S.** under my supervision and guidance during 2015-2016 in partial fulfilment of the requirements for the award of the degree of Bachelor of Science in Chemistry of the Mahatma Gandhi University, Kottayam. The work presented in this project report has not been submitted for any degree or diploma earlier.



Dr.G.D. Gem Mathew
(Supervising Teacher)
Associate Professor
Department Of Chemistry
St.Thomas College, Pala

Countersigned by



Dr. Sunny Kuriakose
Head of Department of Chemistry
St.Thomas College,Pala

Pala
29.04.2016

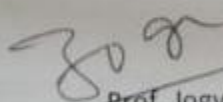
Valued

Sarath P.S.
11/5/16

Sunny
11/5/16

CERTIFICATE

This is to certify that the project report entitled MICRO OVEN ASSISTED REACTION is an authentic record of the project work carried out by Mr. Santhanu.S.Kumar under my supervision and guidance during 2015-2016 in partial fulfillment of the requirement for the award of the degree of bachelor of science in chemistry of the Mahatma Gandhi University, Kottayam. The work presented in this projected report has not been submitted for any degree or diploma earlier.

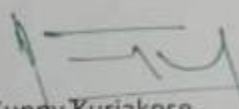

Prof. Jogy Alex

(Supervising Teacher)

Associate professor

Department of Chemistry

Countersigned by

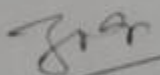

Dr. Sunny Kuriakose

Head of the Department of Pala
Chemistry

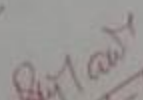
St. Thomas Colleg, Pala

Pala

Date: 10.05.2016

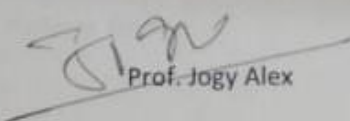

11/5/16

Valued


11/5/16

CERTIFICATE

This is to certify that the project report entitled MICRO OVEN ASSISTED REACTION is an authentic record of the project work carried out by Mr. Rony Augustine under my supervision and guidance during 2015-2016 in partial fulfillment of the requirement for the award of the degree of bachelor of science in chemistry of the Mhatma Gandhi University, Kottayam. The work presented in this projected report has not been submitted for any degree or diploma earlier.


Prof. Jogy Alex

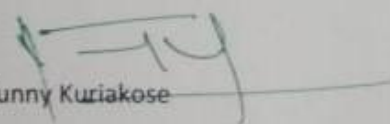
(Supervising Teacher)

Associate professor

Department of Chemistry

Countersigned by

Valued
Sunil kumar
11/5/16


Dr. Sunny Kuriakose

Head of the Department of Pala
Chemistry

St. Thomas Colleg, Pala

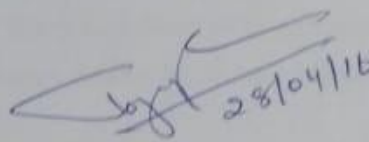
Jan
11/5/16

Pala

Date : 10/05/2016

CERTIFICATE

This is to certify that the project report entitled "*Comparative Study and Qualitative Analysis of different brands of Cold Drinks available in market*" is an authentic report of the project work carried out by **Mr. NITHIN THOMAS** Reg No. **130021023571** in partial fulfillment of the project work for the award of the degree of Bachelor of Science in Chemistry of Mahatma Gandhi University under my guidance and supervision during 2015-2016.



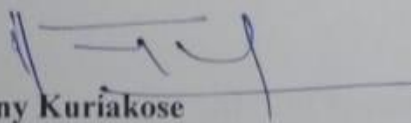
Mr. Tojo Joseph

Assistant professor

Department of chemistry

St. Thomas College,

Counter signed by,



Dr. Sunny Kuriakose

Head of the Department of Chemistry

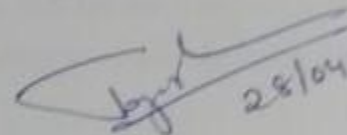
St. Thomas College, Pala

Valued
Dr. Sunny Kuriakose
11/5/16

Tojo
11/5/16

CERTIFICATE

This is to certify that the project report entitled "*Comparative Study and Qualitative Analysis of different brands of Cold Drinks available in market*" is an authentic report of the project work carried out by **Mr. NANDU S PALLATH** Reg No. 130021023570 in partial fulfillment of the project work for the award of the degree of Bachelor of Science in Chemistry of Mahatma Gandhi University under my guidance and supervision during 2015-2016.



28/04/16

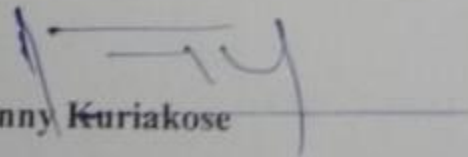
Mr. Tojo Joseph

Assistant professor

Department of chemistry

St. Thomas College,

Counter signed by,



Dr. Sunny Kuriakose

Head of the Department of Chemistry

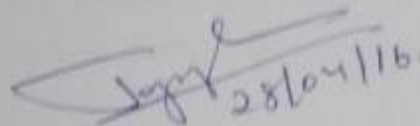
St. Thomas College, Pala

Valued
Nandu S Pallath
11/5/16

Tojo
11/5/16

CERTIFICATE

This is to certify that the project report entitled "*Comparative Study and Qualitative Analysis of different brands of Cold Drinks available in market*" is an authentic report of the project work carried out by **Mr. Muhammed Siyad E A** Reg No. **130021023569** in partial fulfillment of the project work for the award of the degree of Bachelor of Science in Chemistry of Mahatma Gandhi University under my guidance and supervision during 2015-2016.



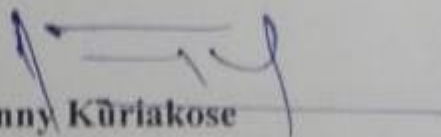
Mr. Tojo Joseph

Assistant professor

Department of chemistry

St. Thomas College,

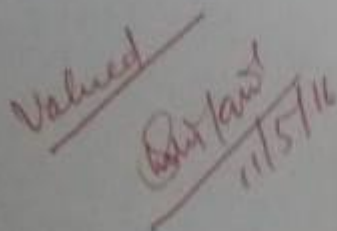
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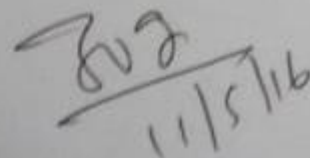
Dr. Sunny Kuriakose

Head of the Department of Chemistry

St. Thomas College, Pala



Valued
11/5/16



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ST. THOMAS COLLEGE

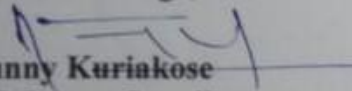
U.G.C. APPROVED COLLEGE WITH POTENTIAL FOR EXCELLENCE

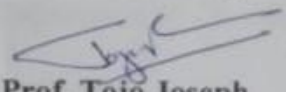
ARUNAPURAM P.O., PALAI-686574, KERALA, INDIA.

(RE-ACCREDITED IN A GRADE BY NAAC)

CERTIFICATE

This is to certify that the project report entitled "A study on casein and lactose content in different milk samples" is submitted by **Mr. Mathew Bejoy Reg No. 130021023568** to St. Thomas College, Palai (Affiliated to M.G. University) in partial fulfilment of the requirement for the award of **Bachelor of Science degree in Chemistry** during a period 2015- 2016 is an authentic account of the work carried out under the supervision and guidance of **Prof. Tojo Joseph**, Assistant Professor, Department of Chemistry, St. Thomas College, Palai.


Dr. Sunny Kuriakose
HOD & Course Coordinator,
Department of Chemistry


Prof. Tojo Joseph
(Guide)
Assistant Professor
Department of Chemistry

Examiners 1 *Valued*

2 *11/5/16*

Tojo
11/5/16



ST. THOMAS COLLEGE

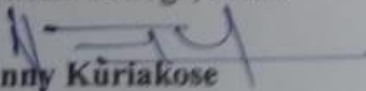
U.G.C. APPROVED COLLEGE WITH POTENTIAL FOR EXCELLENCE

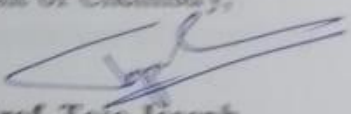
ARUNAPURAM P.O., PALAI-686574, KERALA, INDIA.

(RE-ACCREDITED IN A GRADE BY NAAC)

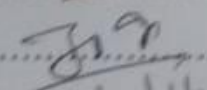
CERTIFICATE

This is to certify that the project report entitled "A study on casein and lactose content in different milk samples" is submitted by Mr. Markose Joshy Reg No. 130021023567 to St. Thomas College, Palai (Affiliated to M.G. University) in partial fulfillment of the requirement for the award of Bachelor of Science degree in Chemistry during a period 2015- 2016 is an authentic account of the work carried out under the supervision and guidance of Prof. Tojo Joseph, Assistant Professor, Department of Chemistry, St. Thomas College, Palai.


Dr. Sunny Kuriakose
HOD & Course Coordinator,
Department of Chemistry


Prof. Tojo Joseph
(Guide)
Assistant Professor
Department of Chemistry

Examiners 1 

2 

11/5/16



ST. THOMAS COLLEGE

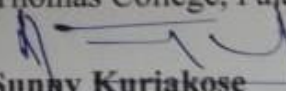
U.G.C. APPROVED COLLEGE WITH POTENTIAL FOR
EXCELLENCE

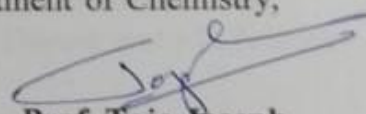
ARUNAPURAM P.O., PALAI-686574, KERALA, INDIA.

(RE-ACCREDITED IN A GRADE BY NAAC)

CERTIFICATE

This is to certify that the project report entitled “A study on casein and lactose content in different milk samples” is submitted by **Mr. Justin. P. Jose** Reg No. 130021023566 to St. Thomas College, Palai (Affiliated to M.G. University) in partial fulfilment of the requirement for the award of **Bachelor of Science degree in Chemistry** during a period 2015- 2016 is an authentic account of the work carried out under the supervision and guidance of **Prof. Tojo Joseph**, Assistant Professor, Department of Chemistry, St. Thomas College, Palai.


Dr. Sunny Kuriakose
HOD & Course Coordinator,
Department of Chemistry


Prof. Tojo Joseph
(Guide)
Assistant Professor
Department of Chemistry

Examiners 1 *Valued* *Subject*

2 *J.P.*

11/5/16

Prof JITHIN PRAKASH P A
Assistant Professor




Research & P.G. Dept. of Chemistry
[DST FIST SPONSORED DEPARTMENT]

St. Thomas College, Pala
[NAAC ACCREDITED WITH A GRADE]
Pala – 686574, Kerala

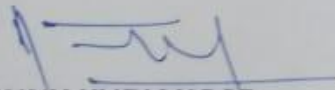
CERTIFICATE

This is to certify that the project report entitled “**SYNTHESIS AND CHARACTERIZATION OF NiO NANOPARTICLES USING STARCH AS STABILIZING AGENT**” is an authentic work carried out by **Mr. JOMIN JOSEPH** (Reg.No.130021023565) under my supervision and guidance during the period 2013-2016 in partial fulfilment of the degree of **Bachelor of Science** under the **Faculty of Science, Mahatma Gandhi University, Kottayam**. The work presented in this report has not been submitted for any other degree or diploma earlier.

Pala
April, 2016


Prof. JITHIN PRAKASH P A
(Supervising Teacher)

Countersigned by,


Dr. SUNNY KURIAKOSE
Head of Department of Chemistry.
St. Thomas Collage, Pala

Valued by:
Date:

Valued
Sy Jithin
11/5/16

308
11/5/16

Prof JITHIN PRAKASH P A
Assistant Professor




Research & P.G. Dept. of Chemistry
[DST FIST SPONSORED DEPARTMENT]

St. Thomas College, Pala
[NAAC ACCREDITED WITH A GRADE]
Pala – 686574, Kerala

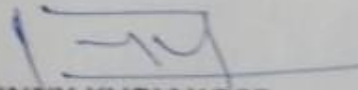
CERTIFICATE

This is to certify that the project report entitled "SYNTHESIS AND CHARACTERIZATION OF NiO NANOPARTICLES USING STARCH AS STABILIZING AGENT" is an authentic work carried out by Mr. JITHIN TOM (Reg.No.130021023564) under my supervision and guidance during the period 2013-2016 in partial fulfilment of the degree of Bachelor of Science under the Faculty of Science, Mahatma Gandhi University, Kottayam. The work presented in this report has not been submitted for any other degree or diploma earlier.

Pala
April, 2016


Prof. JITHIN PRAKASH P A
(Supervising Teacher)

Countersigned by,


Dr. SUNNY KURIAKOSE
Head of Department of Chemistry.
St. Thomas Collage, Pala

Valued by:
Date:

Valued

809
11/5/16

Sunny
4/5/16

CERTIFICATE

This is hereby to certify that , the original and genuine investigation work has been carried out to investigate about the subject matter and the related data collection and investigation has been completed solely, sincerely and satisfactorily by **Jeemon Joseph of BSc. Chemistry, St. Thomas College, Pala**, regarding his project titled **“Determination work of rate of corrosion of metals in different medium**



Amal Jose Baby

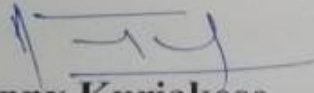
(Supervising Teacher)

Assistant Professor

Department of Chemistry

St. Thomas College, Pala

Countersigned by



Dr. Sunny Kuriakose

Head of the Department of Chemistry

St. Thomas College, Pala

Pala

Date : 21.04.2016

Valued
Dr. Sunny
11/5/16

Jeemon
11/5/16

CERTIFICATE

This is hereby to certify that , the original and genuine investigation work has been carried out to investigate about the subject matter and the related data collection and investigation has been completed solely, sincerely and satisfactorily by **Emmanuel Dominic of BSc. Chemistry, St. Thomas College, Pala**, regarding his project titled "**Determination work of rate of corrosion of metals in different medium**"



Amal Jose Baby

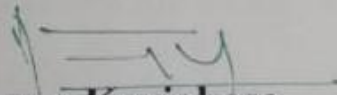
(Supervising Teacher)

Assistant Professor

Department of Chemistry

St. Thomas College, Pala

Countersigned by



Dr. Sunny Kuriakose

Head of the Department of Chemistry

St. Thomas College, Pala

Pala

Date : 21.04.2016

Valued
Sunny Kuriakose
11/5/16

809
11/5/16

CERTIFICATE

This is hereby to certify that, the original and genuine investigation work has been carried out to investigate about the subject matter and the related data collection and investigation has been completed solely, sincerely and satisfactorily by **Don Joy Joseph** of BSc. Chemistry, St. Thomas College, Pala, regarding his project titled "Preparation of Potash Alum from Aluminium Scrap".


Prof. Sajeev Martin George

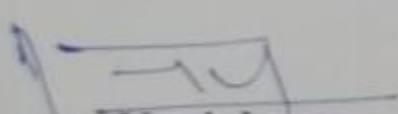
(Supervising Teacher)

Assistant Professor

Department of Chemistry

St. Thomas College, Pala

Countersigned by


Prof. Sunny Kuriakose

Head of the Department of Chemistry

St. Thomas College, Pala

Pala

Date: 21.04.2016

Valued
Student
11/5/16

JK
11/5/16

CERTIFICATE

This is hereby to certify that , the original and genuine investigation work has been carried out to investigate about the subject matter and the related data collection and investigation has been completed solely, sincerely and satisfactorily by **Christon Sebatian Mathew of BSc. Chemistry, St. Thomas College, Pala**, regarding his project titled "**Preparation of Potash Alum from Aluminium Scrap**".

S. Martin

Prof. Sajeev Martin George

(Supervising Teacher)

Assistant Professor

Department of Chemistry

St. Thomas College, Pala

Countersigned by

Sunny Kuriakose

Prof. Sunny Kuriakose

Head of the Department of Chemistry

St. Thomas College, Pala

Pala

Date : 21.04.2016

*Verdict of
Sunny Kuriakose*

SJK
11/5/16

CERTIFICATE

This is hereby to certify that , the original and genuine investigation work has been carried out to investigate about the subject matter and the related data collection and investigation has been completed solely, sincerely and satisfactorily by **Christo Cyriac of BSc. Chemistry, St. Thomas College, Pala**, regarding his project titled "**Preparation of Potash Alum from Aluminium Scrap**".

Prof. Martin George

Prof. Sajeew Martin George

(Supervising Teacher)

Assistant Professor

Department of Chemistry

St. Thomas College, Pala

Countersigned by

Prof. Sunny Kuriakose

Prof. Sunny Kuriakose

Head of the Department of Chemistry

St. Thomas College, Pala

Pala

Date : 21.04.2016


Valued

Prof. Sunny Kuriakose
11/5/16

Prof. Sajeew Martin George
11/5/16

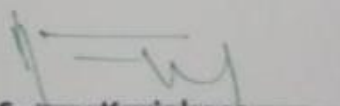
CERTIFICATE

This is to certify that the project report entitled "Study of Adulteration in Food Stuffs" is an authentic record of the project work carried out by Mr. Ashjith Prasad under my supervision and guidance during 2016 in partial fulfilment of the requirement for the award of the degree of Bachelor of Science in Chemistry of the Mahatma Gandhi University, Kottayam. The work presented in this project report has not submitted for any degree or diploma earlier.



Dr. Thomas V. Mathew
(Supervising Teacher)
Assistant Professor
Department of Chemistry
St. Thomas College, Palai

Countersigned by



Dr. Sunny Kuriakose
Head of the Department of Chemistry
St. Thomas College, Palai

Pala

Date 09/05/2016

Valued

Received

11/5/16

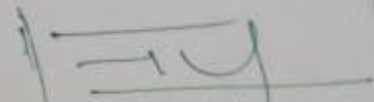
CERTIFICATE

This is to certify that the project report entitled "Study of Adulteration in Food Stuffs" is an authentic record of the project work carried out by Mr. Arun Joseph Jacob under my supervision and guidance during 2016 in partial fulfilment of the requirement for the award of the degree of Bachelor of Science in Chemistry of the Mahatma Gandhi University, Kottayam. The work presented in this project report has not submitted for any degree or diploma earlier.



Dr. Thomas V. Mathew
(Supervising Teacher)
Assistant Professor
Department of Chemistry
St. Thomas College, Palai

Countersigned by



Dr. Sunny Kuriakose
Head of the Department of Chemistry
St. Thomas College, Palai

Pala

Date 09/05/2016

valued
Sunny Kuriakose
11/5/16

802
11/5/16

CERTIFICATE

This is to certify that the project report entitled "**Study of Adulteration in Food Stuff**s" is an authentic record of the project work carried out by Mr. Arjun Pushparaj under my supervision and guidance during 2016 in partial fulfilment of the requirement for the award of the degree of Bachelor of Science in Chemistry of the Mahatma Gandhi University, Kottayam. The work presented in this project report has not submitted for any degree or diploma earlier.

Dr. Thomas V. Mathew
(Supervising Teacher)
Assistant Professor
Department of Chemistry
St. Thomas College, Palai

Countersigned by

Dr. Sunny Kuriakose
Head of the Department of Chemistry
St. Thomas College, Palai

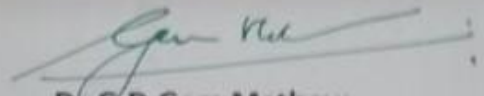
Pala

Date 10/5/16

Valued
Bitai
11/5/16

CERTIFICATE

This is to certify that the project report entitled "**Determination of caffeine present in different samples of tea**" is an authentic record of the project work carried out by **Mr. Arjun Jayan**, under my supervision and guidance during 2015-2016 in partial fulfillment of the requirements for the award of the degree of Bachelor of Science in Chemistry of the Mahatma Gandhi University, Kottayam. The work presented in this project report has not been submitted for any degree or diploma earlier.



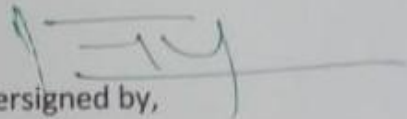
Dr. G.D. Gem Mathew

(Supervising Teacher)

Associate Professor

Department of Chemistry

St. Thomas College, Pala



Countersigned by,

Dr. Sunny Kuriakose

Head of Department of Chemistry

St Thomas College Pala

Pala

22.04.2016

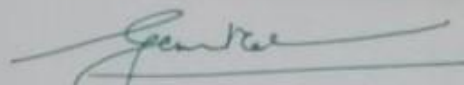
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Dr. Arjun Jayan
11/5/16

Dr. G.D. Gem Mathew
11/5/16

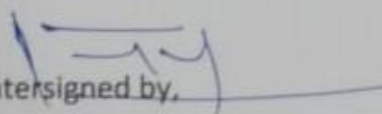
CERTIFICATE

This is to certify that the project report entitled "**Determination of caffeine present in different samples of tea**" is an authentic record of the project work carried out by **Mr. Anand R Krishnan**, under my supervision and guidance during 2015-2016 in partial fulfillment of the requirements for the award of the degree of Bachelor of Science in Chemistry of the Mahatma Gandhi University, Kottayam. The work presented in this project report has not been submitted for any degree or diploma earlier.



Dr.G.D.Gem Mathew

(Supervising Teacher)
Associate Professor
Department of Chemistry
St.Thomas College, Pala



Countersigned by,

Dr. Sunny Kuriakose
Head of Department of Chemistry
St Thomas College Pala

Pala

22.04.2016

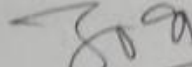
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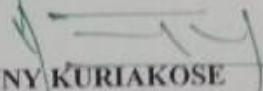
CERTIFICATE

This is to certify that the project report entitled "**EXTRACTION OF NICOTINE FROM TOBACCO**" is an authentic work carried out by Mr. **AMAL GEORGE KURIAN** (Reg.No: 130021023549) under my supervision and guidance during the period 2013 - 2016 in partial fulfillment of the **Degree of Bachelor of Science** under the **Faculty of Science, Mahatma Gandhi University , Kottayam**. The work presented in this report has not been submitted for any other degree or diploma earlier.

Pala
April, 2016


Prof. JOGY ALEX
(Supervising Teacher)

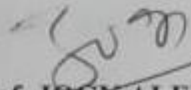
Countersigned by


Dr. SUNNY KURIAKOSE
(Head, Department of Chemistry
St.Thomas College, Pala)

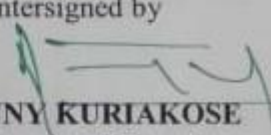
CERTIFICATE

This is to certify that the project report entitled "**EXTRACTION OF NICOTINE FROM TOBACCO**" is an authentic work carried out by Mr. **ALBIN GEORGE** (Reg.No: 130021023548) under my supervision and guidance during the period 2013 - 2016 in partial fulfillment of the **Degree of Bachelor of Science** under the **Faculty of Science, Mahatma Gandhi University , Kottayam**. The work presented in this report has not been submitted for any other degree or diploma earlier.

Pala
April, 2016


Prof. JOGY ALEX
(Supervising Teacher)

Countersigned by

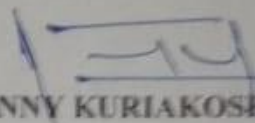

Dr. SUNNY KURIAKOSE
(Head, Department of Chemistry
St.Thomas College, Pala)

Valued
11/5/16

CERTIFICATE

This is to certify that, the Project Report entitled "**DETERMINATION OF IODINE CONTENT OF IODISED SALT SAMPLES**" is a record of the work carried out by **ALAN CYRIL SUNNY** under my guidance in the Research & P.G Department of Chemistry, St.Thomas College, Palai during his B.Sc. Degree Programme.

Teacher in Charge



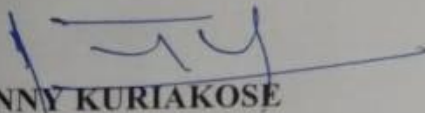
DR. SUNNY KURIAKOSE

Associate Professor

Research and P.G

Department of Chemistry

Countersigned by



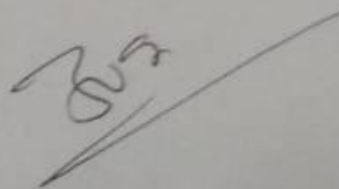
DR. SUNNY KURIAKOSE

Head of the Department

Research and P.G Department of Chemistry

ST. THOMAS COLLEGE, PALAI

Valued
Alan Sunny
11/5/16



CERTIFICATE

This is to certify that, the Project Report entitled "**DETERMINATION OF IODINE CONTENT OF IODISED SALT SAMPLES**" is a record of the work carried out by AKHIL V.R under my guidance in the Research & P.G Department of Chemistry, St.Thomas College, Palai during his B.Sc. Degree Programme.

Teacher in Charge

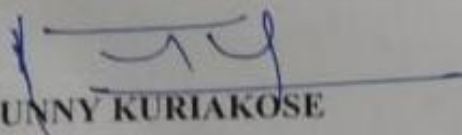

DR. SUNNY KURIAKOSE

Associate Professor

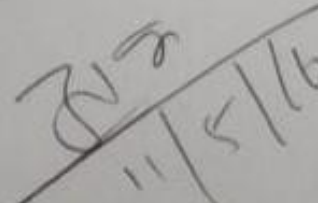
Research and P.G

Department of Chemistry

Countersigned by


DR. SUNNY KURIAKOSE
Head of the Department
Research and P.G Department of Chemistry
ST. THOMAS COLLEGE, PALA

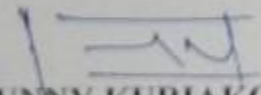
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CERTIFICATE

This is to certify that, the Project Report entitled "**DETERMINATION OF IODINE CONTENT OF IODISED SALT SAMPLES**" is a record of the work carried out by **AKHIL SOMARAJ** under my guidance in the Research & P.G Department of Chemistry, St.Thomas College, Palai during his B.Sc. Degree Programme.

Teacher in Charge



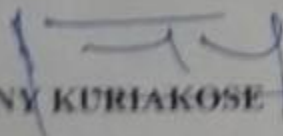
DR. SUNNY KURIAKOSE

Associate Professor

Research and P.G

Department of Chemistry

Countersigned by



DR.SUNNY KURIAKOSE

Head of the Department

Research and P.G Department of Chemistry

ST.THOMAS COLLEGE,PALA

Valued

Sunny Kuriakose
11/15/16

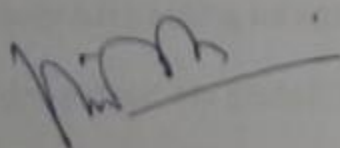
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DEPARTMENT OF CHEMISTRY

ST. THOMAS COLLEGE PALA

CERTIFICATE

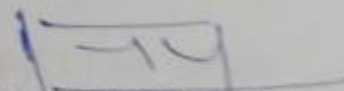
This is to certify that project titled 'DETERMINATION OF LYCOPENE & BETA CAROTENE CONTENT IN FRUITS' is an authentic record of the project work carried out by Mr. AJEESH CHITHRANGADAN Reg.No.130021023542 in practical fulfillment of the requirements for the award of Bachelor's degree in Chemistry of M.G University under my guidance and supervision during 2013-2016.



Prof: BEJOY MATHEW

Department of chemistry

St. Thomas College Palai

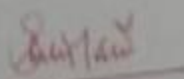


DR. SUNNY KURIAKOSE

Head of the Dept. of chemistry

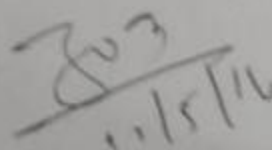
St. Thomas College Palai

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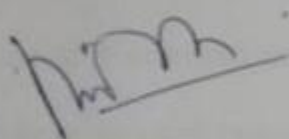


DEPARTMENT OF CHEMISTRY

ST.THOMAS COLLEGE PALA

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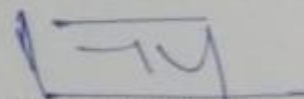
This is to certify that project titled 'DETERMINATION OF LYCOPENE & BETA CAROTENE CONTENT IN FRUITS' is an authentic record of the project work carried out by Mr. AGNEL DOMINIC Reg.No.130021023541 in practical fulfillment of the requirements for the award of Bachelor's degree in Chemistry of M.G University under my guidance and supervision during 2013-2016.



Prof: BEJOY MATHEW

Department of chemistry

St. Thomas College Palai



DR.SUNNY KURIAKOSE

Head of the Dept. of chemistry

St. Thomas College Palai

Valued by -

Date -

