DEPARTMENT OF CHEMISTRY ST. ALBERT'S COLLEGE, ERNAKULAM



CERTIFICATE

This is to certify that the project entitled "Determination of iron content in veg table leaves by colorimetric analysis" is an authentic report of the work carried out by ANJU V.H. – 140021085018 in partial fulfillment of the requirement of the award of Degree of Bachelor of Science in Chemistry of Mahatma Gandhi University Kottayam.

Dr. Jude Martin Mendez

(The Head, Department of Chemistry)

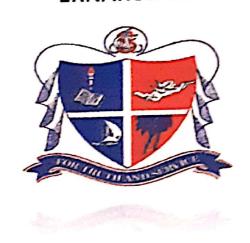
ENT OF

Dr. Vijay John Gerson

(Project Supervisor)

POST GRADUATE DEPARTMENT OF CHEMISTRY& RESEARCH CENTRE

ST.ALBERT'S COLLEGE ERNAKULAM



CERTIFICATE

This is to certify that the project report entitled "A STUDY ON THE REMOVAL OF IRON" is a bonafide record of work done by Greeshma.M.R, B.Sc final chemistry, under our guidance at the department of chemistry, St.Albert's college, Ernakulam and no part of this has previously formed the basis of the award of any degree or diploma on any other titles.

Dr.JUDE MARTIN MENDEZ

Head of Department of Chemistry

St. Albert's college

Ernakulam

Prof. Niffy Benny

Assistant professor

St.Albert's college

Frnakulam

ST. ALBERT'S COLLEGE

ERNAKULAM

DEPARTMENT OF CHEMISTRY



CERTIFICATE

This is to certify that the project work entitled "STUDY ON THE COLOR VALUE OF CHILLI, ASTA COLOR VALUE METHOD PUT INTO PRACTICE" submitted by KEERTHY THRESIA P J , Final year student of BSc Main Chemistry ,St. Albert's College, Ernakulam is a bonafide record of work done by them under my guidance and supervision during 2014-2017 at Department of Chemistry in partial fulfilments of the requirements for the award of the undergraduate degree in

BSc Main Chemistry during the year 2014-2017

Dr.Jude Martin Mendez

Head of the Department

Department of Chemistry

St. Albert's College

Ernakulam

Prof. Amal Joseph PJ

Project Supervisor

Assistant Professor

St. Albert's College

This is to certify that the project work titled "EXTRACTION OF CHITOSAN FROM SHRIMP SHELL AND ITS APPLICATION ON DYE REMOVAL FROM WASTE WATER" is a bonafide work of Ms. P.B PAULINE BERTINA carried out in partial fulfillment of the requirements for the award of the degree of B.Sc. Chemistry of Mahatma Gandhi University under the guidance of Dr. NISHA V.S.

NISHA V S

Assistant professor

Department of chemistry,

St. Albert's college, EKM

77777777777

JUDE MARTIN MENDEZ

Head of the department

Department of chemistry

St. Albert's college, EKM

This is to certify that the project work titled "EXTRACTION OF CHITOSAN FROM SHRIMP SHELL AND ITS APPLICATION ON DYE REMOVAL FROM WASTE WATER" is a bonafide work of Ms. ROSHNA ROY carried out in partial fulfillment of the requirements for the award of the degree of B.Sc. Chemistry of Mahatma Gandhi University under the guidance of Dr. NISHA V.S.

NISHA V S

Assistant professor

Department of chemistry,

St. Albert's college, Ekm

JUDE MARTIN MENDEZ
Head of the department
Department of chemistry

St. Albert's college, Ekm

DEPARTMENT OF CHEMISTRY

ST.ALBERT'S COLLEGE

ERNAKULAM



CERTIFICATE

This is to certify that the project report entitled "DETERMINATION OF CALCIUM CONTENT IN VARIOUS EGGSHELLS" is a bonafide record of work done by MARY GREESHMA ANTONY, B.Sc Final chemistry, in the Department of Chemistry, St.Alberts College, Ernakulam and on part of the award of any degree or diploma on any other

titles.

Dr. JUDE N TIN MENDEZ Dr.M.A. SOLOMON

Head of the Department

Associate Professor

Department Of Chemistry

Department Of Chemistry

St. Albert's College, Ernakulan

Albert's College, Ernakulam

DEPARTMENT OF CHEMISTRY ST.ALBERTS COLLEGE ERNAKULAM



CERTIFICATE

This is to certify that the project entitled "DETERMINATION OF OXALATE CONTENT IN FRUITS AND VEGETABLES" is an authentic report of the work carried out by Anie Seritta in partial fulfillment of the requirment of the award of Degree of Bachelor of Science in Chemistry of Mahatma Gandhi University, Kottayam.

Dr.JudeMartinMendez

Dr.Saji John K

(The Head of Department of Chemistry)

(Project Supervisor)

(Nationally accredited at 'A' level ISO 9001 : 2008certified by TÜV Rheinland)

Kochi 682 018, Kerala

Certificate

This is to certify that this is bonafide of the project on

Thin Layer Chromotography (TLC)

done by Abin Joseph of B. Sc. Chemistry, St. Albert's College during the year 2016-2017.

Professor in Charge

Signature of examiner

Head of the department

Date:

Reg. No:140021085012





(Nationally accredited at 'A' level ISO 9001 : 2008certified by TÜV Rheinland)
Kochi 682 018, Kerala

Certificate

This is to certify that this is bonafide of the project on

Thin Layer Chromotography (TLC)

done by Nelwin T Wackkachan of B. Sc. Chemistry, St.

Albert's College during the year 2016-2017.

Professor in Charge

Signature of examiner

Date:

Reg. No:140021085003





This is to certify that the project work titled "EXTRACTION OF CHITOSAN FROM SHRIMP SHELL AND ITS APPLICATION ON DYE REMOVAL FROM WASTE WATER" is a Bonafide work of Ms. NOUFIYA I carried out in partial fulfillment of the requirements for the award of the degree of B.Sc. Chemistry of Mahatma Gandhi University under the guidance of Dr. NISHA V.S.

NISHA V S

Assistant professor Department of chemistry, St. Albert's college, EKM



JUDE MARTIN MENDEZ
Head of the department
Department of chemistry
St. Albert's college, EKM

POST GRADUATE DEPARTMENT OF CHEMISTRY & RESEARCH CENTRE ST.ALBERT'S COLLEGE (AUTONOMOUS)

ERNAKULAM



CERTIFICATE

This is to certify that this project entitled "SELECTIVE PROTECTION OF PRIMARY ALCOHOL GROUP OF NUCLEOSIDE ANALOGUES" is a bonafide report of the work done by AKHITHA JACOB (Reg No:140021085014) at Department of Chemistry, St. Albert's College (Autonomous), Ernakulam under the guidance of Dr. Krishnakumar K. S, Assistant Professor, Department of Chemistry, in partial fulfillment of the requirements for the award of Degree of Bachelor of Science in Chemistry of Mahatma Gandhi University.

Dr. Jude Martin Mendez

[HOD]

Dr. Krishnakumar K. S

[Research Supervisor]

DEPARTMENT OF CHEMISTRY ST. ALBERT'S COLLEGE,

ERNAKULAM



CERTIFICATE

This is to certify that the project entitled "Determination of iron content in veg table leaves by colorimetric analysis" is an authentic report of the work carried out by NOEL K.J. – 140021085004 in partial fulfillment of the requirement of the award of Degree of Bachelor of Science in Chemistry of Mahatma Gandhi University Kottayam.

Dr. Jude martin Mendez

(The Head, Department of Chemistry)

Dr. Vijay John Gerson

(Project Supervisor)

This is to certify that the project report entitled "STUDY ON ADSORPTION OF CHROMIUM FROM AQUEOUS SOLUTIONS USING CHITOSAN" is a bonafide record of work done by Sri. Febin Christopher, B.Sc final chemistry, under our guidance at the department of chemistry, St. Albert's college, Ernakulam and no part of this has previously formed the basis of the award of any degree or diploma on any other titles.

Dr. Jude Martin Mendez

Head of the Department of Chemistry

St. Albert's college

Ernakulam

Prof. Alex Kuriakose V.J

Assistant Professor Department of Chemistry St. Albert's college

DEPARTMENT OF CHEMISTRY ST.ALBERT'S COLLEGE

ERNAKULAM



CERTIFICATE

This is to certify that the project report entitled "DETERMINATION OF CALCIUM CONTENT IN VARIOUS EGGSHELLS" is a bonafide record of work done by Sri. FABIN JOHNSON, B.Sc Final chemistry, in the Department of Chemistry, St. Alberts College, Ernakulam and on part of the award of any degree or diploma on any other titles.

Or JUDE MARTIN MENDEZ

Head of the Department

Department Of Chemistry St.Albert's College, Ernakulam Dr. M.A. SOLOMON

Associate Professor

Department Of Chemistry

Albert's College,Ernakulam

ALBERT'S COL

DEPARTMENT OF CHEMISTRY ST. ALBERT'S COLLEGE, ERNAKULAM



CERTIFICATE

This is to certify that the project entitled "Determination of iron content in veg table leaves by colorimetric analysis" is an authentic report of the work carried out by RESHMA DAVID - 140021085029 in partial fulfillment of the requirement of the award of Degree of Bachelor of Science in Chemistry of Mahatma Gandhi University Kottayam.

Dr. Jude martin Mendez

(The Head, Department of Chemistry)

Dr. Vijay John Gerson

(Project Supervisor)

POST GRADUATE DEPARTMENT OF CHEMISTRY &

RESEARCH CENTRE ST.ALBERT'S COLLEGE, ERNAKULAM



CERTIFICATE

This is to certify that the project report entitled "ASSESSMENT OF NICOTINE CONTENT IN COMMERCIAL BRAND CIGARETTES" is a bonafide record of work done by Sri. As THASLEEMA JABBAR, Register Number: 140021085032, III B.Sc chemistry, under our guidance at the Department of Chemistry, St. Albert's college (Autonomus), Ernakulam and no part of this has previously formed the basis of the award of any degree or diploma on any other titles.

Dr. Jude Martin Mendez

Assoc. Prof. & HoD

Department of Chemistry

St. Albert's college (Autonome)

Ernakulam

Dr. Rajesh Kunjanpillai

Asst. Professor

Department of Chemistry

St. Albert's college (Autonomous)



This is to certify that the project work titled "CAFFEINE ANALYSIS" is a bonafide work of Ms. ARYA T S carried out in partial fulfillment of the requirements for the award of the degree of B.Sc. Chemistry of Mahatma Gandhi University under the guidance of Dr. AMAL JOSEPH PJ, Assistant professor, Department of Chemistry during the VI Semester B.Sc. Program in Chemistry.

The results embodied in this project report have not been submitted to any other university for award of any degree or diploma

Dr.JUDE MARTIN MENDEZ

Head of department of Chemistry

St.Albert's College

Ernakulam

Place: Ennalulary
Date: 13/4/18

COMPARATIVE STUDY OF PARACETAMOL CONTENT IN VARIOUS PAIN KILLERS

A project work submitted to the Mahatma Gandhi University in partial fulfilment of requirements for the award of the degree of

BACHELOR OF SCIENCE

IN CHEMISTRY

Submitted By

ANTONY LIBIN V.M

Reg. No: 140021085019

2014-2017

Under the guidance of

DrJUDE MARTIN MENDEZ



DEPARTMENT OF CHEMISTRY

ST. ALBERT'S COLLEGE ,ERNAKULAM

POST GRADUATE DEPARTMENT OF CHEMISTRY& RESEARCH CENTRE

ST.ALBERT'S COLLEGE ERNAKULAM



CERTIFICATE

This is to certify that the project report entitled "A STUDY ON THE REMOVAL OF IRON" is a bonafide record of work done by Sri. Mary Priya Jaison, B.Sc final chemistry, under our guidance at the department of chemistry, St.Albert's college, Ernakulam and no part of this has previously formed the basis of the award of any degree or diploma on any other titles.

Dr.JUDE MARTIN MENDEZ

Head of Department of Chemistry

St. Albert's college

Ernakulam

Prof. Niffy Benny

Assistant professor

St.Albert's college

DEPARTMENT OF CHEMISTRY ST.ALBERTS COLLEGE ERNAKULAM



CERTIFICATE

This is to certify that the project entitled "DETERMINATION OF OXALATE CONTENT IN FRUITS AND VEGETABLES" is an authentic report of the work carried out by Amal Sebastian in partial fulfillment of the requirement of the award of Degree of Bachelor of Science in Chemistry of Mahatma Gandhi University, Kottayam.

Dr.JudeMartin Mendez

Dr.Saji John K

(The Head of Department of Chemi

(Project Supervisor)

POST GRADUATE DEPARTMENT OF CHEMISTRY& RESEARCH CENTRE

ST.ALBERT'S COLLEGE ERNAKULAM



CERTIFICATE

This is to certify that the project report entitled "A STUDY ON THE REMOVAL OF IRON" is a bonafide record of work done by John steve Mendez, B.Sc final chemistry, under our guidance at the department of chemistry, St.Albert's college, Ernakulam and no part of this has previously formed the basis of the award of any degree or diploma on any other titles.

Dr.JUDE MARTIN MENDEZ

Head of Department of Chemistry

St. Albert's college

Ernakulam

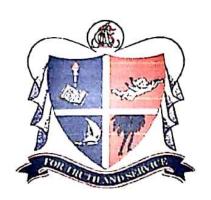


Prof. Niffy Benny

Assistant professor

St.Albert's college

DEPARTMENT OF CHEMISTRY ST.ALBERTS COLLEGE ERNAKULAM



CERTIFICATE

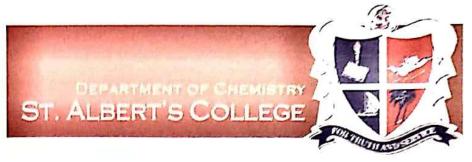
This is to certify that the project entitled "DETERMINATION OF OXALATE CONTENT IN FRUITS AND VEGETABLES" is an authentic report of the work carried out by Ashna Brigit T G in partial fulfillment of the requirment of the award of Degree of Bachelor of Science in Chemistry of Mahatma Gandhi University, Kottayam.

Dr.JudeMartinMendez

(The Head of Department of Chemistry)

Dr.Saji John K

(Project Supervisor)



(Nationally accredited at 'A' level ISO 9001 : 2008certified by TÜV Rheinland. Kochi 682 018, Kerala

Certificate

This is to certify that this is bonafide of the project on

Thin Layer Chromotography (TLC)

done by Steffy Abraham. of B. Sc. Chemistry, St. Albert's College during the year 2016-2017.

Professor in Charge

Signature of examiner

lead prithe department

Date:

this of the state of the state

Reg. No:140021085031





POST GRADUATE DEPARTMENT OF CHEMISTRY & RESEARCH CENTRE

ST.ALBERT'S COLLEGE (AUTONOMOUS)

ERNAKULAM



CERTIFICATE

This is to certify that this project entitled "SELECTIVE PROTECTION OF PRIMARY ALCOHOL GROUP OF NUCLEOSIDE ANALOGUES" is a bonafide report of the work done by GEORGE JERISH C. J (Reg No: 140021085021) at Department of Chemistry, St. Albert's College (Autonomous), Ernakulam under the guidance of Dr. Krishnakumar K. S, Assistant Professor, Department of Chemistry, in partial fulfillment of the requirements for the award of Degree of Bachelor of Science in Chemistry of Mahatma Gandhi University.

Dr. Jude Martin Mendez

[HOD]

Dr. Krishnakumar K. S

[Research Supervisor]

DEPARTMENT OF CHEMISTRY

ST. ALBERT'S COLLEGE

ERNAKULAM



CERTIFICATE

This is to certify that the project report entitled "DETERMINATION OF CALCIUM CONTENT IN VARIOUS EGGSHELLS" is a bonafide record of work done by Sri. PRATHEESH.R.M, B.Sc Final chemistry, in the Department of Chemistry, St. Alberts College, Ernakulam and on part of the award of any degree or diploma on any other titles.

THE OF CHEMIS

Dr. JUDE MARTIN MENDEZ

Dr.M.A. SOLOMON

Head of the Department

Associate Professor

Department Of Chemistry

Department Of Chemistry

St.Albert's College, Ernakulan

Albert's College, Ernakulam

POST GRADUATE DEPARTMENT OF CHEMISTRY &

RESEARCH CENTRE ST.ALBERT'S COLLEGE, ERNAKULAM



CERTIFICATE

This is to certify that the project report entitled "ASSESSMENT OF NICOTINE CONTENT IN COMMERCIAL BRAND CIGARETTES" is a bonafide record of work done by Sri. As RONA SHAKE, Register Number: 140021084981, III B.Sc chemistry, under our guidance at the Department of Chemistry, St. Albert's college (Autonomus), Ernakulam and no part of this has previously formed the basis of the award of any degree or diploma on any other titles.

Dr. Jude Martin Mende

Assoc. Prof. & HoD

Department of Chemistry

St. Albert's college (Autonomie)

Ernakulam

Dr. Rajesh Kunjanpillai

Asst. Professor

Department of Chemistry

St. Albert's college (Autonomous)

ST. ALBERT'S COLLEGE, ERNAKULAM DEPARTMENT OF CHEMISTRY



CERTIFICATE

This is to certify that the project work entitled "SYNTHESIS OF BIOPLASTIC FROM BANANA PEEL" submitted by Miss Mercian Gloria Vivera, Final year student of BSc Main Chemistry ,St. Albert's College, Ernakulam is a bonafide record of work done by them under my guidance and supervision during 2014-2017 at Department of Chemistry in partial fulfilments of the requirements for the award of the undergraduate degree in BSc Main Chemistry during the year 2014-2017

Dr. Jude Martin Mendez

Head of the Department

Department of Chemistry

St. Albert's College

Ernakulam

Sri. Joseph Prince D

Project Supervisor

Assistant Professor

Department of Chemistry

St. Albert's College, EKM

STUDY OF COLOR VALUE OF CHILLI ASTA COLOR VALUE METHOD PUT INTO PRACTICE

A project work submitted to the Mahatma Gandhi University in partial fulfilment of requirements for the award of the degree of

BACHELOR OF SCIENCE

IN CHEMISTRY

Submitted By

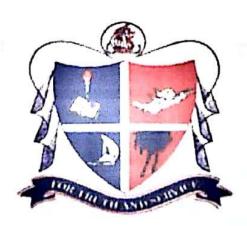
ROMEO P RAPHAEL

Reg no. 140021085030

2014-2017

Under the guidance of

Prof. AMAL JOSEPH PJ



DEPARTMENT OF CHEMISTRY



This is to certify that the project report entitled "STUDY ON ADSORPTION OF CHROMIUM FROM AQUEOUS SOLUTIONS USING CHITOSAN" is a bonafide record of work done by Sri. Sravan K Babu, B.Sc final chemistry, under our guidance at the department of chemistry, St.Albert's college, Ernakulam and no part of this has previously formed the basis of the award of any degree or diploma on any other titles.

Dr. Jude Martin Mendez

Head of the Department of Chemistry

St. Albert's college

Ernakulam

Prof. Alex Kuriakose V.J

Assistant Professor
Department of Chemistry
St. Albert's college

This is to certify that the project report entitled "STUDY ON ADSORPTION OF CHROMIUM FROM AQUEOUS SOLUTIONS USING CHITOSAN"is a bonafide record of work done by Sri. Jincy Rachel Mathew, B.Sc final chemistry, under our guidance at the department of chemistry, St.Albert's college, Ernakulam and no part of this has previously formed the basis of the award of any degree or diploma on any other titles.

Dr. Jude Martin Mendez

Head of the Department of Chemistry

St. Albert's college

Ernakulam

Prof. Alex Kuriakose V.J

Assistant Professor Department of Chemistry St. Albert's college

SYNTHESIS OF BIOPLASTIC FROM BANANA PEEL

A project work submitted to the Mahatma Gandhi University in partial fulfilment of requirements for the award of the degree of

BACHELOR OF SCIENCE

IN CHEMISTRY

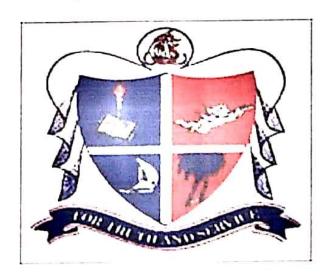
Submitted By

ASHLY K A

2014-2017

Under the guidance of

Sri. JOSEPH PRINCE D



DEPARTMENT OF CHEMISTRY

ST. ALBERT'S COLLEGE, ERNAKULAM

SYNTHESIS OF BIOPLASTIC FROM BANANA PEEL

A project work submitted to the Mahatma Gandhi University in partial fulfilment of requirements for the award of the degree of

BACHELOR OF SCIENCE

IN CHEMISTRY

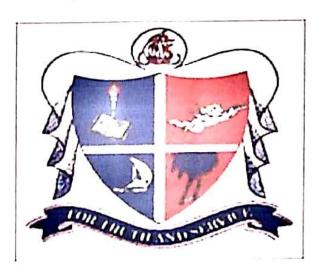
Submitted By

SREEDEVI K

2014-2017

Under the guidance of

Sri. JOSEPH PRINCE D



DEPARTMENT OF CHEMISTRY

ST. ALBERT'S COLLEGE, ERNAKULAM

This is to certify that the project report entitled "STUDY ON ADSORPTION OF CHROMIUM FROM AQUEOUS SOLUTIONS USING CHITOSAN" is a bonafide record of work done by Sri. Dinite Rodrigues, B.Sc final chemistry, under our guidance at the department of chemistry, St.Albert's college, Ernakulam and no part of this has previously formed the basis of the award of any degree or diploma on any other titles.

Dr. Jude Martin Mendez

Head of the Department of Chemistry

St. Albert's college

Ernakulam

Prof. Alex Kuriakose V.J

Assistant Professor Department of Chemistry St. Albert's college

This is to certify that the project work titled "EXTRACTION OF CHITOSAN FROM SHRIMP SHELL AND ITS APPLICATION ON DYE REMOVAL FROM WASTE WATER" is a bonafide work of Ms. Acqulin Merin Luiz carried out in partial fulfillment of the requirements for the award of the degree of B.Sc. Chemistry of Mahatma Gandhi University under the guidance of Dr. Nisha V.S.

NISHAV S

Assistant professor

Department of chemistry,

St. Albert's college, Ekm



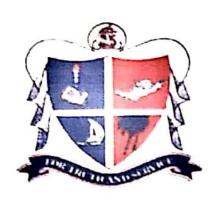
JUDE MARTIN MENDEZ

Head of the department

Department of chemistry

St. Albert's college, Ekm

ST.ALBERT'S COLLEGE, ERNAKULAM DEPARTMENT OF CHEMISTRY



CERTIFICATE

This is to certify that the project work entitled "SYNTHESIS OF BIOPLASTIC FROM BANANA PEEL" submitted by Miss Sruthy Vipin, Final year student of BSc Main Chemistry ,St. Albert's College, Ernakulam is a bonafide record of work done by them under my guidance and supervision during 2014-2017 at Department of Chemistry in partial fulfilments of the requirements for the award of the undergraduate degree in BSc Main Chemistry during the year 2014-2017

Dr. Jude Martin Mendez

Head of the Department

Department of Chemistry

St. Albert's College

Ernakulam

Sri. Joseph Prince D

Project Supervisor

Assistant Professor

Department of Chemistry

St. Albert's College, EKM

STUDY OF COLOR VALUE OF CHILLI ASTA COLOR VALUE METHOD PUT INTO PRACTICE

A project work submitted to the Mahatma Gandhi University in partial fulfilment of requirements for the award of the degree of

BACHELOR OF SCIENCE

IN CHEMISTRY

Submitted By

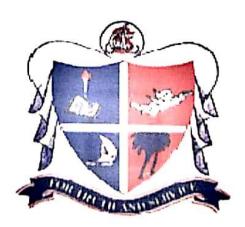
ANAND CS

Reg no. 140021084982

2014-2017

Under the guidance of

Prof. AMAL JOSEPH PJ



DEPARTMENT OF CHEMISTRY



DEPARTMENT OF CHEMISTRY ST. ALBERT'S COLLEGE, ERNAKULAM



CERTIFICATE

This is to certify that the project entitled "Determination of iron content in veg table leaves by colorimetric analysis" is an authentic report of the work carried out by MARY THERESA P.F. – 140021085000, in partial fulfillment of the requirement of the award of Degree of Bachelor of Science in Chemistry of Mahatma Gandhi University Kottayam.

Dr. Jude martin Mendez

(The Head Department of Chemistry)

Dr. Vijay John Gerson

(Project Supervisor)

POST GRADUATE DEPARTMENT OF CHEMISTRY & RESEARCH CENTRE

ST.ALBERT'S COLLEGE (AUTONOMOUS)

ERNAKULAM



CERTIFICATE

This is to certify that this project entitled "SELECTIVE PROTECTION OF PRIMARY ALCOHOL GROUP OF NUCLEOSIDE ANALOGUES" is a bonafide report of the work done by ARYA S RAJ (Reg No: 140021084987) at Department of Chemistry, St. Albert's College (Autonomous), Ernakulam under the guidance of Dr. Krishnakumar K. S, Assistant Professor, Department of Chemistry, in partial fulfillment of the requirements for the award of Degree of Bachelor of Science in Chemistry of Mahatma Gandhi University.

Dr. Jude Martin

[HOD]

Dr. Krishnakumar K. S

[Research Supervisor]

COMPARATIVE STUDY OF PARACETAMOL CONTENT IN VARIOUS PAIN KILLERS

A project work submitted to the Mahatma Gandhi University in partial fulfilment of requirements for the award of the degree of

BACHELOR OF SCIENCE

IN CHEMISTRY

Submitted By

ANJANA N. THOMAS

Reg. no:140021084984

2014-2017

Under the guidance of

Dr.JUDE MARTIN MENDEZ



DEPARTMENT OF CHEMISTRY
ST. ALBERT'S COLLEGE ,ERNAKULAM

Assessment of Nicotine Content in Commercial Brand Cigarettes

Dissertation submitted to

MAHATMA GANDHI UNIVERSITY, KOTTAYAM

In partial fulfillment of the degree of

BACHELOR OF SCIENCE

In

CHEMISTRY

Submitted by

ASHITHA P V

(Register Number :140021084988)



UNDER THE GUIDANCE OF

Dr. Rajesh Kunjanpillai

Assistant Professor,
Post Graduate Department of Chemistry and Research Centre
St. Albert's College (Autonomous), Ernakulam

DEPARTMENT OF CHEMISTRY

ST.ALBERT'S COLLEGE

ERNAKULAM



CERTIFICATE

This is to certify that the project report entitled "DETERMINATION OF CALCIUM CONTENT IN VARIOUS EGGSHELLS" is a bonafide record of work done by RESHMA N J, B.Sc Final chemistry, in the Department of Chemistry, St. Alberts College, Ernakulam and on part of the award of any degree or diploma on any other titles.

WENT OF CHEM

Dr.JUDE MARTIN MENDEZ

Associate Professor

Dr.M.A. SOLOMON

Head of the Department

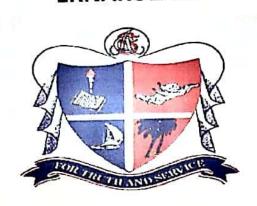
Department Of Chemistry

Department Of Chemistry St.Albert's College, Ernakulan

St.Albert's College, Ernakulam

POST GRADUATE DEPARTMENT OF CHEMISTRY& RESEARCH CENTRE

ST.ALBERT'S COLLEGE ERNAKULAM



CERTIFICATE

This is to certify that the project report entitled "A STUDY ON THE REMOVAL OF IRON" is a bonafide record of work done by Antony Priyadarshan.A.S, B.Sc final chemistry, under our guidance at the department of chemistry, St.Albert's college, Ernakulam and no part of this has previously formed the basis of the award of any degree or

diploma on any other titles.

Dr.JUDE MARTIN MENDE

Head of Department of Chemistry

St. Albert's college

Ernakulam

Prof. Niffy Benny

Assistant professor

St.Albert's college

Ernakulam

COMPARATIVE STUDY OF PARACETAMOL CONTENT IN VARIOUS PAIN KILLERS

A project work submitted to the Mahatma Gandhi University in partial fulfilment of requirements for the award of the degree of

BACHELOR OF SCIENCE

IN CHEMISTRY

Submitted By

LINSA SANTHOSH

Reg no:140021084998

2014-2017

Under the guidance of

DrJUDE MARTIN MENDEZ



DEPARTMENT OF CHEMISTRY

ST. ALBERT'S COLLEGE ,ERNAKULAM

COMPARATIVE STUDY OF PARACETAMOL CONTENT IN VARIOUS PAIN KILLERS

A project work submitted to the Mahatma Gandhi University in partial fulfilment of requirements for the award of the degree of

BACHELOR OF SCIENCE

IN CHEMISTRY

Submitted By

ANTONY LIBIN V.M

Reg. No: 140021085019

2014-2017

Under the guidance of

DrJUDE MARTIN MENDEZ



DEPARTMENT OF CHEMISTRY

ST. ALBERT'S COLLEGE ,ERNAKULAM

POST GRADUATE DEPARTMENT OF CHEMISTRY& RESEARCH CENTRE

ST.ALBERT'S COLLEGE ERNAKULAM



CERTIFICATE

This is to certify that the project report entitled "A STUDY ON THE REMOVAL OF IRON" is a bonafide record of work done by Sri. Mary Priya Jaison, B.Sc final chemistry, under our guidance at the department of chemistry, St.Albert's college, Ernakulam and no part of this has previously formed the basis of the award of any degree or diploma on any other titles.

Dr.JUDE MARTIN MENDEZ

Head of Department of Chemistry

St. Albert's college

Ernakulam

Prof. Niffy Benny

Assistant professor

St.Albert's college

Ernakulam

DEPARTMENT OF CHEMISTRY ST.ALBERTS COLLEGE ERNAKULAM



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This is to certify that the project entitled "DETERMINATION OF OXALATE CONTENT IN FRUITS AND VEGETABLES" is an authentic report of the work carried out by Amal Sebastian in partial fulfillment of the requirment of the award of Degree of Bachelor of Science in Chemistry of Mahatma Gandhi University, Kottayam.

Dr.JudeMartin Mendez

Dr.Saji John K

(The Head of Department of Chemi

(Project Supervisor)

POST GRADUATE DEPARTMENT OF CHEMISTRY& RESEARCH CENTRE

ST.ALBERT'S COLLEGE ERNAKULAM



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Dr.JUDE MARTIN MENDEZ

Head of Department of Chemistry

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Ernakulam



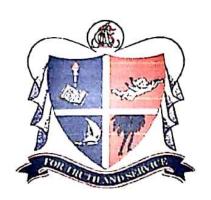
Prof. Niffy Benny

Assistant professor

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DEPARTMENT OF CHEMISTRY ST.ALBERTS COLLEGE ERNAKULAM



CERTIFICATE

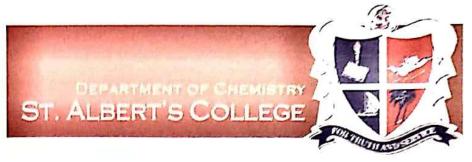
This is to certify that the project entitled "DETERMINATION OF OXALATE CONTENT IN FRUITS AND VEGETABLES" is an authentic report of the work carried out by Ashna Brigit T G in partial fulfillment of the requirment of the award of Degree of Bachelor of Science in Chemistry of Mahatma Gandhi University, Kottayam.

Dr.JudeMartinMendez

(The Head of Department of Chemistry)

Dr.Saji John K

(Project Supervisor)



(Nationally accredited at 'A' level ISO 9001 : 2008certified by TÜV Rheinland. Kochi 682 018, Kerala

Certificate

This is to certify that this is bonafide of the project on

Thin Layer Chromotography (TLC)

done by Steffy Abraham. of B. Sc. Chemistry, St. Albert's College during the year 2016-2017.

Professor in Charge

Signature of examiner

lead prithe department

Date:

this of the state of the state

Reg. No:140021085031





POST GRADUATE DEPARTMENT OF CHEMISTRY & RESEARCH CENTRE

ST.ALBERT'S COLLEGE (AUTONOMOUS)

ERNAKULAM



CERTIFICATE

This is to certify that this project entitled "SELECTIVE PROTECTION OF PRIMARY ALCOHOL GROUP OF NUCLEOSIDE ANALOGUES" is a bonafide report of the work done by GEORGE JERISH C. J (Reg No: 140021085021) at Department of Chemistry, St. Albert's College (Autonomous), Ernakulam under the guidance of Dr. Krishnakumar K. S, Assistant Professor, Department of Chemistry, in partial fulfillment of the requirements for the award of Degree of Bachelor of Science in Chemistry of Mahatma Gandhi University.

Dr. Jude Martin Mendez

[HOD]

Dr. Krishnakumar K. S

[Research Supervisor]

DEPARTMENT OF CHEMISTRY

ST. ALBERT'S COLLEGE

ERNAKULAM



CERTIFICATE

This is to certify that the project report entitled "DETERMINATION OF CALCIUM CONTENT IN VARIOUS EGGSHELLS" is a bonafide record of work done by Sri. PRATHEESH.R.M, B.Sc Final chemistry, in the Department of Chemistry, St. Alberts College, Ernakulam and on part of the award of any degree or diploma on any other titles.

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Dr. JUDE MARTIN MENDEZ

Dr.M.A. SOLOMON

Head of the Department

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