

Document showing the experimental
learning through project work/field
work/internship as prescribed by the
affiliating university / affiliating university
curriculum

2018-2019

CERTIFICATE

This is to certify that the project report entitled "A STUDY ON ECONOMIC PROGRESS OF THE FISHING COMMUNITY WITH SPECIAL REFERENCE TO NEENDAKARA GRAMAPANCHAYATH" is a bonafide work carried out by ALFIYA.A, VISHNUJA.V, HARITHA.R, SANGEETHA. S, SOYAL SATHEESH Under my supervision and guidance towards partial fulfillment of the requirement for the award of the Degree of Bachelor of Commerce, University of Kerala.

Ms. ASHA.U

Assistant Professor on contract

Department of commerce

SREE NARAYANA COLLEGE, Punalur

Punalur

Date: 29th march, 2019

Counter signed by

Mrs. KAVITHA .K.S

KAVITHA. K.S
H.O.D
DEPARTMENT OF COMMERCE
SN COLLEGE, PUNALUR

Head of the Department of Commerce

Sree Narayana College, Punalur

Place : Punalur

Date: 2nd April, 2019

PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR

SREE NARAYANA COLLEGE, PUNALUR



DEPARTMENT OF COMMERCE

Certified that this project titled "AWARENESS AND ADVANTAGES OF UNIFIED PAYMENT INTERFACE TRANSACTIONS" is a bona-fide record of the project work done by:

Name of the students:

Candidate code:

| | |
|--------------|-------------|
| ASHLIN SAM | 15916133008 |
| AMRITHA U.S | 15916133027 |
| ASHIK S | 15916133037 |
| KARISHMA L.S | 15916133044 |
| VARSHA U.T | 15916133065 |

Under my supervision and guidance, towards partial fulfillment of the requirements for the award of the Degree of Bachelor of Commerce of the University of Kerala.

Place: Punalur


Mrs. Ganga M.R.


Date: 2 April, 2019


Assistant Professor

Department of Commerce

Sree Narayana College

Counter Signed by:


KAVITHA. K.S
H.O.D
DEPARTMENT OF COMMERCE,
SN COLLEGE, PUNALUR
Head of Department
Department of Commerce
S.N College, Punalur


PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR

CERTIFICATE

This is to certify that the project report entitled "A STUDY ON THE CHALLENGES FACED BY THE STREET VENDORS IN PUNALUR" is a bonafide work carried out by

KIRAN DEV

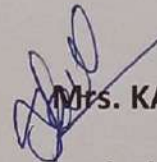
SNEHA NATARAJ

ALEENA.P

ASHNA MURALI

SUNU KUMAR

Under my supervision guidance towards partial fulfillment of the requirement for
The award of the Degree of Bachelor of Commerce, University of Kerala.



Mrs. KAVITHA.K.S

Head of the Department

Department of Commerce


Place : PUNALUR

SREE NARAYA COLLEGE PUNALUR

Date:29/03/2019

Counter signed by;

KAVITHA. K.S
H.O.D
DEPARTMENT OF COMMERCE
SN COLLEGE PUNALUR



Mrs. KAVITHA.K.S

Head of the Department of commerce

Place: Punalur

Sree Narayana College. Punalur

Date: 29/03/2019



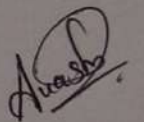
PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR

CERTIFICATE

This is to certify that the project report entitled "**A STUDY ON EMPLOYEES PERSPECTIVE TOWARDS JOB TRAINING AND ITS EFFECTIVENESS IN REHABILITATION PLANTATION Ltd PUNALUR**" is a bonafide work carried out by

**AYISHA LAL
ANJU S
AMINUL AZEEZ
VAISHAK M
NEETHU O**

under my supervision and guidance towards partial fulfillment of the requirement for the award of the Degree of Bachelor of Commerce, University of Kerala



Ms. ASHA U
Assistant Professor on contract.
Department of Commerce
SreeNarayana College, Punalur

Place: Punalur
Date: 29/3/2019

DEPARTMENT OF COMMERCE
SN COLLEGE, PUNALUR

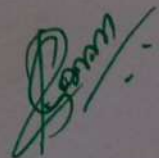
Counter signed by



H.C.C.
K.N.C.

Ms. KAVITHA.K.S
Head of the Department of Commerce
SreeNarayana College. Punalur

Place: Punalur
Date: 29/3/2019



**PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR**

SREE NARAYANA COLLEGE, PUNALUR

KERALA

DEPARTMENT OF COMMERCE

Certified that this report titled " A STUDY ON THE CHALLENGES FACED BY THE STREET VENDORS IN PUNALUR" is a bonafide record of the project work done by

Name of students

Candidate Code

| | |
|------------------|--------------|
| 1. KIRAN DEV | 159-16133013 |
| 2. SNEHA NATARAJ | 159-16133018 |
| 3. ALEENA.P | 159-16133025 |
| 4. ASHNA MURALI | 159-16133038 |
| 5. SUNU KUMAR | 159-16133064 |

Under our supervision and guidance towards partial fulfillment of the requirements of the award of the Degree of Batchelor of Commerce of the University of Kerala

KAVITHA K. S

KAVITHA. K.S
H.O.D
DEPARTMENT OF COMMERCE
SREE NARAYANA COLLEGE, PUNALUR

Head of the Department

Department of Commerce

Place : PUNALUR

SREE NARAYA COLLEGE PUNALUR

Date:29/03/2019

Counter signed by;


PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR

CERTIFICATE

This is to certify that the project report entitled "PROS AND CONS OF GST ON RETAILERS WITH SPECIAL REFERENCE TO PUNALUR MUNICIPALITY " is a bonafide work carried out by

VISHNU VIJAYAN
AMAL A ASHOK
REJI R
SANDRA RAJ S

under my supervision and guidance towards partial fulfillment of the requirement for the award of the Degree of Bachelor of Commerce, University of Kerala



Ms.ASHA U


Assistant Professor on contract.
Department of Commerce
SreeNarayana College,Punalur

Punalur

Date: 29/3/2019

Counter signed by

KAVITHA. K.S
H.O.D
DEPARTMENT OF COMMERCE
SN COLLEGE PUNALUR

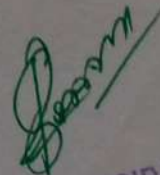


Mrs. KAVITHA.K.S

Head of the Department of Commerce
SreeNarayana College. Punalur

Place: Punalur

Date: 29/3/2019



PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR

SREE NARAYANA COLLEGE

CERTIFICATE

This is to certify that the project entitled "**A STUDY ON THE GAINING POPULATION OF VIRTUAL BANKING AMONG COLLEGE STUDENTS**" is a bonafide work carried out by

1. HARI KRISHNAN.B
2. KAVYA M S
3. JERLIN ANN JAMES
4. ANJITHA S
5. VIJI

Under my supervision and guidance towards partial fulfillment of the requirement for the award of the Degree of bachelor of commerce, University of Kerala.



Ms. ASHA U

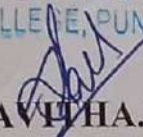
Assistant Professor on contract.
Department of Commerce

Sree Narayana College, Punalur

Punalur

Date: 29/3/2019

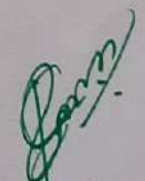
KAVITHA. K.S
H.O.D
DEPARTMENT OF COMMERCE
SN COLLEGE, PUNALUR



Ms. KAVITHA.K.S

Head of the Department of Commerce
SreeNarayana College, Punalur

Counter signed by



PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR

SREE NARAYANA COLLEGE

CERTIFICATE

This is to certify that the project entitled "**A STUDY ON THE GAINING POPULATION OF VIRTUAL BANKING AMONG COLLEGE STUDENTS**" is a bonafide work carried out by

1. HARI KRISHNAN.B
2. KAVYA M S
3. JERLIN ANN JAMES
4. ANJITHA S
5. VIJI

Under my supervision and guidance towards partial fulfillment of the requirement for the award of the Degree of bachelor of commerce, University of Kerala.



Ms.ASHA U

Assistant Professor on contract.
Department of Commerce

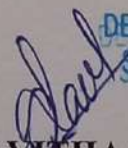
Sree Narayana College, Punalur

Punalur

Date: 29/3/2019

KAVITHA. K.S
H.O.D

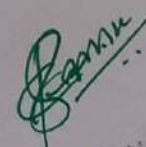
DEPARTMENT OF COMMERCE
SRI NARAYANA COLLEGE, PUNALUR



Ms. KAVITHA.K.S

Head of the Department of Commerce
SreeNarayana College, Punalur

Counter signed by



PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR

CERTIFICATE

This is to certify that the project report entitled "ROLE OF ONLINE PAYMENT APPLICATION SOFTWARE IN DEVELOPING A CASHLESS ECONOMY: WITH SPECIAL REFERENCE TO PAYTM IN PUNALUR MUNICIPALITY" is a bonafide work carried out by

MIDHUN RAJ
ANJALI A.K
KAVYA BABU
SANGEETHA SANTHOSH
AKHILA G

under my supervision and guidance towards partial fulfillment of the requirement for the award of the Degree of Bachelor of Commerce, University of Kerala

KAVITHA. K.S
H.O.D
DEPARTMENT OF COMMERCE
SN COLLEGE, PUNALUR
Ms. KAVITHA.K.S
Head of the Department of Commerce
SreeNarayana College. Punalur

Punalur

Date: 29/3/2019

Counter signed by

KAVITHA. K.S
H.O.D
DEPARTMENT OF COMMERCE
SN COLLEGE, PUNALUR
Ms. KAVITHA.K.S
Head of the Department of Commerce
SreeNarayana College. Punalur

Place: Punalur

Date: 29/3/2019

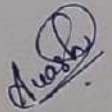
PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR

CERTIFICATE

This is to certify that the project report entitled "**A STUDY ON QUALITY OF WORKLIFE OF WOMEN EMPLOYEES IN REHABILITATION PLANTATION LIMITED PUNALUR.**" is a bonafide work carried out by

**ATHIRA S RAJU
ANANDHU B
ANANNYA RAJ
NAYANA SURENDRAN
SUMITHRA H**

under my supervision and guidance towards partial fulfillment of the requirement for the award of the Degree of Bachelor of Commerce, University of Kerala



Ms.ASHA U

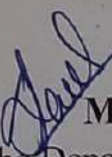
Assistant Professor on contract.
Department of Commerce
SreeNarayana College,Punalur

Punalur

Date: 29/3/2019

Counter signed by

**KAVITHA. K.S
H.O.D
DEPARTMENT OF COMMERCE
SN COLLEGE, PUNALUR**

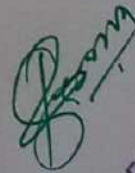


Mrs. KAVITHA.K.S

Head of the Department of Commerce
SreeNarayana College. Punalur

Place: Punalur

Date: 29/3/2019



**PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR**

CERTIFICATE

This is to certify that the project report entitled “**A STUDY ON QUALITY OF WORKLIFE OF WOMEN EMPLOYEES IN REHABILITATION PLANTATION LIMITED PUNALUR.**” is a bonafide work carried out by

**ATHIRA S RAJU
ANANDHU B
ANANNYA RAJ
NAYANA SURENDRAN
SUMITHRA H**

under my supervision and guidance towards partial fulfillment of the requirement for the award of the Degree of Bachelor of Commerce, University of Kerala

Ms.ASHA U

Assistant Professor on contract.
Department of Commerce
SreeNarayana College,Punalur



Punalur

Date: 29/3/2019

Counter signed by

**KAVITHA. K.S
H.O.D
DEPARTMENT OF COMMERCE
SN COLLEGE, PUNALUR**

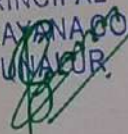
Mrs. KAVITHA.K.S

Head of the Department of Commerce
SreeNarayana College. Punalur

Place: Punalur

Date: 29/3/2019

**PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR**



SREE NARAYANA COLLEGE, PUNALUR



DEPARTMENT OF COMMERCE

Certified that this report titled "A STUDY ON THE SERVICE QUALITY OF KERALA STATE ROAD TRANSPORT CORPORATION WITH SPECIAL REFERENCE TO PUNALUR DEPOT" is a bonafide record of the project work done by.

Name of the students

1. FATHIMA.A
2. ROBIN THOMAS
3. ARUNIMA. A.R
4. PARVATHY.V.S
5. PRAVEENA. J.R

Under our supervision and guidance, towards partial fulfillment of the requirements for the award of the Degree of Bachelor of Commerce of the University of Kerala.

Place: Punalur

Date:02/04/2019

Mrs. GANGA M.R

Assistant professor

Department Of Commerce

Sree Narayana College Punalur

Counter signed by

KAVITHA K.S

Assistant Professor

Head of the department of commerce

Sree Narayana College Punalur

KAVITHA. K.S
H.O.D
DEPARTMENT OF COMMERCE
SN COLLEGE, PUNALUR

Place : Punalur

Date : 02/04/2019

PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR

SREE NARAYANA COLLEGE, PUNALUR



DEPARTMENT OF COMMERCE

Certified that this report titled **“RISE OF ONLINE SHOPPING - A STUDY ON CUSTOMERS PREFERENCE TOWARDS AMAZON WITH SPECIAL REFERENCE TO PUNALUR MUNICIPALITY”** is a bonafide record of the project work done by,

| Name of the students | Candidate code |
|----------------------|----------------|
| DEVI V | 15916133011 |
| POURNAMI B | 15916133052 |
| ORMA D KUTTAN | 15916133050 |
| ANJU G | 15916133030 |
| SARAN S | 15916133017 |

Under our supervision and guidance, towards partial fulfillment of the requirements for the award of the Degree of Bachelor of Commerce of the University of Kerala.

Place: PUNALUR

Date: 29/03/2019

Mrs. KAVITHA K S

ASSISTANT PROFESSOR

DEPARTMENT OF COMMERCE

SREE NARAYANA COLLEGE, PUNALUR

Counter signed by,

Place: PUNALUR

Date: 29/03/2019

Mrs. KAVITHA K S

ASSISTANT PROFESSOR

HEAD OF THE DEPARTMENT OF COMMERCE

SREE NARAYANA COLLEGE, PUNALUR

KAVITHA. K.S
H.O.D
DEPARTMENT OF COMMERCE
SREE NARAYANA COLLEGE PUNALUR

SREE NARAYANA COLLEGE
PUNALUR

CHEMICAL ANALYSIS OF EXTRAFLORAL NECTAR FROM RUBBER TREE

PROJECT REPORT

Submitted to Kerala University in Partial Fulfillment of the requirement for
the award of the *DEGREE OF BACHELOR OF SCIENCE IN PURE
CHEMISTRY*

Submitted By

Name of the student

1. ANJALI V T
2. ANAKHA RAJ
3. VISHNU B
4. VINEETHA KRISHNAN
5. ABHIJITH S
6. KRISHNAPRAKASH

Candidate Code

235-16133004
235-16133003
235-16133043
235-16133042
235-16133018
235-16133036

Examination code: 235-14603

Subject code: CH-1646



DEPARTMENT OF CHEMISTRY

SREE NARAYANA COLLEGE, PUNALUR

2019




PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR

EXTRACTION OF MIRACULIN FROM MIRACLE BERRY

PROJECT REPORT

Submitted to Kerala University in Partial Fulfillment of the requirement for
the award of the *DEGREE OF BACHELOR OF SCIENCE IN PURE
CHEMISTRY*

Submitted By

Name of the student

Candidate Code

1. ARDRA A P
2. SNEHA RAVEENDRAN
3. JISHNU G R
4. RAKHI R
5. RESHMA T
6. GANGA S

23516133006
23516133017
23516133014
23516133038
23516133039
23516133032

Examination code : 23514603

Subject code : CH 1646



DEPARTMENT OF CHEMISTRY

SREE NARAYANA COLLEGE, PUNALUR



2019


PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR

STUDY ON CRYSTAL GROWTH

PROJECT REPORT

Submitted to Kerala University in partial fulfillment of the requirement for the award of the DEGREE OF BACHELOR OF SCIENCE IN PURE CHEMISTRY.

BY

| NAME | | CANDIDATE CODE |
|-------------|---|----------------|
| ARYA S | ; | 23516133007 |
| ATHULYA RAJ | : | 23516133008 |
| BHAVANI T | : | 23516133009 |
| ANJU S | : | 23516133022 |
| ARYA M P | : | 23516133024 |
| GANGA S | : | 23516133033 |
| EXAM CODE | : | 23514603 |
| COURSE CODE | : | CH1646 |



DEPARTMENT OF CHEMISTRY
SREE NARAYANA COLLEGE PUNALUR

PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR

2019

**A STUDY ON THE EFFECT OF POTASSIUM BISULPHITE AS FOOD
PRESERVATIVE**

DISSERTATION

*Submitted to Kerala University in partital fulfillment of the
requirement for the award for the*

DEGREE OF BACHELOR OF SCIENCE IN CHEMISTRY

| SI NO | NAME OF CANDIDATE | CANDIDATE CODE |
|-------|-------------------|----------------|
| 1. | ALEENA B | 23516133019 |
| 2 | ATHIRA S | 23516133027 |
| 3 | ATHIRA R | 23516133026 |
| 4 | ANANDHU BHASURAN | 23516133021 |
| 5 | SUKANYA | 23516133041 |

EXAM CODE : 235114603
COURSE CODE : CH1646

*Min =
02/05/19*
Dr. Divya Jayan

(Assistant professor in Chemistry)

Signature

Under the guidance of

Arun
Lt. Dr. ARUN V

(Head of the Department)

Signature

DEPARTMENT OF CHEMISTRY

SREE NARAYANA COLLEGE, PUNALUR

(Affiliated for the university f Kerala)

April 2019



Prin
PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR

**SREE NARAYANA COLLEGE
PUNALUR**



*Submitted to University of Kerala in Partial Fulfilment of the requirement for
the award of the DEGREE OF BACHELOR SCIENCE IN PURE
CHEMISTRY*

BY

| SL. NO. | NAME OF THE CANDIDATES | CANDIDATE CODE |
|----------------|-------------------------------|-----------------------|
| 1. | Aiswarya . S | 23516133001 |
| 2. | Anjima. M.S | 23516133005 |
| 3. | Harsha. S | 23516133013 |
| 4. | Pavithra. R | 23516133016 |
| 5. | Alok Vijai. V.R | 23516133020 |
| 6. | Smitha. S | 23516133040 |

DEPARTMENT OF CHEMISTRY

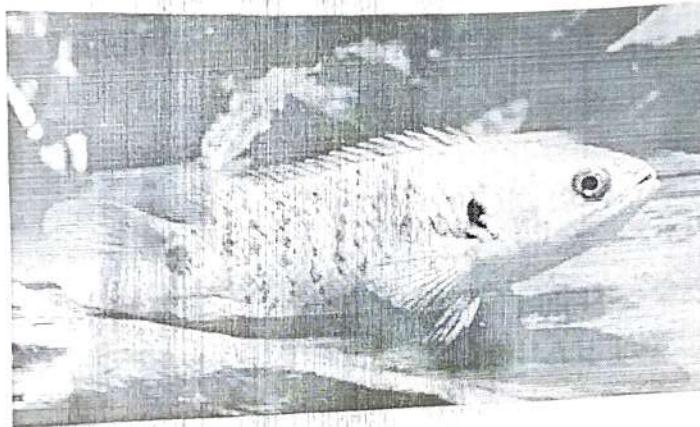
SREE NARAYANA COLLEGE PUNALUR

MARCH 2019



[Signature]
**PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR**

EFFECT OF FLUORIDE ON THE BRANCHIAL,
RENAL, INTESTINAL AND HEPATIC [Na] AND
[K] CONTENTS, OF THE CLIMBING PERCH-
ANABAS TESTUDINEUS BLOCH



Project report
submitted to the University of Kerala
for the award of the Degree of
Bachelor of Science in Zoology

Name: *Deepika Suvil*

Register Number: *25016133010*

Department of Zoology,
Sree Narayana College, Punalur
Kollam-691305, Kerala, India.

March 2019



S. S. S.
PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR

**SYNTHESIS, CRYSTALLOGRAPHIC STRUCTURE AND
OPTICAL INVESTIGATIONS ON Fe₂O₃ NANOPARTICLES**

*Project report Submitted to the University of Kerala in partial fulfillment towards the
requirements for the award of the degree of Master of Science in Physics from*

University of Kerala

AKHILA A.S

CANDIDATE CODE: 63017133004



UNDER THE SUPERVISION OF

DR .ARUN S. PRASAD


(Assistant Professor, TKMM College, Nangiarkulangara, Alappuzha)

DEPARTMENT OF PHYSICS

SN COLLEGE

PUNALUR

2017-2019


**PRINCIPAL
SREE NARAYANA COLLEGE**

**“STUDY OF LONG TERM VARIABILITY OF
MAXIMUM TEMPERATURE DURING SUMMER
SEASON OVER COASTAL KERALA”**

*Submitted in the partial fulfilment towards the requirements
for the award of degree of Master of Science in Physics
from University of Kerala*

ANJITHA NATH R

CANDIDATE CODE: 63017133006



UNDER THE SUPERVISION OF

Dr. V K MINI

Scientist E

India Meteorological Department, Thruvananthapuram

DEPARTMENT OF PHYSICS

SN COLLEGE

PUNALUR

2017-2019

**PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR**

**COMPARATIVE STUDY OF LONG TERM
VARIABILITY OF MAXIMUM TEMPERATURE
DURING SUMMER SEASON OVER URBAN, SEMI-
URBAN AND RURAL REGIONS OF KERALA**

*Project report submitted to the University of Kerala for partial fulfillment of the
award of the degree of*

Master of Science

In

Physics

By

ATHIRA P

CANDIDATE CODE: 63017133009



UNDER THE SUPERVISION OF

Dr. V K MINI

Scientist E

India Meteorological Department, Thruvananthapuram

**DEPARTMENT OF PHYSICS
SN COLLEGE**

PUNALUR

2017-2019


**PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR**

**CRYSTALLOGRAPHIC STRUCTURE AND OPTICAL
EMISSION STUDY ON NANOCRYSTALLINE Cr₂O₃
SYNTHESIZED THROUGH HESPERIDIN MEDIATION**

*Project report Submitted to the University of Kerala in partial fulfillment towards the
requirements for the award of the degree of Master of Science in Physics from*

University of Kerala

SREELEKSHMI U B

CANDIDATE CODE: 63017133015



UNDER THE SUPERVISION OF

DR. ARUN S. PRASAD

(Assistant Professor, TKMM College, Nangiarkulangara, Alappuzha)

DEPARTMENT OF PHYSICS

SN COLLEGE

PUNALUR

2017-2019

**PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR**



**DIURNAL VARIATIONS OF OXIDES OF NITROGEN, OZONE, SOLAR
RADIATION, RELATIVE HUMIDITY AND RAINFALL - A CASE STUDY
OVER THE TROPICAL COASTAL STATION
THIRUVANANTHAPURAM**

A project report submitted to University of Kerala in partial fulfilment of the
requirement for the award of the degree of

MASTER OF SCIENCE

In

PHYSICS

By

THUSHARA T

CANDIDATE CODE: 63017133017

EXAM CODE: 63014404

SUBJECT CODE: PH201



SREE NARAYANA COLLEGE

PUNALUR

UNIVERSITY OF KERALA

2017-2019

**PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR**

**VARIATION OF MAXIMUM OZONE
CONCENTRATION DURING DIFFERENT SEASON
OVER THIRUVANANTHAPURAM REGION**

*Project report submitted to the University of Kerala for partial fulfillment of the
award of the degree of*

Master of Science

In

Physics

By

ANUSREE A S

CANDIDATE CODE: 63017133008



UNDER THE SUPERVISION OF

Dr. V K MINI

Scientist E

India Meteorological Department, Thiruvananthapuram

DEPARTMENT OF PHYSICS

SN COLLEGE

PUNALUR

2017-2019

**PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR**



DIURNAL VARIATIONS OF CARBON MONOXIDE, SULPHUR
DIOXIDE, WIND SPEED, WIND DIRECTION AND RELATIVE
HUMIDITY - A CASE STUDY OVER THE TROPICAL COASTAL
STATION THIRUVANANTHAPURAM

A project report submitted to University of Kerala in partial fulfilment of the
requirement for the award of the degree of

MASTER OF SCIENCE

In

PHYSICS

By

CHINCHU T S

CANDIDATE CODE: 63017133010

EXAM CODE: 63014404

SUBJECT CODE: PH201



SREE NARAYANA COLLEGE

PUNALUR

UNIVERSITY OF KERALA

2017-2019

PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR

A handwritten signature in green ink, appearing to be 'Chin', is written over the principal's stamp.

**DIURNAL VARIATIONS OF PARTICULATE MATTERS, WIND SPEED,
WIND DIRECTION, RELATIVE HUMIDITY AND RAINFALL - A CASE
STUDY OVER THE TROPICAL COASTAL STATION
THIRUVANANTHAPURAM**

A project report submitted to University of Kerala in partial fulfilment of the
requirement for the award of the degree of

MASTER OF SCIENCE

In

PHYSICS

By

LEKSHMI V S

CANDIDATE CODE: 63017133013


EXAM CODE: 63014404

SUBJECT CODE: PH201



**SREE NARAYANA COLLEGE
PUNALUR**

**UNIVERSITY OF KERALA
2017-2019**


**PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR**

ELECTROSTATIC LEVITATION OF CHARGED DUST GRAINS ABOVE LUNAR SURFACE DURING SEPs

*Project report submitted to the University of Kerala for partial fulfillment of the
award of the degree of*

Master of Science

In

Physics

By

POOJA P

CANDIDATE CODE: 63017133014



UNDER THE SUPERVISION OF

Dr .S.B. RAKESH CHANDRAN
Assistant Professor
SD College, Alappuzha

DEPARTMENT OF PHYSICS

SN COLLEGE

PUNALUR

2017-2019

**PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR**

A handwritten signature in green ink, consisting of a stylized name and a long, sweeping underline.

**STUDY OF ANNUAL VARIATION OF OZONE
OVER KERALA AND COMPARISON OF
SATELLITE DATA WITH SONDE DATA**

*Project report submitted to the University of Kerala for partial fulfillment of the
award of the degree of*

Master of Science

In

Physics

By

SREESHMA J R

CANDIDATE CODE: 63017133016



Under the supervision of

Dr. V K MINI

Scientist-E,

Indian meteorological Department, Thiruvananthapuram.

DEPARTMENT OF PHYSICS

SN COLLEGE

PUNALUR

2017-2019

**PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR**

SREE NARAYANA COLLEGE PUNALUR



MODULE THEORY

An approach to linear Algebra

Report submitted to University of Kerala in partial fulfillment of the requirement for the award of the degree of Bachelor of Science.

by,

| Name of students | Candidate Code: |
|---------------------|-----------------|
| Aiswarya Krishnan K | 22016133003 |
| Ajini S S | 22016133004 |
| Arya Mohan | 22016133024 |
| Muhammed Sahad S | 22016133032 |
| Pooja Pradeep | 22016133033 |

Examination Code : 22014603

Subject Code : MM1646

Under the Guidance of

Ansiya M

Assistant Professor,(On Contract)

April, 2019



PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR

GROUP REPRESENTATION AND CHARACTER THEORY

*Dissertation submitted to the University of Kerala
in partial fulfilment of the requirements for the award of
First Degree Programme in B.Sc. Mathematics (CBCSS)*

| By | Candidate code |
|------------|----------------|
| Sreethu | : 22016133015 |
| Anjana J A | : 22016133022 |
| Ansiya A | : 22016133023 |
| Madhav A | : 22016133029 |
| Anijith T | : 22016133008 |

Exam code : 22014603

Project code : MM 1646

SREE NARAYANA COLLEGE, PUNALUR

2016-2019



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PUNALUR



SREE NARAYANA COLLEGE PUNALUR

DEPARTMENT OF MATHEMATICS

STUDY ON FAREY SEQUENCE

(2016-2019)

Submitted by

NAME OF STUDENT

ABIN A B

FATHIMA BEEVI S

SNEHA P SUNIL

AMRUTHA A P

MIDHUN KUMAR M

CANDIDATE CODE

22016133002

22016133011

22016133014

22016133018

22016133031

EXAMINATION CODE

: 220

COURSE CODE

: 1646


UNDER THE GUIDENCE OF

: Dr. DIVYA SADASIVAN

ASSISTANT PROFESSOR

DEPARTMENT OF MATHEMATICS




PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR

SREE NARAYANA COLLEGE PUNALUR

2016-19

STUDY OF INDUSTRIAL MATHEMATICS
MATHEMATICS PROJECT

Department of Mathematics

*VI semester First Degree Program in
Mathematics (CBCSS)*

Name of the Candidate : GOUTHAM KRISHNAN C.A., ABILA BABY,
MANJU M. NAIR, JISSA JOY, PRAVEENA.P
Admission No : 34132,
Candidate Code : 22016133027,22016133017,22016133030,
22016133012,22016133034
Exam Centre Name : S.N College, Punalur
Exam Month & Year : April 2019
Year of Study : 2016-2019


Examiners



C. Babu.

Certified Bonafied

C. Babu
29.04.19.


PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR

METRIC SPACES

DISSERTATION

SUBMITTED TO THE UNIVERSITY OF KERALA IN PARTIAL
FULFILLMENT OF THE REQUIREMENTS FOR THE AWARDS OF FIRST
DEGREE PROGRAM IN BSC MATHEMATICS (CBCSS)

By

| NAME | CANDIDATE CODE |
|-----------------|----------------|
| AKHIL PRAKASH | 22016133007 |
| ARYA A KRISHNAN | 22016133010 |
| SACHIN. R | 22016133013 |
| AMRUTHA. M | 22016133019 |
| GADHA REMESH | 22016133026 |

Exam code: 22014603

Subject code: MM 1646

DEPARTMENT OF MATHEMATICS

SREE NARAYANA COLLEGE, PUNALUR

2016-2019



PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR



A STUDY ON CONSERVATION OF MASS, EQUATION AND ITS APPLICATIONS

Dissertation submitted to the University of Kerala in
partial fulfillment of the requirements for the award of
First Degree programme in B.Sc. Mathematics (CBCSS)

| By | Candidate code |
|-------------------|----------------|
| Ajmal N S | : 22016133005 |
| Anakha S Chandran | : 22016133020 |
| Deepu S | : 22016133025 |
| Lijily J Panicker | : 22016133028 |
| Ragi Rajendran | : 22016133036 |


Exam code : 22014603

Project code : MM 1646

SREE NARAYANA COLLEGE, PUNALUR

2016-2019




PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR



SREE NARAYANA COLLEGE PUNALUR



BOOLEAN ALGEBRA AND IT'S APPLICATIONS

Report submitted to University of kerala in partial fulfillment of the requirement for the award of the degree of Bachelor of Science.

Submitted by,

Name of students

Candidate Code:

Abhilash .K

22016133001

Akhil A G

22016133006

Anu S Kumar

22016133009

Anjali Mol S

22016133021

Preeja J

22016133035

Examination Code : 22014603

Subject Code : MM1646

Under the Guidance of : Dr. S Baiju . Msc, B.Ed, PhD

Head of the Department, Mathematics

Month & Year : April, 2019



Sri. C. Babu

Sub. Gumm
29.04.19.

Principal
PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR

HISTORY OF THELLIYOORKAVU VRISCHIKA VANIBHAM

Project submitted to the University of Kerala in
partial fulfilment of the requirement for the award of Degree of
Bachelor of Arts under CBCSS, First Degree Programme in History.

Submitted By:

| Sl. No | Name of the Student | Candidate Code |
|--------|---------------------|----------------|
| 1 | AMAL A.S | 14016133016 |
| 2 | AMARJYOTHI K.S | 14016133018 |
| 3 | ANAKHA R. S | 14016133020 |
| 4 | ARYA LEKSHMI A | 14016133004 |
| 5 | MEENU MANOJ | 14016133039 |

Subject code: HY 1645

Examination code: 14014603

Under guidance of

Prof. SHIBU.T



DEPARTMENT OF HISTORY

SN COLLEGE

PUNALUR

March 2019

Verified
[Signature]

[Signature]
DEPARTMENT OF HISTORY
SN COLLEGE
PUNALUR

PRE-HISTORIC EVIDENCE IN KOLLAM DISTRICT WITH SPECIAL REFERECE TO ARIPPA

Project submitted to the University of Kerala in partial fulfillment of the requirement for the award of degree of Bachelor of Arts under C B C S S, First Degree Programme in History.

Submitted by:

| SL.NO | Name of Student | Candidate Code |
|-------|------------------|----------------|
| 1 | Ansu Alex Lukose | 14016133024 |
| 2 | Amala Bhaskaran | 14016133017 |
| 3 | Bini B S | 14016133030 |
| 4 | Arya G | 14016133026 |
| 5 | Krishnakumar H | 14016133038 |

Subject Code: HY 1645

Examination Code: 14014603

Under the Guidance of

SOFIYAMOLA



Department of History

Sree Narayana College

Punalur

April 2019

Verified
[Signature]
30/04-2019

[Signature]
PRINCIPAL-IN-CHARGE
SREE NARAYANA COLLEGE
PUNALUR

A BRIEF HISTORY OF COURTALLAM PALACE

Project submitted to the University of Kerala in
partial fulfillment of the requirement for the award of Degree of
Bachelor of Arts under CBCSS, first Degree Programme in History

Submitted by:

| Sl. No | Name of Student | Candidate code |
|--------|---------------------|----------------|
| 1. | Muhammed Anas. A | 14016133041 |
| 2. | Jojo Varghese | 14016133037 |
| 3. | Lakshmi Prasad | 14016133007 |
| 4. | Athira. B | 14014133015 |
| 5. | Varsha Unnikrishnan | 14016133057 |

Subject code : HY 1645

Examination code : 14014603

Under the guidance of

ATHULYA M. R



Department of History

Sree Narayana College

Punalur

April 2019

Verified.
[Signature]
20/04/2019
Dr. SAJEEV

[Handwritten mark]
PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR

PUNALUR BALAN: A POET OF PINK DECADE

Project submitted to the University of Kerala in partial fulfillment of the requirement for the award of degree of Bachelor of Arts under CBCSS, First Degree Programme in History.

Submitted by:

| Sl. No. | Name of Student | Candidate Code |
|---------|-----------------|----------------|
| 1. | Akhil Dev | 140-16133013 |
| 2. | Devika S. | 140-16133006 |
| 3. | Sruthi Murukan | 140-16133053 |
| 4. | Timin M. Thomas | 140-16133009 |
| 5. | Varsha Satheesh | 140-16133056 |

Subject Code :HY1645

Examination Code : 14014603

Under the Guidance of

SHIBU. T



Department of History

Sree Narayana College

Punalur

April 2019

Verified
[Signature]
Rajini

[Signature]
PRINCIPAL-IN-CHARGE
SREE NARAYANA COLLEGE
PUNALUR

CAPUCHIN CHARUCH IN KERALA

Project submitted to the university of Kerala in partial fulfillment of the requirement for the award of the Degree of Bachelor of Arts under CBCSS, First Degree programme in History.

SUBMITTED BY :

| SL.NO. | NAME OF STUDENT | CANDIDATE CODE |
|--------|-----------------|----------------|
| 1. | AMRUTHAMOL .V.G | 14016133019 |
| 2. | MEGHA.S | 14016133040 |
| 3. | PRAVEEN P.B | 14016133045 |
| 4. | SOORAJ D.S | 14016133047 |
| 5. | SOUMINI S | 14016133048 |

Subject code : HY 06

Examination code : 14014603

Under guidance of Smt. Sofiyamol A



DEPARTMENT OF HISTORY

SREENARAYANACOLLEGE

PUNALUR

APRIL 2019

*Verified -
Smt. Sofiyamol A
Rishy*

[Handwritten signature]
SREENARAYANACOLLEGE
PUNALUR

KERALA STATE ROAD TRANSPORT CORPORATION

Project submitted to the University of Kerala in partial fulfillment of the requirement for the award of Degree of Bachelor of Arts under CBCSS, First Degree Programme in History.

Submitted by

| SL. No. | Name of Students | Candidate Code |
|---------|------------------|----------------|
| 01 | Anju V | 14016133021 |
| 02 | Anju L S | 14016133022 |
| 03 | Binoop Babu | 14016133032 |
| 04 | Gayathri T S | 14016133033 |
| 05 | Geethu S | 14016133034 |

Subject Code : HY1645

Examination Code : 14014603

Under the guidance of

SOFIYA MOL A



**DEPARTMENT OF HISTORY
SREE NARAYANA COLLEGE**

PUNALUR

APRIL 2019

Verified.
[Signature]
30/04/2019

[Signature]
PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR

AKHILA KERALA BALAJANASAKHYAM

Project submitted to the University of Kerala in partial fulfillment of the requirement for the award of the Degree of Bachelor of Arts under C.B.C.S.S. , First Degree Programme in History

Submitted by:

| SI. No. | Name of Student | Candidate Code |
|---------|-----------------|----------------|
| 1 | Aswathy S | 140-16133027 |
| 2 | Athulya M | 140-16133028 |
| 3 | Binil Baiju | 140-16133031 |
| 4 | Nafila N | 140-16133042 |
| 5 | Sreethu Prasad | 140-16133051 |

Subject Code : HY 1645

Examination Code : 14014603

Under the Guidelines of

Sri .SHIBU . T



Department of History
Sree Narayana College
Punalur
March 2019

PRINCIPAL IN CHARGE
SREE NARAYANA COLLEGE
PUNALUR

Verified
S. B. Rishy . N

SOCIAL FORESTRY IN KERALA

Project submitted to the University of Kerala in partial fulfillment of the requirement for the award of Degree of Bachelor of Art under CBCSS, First Degree Programme in History

Submitted By:

| SL. NO | NAME OF THE STUDENTS | CANDIDATE CODE |
|--------|----------------------|----------------|
| 1 | ABHILASH. S | 14016133011 |
| 2 | JITHIN CHANDRAN | 14016133036 |
| 3 | NAFIYA NAZEER | 14016133043 |
| 4 | NEEMA PRATHAP | 14016133044 |
| 5 | SUFIYA. H | 14016133055 |

Subject Code: HY1645

Examination Code: 14014603

Under the guidance of

Mr. SHIBU T



Department of History

Sree Narayana College Punalur

April 2019

Neeraj
Shibu T
Rishy N

PRINCIPAL IN-CHARGE
SREE NARAYANA COLLEGE
PUNALUR

MURAL PAINTINGS IN KERALA WITH SPECIAL REFERENCE TO NAPIER MUSEUM

Project submitted to the University of Kerala in partial fulfillment of
the requirements for the award of the degree of Bachelor of Arts under
C. B. C. S. S., First Degree Programme in History

Submitted by

| SL. NO. | NAME OF THE CANDIDATE | CANDIDATE CODE |
|---------|-----------------------|----------------|
| 1. | Akhila Jyothi. P. S | 14016133015 |
| 2. | Anooja. N. Nair | 14016133023 |
| 3. | Sreekuttan P. S | 14016133050 |
| 4. | Sreethu Thulasi | 14016133052 |
| 5. | Sufi. S. S | 14016133054 |

Subject Code : HY 1645

Examination Code : 14014603

Under the Guidance of

Athulya M.R



Department of History

SREE NARAYANA COLLEGE, PUNALUR

April 2019

Verified
[Signature]
30/04/2019

[Signature]
PRINCIPAL-IN-CHARGE
SREE NARAYANA COLLEGE
PUNALUR

EIGHTY YEARS OF KADAKKL REBELLION

Project submitted to the University of Kerala in

Partial fulfillment of the requirement for the award of Degree of
Bachelor of Arts under CBCSS, First Degree Programme in History

Submitted by:

| Sl. No | Name of Student | Candidate Code |
|--------|-----------------|----------------|
| 1. | Ajesh. S | 14016133012 |
| 2. | Vishnu. S | 14016133010 |
| 3. | Akhil Raj | 14016133001 |
| 4. | Arya. V.S | 14016133005 |
| 5. | Akhila. G.M | 14016133014 |
| 6. | Silpa Ullas | 14016133046 |

Subject Code : HY 1645

Examination Code : 14014603

Under the guidance of

ATHULYA M. R



Department of History

Sree Narayana College Punalur April 2019

April 2019

Verified
30/04/2019

Bama's *Karukku*: Dalit Autobiography as Testimonio

Dissertation submitted to the University of Kerala in
partial fulfilment of the requirements for the award of the
Degree of Bachelor of Arts

Name of the Candidates with Candidate codes :

| | | |
|---------------|---|--------------|
| Sreerag G. S. | : | 133 16133001 |
| Vaishnavi D. | : | 133 16133002 |
| Akhila K. S. | : | 133 16133008 |
| Anagha S. Raj | : | 133 16133010 |
| Gopika Raj | : | 133 16133020 |

Course Code CG1644

Sree Narayana College, Punalur

2018-2019



Exploration of the Female Psyche in Imtiaz Ali's *Highway*

Dissertation submitted to the University of Kerala in partial fulfillment

of the requirements for the award of the

Degree of Bachelor of Arts in English and Communicative English

Name of Candidates with Candidate's Code:

1. Akshaya Krishna : 133-16133009
2. Ashna Raj B : 133-16133017
3. Chandana S : 133-16133019
4. Sivakumar S : 133-16133029
5. Vinayak P R : 133-16133031

Course Code CG 1644

Sree Narayana College, Punalur

2018-2019



**FINANCIAL ASSISTANCE PROVIDED BY GOVERNMENT
TO THE INFORMAL SECTOR;
A CASE STUDY OF FISHERMEN
IN NEENDAKARA, KOLLAM.**

Dissertation submitted to the University of Kerala in partial fulfillment of the requirement for the award of Degree of Bachelor of Arts under CBCSS, First Degree Programme in Economics.

Submitted by :

| Sl.No | Name of Students | Candidate code |
|-------|------------------|----------------|
| 1. | Akhil.M | 15016133010 |
| 2. | Arya R.N | 15016133018 |
| 3. | Kavitha.S.Raj | 15016133029 |
| 4. | Kavya P.S | 15016133030 |
| 5. | Rajil Rajendran | 15015133036 |

Subject Code : EC 1645

Examination Code : 15015602

Under the guidance of

SOUMYA VISWAMBHARAN



**PRINCIPAL IN-CHARGE
SREE NARAYANA COLLEGE
PUNALUR**



**DEPARTMENT OF ECONOMICS
SREE NARAYANA COLLEGE PUNALUR**

APRIL 2019

**OPERATIONAL ANALYSIS OF KERALA STATE ROAD
TRANSPORT CORPORATION FROM 2014 TO 2017, WITH
SPECIAL REFERENCE TO KOLLAM BUS DEPOT**

*Dissertation submitted to the University of Kerala in partial fulfillment of the
requirement for the award of the Degree of Bachelor of Arts under C.B.C.S.S First
Degree Programme in Economics.*

Submitted by:

| Sl.No | Name of Student | Candidate code |
|--------------|------------------------|-----------------------|
| 1 | Asthakamal | 150-16133003 |
| 2. | Vrindha V.S | 150-16133008 |
| 3. | Anuja M.R | 150-16133016 |
| 4. | AswinUdhayan | 15016133021 |
| 5. | Monisha Raj | 15016133037 |

Subject code : EC 1654
Examination code : 15015602

Under the Guidance of

Asst. Prof. SOUMYA VISWAMBHARAN



**DEPARTMENT OF ECONOMICS
SREE NARAYANA COLLEGE
PUNALUR
APRIL 2019**



**PRINCIPAL-IN-CHARGE
SREE NARAYANA COLLEGE
PUNALUR**

**A STUDY ON THE ROLE OF KUDUMBASHREE IN WOMEN
EMPOWERMENT WITH SPECIAL REFERENCE TO VILAKKUDY
PANCHAYAT**

*Dissertation submitted to the University of Kerala in partial Fulfillment of
the requirement for the award of the Degree of Bachelor of Arts under
C.B.C.S.S First Degree Programme in Economics.*

Submitted by:

| Sl.No | Name of Student | Candidate code |
|-------|------------------|----------------|
| 1. | Vishnu. C | 15016133007 |
| 2. | Arya. S | 15016133019 |
| 3. | JithinPrakash. J | 15016133027 |
| 4. | Keerthika.P | 15016133031 |
| 5. | Reenasusansam | 15016133043 |

Subject Code : EC 1645

Exam code : 15015104

Under the Guidance of : SOUMYA VISWAMBHARAN



DEPARTMENT OF ECONOMICS

SREE NARAYANA COLLEGE PUNALUR

MARCH 2019



PRINCIPAL-IN-CHARGE
SREE NARAYANA COLLEGE
PUNALUR

**A STUDY ON DDU-GKY, A RURAL DEVELOPMENT PROGRAMME WITH
SPECIAL REFERENCE TO ANCHAL BLOCK**

Dissertation submitted to the University of Kerala in partial fulfillment of the
requirement for the award of Degree of Bachelor of Arts under CBCSS, First
Degree Programme in Economics.

Submitted by:

| SL.NO | Name of students | Candidate code |
|-------|------------------|----------------|
| 1. | SHIBINA.M.S | 15016133006 |
| 2. | ABHIJITH.S | 15016133009 |
| 3. | ANANDHU GOPAN | 15016133014 |
| 4. | KRISHNAPRIYA ·H | 15016133033 |
| 5. | VIDHYA.S | 15016133049 |

Subject code: **EC 1635**

Examination code: 15015602

Under the Guidance of

SOUMYA VISHWAMBHARAN



**PRINCIPAL-IN-CHARGE
SREE NARAYANA COLLEGE
PUNALUR**

Department of Economics

Sree Narayana College, Punalur

April 2019



**EMPLOYEES SATISFACTION OF DAIRY CO-OPERATIVES WITH
SPECIAL REFERENCE TO KURIOTTUMALA HI-TECH FARM**

*Dissertation Submitted to the University of Kerala in partial fulfillment
of the requirement for the award of the Degree of Bachelor of Arts under C.B.C.S.S
first degree programme in Economics*

Submitted by

| Sl. No | Name of the Student | Candidate code |
|--------|---------------------|----------------|
| 1 | Akshaya P | 15016133012 |
| 2 | Amrutha B.S | 15016133013 |
| 3 | Aswani P | 15016133020 |
| 4 | Reshmi Suraj | 15016133045 |

Examination code: 150-15601

Subject Code: EC 1645

Under the guidance of

Ms. SOUMYA VISWAMBHARAN

Assistant Professor of Economics



DEPARTMENT OF ECONOMICS

SREE NARAYANA COLLEGE

PUNALUR

APRIL 2019

**PRINCIPAL-IN-CHARGE
SREE NARAYANA COLLEGE
PUNALUR**



**ONLINE SHOPPING-BEHAVIOUR OF COLLEGE GOING
YOUNG ADULTS-A CASE STUDY WITH SPECIAL
REFERENCE
S N COLLEGE, PUNALUR**

Dissertation submitted to the University of Kerala in partial Fulfillment of
the requirement for the award of the Degree of Bachelor of Arts under
CB.CSS First Degree Programme in Economics.

Submitted by

| Sl. No | Name of students | Candidate code |
|--------|-------------------|----------------|
| 1 | ABIN M S | 15019133010 |
| 2 | ADITHYAN S J | 15019133013 |
| 3 | AMAL THAMPI S T | 15019133019 |
| 4 | MUHAMMAD SHEBIN S | 15019133043 |
| 5 | RIJIN M SHIBU | 15019133049 |
| 6 | SHABEER KHAN | 15019133050 |

Course Code: EC 1645
Exam Code : 15019601

Under the Guidance of

SOUMYA VISWAMBHARAN




PRINCIPAL-IN-CHARGE
SREE NARAYANA COLLEGE
PUNALUR

**Department Of Economics
Sree Narayana College, Punalur, Kollam**


COMPLEXATION BEHAVIOR OF 3-HYDROXYQUINOXALINE-2-CARBOXALIDENE-2-AMINO PHENOL WITH Cu(II) SALTS

THE DISSERTATION SUBMITTED TO
THE UNIVERSITY OF KERALA
IN PARTIAL FULFILMENT OF
THE REQUIREMENT FOR
THE DEGREE OF

MASTER OF SCIENCE
IN CHEMISTRY

2019




PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR

COMPLEXATION BEHAVIOR OF 3-HYDROXYQUINOXALINE-2-CARBOXALIDENE-2-AMINO PHENOL WITH Cu(II) SALTS

Name of Candidate : Shruti Natraj
Candidate code : 63516133011
Exam code : 63516402
Subject Code : CH243

DEPARTMENT OF CHEMISTRY

2019

Shruti Natraj
6/10/19



SYNTHESIS AND CHARACTERISATION OF LITHIUM TITANATE FROM METATITANIC ACID

PROJECT WORK

Submitted to the University of Kerala in partial fulfillment of the
requirements for the MSc degree programme in chemistry (635)

2017 ADMISSION
(SEMESTER SYSTEM)

BY

AISWARYALAL

(Reg.no:63517133001)




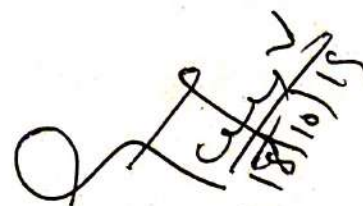
DEPARTMENT OF CHEMISTRY
SREE NARAYANA COLLEGE
PUNALUR

SEPTEMBER 2019


PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR




18/10/2019


18/10/19


18/10/2019

**SYNTHESIS OF ULTRAFINE TITANIUM
DIOXIDE: CHARACTERIZATION, PROPERTY
AND APPLICATION STUDY**

Dissertation submitted

In partial fulfillment of the requirements

For the award of the degree of

MASTER OF SCIENCE

IN

CHEMISTRY

By

AJA THOMAS

Candidate code: 63517133002

(2017 ADMISSION)



DEPARTMENT OF CHEMISTRY

SREE NARAYANA COLLEGE

PUNALUR

SEPTEMBER 2019

[Signature]
PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR



[Signature]
18/10/19

HYDRO GEOCHEMISTRY OF KARAMANA RIVER: NATURAL AND ANTHROPOGENIC CONTROLLING FACTORS

Dissertation Submitted to the University of Kerala

In the partial fulfillment of the Degree of

Master of Science in Chemistry

By

ANJU L.

Reg.No: 63517133003



DEPARTMENT OF CHEMISTRY

SREE NARAYANA COLLEGE PUNALUR

Under the Supervision of

Mr. BADIMELA UPENDRA

SCIENTIST

HYDROLOGICAL PROCESSES GROUP



Prin
PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR

NATIONAL CENTRE FOR EARTH SCIENCE STUDIES

AKKULAM, THIRUVANATHAPURAM

JULY 2018



Th
18/10/2018

Prin
19/10/18

Prin
18/10/2018

**GLASER-TYPE COUPLING OF TERMINAL ALKYNES USING
COUMARIN SUBSTITUTED (BENZ)IMIDAZOLIUM BROMIDES
AND COPPER IODIDE SYSTEMS**

PROJECT WORK

Submitted to the University of Kerala in partial fulfillment of the requirements for
the MSc degree programme in chemistry (635)

**2017 ADMISSION
(SEMESTER SYSTEM)**

BY

JYOTHI LEKSHMI M.V.

(Reg.no:63517133006)



**DEPARTMENT OF CHEMISTRY
SREE NARAYANA COLLEGE**

PUNALUR

SEPTEMBER 2019

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PRINCIPAL
SREE NARAYANA COLLEGE
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18/10/19



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18/10/2019

**DEVELOPMENT OF A SPACE COMPOSITE FILM FOR
ELECTROSTATIC CHARGE MITIGATION**

Dissertation submitted to the University of Kerala

In the partial fulfilment of the Degree of

Master of Science in Chemistry (635)

BY

LAJISHA P V

(Reg. No: 63517133008)



DEPARTMENT OF CHEMISTRY

SREE NARAYANA COLLEGE

PUNALUR

SEPTEMBER 2019

Under the guidance of

Dr. SIVA RAMA KRISHNA V



**PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR**

POLYMERS AND SPECIAL CHEMICALS DIVISION

VIKRAM SARABHAI SPACE CENTRE

THIRUVANANTHAPURAM



**Tha
Lajisha P V**

18/10/19

**THEORETICAL INSIGHTS ON THE VIBRATIONAL PROPERTIES,
REACTIVITY PROPERTIES AND BIOLOGICAL ACTIVITY OF A
NITROCHALCONE**

Project Report

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

MASTER OF SCIENCE

In

CHEMISTRY

By

SHADIYA NIHLA P.N.

(Reg. No: 63517133011)



**DEPARTMENT OF CHEMISTRY
SREE NARAYANA COLLEGE, PUNALUR**

SEPTEMBER 2019




**PRINCIPAL
SREE NARAYANA COLLEGE
PUNALUR**

**ESTIMATION OF ENERGY TRANSFER IN MULTI-DYE
ENCAPSULATED SILICA SHELLS ON PLASMONIC
NANOPARTICLES**

Dissertation submitted to the University of Kerala

In the partial fulfillment of the Degree of

Master of Science in Chemistry (635)

BY

SHIJINA M P

(Reg.No:63517133012)



DEPARTMENT OF CHEMISTRY

SREE NARAYANA COLLEGE

PUNALUR

SEPTEMBER 2019

Under the Guidance of

Dr. Shajesh Palantavida



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SREE NARAYANA COLLEGE
PUNALUR**

CENTRE FOR NANO AND MATERIAL SCIENCE

JAIN DEEMED-TO-BE UNIVERSITY

BANGALORE

Thomy
18/10/2019

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18/10/19

PREPARATION OF PLASTER OF PARIS FROM RED GYPSUM

PROJECT WORK

Submitted to the University of Kerala in partial fulfillment of the
requirements for the MSc degree programme in chemistry (635)

2017 ADMISSION

(SEMESTER SYSTEM)

BY

SOBIRA BEEVI L

(Reg.no:63517133013)



DEPARTMENT OF CHEMISTRY

SREE NARAYANA COLLEGE

PUNALUR

APRIL 2019



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18/10/2019

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SREE NARAYANA COLLEGE
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18/10/19

**SYNTHESIS AND CHARACTERIZATION OF COUMARIN
SUBSTITUTED 1,2,4- TRIAZOLIUM BROMIDES AND THEIR
APPLICATION IN GLASER- TYPE COUPLING IN COMBINATION
WITH COPPER IODIDE**

PROJECT WORK

Submitted to the University of Kerala in partial fulfilment of the requirements for the
MSc degree programme in Chemistry (635)

2017 ADMISSION

(SEMESTER SYSTEM)

BY

VANDANA VENUGOPAL

(Reg. No. 63517133015)



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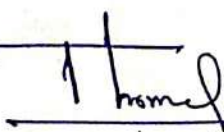
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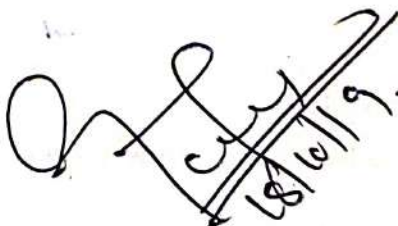
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18/10/2019


18/10/19.

**SYNTHESIS, CRYSTALLOGRAPHIC STRUCTURE AND
OPTICAL INVESTIGATIONS ON Fe₂O₃ NANOPARTICLES**

*Project report Submitted to the University of Kerala in partial fulfillment towards the
requirements for the award of the degree of Master of Science in Physics from*

University of Kerala

AKHILA A.S

CANDIDATE CODE: 63017133004



UNDER THE SUPERVISION OF

DR .ARUN S. PRASAD


(Assistant Professor, TKMM College, Nangiarkulangara, Alappuzha)

DEPARTMENT OF PHYSICS

SN COLLEGE

PUNALUR

2017-2019


**PRINCIPAL
SREE NARAYANA COLLEGE**

**“STUDY OF LONG TERM VARIABILITY OF
MAXIMUM TEMPERATURE DURING SUMMER
SEASON OVER COASTAL KERALA”**

*Submitted in the partial fulfilment towards the requirements
for the award of degree of Master of Science in Physics
from University of Kerala*

ANJITHA NATH R

CANDIDATE CODE: 63017133006



UNDER THE SUPERVISION OF

Dr. V K MINI

Scientist E

India Meteorological Department, Thruvananthapuram

DEPARTMENT OF PHYSICS

SN COLLEGE

PUNALUR

2017-2019

**PRINCIPAL
SREE NARAYANA COLLEGE
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**COMPARATIVE STUDY OF LONG TERM
VARIABILITY OF MAXIMUM TEMPERATURE
DURING SUMMER SEASON OVER URBAN, SEMI-
URBAN AND RURAL REGIONS OF KERALA**

*Project report submitted to the University of Kerala for partial fulfillment of the
award of the degree of*

Master of Science

In

Physics

By

ATHIRA P

CANDIDATE CODE: 63017133009



UNDER THE SUPERVISION OF

Dr. V K MINI

Scientist E

India Meteorological Department, Thruvananthapuram

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**PRINCIPAL
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**CRYSTALLOGRAPHIC STRUCTURE AND OPTICAL
EMISSION STUDY ON NANOCRYSTALLINE Cr₂O₃
SYNTHESIZED THROUGH HESPERIDIN MEDIATION**

*Project report Submitted to the University of Kerala in partial fulfillment towards the
requirements for the award of the degree of Master of Science in Physics from*

University of Kerala

SREELEKSHMI U B

CANDIDATE CODE: 63017133015



UNDER THE SUPERVISION OF

DR. ARUN S. PRASAD

(Assistant Professor, TKMM College, Nangiarkulangara, Alappuzha)

DEPARTMENT OF PHYSICS

SN COLLEGE

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**PRINCIPAL
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**DIURNAL VARIATIONS OF OXIDES OF NITROGEN, OZONE, SOLAR
RADIATION, RELATIVE HUMIDITY AND RAINFALL - A CASE STUDY
OVER THE TROPICAL COASTAL STATION
THIRUVANANTHAPURAM**

A project report submitted to University of Kerala in partial fulfilment of the
requirement for the award of the degree of

MASTER OF SCIENCE

In

PHYSICS

By

THUSHARA T

CANDIDATE CODE: 63017133017

EXAM CODE: 63014404

SUBJECT CODE: PH201



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UNIVERSITY OF KERALA

2017-2019

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**VARIATION OF MAXIMUM OZONE
CONCENTRATION DURING DIFFERENT SEASON
OVER THIRUVANANTHAPURAM REGION**

*Project report submitted to the University of Kerala for partial fulfillment of the
award of the degree of*

Master of Science

In

Physics

By

ANUSREE A S

CANDIDATE CODE: 63017133008



UNDER THE SUPERVISION OF

Dr. V K MINI

Scientist E

India Meteorological Department, Thiruvananthapuram

DEPARTMENT OF PHYSICS

SN COLLEGE

PUNALUR

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SREE NARAYANA COLLEGE
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DIURNAL VARIATIONS OF CARBON MONOXIDE, SULPHUR
DIOXIDE, WIND SPEED, WIND DIRECTION AND RELATIVE
HUMIDITY - A CASE STUDY OVER THE TROPICAL COASTAL
STATION THIRUVANANTHAPURAM

A project report submitted to University of Kerala in partial fulfilment of the
requirement for the award of the degree of

MASTER OF SCIENCE

In

PHYSICS

By

CHINCHU T S

CANDIDATE CODE: 63017133010

EXAM CODE: 63014404

SUBJECT CODE: PH201



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UNIVERSITY OF KERALA

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**DIURNAL VARIATIONS OF PARTICULATE MATTERS, WIND SPEED,
WIND DIRECTION, RELATIVE HUMIDITY AND RAINFALL - A CASE
STUDY OVER THE TROPICAL COASTAL STATION
THIRUVANANTHAPURAM**

**A project report submitted to University of Kerala in partial fulfilment of the
requirement for the award of the degree of**

MASTER OF SCIENCE

In

PHYSICS

By

LEKSHMI V S

CANDIDATE CODE: 63017133013


EXAM CODE: 63014404

SUBJECT CODE: PH201



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2017-2019**


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ELECTROSTATIC LEVITATION OF CHARGED DUST GRAINS ABOVE LUNAR SURFACE DURING SEPs

*Project report submitted to the University of Kerala for partial fulfillment of the
award of the degree of*

Master of Science

In

Physics

By

POOJA P

CANDIDATE CODE: 63017133014



UNDER THE SUPERVISION OF

Dr .S.B. RAKESH CHANDRAN
Assistant Professor
SD College, Alappuzha

DEPARTMENT OF PHYSICS

SN COLLEGE

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A handwritten signature in green ink, consisting of a stylized 'P' followed by a long, sweeping horizontal line that curves upwards at the end.

**STUDY OF ANNUAL VARIATION OF OZONE
OVER KERALA AND COMPARISON OF
SATELLITE DATA WITH SONDE DATA**

*Project report submitted to the University of Kerala for partial fulfillment of the
award of the degree of*

Master of Science

In

Physics

By

SREESHMA J R

CANDIDATE CODE: 63017133016



Under the supervision of

Dr. V K MINI

Scientist-E,

Indian meteorological Department, Thiruvananthapuram.

DEPARTMENT OF PHYSICS

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**PRINCIPAL
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ALGEBRAIC NUMBER THEORY

*Dissertation submitted to the University of Kerala in partial fulfillment of
the requirement for the award of the degree of Master of Science in
Mathematics*



2017 - 2019


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SREE NARAYANA COLLEGE
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A STUDY ON LINEAR FRACTIONAL PROGRAMMING PROBLEMS

Dissertation submitted to the University of Kerala in partial fulfillment of
the requirement for the award of the degree of Master of Science in
Mathematics



2017-2019


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AN INTRODUCTION TO LIE ALGEBRA

Dissertation submitted to the UNIVERSITY OF KERALA in partial fulfillment of the requirements for the degree of MASTER OF SCIENCE in MATHEMATICS



University of Kerala

2017 – 2019



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SREE NARAYANA COLLEGE
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A STUDY ON FUNCTIONAL CALCULAS OF BOUNDED OPERATORS

*Dissertation submitted to the University of Kerala in partial fulfillment of the
requirement for the award of the degree of Master of Science in Mathematics.*



2017-2019


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SREE NARAYANA COLLEGE
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A STUDY ON GENERAL LINEAR GROUPS

*Dissertation submitted to the University of Kerala in partial fulfilment of
the requirement for the award of the degree of Master of Science in*

Mathematics



2017-2019


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TOPOLOGICAL VECTOR SPACES

Dissertation Submitted to the University of Kerala in partial fulfillment of

the requirements for the award of the Degree of Masters of Science in

Mathematics.



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A STUDY ON
COMPLETELY 0-SIMPLE SEMIGROUPS

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the requirement for the award of the degree of Master of Science in
Mathematics.



2017-2019


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ABEL's INTEGRAL EQUATION
AND
APPLICATIONS OF INTEGRAL
EQUATIONS

*Dissertation submitted to the University of Kerala in partial fulfillment of
the requirement for the award of the degree of Master of Science in
Mathematics*



2017 - 2019


PRINCIPAL
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REPRESENTATION THEORY; BASICS

Dissertation submitted to the University of Kerala

on partial fulfillment of the requirement

for the award of the degree of

Master of Science in Mathematics.



2017 – 2019


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CALCULUS OF VARIATION

*Dissertation submitted to the University of Kerala in partial fulfillment of
the requirement for the award of the degree of Master of Science in
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NOETHERIAN RING AND ARTINIAN RING AND ITS APPLICATIONS

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the award of the degree of Master of Science in*

Mathematics




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2017 – 2019

**TENSORS IN RIEMANNIAN SPACES AND RIEMANN –
CHRISTOFFEL CURVATURE TENSOR**


Dissertation submitted to the University of Kerala in partial fulfillment of the
requirements for the award of the degree of Master of Science in

Mathematics

**DEPARTMENT OF MATHEMATICS SREE NARYANA
COLLEGE PUNALUR, KOLLAM**

2017-2019




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A STUDY ON DOUBLE SEQUENCES AND DOUBLE SERIES

*Dissertation submitted to the University of Kerala in partial fulfillment of
the requirement for the award of the degree of Master of Science in
Mathematics*



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