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

2017-2018

This is to certify that the project report titled "CUSTOMER SATISFACTION ON E-BANKING WITH SPECIAL REFERENCE TO SBI IN PUNALUR MUNICIPALITY" is a bonafide work carried out by

### NANDHU KRISHNAN

#### SANDRA.M.

### SANDRA MARIAM PHILIP

### SANGEETHA SUNIL

### SAPARNA.V.S.

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

Ms. SILPA SASANKAN

Assistant. Professor Department of Commerce Sree Narayana College, Punalur Punalur Date: 28/03/2018

Counter signed by Ms. KAVITHA.K.S. Head of the Department of Commerce Sree Narayana College, Punalur

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Certified that this report titled "A STUDY ON THE INVESTOR'S PREFERENCE TOWARDS MUTUAL FUNDS IN SHAREKHAN, KOLLAM DISTRICT" is a bonafide report of the project work done by

| DIVYA. A :                 | 15915133037 |
|----------------------------|-------------|
| GREESHMA. G :              | 15915133039 |
| HARITHA. S :               | 15915133040 |
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aly Mr. RINKU BABU

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rs. KAVITHA. K. S ASSISTANT PROFESSOR

OF THE DEPARMENT OF COMMERCE

SREE NARAYANA COLLEGE, PUNALUR

SREE NARAYANA COL UR Place : Punalur

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Date : 03/04/2018

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### **BONAFIDE CERTIFICATE**

This is to certify that the project report entitled "A STUDY ON WORK LIFE BALANCE AMONG WOMEN EMPLOYEES IN FOAM MATTINGS (INDIA) Ltd.(FOMIL), ALAPPUZHA" submitted by Aarish Kanth (159-15133021), Jibi Susan George (159-15133043), Keerthana S (159-15133044) Kripa Ajayan (159-15133046), Meenu S (159-15133047), Final Year Commerce with Co-operation students of this college, at FOMIL, ALAPPUZHA in partial fulfillment of the requirements for the award of the Degree Bachelor of Commerce with Co-operation is a bonafide record of the work carried out under our guidance and supervision at Department of Commerce, College of SN College Punalur.

Mrs.Kavitha K S

Project Guide

PRINC SREE NARAYANA COLLEGE PUNALUR

Lt.Dr.V.Arun

Principal

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Mrs.Kavitha Head of the Department



This project report was evaluated by us on.....

**External Examiners:** 

| 1) | ****** |
|----|--------|
| 2) |        |

This is to certify that the project report entitled "A STUDY ON THE EFFECTIVENESS OF COMPUTERIZED ACCOUNTING SYSTEM IN RETAIL SHOPS WITH REFERENCE TO RADHAS TEXTILES PUNALUR" is a bonafide work carried out by

> VAISHNAVI YESOD SREE LEKSHMLR SURYA.S.K VISHNU.S PRANAV.P.S

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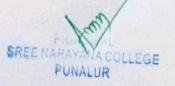
GANGA.M.R

Asst. Professor, Department of Commerce, Sree Narayana College, Punalur

Place: Punalur Date: 05/04/2018

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Place: Punalur Date: 05/04/2018



F. KAVITHA.K.S

Head of the Department of Commerce Sree Narayana College, Punalur

Certified that this report titled "A STUDY ON ROLE OF CO-OPERATIVE BANK AMONG PUBLIC WITH SPECIAL REFERENECE TO ELAMPAL SERVICE CO-OPERATIVE BANK" is a bonafide report of the project work done by

|   | Candidate Code |
|---|----------------|
|   | 15915133023    |
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### HEAD OF THE DEPARMENT OF COMMERCE

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Date: 28. 3. 2018

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### KAVITHA.S

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Date: 28/03/2018

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PRINCIPAL Place: Punal@REE NARAYANA COLLEGE PUNALUR Date: 28/03/2018 KAVITHA.K.S

Head of the Pepartment of Commerce SreeNarayanaCollege,Punalur

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This is to certify that the project report entitled" A STUDY ON EMPLOYEES WELFARE MEAURES AND JOB SATISFACTION IN TRAVANCORE RUBBER AND TEA CO.LTD, AMBANAD" is a bonafide work carried out by

> **AKSHARA V.S** AMRUTHA. A **ARUNODAYA PRASAD** ASWATHY. B ARAVIND .N

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### Asst.Prof. KAVITHA K S

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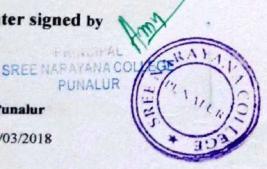
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Head of the Department of Commerce Sree Narayana College, Punalur



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### This is to certify that the project report entitled"A STUDY ON THE SOCIO-ECONOMIC CONDITION OF WOMEN CASHEW WORKERS OF PUNALUR MUNICIPALITY "

is a bonafide work carried out by

### BINIL.S SILPA L. SIVAN AMALA NAIR.BS AMEENA.M KIRAN.S

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This is to certify that the project report entitled "IMPACT OF G.S.T. ON SMALL BUSINESS IN PUNALUR TOWN" is a bonafide work carried out by

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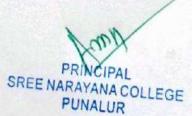
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Place : Punalur

Date : 05/04/2018

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| Name of the Student |   | Candidate Code |
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| SALINI. R           |   | 15915133018    |
| SHAHNA SHAJI        | : | 15915133019    |
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s. KAVITHA. K. S. SISTANT PROFESSOR

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Date:03-04-2018

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- 2. Jesnu T Baby
- 3. Nayana S Uday
- 4. Rajalekshmi.S
- 5. Renjana.P

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Assistant professor of Commerce

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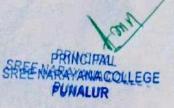
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Smt.Kavitha K.S Head of the Department Sree Narayana College Punalur

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Punalur

March 2018



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# SEPARATION OF CAROTENOIDS FROM CHICKEN EGG YOLK

## **Project Report**

Submitted to

## University of Kerala

in partial fulfilment of the requirement for the Degree of

## **BACHELOR OF SCIENCE IN CHEMISTRY**

by

NAME:Anjali U.Candidate Code:23515133003Exam code:23514602Course code:CH 1646

## P.G. DEPARTMENT OF CHEMISTRY

SREE NARAYANA COLLEGE PUNALUR

2018

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# SEPARATION OF CAROTENOIDS FROM CHICKEN EGG YOLK

## **Project Report**

Submitted to

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## **BACHELOR OF SCIENCE IN CHEMISTRY**

by

| NAME           |   | Aparna A    |
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| Candidate Code | : | 23515133005 |
| Exam code      |   | 23514602    |
| Course code    |   | CH 1646     |

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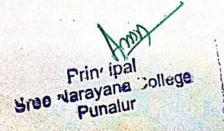
BY-

- NAME
- PERIOD OF STUDY
- CANDIDATE CODE
- EXAM CODE
- COURSE CODE

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- : 2015-2018
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# SEPARATION OF CAROTENOIDS FROM CHICKEN EGG YOLK

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by

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NAME **Candidate** Code Exam code **Course code** 

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## GREEN SYNTHESIS OF IRON OXIDE NANOPARTICLES FROM THE LEAF EXTRACT OF PIPER NIGRUM (PEPPER) AND PIPER BETLE (BETLE)

Project submitted to the University of Kerala in partial fulfillment of the award of the degree of Bachelor of Science in Chemistry

By

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Under the guidance of

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### SREE NARAYANA COLLEGE, PUNALUR

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## GREEN SYNTHESIS OF IRON OXIDE NANOPARTICLES FROM THE LEAF EXTRACT OF PIPER NIGRUM (PEPPER) AND PIPER BETLE (BETLE)

Project submitted to the University of Kerala in partial fulfillment of the award of the degree of Bachelor of Science in Chemistry

By

### **POOJA V PILLAI**

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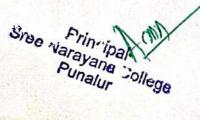
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**MAY 2018** 



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### BY;

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## GREEN SYNTHESIS OF IRON OXIDE NANOPARTICLES FROM THE LEAF EXTRACT OF PIPER NIGRUM (PEPPER) AND PIPER BETLE (BETLE)

Project submitted to the University of Kerala in partial fulfillment of the award of the degree of Bachelor of Science in Chemistry

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**MAY 2018** 

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BY;

| • | NAME            | : | SHABANA S              |
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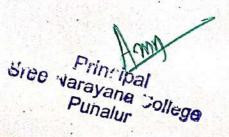
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BY

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| 0 | Candidate code           | : 23515133027           |
| 0 | Course code<br>Exam code | : CH 1646<br>: 23514602 |

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# SEPARATION OF CAROTENOIDS FROM CHICKEN EGG YOLK

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## **Project Report**

Submitted to

## **University of Kerala**

in partial fulfilment of the requirement for the Degree of

## **BACHELOR OF SCIENCE IN CHEMISTRY**

by

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NAME Candidate Code Exam code Course code

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BY;

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|         |             |

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### DEPARTMENT OF CHEMISTRY

### SREE NARAYANA COLLEGE, PUNALUR

Bree Varayana Sollege Punalur



### PUNALUR



Submitted to Kerala University in Partial Fulfilment of the requirement for the award of the

DEGREE OF BACHELOR SCIENCE IN PURE CHEMISTRY

#### BY

| ó | Name            | : DINAKARAN BABU |
|---|-----------------|------------------|
| 0 | Period of study | : 2015-2018      |
| 0 | Course code     | : CH 1646        |
| 0 | Exam code       | : 23514602       |
| 0 | Candidate code  | : 23515133032    |
| 0 | Candidate code  | : 23515133032    |

### DEPARTMENT OF CHEMISTRY

### SREE NARAYANA COLLEGE PUNALUR

2018 Prin Sree . College



## PUNALUR



Submitted to Kerala University in Partial Fulfilment of the requirement for the award of the

DEGREE OF BACHELOR SCIENCE IN PURE CHEMISTRY

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| 0 | Name            | : GIBIN BABU  |
|---|-----------------|---------------|
| 0 | Period of study | : 2015-2018   |
| 0 | Course code     | : CH 1646     |
| 0 | Exam code       | : 23514602    |
| 0 | Candidate code  | : 23515133032 |
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### **DEPARTMENT OF CHEMISTRY**

### SREE NARAYANA COLLEGE PUNALUR

2018

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### **PUNALUR**



Submitted to Kerala University in Partial Fulfilment of the requirement for the award of the

DEGREE OF BACHELOR SCIENCE IN PURE CHEMISTRY

#### BY

| 0 | Name            | : HIMA SURESH |
|---|-----------------|---------------|
| 0 | Period of study | : 2015-2018   |
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| 0 | Exam code       | : 23514602    |
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#### DEPARTMENT OF CHEMISTRY

#### SREE NARAYANA COLLEGE PUNALUR

2018

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PUNALUR



SUBMITTED TO KERALA UNIVERTSITY IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF THE DEGREE OF BACHELOR SCIENCE IN PURE CHEMISTRY.

BY;

| • | NAME            | : | <b>M A KEERTHANA</b> |
|---|-----------------|---|----------------------|
| • | PERIOD OF STUDY | : | 2015-2018            |
| • | COURSE CODE     | : | CH 1646              |
| • | EXAM CODE       |   | 23514602             |
| • | CANDIDATE CODE  | : | 23515133036          |
|   |                 |   |                      |

#### DEPARTMENT OF CHEMISTRY

#### SREE NARAYANA COLLEGE, PUNALUR

Frin' ipal Sree Varayana College Punalur

)



#### GREEN SYNTHESIS OF IRON OXIDE NANOPARTICLES FROM THE LEAF EXTRACT OF PIPER NIGRUM (PEPPER) AND PIPER BETLE (BETLE)

Project submitted to the University of Kerala in partial fulfillment of the award of the degree of Bachelor of Science in Chemistry

By

**MUHAMMED IMTHIYAS** 

| REGISTER NUMBER | :   | 23515133037 |
|-----------------|-----|-------------|
| EXAM CODE       | :   | 23514602    |
| SUBJECT CODE    | • • | 235         |



Under the guidance of

Dr. Deepa J.P.

**Department of Chemistry** 

SREE NARAYANA COLLEGE, PUNALUR, KOLLAM

**MAY 2018** 



Principa

Sree varayana College Punalur

# PUNALUR



SUBMITTED TO KERALA UNIVERSITY IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF THE DEGREE OF BACHELOR SCIENCE IN PURE CHEMISTRY.

#### BY;

- Name : NAYANTHARA. P. S
- Period of study : 2015-2018
- Course code : CH 1646
- Exam code : 23514602
- Candidate code : 23515133038

#### DEPARTMENT OF CHEMISTRY

#### SREE NARAYANA COLLEGE, PUNALUR

2018

Sree varayana College Punalur



# PUNALUR



SUBMITTED TO KERALA UNIVERSITY IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF THE DEGREE OF BACHELOR SCIENCE IN PURE CHEMISTRY.

BY;

- : RAHUL RAJ. R Name
- : 2015-2018 Period of study
- : CH 1646 Course code
- : 23514602 Exam code
- : 23515133039 Candidate code

# DEPARTMENT OF CHEMISTRY

#### SREE NARAYANA COLLEGE, PUNALUR

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2018

#### **PUNALUR**



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

#### BY

| 0. | NAME            |   | RESHMA R S   |
|----|-----------------|---|--------------|
| 0  | PERIOD OF STUDY |   | 2015-2018    |
| 0  | CANDIDATE CODE  |   | 235-15133040 |
| 0  | EXAM CODE       |   | 23514602     |
| 0  | COURSE CODE     | : | CH 1646      |

# DEPARTMENT OF CHEMISTRY

# SREE NARAYANA COLLEGE, PUNALUR

2018

Bree Marayana College Punalur



# PUNALUR



SUBMITTED TO KERALA UNIVERSITY IN PARTIAL FULFILMENT OF THE REQUIREMENT FOR THE AWARD OF THE DEGREE OF BACHELOR SCIENCE IN PURE CHEMISTRY.

#### BY;

- Name : REVATHY KRISHNAN
- Period of study : 2015-2018
- Course code : CH 1646
- Exam code : 23514602
- Candidate code : 23515133041

#### DEPARTMENT OF CHEMISTRY

# SREE NARAYANA COLLEGE, PUNALUR

2018

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### PUNALUR



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

#### BY

| 0 | NAME            |   | • | SACHIN N S   |
|---|-----------------|---|---|--------------|
| 0 | PERIOD OF STUDY | • | : | 2015-2018    |
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| 0 | EXAM CODE       |   |   | 23514602     |
| 0 | COURSE CODE     |   | : | CH 1646      |

# DEPARTMENT OF CHEMISTRY

SREE NARAYANA COLLEGE, PUNALUR

2018

Principal Sree Narayana College Punalur



### GREEN SYNTHESIS OF IRON OXIDE NANOPARTICLES FROM THE LEAF EXTRACT OF PIPER NIGRUM (PEPPER) AND PIPER BETLE (BETLE)

Project submitted to the University of Kerala in partial fulfillment of the award of the degree of Bachelor of Science in Chemistry

By

SAJINLAL S M

| • • | REGISTER NUMBER | • | 23515133043 |
|-----|-----------------|---|-------------|
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Under the guidance of

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# SREE NARAYANA COLLEGE, PUNALUR, KOLLAM

MAY 2018

Prin IDa Sree Marayana College Punalur



### **PUNALUR**



Submitted to Kerala University in Partial Fulfilment of the requirement for the award of the

DEGREE OF BACHELOR SCIENCE IN PURE CHEMISTRY

#### BY

| 0 | Name            | : SILPA S     |
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| 0 | Exam code       | : 23514602    |
| 0 | Candidate code  | : 23515133045 |

#### DEPARTMENT OF CHEMISTRY

#### SREE NARAYANA COLLEGE PUNALUR

2018

Pr inal Sree varayana College Punalur

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### **PUNALUR**



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

#### BY

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| 0 | EXAM CODE       | : | 23514602      |
| 0 | COURSE CODE     |   | CH 1646       |
|   |                 |   |               |

# DEPARTMENT OF CHEMISTRY SREE NARAYANA COLLEGE, PUNALUR

2018

Frin' ibal Sree Narayana College Punalur



# GREEN SYNTHESIS OF IRON OXIDE NANOPARTICLES FROM THE LEAF EXTRACT OF PIPER NIGRUM (PEPPER) AND PIPER BETLE (BETLE)

Project submitted to the University of Kerala in partial fulfillment of the award of the degree of Bachelor of Science in Chemistry

By

#### SUBINSHA S. S

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| EXAM CODE       | : | 23514602    |
| SUBJECT CODE    | : | 235         |



Under the guidance of

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Department of Chemistry

SREE NARAYANA COLLEGE, PUNALUR, KOLLAM

MAY 2018

Prin Sree Warayana College Punalur



### PUNALUR

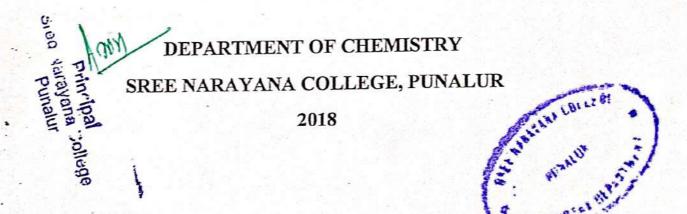


Submitted to Kerala University in Partial Fulfillment of the requirement for the award of the DEGREE OF BACHELOR OF SCIENCE IN PURE CHEMISTRY

BY

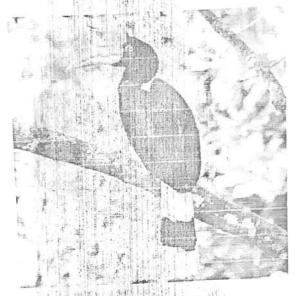
- o NAME
- PERIOD OF STUDY
- CANDIDATE CODE
- EXAM CODE
- COURSE CODE

- : YADHU KRISHNAN R
- : 2015-2018
- : 235-15133048
- : 23514602
- : CH 1646



# AVIAN BIODIVERSITY AND THE CONSTRUCT STRUCT NMALA

和医学的自己和情况



Project report Submitted to the University of Kerala for the wward of Degree of Bachelor of Science in Zoology

Name Amrutha Mohan Athulya K. Gayathri M. R. Amina S. Anjali Mohanan Register Number 250-15133012 250-15133015 250-15133017 250-15133011 250-15133013

Department of Zoology Sree Narayana College, Punalur Kollam - 691005, India

March 2018



# A STRUCTURAL STUDY OF Mg DOPED TiO2 NANOPARTICLES

#### PROJECT REPORT SUBMITTED TO



#### THE UNIVERSITY OF KERALA

In partial fulfillment of the requirements for the award of degree of Bachelor of Science in Physics (B.Sc) under (CBCSS)

> Submitted by Reg.No:230-15133008 Reg.No:230-15133017 Reg.No:230-15133024 Reg.No:230-15133033 Reg.No:230-15133036

Course code: PY 1647 Under the supervision of MEENU P KUMAR

(Assistant professor in contract Department in Physics)



#### **BACHELOR OF SCIENCE IN PHYSICS**

SREE NARAYANA COLLEGE

PUNALUR

**MARCH 2018** 

SREE NARAYANA COLLEGE

#### X-RAY DIFFRACTION PATTERN ANALYSIS

#### PROJECT REPORT SUBMITTED TO



#### THE UNIVERSITY OF KERALA

In partial fulfillment of the requirements for the award of degree of Bachelor of Science in Physics (B.Sc) under (CBCSS)

> Submitted by Reg.No:230-15133002 Reg.No:230-15133012 Reg.No:230-15133018 Reg.No:230-15133022 Reg.No:230-15133028

Course code: PY 1647 Under the supervision of AISWARYA MOHAN

(Assistant professor in contract Department in Physics)



BACHELOR OF SCIENCE IN PHYSICS SREE NARAYANA COLLEGE PUNALUR

PRINCIPAL SREE NARAYANA COLLEGE PUNALUR

# **VOLTAGE REGULATORS**

### PROJECT REPORT SUBMITTED TO



# THE UNIVERSITY OF KERALA

In partial fulfillment of the requirements for the award of degree of Bachelor of Science in Physics (B.Sc) under (CBCSS)

> Submitted by Reg.No:230-15133014 Reg.No:230-15133019 Reg.No:230-15133026 Reg.No:230-15133037

Course code: PY 1647 Under the supervision of KRISHNA SREE R.S

(Assistant professor Department in Physics)



BACHELOR OF SCIENCE IN PHYSICS SREE NARAYANA COLLEGE PUNALUR

SREE MARANALUR

# THE SOLAR PLANT WATERING ALARM

**PROJECT REPORT SUBMITTED TO** 



# THE UNIVERSITY OF KERALA

In partial fulfillment of the requirments for the award of Degree of Bachelor of Science in Physics (B.Sc) under (CBCSS)

Submitted by:-

Reg.No.23015133003 Reg.No.23015133010 Reg.No.23015133027 Reg.No.23015133029 Reg.No.23015133032

Course Code: PY 1647

Under the Supervison of **Mr. JYOTHISH MOHAN** (Asst. Prof.in contract Department of Physics)



SREE NARAYANA COLLEGE **BACHELOR OF SCIENCE IN PHYSICS** SREE NARAYANA COLLEGE, PUNALUR

THE HIGGS BOSON

#### PROJECT REPORT SUBMITTED TO



#### THE UNIVERSITY OF KERALA

In partial fulfillment of the requirements for the award of degree of Bachelor of Science in Physics (B.Sc) under (CBCSS)

Submitted by

Reg.No:230-15133011

Course code: PY 1647 Under the supervision of

#### PRAVEEN K.H

(Assistant professor Department in Physics)



#### **BACHELOR OF SCIENCE IN PHYSICS**

SREENR PUNALUR SREE NARAYANA COLLEGE PUNALUR

# FRACTIONAL LINEAR MAPS OVER **COMPLEX PLANE**

#### DISSERTATION

SUBMITTED TO THE UNIVERSITY OF KERALA IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARDS OF FIRST DEGREE PROGRAMME IN B.Sc. MATHEMATICS (CBCSS)

NAME

By

CANDIDATE CODE

| ASHIK MUHAMMED   | : | 22015133004 |
|------------------|---|-------------|
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| PREENA PRASAD    | : | 22015133028 |
| SHILPA.J.SHINE   | : | 22015133032 |
| VIDYA.A.S        | : | 22015133037 |

EXAM CODE 22014602 : PROJECT CODE : **MM1646** 

# DEPARTMENT OF MATHEMATICS SREE NARAYANA COLLEGE, PUNALUR

2015 - 2018

AL ARAYANA COLLEGE SREE N PUNALUR



# **RUBIK'S CUBE**

# DISSERTATION

SUBMITTED TO THE UNIVERSITY OF KERALA IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF FIRST DEGREE PROGRAMME IN

### **MATHEMATICS**

NAME

ARATHY KRISHNA KANNAPPAN T MAHESH M **RESHMA KAMAL** ATHULYA A **KAVYANJALI R** 

CANDIDATE CODE

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22015133005

22015133007

22015133010

EXAM CODE SUBJECT CODE 22014602

**MM1646** 



DEPARTMENT OF MATHEMATICS

SREE NARAYANA COLLEGE, PUNALUR, KOLLAM PRINCIPAL SREE NARAYANA COLLEGE 2015-2018 PUNALUR

SREE NARAYANA COLLEGE PUNALUR

# **MARCH 2018** DEPARTMENT OF MATHEMATICS



DISSERTATION

# NUMERICAL SOLUTIONS OF ORDINARY

### **DIFFERENTIAL EQUATIONS**

Submitted by

Name of the students

**Candidate Code** 

1. APARNA VS

2. MALAVIKA RAJU

3. ARYA ARAVIND

4. ROHIT M A

5. VINEETHA V



Examination Code: 22014602

Subject Code: MM1646

PRINCIPAL SREE NARAYANA COLLEGE PUNALUR



# NORMED LINEAR SPACE

#### DISSERTATION

#### SUBMITTED TO THE UNIVERSITY OF KERALA IN PARTIAL FULFILLMENT OF THE REQUIREMENT FOR THE AWARD OF FIRST DEGREE PROGRAMME IN MATHEMATICS (CBCSS)

BY

| NAME                  |   | CANDIDATE CODE |
|-----------------------|---|----------------|
| 1. SUDEESH. R         |   | 22015133011    |
| 2. THASLEEMA SHAJAHAN | - | 22015133012    |
| 3. ANANDHU. S         | - | 22015133014    |
| 4. ANUPAMA .G .S      | - | 22015133018    |
| 5. ATHIRA ANIL        | - | , 22015133021  |
| 6. SARANYA. L         | - | 22015133031    |

| EXAM CODE    | : | 22014602 |
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| SUBJECT CODE | : | MM 1646  |

# DEPARTMENT OF MATHEMATICS

SREE NARAYANA COLLEGE



PUNALUR, KOLLAM

2015-2018

SREE NARAYANA COLLEGE PUNALUR



# SREE NARAYANA COLLEGE PUNALUR

#### **MARCH 2018**

# DEPARTMENT OF MATHEMATICS



# **LEGENDRE POLYNOMIAL**

#### Submitted by

### Name of the students

- 1. ADITH MOHAN
- 2. ASWINI LEKSHMI R
- 3. KARUNI RAJ
- 4. LIKSA ROSE JOY
- 5. SHONIMA B BINU
- 6. THIRUMOORTHIRC

Exam code: 22014602

Course code: MM1646

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22015133001 22015133020

22015133006

22015133025

22015133033

22015133035

PRINCIPAL SREE NARAYANA COLLEGE PUNALUR





# A STUDY ON SOLUTION OF ALGEBRAIC AND TRANSCENDENTAL EQUATION



#### DISSERTATION

Submitted to the University of Kerala in partial fulfillment of the requirement for the award of First Degree Programme in Mathematics (CBCSS)

BY

| NAME            |   | CANDIDATE CODE |
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| PRADUL.P        | : | 22015133009    |
| AMRITHA ARAVIND | : | 22015133013    |
| ANJISH RAJ      | : | 22015133016    |
| HARITHA MOHAN   | : | 22015133023    |
| PREMJYOTHI.A    | : | 22015133029    |
| SURYA.S         | : | 22015133034    |

| EXAM CODE    | : | 22014602 |
|--------------|---|----------|
| PROJECT CODE | : | MM 1646  |

#### **DEPARTMENT OF MATHEMATICS**



SREE NARAYANA COLLEGE,

**PUNALUR, KOLLAM** 

2015-2018

1PAL PR SREE NARAYANA COLLEGE PUNALUR



# DR. PALPU THE MENTOR OF SNDP YOGAM

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:

ションション

| SL No: | Name of Students | Candidates Code |
|--------|------------------|-----------------|
| 1      | Abhijith.S       | 14015133005     |
| 2      | Anjali.A.P       | 14015133014     |
| 3      | Athira .G.S      | 14015133055     |
| 4      | Farzana Nizam    | 14014133021     |
| 5      | Meenu .S         | 14015133031     |

Subject Code : HY06

Examination Code: 14014602

Under the Guidance of Praseeda Prasannan Guest faculty of History



Nature Jay Jus.

L-IN-CHARGE YANA COLLEGE

PUNALUR

BRINCIPAL BREENARA

### DEPARTMENT OF HISTORY SREE NARAYANA COLLEGE PUNALUR

**APRIL 2018** 

# KALLADA IRRIGATION AND HYDROELECTRIC PROJECT IN HISTORICAL OUTLINE

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.     | Farsana S           | : | 14015133025    |
| 2.     | Sangeeth S Nath     | : | 14015133039    |
| 3.     | Soorya Sudharsanan  | : | 14015133044    |
| 4.     | Unnikrishnan L      | : | 14015133052    |
| 5.     | Akhila Dev          | : | 14015133054    |

Subject code : HY 06

Examination code : 14014602

Under the Guidance of

#### SHIBU .T

#### Assistant Professor in charge of H.O.D

#### **Department of History**



Sree Narayana College Punalur

April 2018

HARGE ACOLLEGE PRINC SREE Valued Wizlans Dr. CG. Rejarluharm Nmi



# SAHODARAN AYYAPPAN: A DIFFERING VOICE OF SOCIAL HARMONY

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., First Degree Programmed in History.

#### SUBMITTED BY:

| Name of Student      | Candidate Code   |
|----------------------|--|
| Anand Mohanakrishnan | 14015133012  |
| Asha B               | 14015133017  |
| Jisha P              | 14015133027  |
| Rejitha R            | 14015133036  |
| Remya S              | 14015133002  |
|                      | Anand Mohanakrishnan<br>Asha B<br>Jisha P<br>Rejitha R |

Subject Code:HY.06

Examination Code :14014602

Under the guidance of

**Aswathy Babu** 

Assistant Professor (On Contract)





**Department of History** Sree Narayana College

Punalur

SREE N YANA COLLEGE RUNALUR

Dr CG. Rajaustchan Nai

# HISTORICAL PERSPECTIVES OF STATE FARMING **CORPORATION OF KERALA**

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:

| SI.NO | NAME OF THE STUDENT     | CANDIDATE CODE |
|-------|-------------------------|----------------|
| 1     | MANJITHA.S              | 14015133001    |
| 2     | <b>REVATHY.R.PILLAI</b> | 14015133038    |
| 3     | SARANYA.S               | 14015133040    |
| 4     | SOUMI SHAHUL            | 14015133045    |
| 5     | SREEJITH.M              | 14015133046    |

Subject Code: HY06

Examination Code: 14014602

Under the guidance of

#### Miss. PRASEEDA PRASANNAN

**Guest Faculty of History** 



PRINCIPAL

REEE



**Department of History** Sree Narayana College Punalur SREE NARAYANA COLLEGE

§ April 2018

# A STUDY OF KURIAKOSE ELIAS CHAVARA: HIS ROLE AS A CULTURAL ACTIVIST

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:

>

3

>

>

| SL. NO.        | Name of Student | Candidate code |
|----------------|-----------------|----------------|
| 1              | Akhil. A        | 14015133008    |
| 2              | Dolly. S        | 14015133024    |
| 3              | Kanchana. U     | 14015133028    |
| 4 <sup>.</sup> | Renjitha. R     | 14015133037    |

Subject Code: HY 06

Examination Code: 14014602

Under the Guidance of

#### Miss. PRESEEDA PRASANNAN

Guest Faculty of History



Department of History Sree Narayana College

Punalur

April 2018

Valued Mary Mary Dr CG. Rojerokan Ndew

#### SOMANATHA TEMPLE: A STUDY

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:

S1No. Name of student Candidate code 1 Arya B S 14015133016 2 Athira D B 14015133020 3 Bindhu R 14015133021 4 Kaveri R B 14015133029 5 Shanu. M 14015133043

> Subject code : HY 06 Examination code : 14014602

Under guidance of Sri. Shibu. T



DEPARTMENT OF HISTORY SREE NARAYANA COLLEGE PUNALUR

**MARCH 2018** 

Valued Jaqueter CHAR

**DELINCIPA** 

# KASI VISWANATHA TEMPLE IN TENKASI: A STUDY

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:

| SI no. | Name of Student | Candidate Code |
|--------|-----------------|----------------|
| 1      | Amaljith.M.     | 14015133010    |
| 2      | Ammu.O.         | 14015133011    |
| 3      | Anaswara.M.     | 14015133013    |
| 4      | Ariya Ullas     | 14015133015    |
| 5      | Uma.M           | 14015133004    |
|        |                 |                |

Subject code : HY 06

Examination Code: 14014602

Under Guidence of

#### Smt. Aswathy Babu

Assistant Professor (On Contract)



Department of History Sree Narayana College Punalur

April 2018

PRINCIP NREE NA

Value

Dr CG Rojan leboen noti



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# SEETHAKALI

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

#### Submittd by:

| SI. No. | Name of Student | <b>Candidate</b> Code |
|---------|-----------------|-----------------------|
| 1.      | Aswathy S.S     | 14015133018           |
| 2.      | Adeena . S      | 1401513307            |
| 3.      | Chinnu O.S      | 1401513023            |
| 4.      | Sreelekshmi . R | 1401513048            |
| 5.      | Sarath Krishnan | 1401513042            |

Subject Code : HY06 Examination Code : 14014602

Under the Guidelines of Sri. SHIBU . T Assistant Professor in charge of HOD

d any w Jahr



Department of History Sree Narayana College Punalur March 2018

IPKL-IN. SREE NA PUNALUR

# From Yogakshema Sabha to Kerala Legislature: A Study on Political Transition of E.M.S Namboodiripad

Project submitted to the University of Kerala in partial fulfilment 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

3

3

66666

| S.I. No. | Name of Student       | Candidate Code |
|----------|-----------------------|----------------|
| 1.       | Akshai Raj            | 14015133009    |
| 2.       | Jeena Mol. S          | 14015133026    |
| 3.       | Nandana Krishnan G.S. | 14015133032    |
| 4.       | Rejani. R             | 14015133035    |
| 5.       | Simi.G                | 14015133003    |
|          |                       |                |

: HY 06 Subject Code

: 14014602 Exam. Code

Under the Guidance of

Notred any two.

I-CHARGE

SREE NARAYANA COLLEGE

PUNALUR

# Praseeda Prassannan

(Guest faculty of Dept.of History)



# DEPARTMENT OF HISTORY

SREE NARAYANA COLLEGE, PUNALUR

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

1

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3

### Name of Student

Candidate Code

| Keerthi TS    |   |
|---------------|---|
| Sruthy K S    |   |
| Yadu Krishnar | 1 |

14015133030 14015133050 14015133053

Subject Code : HY 06

Examination Code: 14014602

Under the Guidance of

#### ASWATHY BABU

Assistant Professor ( on contract )



Department of History

Sree Narayana College

Punalur

April 2018

Do CG. Rejar Raar Mari

NAPIER MUSEUM IN TRIVANDRUM

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:

| Name of the Student |  | <b>Candidate</b> Code  |
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| ASWATHY CHACKO      | :  | 14015133019  |
| BRIJIT AJI          | :  | 14015133022  |
| SARANYA MOL S       | :  | 14015133041  |
| SREEKUTTY U S       |  | 14015133047  |
| THILAKA T L         | :  | 14015133051  |
|                     | ASWATHY CHACKO<br>BRIJIT AJI<br>SARANYA MOL S<br>SREEKUTTY U S | ASWATHY CHACKO :<br>BRIJIT AJI :<br>SARANYA MOL S :<br>SREEKUTTY U S : |

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DEPARTMENT OF HISTORY SREE NARAYANA COLLEGE PUNALUR APRIL 2018

Dr CG Rayare Khan Nui



#### The Politics of Soap Operas : A Critical Reading with Feminist Perspection.

#### Project submitted to the University of Kerala in partial fulfillment of the requirements

for the award of the Degree of Bachelor of Arts

Name of candidates with candidate code:

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|----------------|-------------|--|
| Manu.J. P      | 13315133028 |  |
| Surya R        | 13315133009 |  |
| Vishnu Vijayan | 13315133039 |  |
| Lallu.R.S      | 13315133026 |  |
| Anoop.M.G      | 13315133013 |  |



Course Code CG 1644 Sree Narayana College, Punalur

2017-2018

An Analysis of the Female Protagonists of Baahubali

Dissertation submitted to the University of Kerala in

Partial fulfilment of the requirements for the awards of

The Degree of Bachelor of Arts

Name of Candidates with Candidate Code:

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| Athira Anilkumar | :13315133018 |
| Chinchu Subhash  | :13315133021 |
| Jyothi R Y       | :13315133024 |
| Reshma Reghunath | :13315133032 |
| Vishnu A B       | :13315133040 |

Course Code: CG 1644 Sree Narayana College, Punatur

2017-2018

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**Resul Pookutty: The Sound Wizard of India** 

Dissertation submitted to the University of Kerala in Partial fulfilment of the requirements for the awards of The Degree of Bachelor of Arts

Name of Candidates with Candidate Code:

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| Gautham krishna.R | : 13314133002 |
| Parvathy .S       | : 13314133004 |
| Saranya. J        | : 13314133005 |
| Soorya .G.S       | : 13314133007 |

Course Code: CG 1644

Sree Narayana College, Punalur



2017 - 2018

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#### PUBLIC DISTRIBUTION SYSTEM AND FOOD SECURITY; AN ASSESSMENT ON BPL HOUSEHOLD IN VILAKUDY PANCHAYAT.

Dissertation Submitted to the University of Kerala in Partial fulfilment 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 :

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| 2      | Aswathy B       | 15015133021    |
| 3      | Athira K        | 15015133022    |
| 4      | Rahul R         | 15015133035    |
| 5      | Ramsiya R       | 15015133037    |
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Subject Code

**Examination** Code

: 15015601

EC 1645

Under the Guidance of

#### SOUMYA VISWAMBHARAN



DEPARTMENT OF ECONOMICS SREE NARAYANA COLLEGE PUNALUR APRIL, 2018





#### SOCIO – ECONOMIC BACKGROUND OF HARRISON MALAYALAM LIMITED: WITH REFERENCE TO NEDUMPARA DIVISION

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:

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1222

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|---------------------|---|
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| Athira Ramachandran | 15015133023   |
| Binesh.S            | 15015133025   |
| Renjitha Krishnan.L | 15015133039   |
| Soorya .B           | 15015133047   |
|                     | Amal.G.Krishnan<br>Athira Ramachandran<br>Binesh.S<br>Renjitha Krishnan.L |

Subject Code: EC 1645

Examination Code: 15015601

Under the guidance of

#### SOUMYA VISWAMBHARAN



DEPARTMENT OF ECONOMICS SREE NARAYANA COLLEGE PUNALUR APRIL 2018

OLLEGE

## A STUDY ON INTEGRATED FARMING WITH SPECIAL REFERENCE TO SUMMERLAND FARM, VELIYAM, KOLLAM

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Dissertation 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 Economics.

| Submitted by: |                     |                |  |  |
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| SL.NO.        | Name of the student | Candidate code |  |  |
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| 2.            | AISWARYA MADHU      | 15015133008    |  |  |
| 3.            | AJITH T J           | 15015133010    |  |  |
| 4.            | RAGI R G            | 15015133034    |  |  |
| 5.            | SHANA RAHIM         | 15015133045    |  |  |

Subject code: EC 1645Examination code: 15015601Under the Guidance of

#### SOUMYA VISWAMBHARAN



Department of Economics Sree Narayana College

> Punalur April 2018

SREE NARATANA COLLEG

A STUDY ON PRIME MINISTER EMPLOYMENT GENERATION PROGRAMME(PMEGP) WITH SPECIAL REFERENCE TO KHADI AND VILLAGE INDUSTRIES (KVI)-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.

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Department of Economics Sree Narayana College Punalur April 2018

SOUMYA VISWAMBHARAN Asst. Professor & HOD in charge Department of Economics S.N. College, Punalur

## A STUDY ON C\* ALGEBRAS

Dissertation submitted to the University of Kerala in partial fulfillment of the requirement for the degree of

## MASTER OF SCIENCE IN MATHEMATICS



2016-2018

PRINCIPAL SREE NARAYANA COLLEGE

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## FREDHOLM OPERATORS

Dissertation submitted to the University of Kerala in partial fulfilment of the requirements for the award of the degree of Master of Science in Mathematics.



2016-2018

PRINCIPAL SREE NARAYANA COLLEGE PUNALUR

## JULIA SET AND MANDELBROT SET

#### 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



2016 - 2018

PRINCIPAL SREE NARAYANA COLLEGE PUNALUR

PURALUK

## CLUSTER ALGEBRAS

Dissertation submitted to the University of Kerala in partial fulfilment of the requirements for the award of the degree of Master of Science in Mathematics.



## 2016-2018

PRINC SREE NARAYANA COLLEGE PUNALUR

## **A STUDY ON DEDEKIND DOMAIN**

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.



2016 - 2018

PRINCIPAL SREE NARAYANA COLLEGE PUNALUR

## A STUDY ON FIXED POINT THEORY AND ITS APPLICATIONS

Dissertation submitted to the University of Kerala in partial fulfilment of the requirements for the award of the degree of Master of Science in Mathematics.



2016-2018

SREE NARAYANA COLLEGE PUNALUR

## A STUDY OF WEAK AND WEAK\* CONVERGENCE

Dissertation submitted to the University of Kerala in partial fulfilment of the requirements for the award of the degree of Master of science in Mathematics



PRINCIPAL SREE NARAYANA COLLEGE PUNALUR

2016-2018

## A STUDY ON APPLICATIONS OF COMMUTATIVE BANACH ALGEBRA

Dissertation submitted to the University of Kerala in partial fulfillment of the requirement for the degree of

#### **MASTER OF SCIENCE IN MATHEMATICS**



PRINCIPAL

SREE NARAYANA COLLEGE PUNALUR

2016-2018

## STUDY ON DIOPHANTINE EQUATIONS

Dissertation submitted to the University of Kerala in partial fulfilment of the requirements for the award of the degree of Master of Science in Mathematics.



2016-2018

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PRINCIPAL SREE NARAYANA COLLEGE PUNALUR

## **A STUDY ON SPECTRAL THEORY**

#### Dissertation submitted to the University of Kerala in partial fulfillment of the requirement for the degree of

## **MASTER OF SCIENCE IN MATHEMATICS**



2016-2018

SREE NARAYANA COLLEGE PUNALUR

#### A STUDY ON UNITARY GROUPS AND MATRICES IN LINEAR ALGEBRA

Dissertation submitted to the University of Kerala in partial fulfilment of the requirements for the award of the Degree of Master of Science in Mathematics.



**IPAL** SREE NARAYANA COLLEGE PUNALUR

2016-2018