

ST. THOMAS COLLEGE

Ranni, Pathanamthitta, Kerala – 689673 ACCREDITED BY NAAC WITH 'B' GRADE

6.5.2. Quality assurance initiatives of the institution

Collaborative quality initiatives with other institution(s) 2018-2019

CRITERION: 6

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.5.2. Summary of Functional MoU's/Linkages/Collaborations **2018-2019**

No	MoU/Linkage/Collaboration	Start Date	End Date	Nature
1	Internship for Project work	02/05/2019	25/06/2019	MSc Project- Ms. Anju
	Dept of Chemistry, St. Thomas College Ranni			K.S under the
	& St. Dominics College Kanjirapally			supervision of Dr.
				Baby Thomas
2	Internship for Project work	02/05/2019	26/06/2019	MSc Project- Ms.
	Dept of Chemistry, St. Thomas College Ranni			Baneesha T.Punder the
	& Marthoma Colleeg Thiruvalla			supervision of Dr.
				Ajesh Zachariah
3	Internship for Project work	02/05/2019	17/06/2019	MSc Project- Ms.
	Dept of Chemistry, St. Thomas College Ranni			Shipa Runder the
	& NIT, Calicut			supervision of Dr. A.
				Sujith
4	Internship for Project work	02/05/2019	22/06/2019	MSc Project- Ms. Sona
	Dept of Chemistry, St. Thomas College Ranny			Elizebath Antony
	and Amal Jyothi College of Enginerring			under the supervision
				of Dr. Soney. C
				George
5	Internship for Project work	02/05/2019	22/06/2019	MSc Project- Ms. Saj.
	Dept of Chemistry, St. Thomas College Ranni			Sunder the s upervision
	& Thiruvalla& NIT, Calicut			of Dr. Noel Jacob
				Kaleekal
6	Internship for Project work	02/05/2019	22/06/2019	MSc Project- Ms.
	Dept of Chemistry, St. Thomas College Ranni			Sneha Maria Jose
	& Amal Jyothi College of Enginerring			under the supervision
				of Dr. Soney C George
7	Internship for Project work	08/04/2019	03/06/2019	MSc Project- Ms.
	Dept of Chemistry, St. Thomas College Ranni			Ganga .S under the
	& Quality Evaluation Laboratory, Spices			supervision of Dr.
	Board			Ramesh Babu N
8	Internship for Project work	08/04/2019	03/06/2019	MSc Project-
	Dept of Chemistry, St. Thomas College Ranni			Ms.Nishitha M.P under
	& Quality Evaluation Laboratory, Spices			the supervision of Dr.
	Board			Ramesh Babu N
9	Internship for Project work	25/04/2019	27/05/2019	MSc Project- Ms.
	Dept of Chemistry, St. Thomas College Ranni			Aswathy Mohan under
	& Common Facility Service Center			the supervision of
				M.C.Harikuttan
10	Internship for Project work	25/04/2019	27/05/2019	MSc Project- Ms.



ST. THOMAS COLLEGE, RANNI

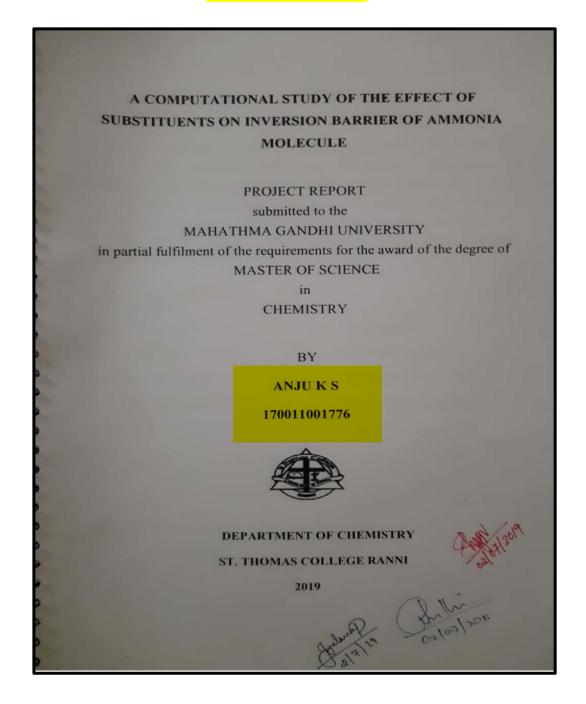
	Dept of Chemistry, St. Thomas College Ranni & Common Facility Service Center			Neethu mol Chacko under the supervision of M.C.Harikuttan
11	Internship for Project work Dept of Chemistry, St. Thomas College Ranni & University of Kerala Karyavattom	02/05/2019	01/07/2019	MSc Project- Ms. Sajitha.S under the supervision of Dr. Sony George
12	Internship for Project work of MSc Physics under Aspire Scholarship Dept ofPhysics, St. Thomas College Ranni &Christian College Chenganoor.	29/04/2019	19/06/2019	MSc Project under Aspire scholarship Ms. Manju Mathew under the supervision of Dr. Binoy Thomas
13	Internship for Project work of MSc Physics under Aspire Scholarship Dept of Physics, St. Thomas College Ranni &Christian College Chenganoor.	29/04/2019	19/06/2019	MSc Project under Aspire scholarship Ms. Athulya Udayakumar under the supervision of Dr. R. Jayakrishnan.
14	Internship for Project work of MSc Physics under Aspire Scholarship Dept of Physics, St. Thomas College Ranni &Christian College Chenganoor.	29/04/2019	19/06/2019	MSc Project under Aspire scholarship Ms. Shalu Krishna under the supervision of Dr. R. Jayakrishnan.
15	Linkage Department of Commerce and Anna Aluminium and Kitex Garments	02/03/2019	02/03/2019	Industrial Visit
16	Linkage Department of Chemistry and Doddabetta Tea Factory, Ootty	17/01/2019	17/01/2019	Industrial Visit
17	Collaboration Collaboration between Dept. of Physics, St. Thomas College Ranny&Kudumbasree Unit Pazhavangady.	14/03/2019	14/03/2019	Technology awareness programme for Kudumbasree members
18	Collaboration Collaboration between Dept of Botany, St. Thomas College Ranny& Ambolil Aryavaidyasala	13/09/2018	13/09/2019	Providing plant materials for students for project work/identification of plants
19	Collaboration Collaboration between Dept of Botany, St. Thomas College Ranny& Poonkavanam Gardens, Ranny	06/06/2018	06/06/2019	Providing plant materials for students for project work/identification of plants

PROOF FOR INTERNSHIP PROJECT WORK

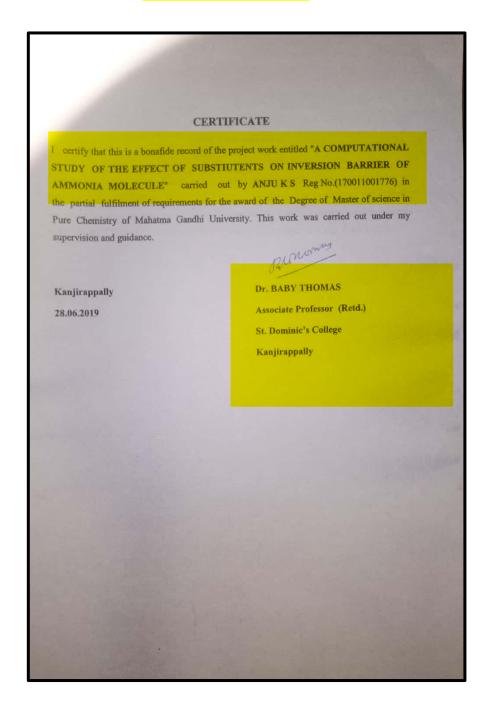
SI.No	Name of the student
1	Anju KS
2	Baneesha T P
3	Shilpa R
4	Sona elizabeth antony
5	Saj S
6	Sneha Maria jose
7	Ganga S
8	Nishitha M.P
9	Aswathy Mohan
10	Neethumol Chacko
11	Sajitha S



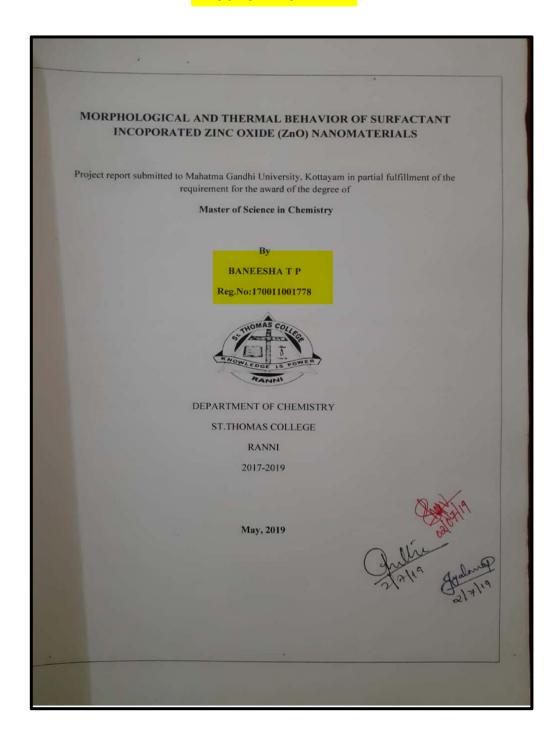
INTERNSHIPS - PROJECTS



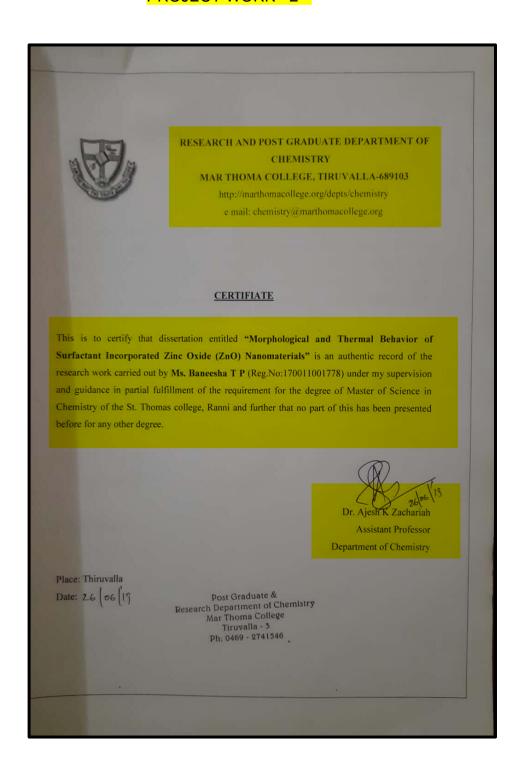




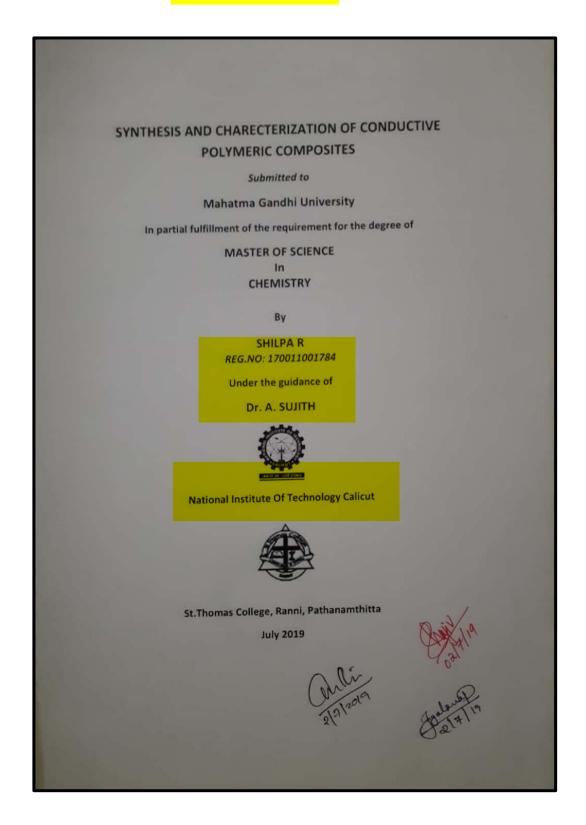




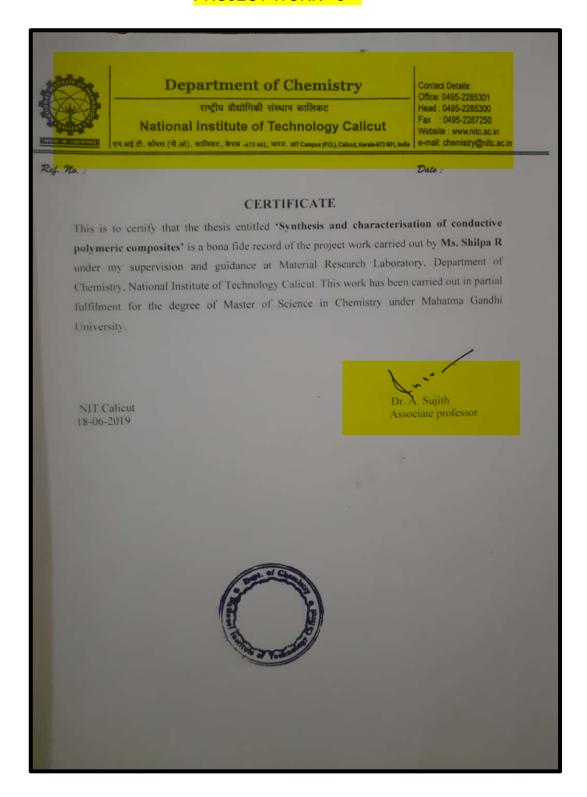












PERVAPORATION PERFORMANCE OF SILANE MODIFIED GRAPHENE OXIDE-SILICONE RUBBER NANONOCOMPOSITES

Project report

Submitted to Mahatma Gandhi University

In partial fulfillment of the requirement for the degree of

Master of Science in Chemistry

BY

SONA ELIZEBATH ANTONY

Reg.No:170011001786

2017-2019



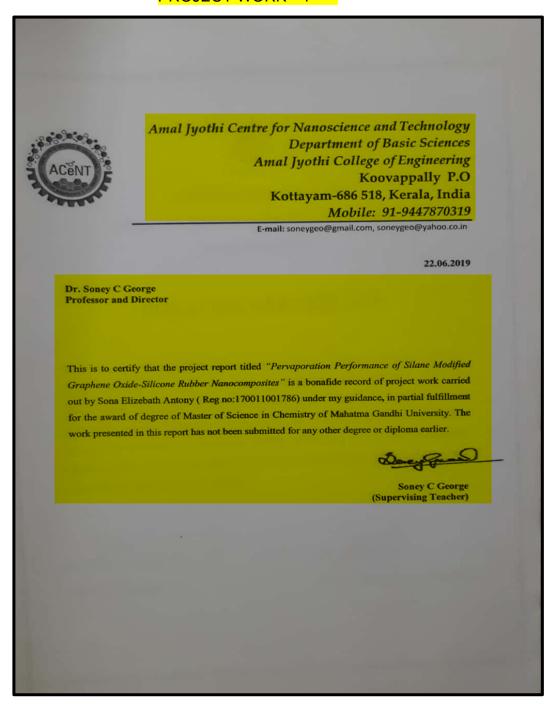
POST GRADUATE DEPARTMENT OF CHEMISTRY ST.THOMAS COLLEGE RANNI

Under the Guidance of
DR.SONEY C GEORGE

AMAL JYOTHY COLLEGE OF ENGINEERING

KOOVAPALLY





NANOFILTRATION MEMBRANE FOR ORGANIC SOLUTE REMOVAL

PROJECT REPORT

TO

The Mahatma Gandhi University

In the partial fulfillment of the requirements for the award of Degree of Master of Science in Chemistry

Ву

SAJ S

Reg no - 170011001782

Department of Chemistry, St. Thomas College, Ranni

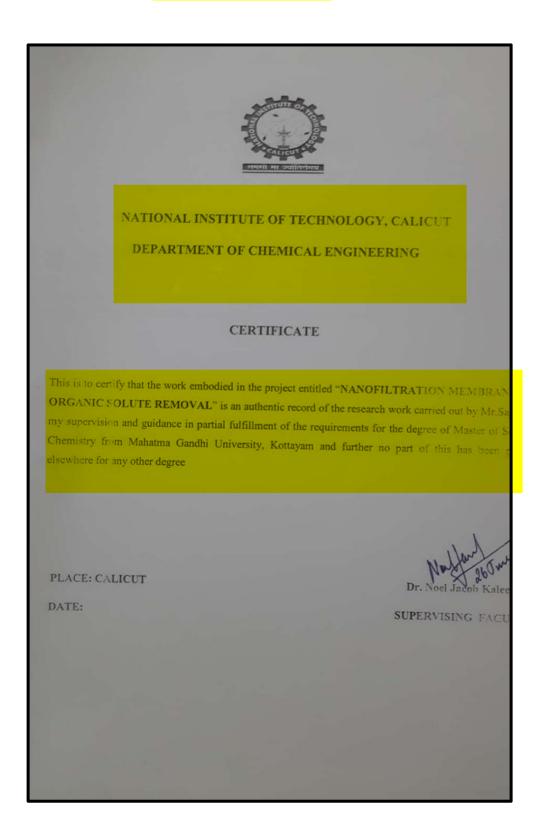


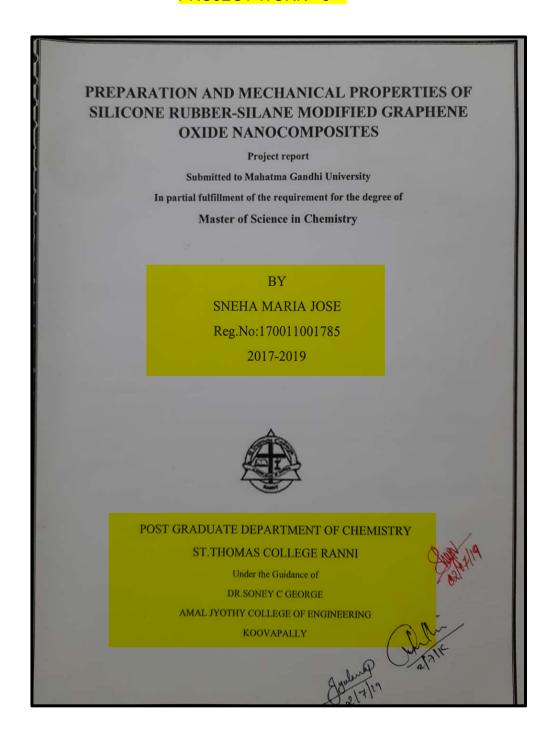
Under the supervision of

Dr. Noel Jacob Kaleekal

Asst. Professor, Dept. of Chemical Engineering
NIT, CALICUT









Amal Jyothi Centre for Nanoscience and Technology
Department of Basic Sciences

Amal Jyothi College of Engineering
Koovappally P.O
Kottayam-686 518, Kerala, India
Mobile: 91-9447870319

E-mail: soneygeo@gmail.com, soneygeo@yahoo.co.in

22.06.2019

Dr. Soney C George Professor and Director

This is to certify that the project report titled "Preparation and Mechanical Properties of Silicone Rubber-Silane Modified Graphene Oxide Nanocomposites" is a bonafide record of project work carried out by Sneha Maria Jose (Reg no: 170011001785) under my guidance, in partial fulfillment for the award of degree of Master of Science in Chemistry of Mahatma Gandhi University. The work presented in this report has not been submitted for any other degree or diploma earlier.

Soney C George (Supervising Teacher)

STUDY OF ESSENTIAL OIL CONTENT IN CUMIN AND ITS USE AS POTENTIAL TOOL FOR DETECTINGECONOMIC ADULTRATION

Submitted to

Mahatma Gandhi University

In partial fulfilment of the requirement for the

Award of degree of

Master of Science in Chemistry

By

GANGA S.

(Reg.No: 170011001779)

Under the guidance of

RAMESH BABU N

Scientist-C

Quality Evaluation Laboratory Spices Board, Cochin



DEPARTMENT OF CHEMISTRY

ST.THOMAS COLLEGE, RANNI

2017-2019

100/20F1

गुणवत्ता मूल्यांकन प्रयोगशाला

स्पाइसेस बोर्ड (वर्गणव्य एवं वर्णण मंत्रालय, भारत सरकार) सुगंध भवन, एन.एच. बैपास पी.बी.नं. 2277, पालारिवट्टम पी.ओं. कोचिन-682 025 भारत



QUALITYEVALUATION LABORATORY SPICES BOARD

(Ministry of Commerce and Industry, Govt. of India) Sugandha Bhavan, N.H. By-pass P.B. No. 2277, Palarivattom P.O. COCHIN - 682 025, INDIA

QEL/M.Sc Projects/2014

04.06.2019

CERTIFICATE

This is to certify that the project titled "STUDY OF ESSENTIAL OIL COMPONENT IN CUMIN, AND ITS USE AS POTENTIAL TOOL FOR DETECTING ECONOMIC ADULTRATION" submitted to Mahatma Gandhi University in partial fullfillment of the requirements for the award of MASTER OF SCIENCE in CHEMISTRY is record of original work done by Ms. GANGA S, in the Quality Evaluation Laboratory of Spices Board, Cochin-25, during the period 8th April 2019 to 3rd June 2019.



K.R.K.MENON SCIENTIST-D & HEAD



9001-2008 ISO 14 37812 EM (4)

ISO/IEC 17025 T-0729 - Chemical Testing T-0730 - Biological Testing Phone: 0484-2333610 to 13/16, 2340180 Fax: 0484-2331213

E mail: spicesboard@vsnl.com sbqelkochi@gmail.com Website: www.indianspices.com

EFFECT OF SPICES MATRIXS IN LCMS/MS ANALYSIS OF ORGANO PHOSPHOROUS RESIDUES

Submitted to

Mahatma Gandhi University

In partial fulfilment of the requirement for the

Award of degree of

Master of Science in Chemistry

Ву

NISHITHA M. P

Reg.No: 170011001781

Under the guidance of

RAMESH BABU N

Scientist-C

Quality Evaluation Laboratory Spices Board, Cochin



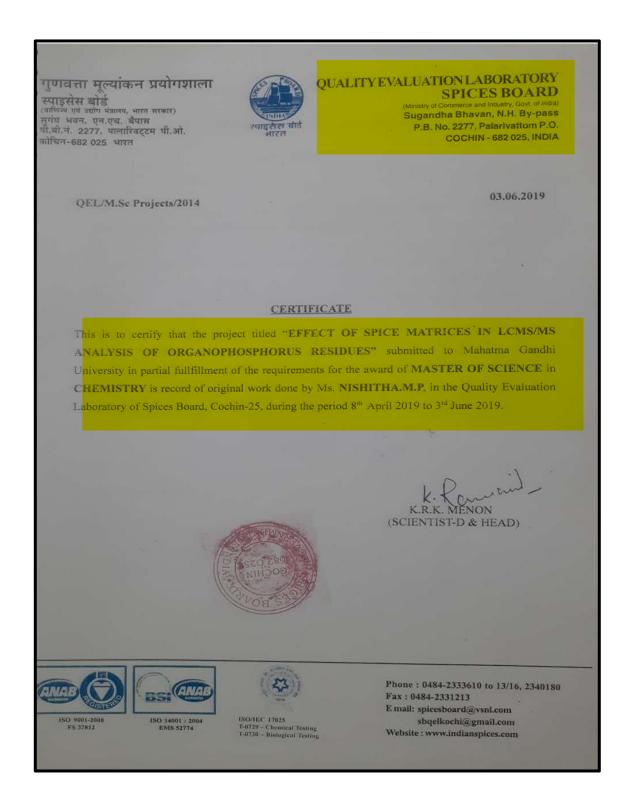
DEPARTMENT OF CHEMISTRY

ST.THOMAS COLLEGE, RANNI

2017-2019

Salotha

Agent In



EFFECT OF CALCIUM CARBONATE ON RHEOMETRICAL AND MECHANICAL PROPERTIES OF NR-PB

A Dissertation Submitted to the Mahatma Gandhi University in Partial Fulfilment of the Requirement for the Award of the

DEGREE OF MASTER SCIENCE IN CHEMISTRY

By

ASWATHY MOHAN

(Reg.No - 170011001777)

Under the supervision of

Mr. M. C Harikuttan

(Common Facility Service Centre, Department of Industries and Commerce)

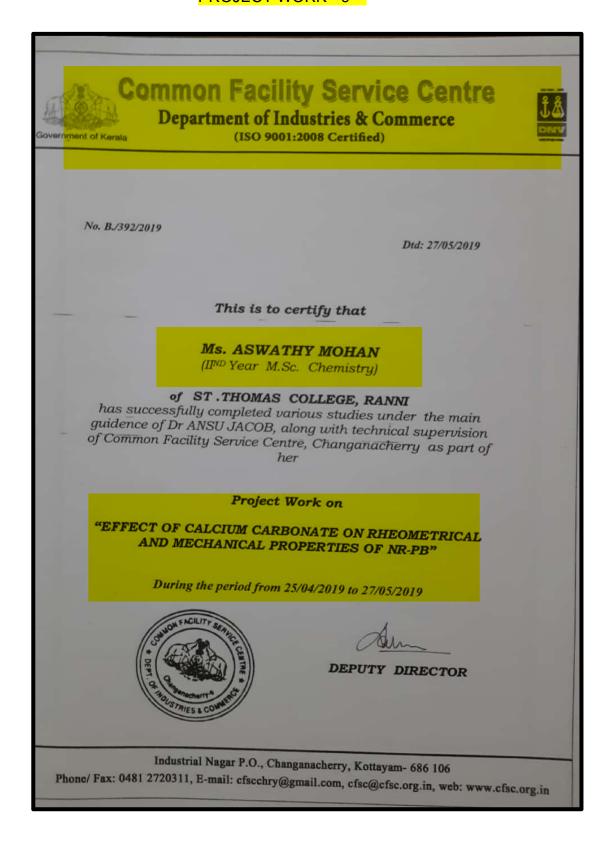


DEPARTMENT OF CHEMISTRY ST.THOMAS COLLEGE

RANNY

2017-2019

8



PHYSICAL PROPERTIES OF NATURAL RUBBER (NR) AND ACRYLONITRILE BUTADIENE RUBBER NBR BLEND

Project report submitted to MG University in partial

fulfillment of requirement for the award of the

DEGREE OF MATSER OF SCIENCE IN CHEMISTRY

NEETHUMOL CHACKO

Reg No: 170011001780

Under the supervision of

Mr. M. C Harikuttan

(Common Facility Service Centre, Department of Industries and Commerce)

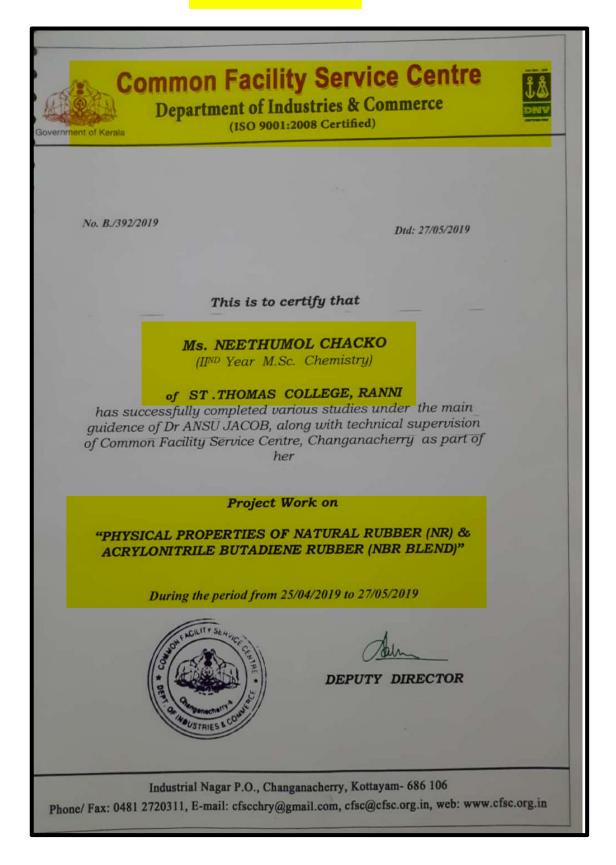


DEPARTMENT OF CHEMISTRY ST.THOMAS COLLEGE RANNY

2017-2019







β-Cyclodextrin Functionalized Phosphorus and Nitrogen-Doped Carbon Dot as a Fluorescent Probe for Doxorubicin Drug Delivery

Dissertation submitted to Mahatma Gandhi University, Kottayam in partial fulfillment of the requirements for the award of the Degree of

Master of Science in Chemistry

BY

SAJITHA S

(Reg.No:170011001783)

Under the Guidance of

Dr. Sony George

Assistant Professor

Department of Chemistry

University of Kerala, Kariavattom

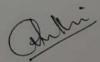


ST. Thomas College, Ranni

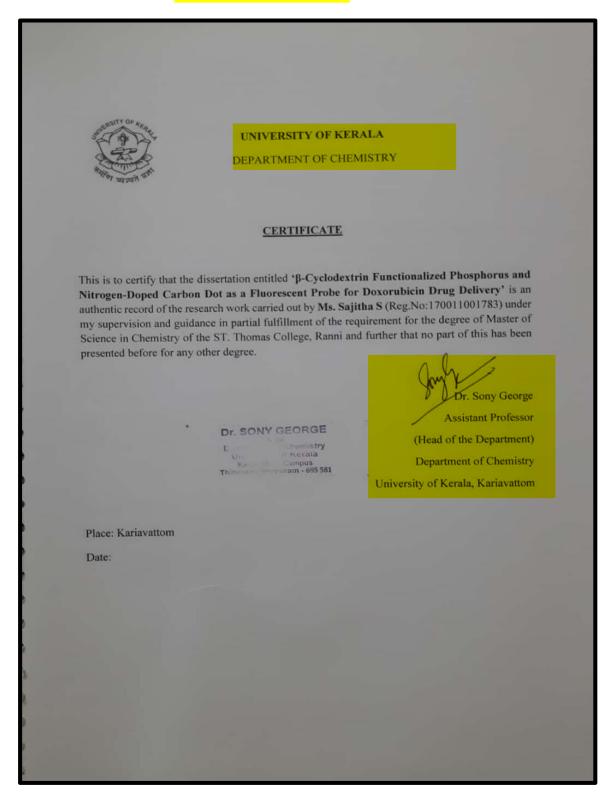
2017-2019



Jan 1/2









ST. THOMAS COLLEGE, RANNI

INTERNSHIP - PROJECT WORK



St. Thomas College, Kanni

PAZHAVANGADI P.O., KERALA, INDIA - 689 673
RE - ACCREDITED BY NAAC AT B LEVEL
(Affiliated to Mahatma Gandhi University, Kottayam - Kerala)

Prof. Dr. LATA MARINA VARGHESE PRINCIPAL

Date :....

23/10/2018

To whom so ever it may concern

This is to certify that MANJU MATHEW is a bonafide II M.Sc Physics student of this college. We have no objection to her applying for Aspire scholarship for doing her project in Christian College, Chengannur.

PRINCIPAL

Prof.Dr.Lata Marina Varghese Principal St.Thomas College, Ranni



Ph: 04735 - 226238, 226738 (O) Email: stcranni@gmail.com, www.stcranni.ac.in



INTERNSHIP - PROJECT WORK - ASPIRE SCHOLARSHIP

8 5 6	
9	
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)	
3	CERTIFICATE
3	
	This is to certify that this dissertation "WHITE LIGHT EMISSION FROM NATURAL
4	EXTRACTS" submitted for the award of the degree of Master of Science in Physics is an
0	authentic record of research done by MANJU MATHEW (Reg No. 170011003528) under Aspire
C.9	Scholarship under the supervision and guidance of <i>Dr. VINOY THOMAS</i> , ASSISTANT
	PROFFESSOR, Research & Post Graduate Department of Physics, Christian College
3	Chengannur.
3	Cici gaintur.
9	
3	216 19
3	Head of the Department
3	Prof. ANJU JOSEPH
3	ASSISTANT PROFESSOR
-	Post Graduate Department of Physics
9	St. Thomas College, Ranni
9	a Dallica
-	3931100 COLLEGE
3	(to see a see
3	Register No : 170011003528
3	Year of Study : 2017 – 2019
9	Examiners:
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INTERNSHIP - PROJECT WORK - ASPIRE SCHOLARSHIP

CERTIFICATE

This is to certify that the dissertation entitled "Photocatalytic Activity of Green Synthesized Silver Nanoparticles" was carried by Ms.Athulya Udayakumar (170011003525) at Photovoltaic Research Centre Christian College, Chengannur under the guidance of Dr. R. Jayakrishnan, Post-graduate & Research Department of Physics, Christian College, Chengannur and Smt. Anju Joseph, Department of Physics, St. Thomas College, Ranni in partial fulfillment for the degree of masters in science during the year 2017-2019 of Mahatma Gandhi University, Kottayam.

Project Guides

Smt. Anju Joseph

(Internal Guide)

Department of Physics

St. Thomas College, Ranni Department of Physics,

Dr. R. Jayakrishnan

(External Guide)

Research Guide

Christian College Chengannur

Dr. R. JAYAKRISHNAN

Place: Ranni

Date:

External Examiner

INTERNSHIP - PROJECT WORK - ASPIRE SCHOLARSHIP

CERTIFICATE

This is to certify that the dissertation entitled "Photocatalytic Activity of Green Synthesized Silver Nanoparticles" was carried by Ms.Shalu Krishna (170011003533) at Photovoltaic Research Centre Christian College, Chengannur under the guidance of Dr. R. Jayakrishnan, Post-graduate & Research Department of Physics, Christian College, Chengannur and Smt. Anju Joseph, Department of Physics, St.Thomas College, Ranni in partial fulfillment for the degree of masters in science during the year 2017-2019 of Mahatma Gandhi University, Kottayam.

Project Guides

Smt. Anju Joseph

(Internal Guide)

Department of Physics

St. Thomas College, Ranni

Dr. R. Jayakrishnan

(External Guide)

Research Guide

Department of Physics,

Christian College Chengannur

Dr. R. JAYAKRISHNAN Asst. Professor, Dept. of Physics Christian College Chengarinur - 689122 Kerata, India

Place: Ranni

Date:

External Examiner

1.

2.

PROOF FOR COLLABORATION INDUSTRY VISIT

To The Manager Anna Aluminum and Kitex, Kizhakkambalam. Sir/Madam, Sub: Requesting permission to visit your company. As a part of Industrial Visit conducted by Entrepreneurship Development Clulour college, 48 students and 3 faculties are visiting your industry on 02/03/20 Kindly grant them the permission to visit you industry. List of Faculties accompanying: Jikku James (club coordinator) Lejo Kuriakose Joy Anjali Jacob Thank You Yours Sincerely Wall Prof.Dr.Lata Marina Varghese Principal St.Thomas College, Ranni	01/03/201
The Manager Anna Aluminum and Kitex, Kizhakkambalam. Sir/Madam, Sub: Requesting permission to visit your company. As a part of Industrial Visit conducted by Entrepreneurship Development Clulour college, 48 students and 3 faculties are visiting your industry on 02/03/20 Kindly grant them the permission to visit you industry. List of Faculties accompanying: Jikku James (club coordinator) Lejo Kuriakose Joy Anjali Jacob Thank You Yours Sincerely Hourd Prof.D.Lata Marina Varghese Principal	
The Manager Anna Aluminum and Kitex, Kizhakkambalam. Sir/Madam, Sub: Requesting permission to visit your company. As a part of Industrial Visit conducted by Entrepreneurship Development Clulour college, 48 students and 3 faculties are visiting your industry on 02/03/20 Kindly grant them the permission to visit you industry. List of Faculties accompanying: Jikku James (club coordinator) Lejo Kuriakose Joy Anjali Jacob Thank You Yours Sincerely Hourd Prof.Dr.Lata Marina Varghese Principal	
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Anna Aluminum and Kitex, Kizhakkambalam. Sir/Madam, Sub: Requesting permission to visit your company. As a part of Industrial Visit conducted by Entrepreneurship Development Clulour college, 48 students and 3 faculties are visiting your industry on 02/03/20 Kindly grant them the permission to visit you industry. List of Faculties accompanying: Jikku James (club coordinator) Lejo Kuriakose Joy Anjali Jacob Thank You Yours Sincerely Prof.Dr.Lata Marina Varghese Principal	anager
Sir/Madam. Sub: Requesting permission to visit your company. As a part of Industrial Visit conducted by Entrepreneurship Development Clul our college, 48 students and 3 faculties are visiting your industry on 02/03/20 Kindly grant them the permission to visit you industry. List of Faculties accompanying: Jikku James (club coordinator) Lejo Kuriakose Joy Anjali Jacob Thank You Yours Sincerely Prof.Dr.Lata Marina Varghese Principal	Numinum and Kitex,
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As a part of Industrial Visit conducted by Entrepreneurship Development Clulour college, 48 students and 3 faculties are visiting your industry on 02/03/20 Kindly grant them the permission to visit you industry. List of Faculties accompanying: Jikku James (club coordinator) Lejo Kuriakoso Joy Anjali Jacob Thank You Yours Sincerely Prof.Dr.Lata Marina Varghese Principal	.)
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Kindly grant them the permission to visit you industry. List of Faculties accompanying: Jikku James (club coordinator) Lejo Kuriakoso Joy Anjali Jacob Thank You Yours Sincerely Prof.Dr.Lata Marina Varghese Principal	of Industrial Visit conducted by Emergence on 02/03/2019.
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Jikku James (club coordinator) Lejo Kuriakose Joy Anjali Jacob Thank You Yours Sincerely Prof.Dr.Lata Marina Varghese Principal	
Lejo Kuriakoso Joy Anjali Jacob Thank You Yours Sincerely Prof.Dr.Lata Marina Varghese Principal	
Thank You Yours Sincerely Prof.Dr.Lata Marina Varghese Principal	nmes_(club coordinator)
Thank You Yours Sincerely Adama Prof. Dr. Lata Marina Varghese Principal	uriakose Joy
Thank You Yours Sincerely Prof.Dr.Lata Marina Varghese Principal	lacob ,
Prof.Dr.Lata Marina Varghese	
Prof.Dr.Lata Marina Varghese	
Prof.Dr.Lata Marina Varghese Principal	You
Principal Principal	Sincerely
Principal State Barrier	En CA
Principal Principal	Causal (8)
Principal	ata Marina Varghese
St.Thomas College, Ranni	Principal
	mas College, Ranni

INDUSTRIAL VISIT ST THOMAS COLLEGE RANNI

REPORT

Commerce department, st Momar college had an industrial visit to Ama Aluminium Company, Ril Itd and know garmente located at luzhakambalam. Ernakulam under the guidance of our head of the Department, Mr Rinji Sir, Mr Jikku Err and Angeli miss.

college. From the total strength (48) of the class, At students had participated in the program. At about 8:30 am, we reached at Pala and had one broatclast. And then continued one journey.

By 10.30, we reached Anna Muminium industry at turbaleambalam. Over other we saw different kinds and shapes of aluminium utentils made there. The employees there helped us in getting more information about the working of the machines present overall knowledge about the industry and about their manufacturing sector. More over it was even possible to understand the posts of the employees worked in

began in 1968, the founder 81 m.c. Jacob. There were complete transport all mide. They have found household and commenceal needs. They have found market ground in India as well as abroad the the Court, Africa, America and U.C.A.

- By 11:10 am we left Anna aluminium and then headed to heler. By 11:45 am we reached them. At the contrance we met a guide who guided into the oman factualing unit there were many product like bags and garments ... etc... The company employs over too people. It is the and largest producer of children's apparel in the world.
- By 12:30 pm we left kiter and headed to bull mall, kochi we reached tours by anomal 1:35 pm
- Had lunch and had swopping from lutu and some orplored the journey in kochi metreo, which was surally a good expensione. By 4:45pm we left tulu and headed towards Panni.
- we also celebrated on of our friends biley on the
- By 1:30 pm we had dinner from a restaurent in
- By 11: 00pm we muched college.

ST. THOMAS COLLEGE, RANNI

By 11. 15 am, kle left Anna Aluminium company and then went to know gavements that was 4 km apast from the earlier virted industry. Then the perker appointed in that particular company unlicomed with and shows all the activities taking place in that industry. The main accord production here is school bags. The main accord production here is school bags. At here, we saw that more than too employees acc. At here, we saw that more than too employees acc. performing their work on that hall at the same time. Performing their work on that hall at the same time. Fach of them are doing the specific work assigned to them. As a part of their gratitude, they treated us them. As a part of their gratitude, they treated by giving sweek. At the end, some of my colleagues by giving sweek. At the end, some of my colleagues had utilised their time to buy some products from this had utilised their time to buy some products from this company, and by 12.15 pm, we leaved from there.

We have completed the visits of two inclusives by 18.15 pm and later we moved onto tal bulumall at Edapally. And we had our lunch at Edapally. After that, we have visited several places in Exnatrulam, like Marinderne, fort kochi, etc. Some have travelled m kochi Mutro and others take their time for shopping. By scopm, we had departed from Ernakulam and about 8 copm we had our lunch from Thalayolaparams whe had also celebrated the brithday of our colleague by autting the calce. After all we had reached at the college by 10.30pm.

It was a wonderful trip planned by our department. This industrial vall helped in in



POST GRADUATE DEPARTMENT OF COMMERCE ST THOMAS COLLEGE RANNI

INDUSTRIAL VISIT 2018-2019

LIST OF STUDENTS

- 1 PUNNOOSE REJI
- 2 MOHAMMED AZHAR IRSHAD
- 3 MEKKU THOMAS JACOB
 4 AROMAL S
- 4 AROMALS
- 5 JOSLIN ANNA JOSE
- 6 SREENATH SAJI
- RESHMA K. R
- 8 JOBAL ABRAHAM
- 9 SOUMYA MOL
- 10 REJIL REJI KURIAN
- 11 LIJOMON SAMUEL
- 12 FEBA MARY THOMAS
- 13 NIMMI PUNNOOSE
- 14 RADHIKA C S
- 15 ALAN V ACHENKUNJU
- 16 BINIT ABRAHAM
- 17 ANSILY MARTIN
- 18 LINU MANIYAN
- 19 JYOTHIS THOMAS
- 20 GEEMON VARGHESE GEORGE
- 21 ARUNIMA R
- 22 SANU JACOB KURUVILLA
- 23 ARYA VIJAYAN
- 24 ASWATHY SHYLAJAN
- 25 CHIPPY P.S
- 26 SANGEETHA SANTHOSH
- 27 V.CHAITHRA MADHU
- 28 AMRITHA RAJEEVAN
- 29 JEFFIN SAJI
- 30 S SARANYA
- 31 JUSTIN P JACOB
- 32 DIVYA R CHANDRAN
- 33 AJITH BABU
- 34 ROSHNA RASHEED
- 35 BINNY SUSAN THOMAS
- 36 ANUSHA MADHU
- 37 BINIT ABRAHAM

PROOF FOR LINKAGE / INDUSTRIAL VISIT

INDUSTRIAL VISIT - REPORT AND LIST OF STUDENTS

St. Thomas College Ranni

PG Department of Chemistry

Industry Visit 2018-19

The 22 students along with teaching faculty Mrs.Rintu Mathew and Miss.Swetha C visited Doddabetta Tea Factory, Udhagamanadalam On 17/01/2019. Students were benefited much by this visit. It helped the students to be familiarized by various processing techniques and Machineries. Industrial visit provide the students with an opportunity to learn practically through interaction, working methods and employment practices. By way of interactions with the staff of the industry, students got more exposure towards the current work conditions of the industry.

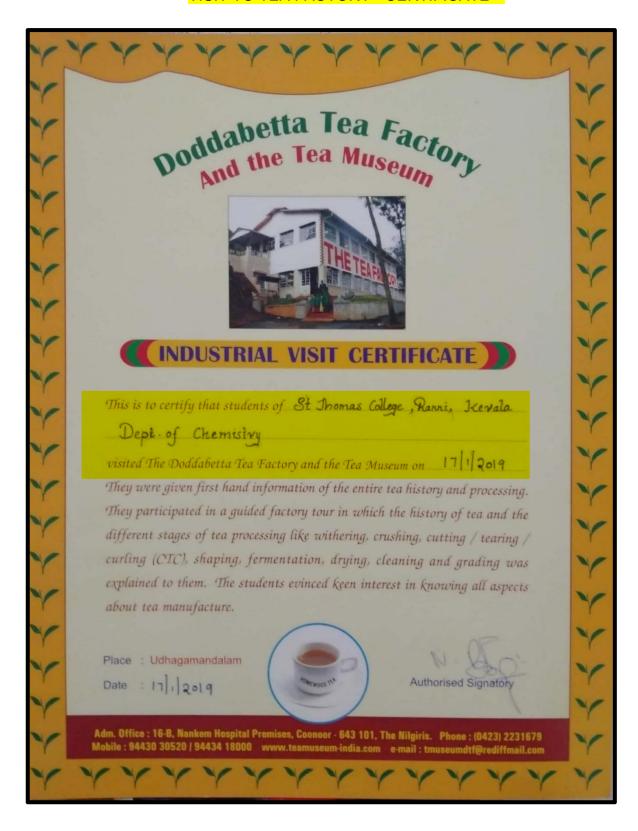
Sl.no	Name of the student			
1.	Tincy M B			
2.	Akhila Susan Thomas			
3.	Arsha S			
4.	Shebina Shamon			
5.	Aiswarys S			
6.	Jinto Tom			
7.	Nufeena N			
8.	Shalumol N Suresh			
9.	Athira Chandran			
10.	Anjana Thomas			
11.	Rajalekshmi R Nair			
12.	Jinta Sara Joseph			
13.	Anju A S			
14.	Harsha P R			
15.	Ashlin TAsok			
16.	Jawad ismail			
17.	Tincy M B			
18.	Akhila Susan Thomas			
19.	Arsha S			
20.	Shebina Shamon			
21.	Aiswarys S			
22.	Nufeena N			



Dr. Amsu Jacob Head of the Department Department of Chemistry St. Thomas College Ranny - 689 673



VISIT TO TEA FACTORY - CERTIFICATE



Proof of Agreement of Collaboration

BETWEEN

DEPARTMENT OF PHYSICS, ST.THOMAS

COLLEGE, RANNI

AND

KUDUMBASREE UNIT, PAZHAVANGADI,

RANNI

AGREEMENT LETTER



St. Thomas College, Ranni

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

Re-Accredited at B Level by NAAC

(Affiliated to Mahatma Gandhi University, Kottayam, Kerala)

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

Ph: 8301057965

Date:

Dear Madam,

Thank you for the kind courtesy extended to us during our visit to your office.

With reference to the discussions we had, it is with great pleasure that we, the Department of Physics at St. Thomas College Ranni, announce our collaboration with Kudumbashree Unit Pazhavangadi Panchayath, Ranni. As part of our collaboration, the students of our department will be providing technology awareness sessions for the members of Kudumbashree.

With this collaboration, our aim is to empower the members of Kudumbashree with the knowledge and skills required to effectively use technology in their daily lives. The technology awareness sessions will be conducted by our students, who will cover a wide range of topics such as basic computer skills, internet usage, social media, and online safety.

The collaboration between our department and Kudumbashree is a great initiative that will not only benefit the members of Kudumbashree but also our students. This partnership will provide our students with an opportunity to apply their academic knowledge in a real-world setting, develop their communication and interpersonal skills, and gain valuable experience working with a community organization.

We are excited to kick-start this collaboration and look forward to a fruitful partnership between our department and Kudumbashree Unit Pazhavangadi Panchayath, Ranni. Together, we hope to empower and uplift the community through education and technology.

Yours sincerely,

The Head of the Department

Department of Physics

St. Thomas College, Ranni

Date...

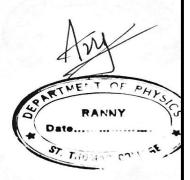
Proof of Activity under Collaboration Department of Physics, St.Thomas College, Ranni AND Kudumbasree Unit, Pazhavangadi

REPORT

- Collaborating institutions: Department of Physics, St. Thomas College, Ranni and Kudumbashree Unit Pazhavangadi Panchayath Ranni
- Title of the programme: Technology Awareness Programme for Kudumbashree Members
- Name of the faculty Coordinators: Asst Prof Sreevalsa K & Miss Jeffi Jose
- Date: 14/03/2019
- Number of volunteer student participants from St. Thomas College, Ranni:8
- Number of Kudumbasree Workers attended from, Pazhavangadi, Ranni: 62
- Objective of the Program: To empower Kudumbashree members to leverage the benefits of technology to achieve their personal and professional goals and contribute to the socio-economic development of their communities.

Description of the Event

The students of UG conducted a Technology Awareness Programme for Kudumbasree Workers on 14th March 2019. The students gave training for using different mobile application useful to them. And also they helped them to create email address and the basic instructions to handle them. The faculty members Sreevalsa K and Jeffy Jose accompanied the students. The section are very fruitful to them .Smt. Nisha CDS, Kudumbasree ,Pazhavangadi Gramma Panchayath delivered the vote of thanks.



PHOTOGRAPHS OF ACTIVITY

Collaboration between Department of Physics and Kudumbasree, Pazhavangady











Activity under the Collaboration between St.Thomas College, Ranni and Kudumbasree Unit

Activities done under the collaboration between St. Thomas College, Ranni and Kudumbashree Unit Pazhavangadi,

Ranni in the academic year :2018-2019

Date Title of Activity		Name of the Department which initiated the activity	Name of the coordinators	No. of students participate d in the activity	Signature of Heads of the Partnering Institutions	
					St. Thomas College, Ranni	Kudumbashree Unit Pazhavangadi, Ranni
						Street Street
	Technolog	200				By Z
	y Awareness	Department	Asst Prof	14.	Any	
14/03/2019	Programm e for	of Physics, St. Thomas	Sreevalsa K & Miss Jeffy	8		
	Kudumbas hree Members	College, Ranni	50,		8021.11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C C CLAN
	Wellbers				Date	01.65.25.25
					ST THOMAS COLLEGE	CONTRACTOR OF THE PARTY OF THE
						and the same of th



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Reg. No: P:303-02

പഴവങ്ങാടി ഗ്രാമപഞ്ചായത്ത്

mmid: CDS

This is to corbify that the students from B.Sc. Physics, St. Thomas college, Ranni, hove successfully conducted a class on Technology Awareness for the Kudumbashere members of Pazhavangodi Panchayath 00 14-03-2019.

The class aimed to create ourreness about the latest technology trends and its applications. The Kudumboshrao members actively participated in the interactive session & opposerrated the efforts baken by the students in shoring their Knowledge \$ exporience.

we congectulate the students for their valuable contribution to the community & wish them very best for their future endeavour's

certified by

Oale: 14.03.2019.

Venue : Ranni

വും കാരുവ புக்கி ஆர்ம். வெண்டிக் பிருக்கிய യുടുംബശ്രി

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



St. Thomas College, Ranni

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

Re-Accredited at B Level by NAAC

(Affiliated to Mahatma Gandhi University, Kottayam, Kerala)

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

Ph: 8301057965

13.09.2018

Collaborative Agreement

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

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

O. PUTHUVA

We look forward to this collaboration.

Dr. Devi Priya M.

Department of Botany

St. Thomas College, Ranni

V Dr. Common Mathew BAMS

Proprietor

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



GST IN:32AGSPM5610J1Z9

Ph: 04734 299958 9497489284

AMBOLIL ARYAVAIDYASALA

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

Ref:

Collaborative Agreement

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

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We look forward to this collaboration.

Dr. Oorpmen Mathew BAMS

Proprietor

Dr. Devi Priya M.

Department of Botany Thomas College, Ranni

Mas cour

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



St. Thomas College, Ranni

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

Re-Accredited at B Level by NAAC

(Affiliated to Mahatma Gandhi University, Kottayam, Kerala)

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

Ph: 8301057965

Date: 06.06.2018

Collaborative Agreement

Department of Botany, St. Thomas College, Ranni appreciates the opportunity to collaborate with Poonkavanam Gardens, College Road, Pazhavangadi PO, Ranny, in consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which both St. Thomas College, Ranni, and Poonkavanam Gardens shall encourage interaction between faculty members and students. Poonkavanam Gardenswill provide plant materials for the students of botany for practical and project work and the college will provide technical guidance for nursery management for the collaborating partner.

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

We look forward to this collaboration.

Devi Priya M.

Department of Botany

St. Thomas College, Ranni

Suresh Nicholas Manchini
Proprietor

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

POONKAVANAM GARDENS

COLLEGE ROAD, PAZHAVANGADI PO, RANNY

e-mail:surshmanchini@gmail.com

Ph: 9400119940

06.06.2018

Collaborative Agreement

Poonkavanam Gardens, College Road, Pazhavangadi PO, Ranny appreciates the opportunity to collaborate with, Department of Botany, St. Thomas College, Ranny in consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which both Poonkavanam Gardens and St. Tannas College, Ranny shall encourage interaction between faculty members and students. The college will provide technical guidance for nursery management for the collaborating partner and the Poonkavanam Gardens will provide plant materials for the students of botany for practical and project work.

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

We look forward to this conaboration

GARD

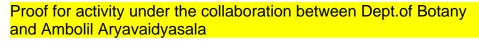
If. Suresh Nicholas Manchinivo

Proprietor

Dr. Devi Priya M.

Department of Botany

St. Thomas College, Ranni





Department of Botany

St. Thomas College

Pazhavangadi P.O., Ranny, Pathanamthitta- 689673

E-mail – botanydeptstcranni@gmail.com

Ref...... 31.03.2019

CERTIFICATE

This is to certify that Ambolil Aryavaidyasala, Puthuval, Pathanapuram provided the plant materials necessary for the project works of the students during the academic year 2018-2019

DEVIPRIYA M.
Assistant Professor of Botany
St. Thomas College
Pazhavangadi P.O, Ranni - 689 673

Pathanamthitta E-mail: devi.priya.m@gmail.com



Department of Botany

St. Thomas College

Pazhavangadi P.O., Ranny, Pathanamthitta- 689673

E-mail – botanydeptstcranni@gmail.com

CERTIFICATE

This is to certify that Poonkavanam Gardens provided the plant materials necessary for the conducting practicals for the students during the academic year 2018-19

DEVIPRIYA M.
Assistant Professor of Botany
St. Thomas College

Pazhavangadi P.O, Ranni - 689 673
Pathanamthitta

E-mail: devi.priya.m@gmail.com



Studies on seed propagation in Indian plum (Flacourtia jangomas (Lour) Raeusch)

Dissertation

Submitted to the Mahatma Gandhi University, Kottayam in partial fulfillment of requirements for the award of BACHELORS DEGREE IN BOTANY

BY

MAHESWARI P. M (Reg. No 160021031967)



March 2019

Valued My

DEPARTMENT OF BOTANY ST. THOMAS COLLEGE, RANNY, PATHANAMTHITTA, KERALA



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BY

AKHILA SUSAN TOMY (Reg. No 160021031972)



March 2019

Jahred John

DEPARTMENT OF BOTANY ST. THOMAS COLLEGE, RANNY, PATHANAMTHITTA, KERALA



Studies on the Calcium Oxalate Crystals of some Selected plants of Araceae

Dissertation

Submitted to the Mahatma Gandhi University, Kottayam in partial fulfillment of requirements for the award of BACHELORS DEGREE IN BOTANY

 \mathbf{BY}

VIVEK SOJAN (Reg. No 160021031990)



March 2019

Valued by

DEPARTMENT OF BOTANY ST. THOMAS COLLEGE, RANNY, PATHANAMTHITTA, KERALA



Duckney