



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)

2021-2022

CRITERION : 6

**GOVERNANCE, LEADERSHIP
AND MANAGEMENT**



6.5.2. Summary of Functional MoU's/Linkages/Collaborations

2021-2022

No	MoU/Linkage/Collaboration	Start Date	End Date	Nature
1	Internship for Project work Dept of Chemistry, St. Thomas College Ranni & Sree Narayana College, Kollam	04/05/2022	20/07/2022	MSc Project- Ms.Anjali J under the supervision of Dr. V L Pushpa ,Sree Narayana College, Kollam
	Internship for Project work Dept of Chemistry, St. Thomas College Ranni & Sree Narayana College, Kollam	04/05/2022	20/07/2022	MSc Project- Dhanya George, under the supervision of Dr. V L Pushpa , Sree Narayana College, Kollam
	Internship for Project work Dept of Chemistry, St. Thomas College Ranni & Sree Narayana College, Kollam	04/05/2022	20/07/2022	MSc Project- Nivitha Paul, under the supervision of Dr. V L Pushpa , Sree Narayana College, Kollam
	Internship for Project work Dept of Chemistry, St. Thomas College Ranni & Sree Narayana College, Kollam	04/05/2022	20/07/2022	MSc Project- Ms. Maria James under the supervision of Dr. V L Pushpa , Sree Narayana College, Kollam
2	Internship for Project work Dept of Chemistry, St. Thomas College Ranni & School of Energy materials, MG University, Kottayam	04/05/2022	20/07/2022	MSc Project- Ms. Josmy Paul under the supervision of Dr. Sabu Thomas Director of School of Energy materials, MG University, Kottayam
	Internship for Project work Dept of Chemistry, St. Thomas College Ranni & School of Energy materials, MG University, Kottayam	04/05/2022	20/07/2022	MSc Project- Mr. Karthikeyan B, under the supervision of Dr. Sabu Thomas Director of School of Energy materials, MG University, Kottayam
	Internship for Project work Dept of Chemistry, St. Thomas College Ranni & School of Energy materials, MG University, Kottayam	04/05/2022	20/07/2022	MSc Project- Ms. Pricilla John, under the supervision of Dr. Sabu Thomas Director of School of Energy materials, MG University, Kottayam
3	Internship for Project work Dept of Chemistry, St. Thomas College Ranni	04/05/2022	20/07/2022	MSc Project- Arjun Panicker under the supervision of Dr.Shaju



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	&Dept. of chemical Oceanography, CUSAT, Cochin			S S, Dept. of chemical Oceanography, CUSAT, Cochin
4	Internship for Project work Dept of Chemistry, St. Thomas College Ranni & St. Berchman's College, Kottayam	04/05/2022	20/07/2022	MSc Project-Christy Anna Paul, under the supervision of Aravind K, Asst Prof, St. Berchmans College, Kottayam
5	Internship for Project work Dept of Chemistry, St. Thomas College Ranni & Nirmala College, Muvattupuzha	04/05/2022	20/07/2022	MSc Project- Haripriya K R, , under the supervision of Dr. Jyothish Kuthanapillil, Asst. Prof, Nirmala College, Muvattupuzha
6	Linkage – Institutional visit Dept. of Physics & Planetarium, Kozhikkode	27/03/2022	27/03/2022	Institutional visit - 21 students visited the planetarium as the part of their study
7	Linkage - Industrial visit Madupetty Tea Factory	25/03/2022	25/03/2022	Industrial visit - 21 students visited the planetarium as the part of their study
8	Linkage- Knowledge acquisition Dept of Chemistry, St.Thomas College Ranni & Capital Pure Plast, Ranni	27/01/2022	27/01/2022	In connection with the demonstration of Polymer Processing technology (52 students)
9	Collaboration Department of Physics St Thomas College and CMS Community UP School Ranni	19/01/2022	19/01/2023	Demonstration of Science experiments- 18 students & 2 faculties conducted a motivation class in Science subject through experiments
10	Collaboration St Thomas College and Janatha Library and Reading Room	07/07/2021	07/07/2023	Sharing Knowledge to children of Kuttor Village and provide books to library & Access books to students of STC Ranni
11	Memorandum of Understanding (MoU)	24/02/2022	23/02/2025	MSC Physics Student Project work – Ms. Juris N



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	Henry Baker College and St. Thomas College Ranny			
12	Memorandum of Understanding (MoU) St. Joseph's College Moolamattom and St. Thomas College Ranny	24/02/2022	23/02/2025	BSc Physics Student Project work- Dayal Krishna
13	Memorandum of Understanding (MoU) Dept. of Physics & BAM College, Thuruthicad, Knowledge sharing	17/12/2020	16/12/2023	Knowledge sharing- Faculty Exchange Program on 12.04.2022 & 13.04.2022
14	Memorandum of Understanding (MoU) Dept. of History, St. Thomas College, Ranni & 5 Colleges under MG University (St. Thomas College, Pala, St. Dominiic's College, Kanjirappally, Alphonsa College, Pala, Henry Baker College, Melukavu)	19.11.2019	18.11.2024 (5years)	Sharing of Resources and Expertise & organising and conducting of Academic Lectures
15	Memorandum of Understanding (MoU) Dept. of Chemistry & Friends Polymers , Alappuzha	29.09.2020	29.09.2023	Internship & skilled Training
16	Memorandum of Understanding (MoU) Dept. of Botany & MRDO, Chengannor	29.09.2020	29.09.2023	Mushroom Hands on training to Kudumbasree unit & Students of St. Thomas College, Ranni
17	Memorandum of Understanding (MoU) Dept. of Physics & Pushpagiri College of Pharmacy	01.01.2021	31.12.2021	Microbiology lab work of the MSC project
18	Memorandum of Understanding (MoU) St. Thomas College, Ranni & Kanal innovations & Charitable Trust	06.06.2020	05.07.2022	Legal Awareness classes for College Students



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19	Memorandum of Understanding (MoU) Clean Kerala Company and St. Thomas College Ranni	03/02/2022	02/02/2023	Implementing sustainable waste management practices
20	Memorandum of Understanding (MoU) TIES and St. Thomas College Ranny	17/01/2022	16/01/2023	Green auditing the college campus
21	Collaboration Department of botany & Poonkavanam Gardens	08/06/2021	07/06/2022	Providing plant materials for practical
22	Memorandum of Understanding (MoU) In- house Aviation Training Academy, Palarivattom, Cochin	17/09/2019	16/09/2022	Internship Training program , Gallileo CRS Basic course- 20 students



ST. THOMAS COLLEGE, RANNI

PROOF FOR INTERNSHIP - PROJECT WORK



ST. THOMAS COLLEGE, RANNI

DEPARTMENT OF CHEMISTRY

Collaborating Institution	Sree Narayana College, Kollam
Nature of collaboration	Internship for MSc Chemistry project work
Year of collaboration	2021-2022
Duration of collaboration	2 Months
Activity under collaboration	MSc Students Project Work (4nos)

MSc PROJECT WORK AT COLLABORATING INSTITUTE



SREE NARAYANA COLLEGE, KOLLAM

DEPARTMENT OF CHEMISTRY

CERTIFICATE

This is to certify that the work embodied in the project entitled "INSILICO STUDIES TO DETERMINE PHYTOCHEMICAL ACTIVITY AGAINST RENAL CALCULI" is an authentic record of the research work carried out by Ms. ANJALI J under my supervision and guidance in partial fulfillment of the requirements for the degree of Master of Science in Chemistry from Mahatma Gandhi University, Kottayam and further no part of this has been presented elsewhere for any other Degree.

KOLLAM

Dr. VL Pushpa
Professor & Head
Department of Chemistry
Sree Narayana College, Kollam



ST. THOMAS COLLEGE, RANNI



SREE NARAYANA COLLEGE, KOLLAM

DEPARTMENT OF CHEMISTRY

CERTIFICATE

This is to certify that the work embodied in the project entitled
“PHYTOCHEMICAL REMEDIATION OF POPULAR NSAIDS TOWARDS
COX-2 INHIBITION BY INSILICO MEANS” is an authentic record of the
research work carried out by Ms. **DHANYA GEORGE** under my supervision and
guidance in partial fulfilment of the requirements for the degree of Master of Science
in Chemistry from Mahatma Gandhi University, Kottayam and further no part of this
has been presented elsewhere for any other Degree.

KOLLAM

Dr. V L Pushpa

Professor & Head

Department of Chemistry

Sree Narayana College, Kollam



ST. THOMAS COLLEGE, RANNI



DEPARTMENT OF CHEMISTRY

SREE NARAYANA COLLEGE, KOLLAM

CERTIFICATE

This is to certify that work embodied in the project entitled "**AN INVESTIGATION ON THE COMBINED TARGETING OF ANDROGEN RECEPTOR AND VITAMIN D RECEPTOR FOR KIDNEY STONE BY IN SILICO MEANS**" is an authentic record of the research work carried out by Ms. NIVITHA PAUL M P under my supervision and guidance in partial fulfilment of the requirements for the degree of master of science in chemistry from Mahatma Gandhi University, Kottayam and further no part of this has been present elsewhere for any other degree.

Dr. V L Pushpa

Professor & Head of the Department

Department of Chemistry,

Sree Narayana College, Kollam.



ST. THOMAS COLLEGE, RANNI



SREE NARAYANA COLLEGE, KOLLAM

DEPARTMENT OF CHEMISTRY

CERTIFICATE

This is to certify that the work embodied in the project entitled "**IDENTIFICATION OF ACTIVE CURCUMIN COMPOUNDS AGAINST PROSTATE CANCER**" is an authentic record of the research work carried out by Ms. MARIYA JAMES under my supervision and guidance in partial fulfilment of the requirements for the degree of Master of Science in Chemistry from Mahatma Gandhi University, Kottayam and further no part of this has been presented elsewhere for any other Degree.

KOLLAM

Dr. V L Pushpa

Professor & Head

Department of Chemistry

Sree Narayana College, Kollam



ST. THOMAS COLLEGE, RANNI

DEPARTMENT OF CHEMISTRY

Collaborating Institution	School of Energy materials, MG University, Kottayam
Nature of collaboration	Internship for MSc Chemistry project work
Year of collaboration	2021-2022
Duration of collaboration	2 Months
Activity under collaboration	MSc Students Project Work (3nos)

MSc PROJECT WORK AT COLLABORATING INSTITUTE



School of Energy Materials

Mahatma Gandhi University

Priyadarshini Hills

Kottayam-686 560, Kerala, India

Telephone: 91-9447223452 (Mobile)

E-mail: sabuthomas@mgu.ac.in

Prof. Dr. SABU THOMAS PhD, FRSC
Director, School of Energy Materials

Ref: MGU/SEM/PROJECT STUDENTS/2022/CERT-15

CERTIFICATE

This is to certify that the project entitled “ *EFFECT OF GRAPHENE OXIDE ON THE RHEOLOGICAL PROPERTIES OF RUBBER TOUGHENED EPOXY SYSTEM*” is an authentic record of the work carried out by Ms. JOSMY PAUL (Reg. No. 200011011443), St. Thomas College Ranni (Affiliated to Mahatma Gandhi University, Kottayam) under my guidance and supervision at the School of Energy Materials, Mahatma Gandhi University, Kottayam, Kerala in partial fulfillment of the requirements for the award of the degree of Master of Science in Chemistry from Mahatma Gandhi University, Kottayam.

Prof. Dr. Sabu Thomas

Kottayam,
28.09.2022



ST. THOMAS COLLEGE, RANNI



School of Energy Materials
Mahatma Gandhi University
Priyadarsini Hills
Kottayam-686 560, Kerala, India
Telephone: 91-9447223452 (Mobile),
481-2730003 (Office)
E-mail: sabuthomas@mgu.ac.in

Prof. Dr. SABU THOMAS PhD, FRSC
Director, School of Energy Materials

Ref: MGU/SEM/PROJECT STUDENTS/2022/CERT-14

CERTIFICATE

This is to certify that the project entitled **"PREPARATION AND CHARACTERIZATION OF GRAPHENE OXIDE AND DIFFUSION STUDIES OF MWCNT-SILICONE RUBBER NANOCOMPOSITE"** is an authentic record of the work carried out by **Mr. KARTHIKAYAN B (Reg. No.200011011444)**; St Thomas College, Ranni, Pathanamthitta under my guidance and supervision at the School of Energy Materials, Mahatma Gandhi University, Kottayam, Kerala in partial fulfilment of the requirements for the award of the degree of master of science in chemistry from Mahatma Gandhi University, Kerala.

Sabu Thomas

Kottayam
24/09/2022



ST. THOMAS COLLEGE, RANNI



School of Energy Materials

Mahatma Gandhi University

Priyadarshini Hills

Kottayam-686 560, Kerala, India

Telephone: 91-9447223452 (Mobile)

E-mail: sabuthomas@mggu.ac.in

Prof. Dr. SABU THOMAS PhD, FRSC

Director, School of Energy Materials

Ref: MGU/SEM/PROJECT STUDENTS/2022/CERT-16

CERTIFICATE

This is to certify that the project entitled “**PREPARATION AND CHARACTERISATION OF h-BN/MABS NANOCOMPOSITES**” authentic record of the work carried out by **Ms. PRISCILLA JOHN** (Reg. No. 200011011447), St. Thomas College Ranni (Affiliated to Mahatma Gandhi University, Kottayam) under my guidance and supervision at the School of Energy Materials, Mahatma Gandhi University, Kottayam, Kerala in partial fulfilment of the requirements for the award of the degree of Master of Science in Chemistry from Mahatma Gandhi University, Kottayam.

Prof. Dr. Sabu Thomas

Kottayam,

28.09.2022



ST. THOMAS COLLEGE, RANNI

DEPARTMENT OF CHEMISTRY

Collaborating Institution	Dept. of chemical Oceanography, CUSAT, Cochin
Nature of collaboration	Internship for MSc Chemistry project work
Year of collaboration	2021-2022
Duration of collaboration	2 Months
Activity under collaboration	MSc Students Project Work (1 nos)

MSc PROJECT WORK AT COLLABORATING INSTITUTE

 കൊച്ചി ശാസ്ത്ര സാങ്കേതിക സർവ്വകലാശാല
COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF MARINE SCIENCES

 50 YEARS
CELEBRATING KNOWLEDGE

DEPARTMENT OF CHEMICAL OCEANOGRAPHY സമുദ്ര രസതന്ത്ര വിഭാഗം

Dated: 28.09.2022

CERTIFICATE

This is to certify that the present dissertation work entitled "Characterisation and Quantification of Major Biochemical Components Of Mangrove Fern, *Achrostichum aureum*" submitted to Mahatma Gandhi University, Kottayam in partial fulfilment of the requirement for the degree of Master of Science in Chemistry is a bonafide project work done by Mr. Arjun Panicker (Reg No:200011011439) at Department of Chemical Oceanography (COD), Cochin University of Science and Technology (CUSAT) from May 2022 to July 2022 under the guidance of


Dr. Ragi A S
Co-Guide
Post Doctoral Fellow
Department of Chemical Oceanography,
School of Marine Science
Cochin University of Science and
Technology (CUSAT)
Kochi 682016


Dr. Shaju S. S
Supervising Guide
Head of the Department
Department of Chemical Oceanography
School of Marine Science
Cochin University of Science and
Technology (CUSAT)
Kochi 682016



Fine Arts Avenue, Kochi - 682 016, India
Tel: 91-484-2382131 (O), 0484-2863403, E-mail: chemoc@cusat.ac.in



ST. THOMAS COLLEGE, RANNI

DEPARTMENT OF CHEMISTRY

Collaborating Institution	Dept. of Chemistry, St. Berchmans College, Kottayam
Nature of collaboration	Internship for MSc Chemistry project work
Year of collaboration	2021-2022
Duration of collaboration	2 Months
Activity under collaboration	MSc Students Project Work (1nos)

MSc PROJECT WORK AT COLLABORATING INSTITUTE






ST. THOMAS COLLEGE, RANNI

DEPARTMENT OF CHEMISTRY

Collaborating Institution	Dept. of Chemistry, Nirmala College, Muvattupuzha
Nature of collaboration	Internship for MSc Chemistry project work
Year of collaboration	2021-2022
Duration of collaboration	2 Months
Activity under collaboration	MSc Students Project Work (1 nos)

MSc PROJECT WORK AT COLLABORATING INSTITUTE

POST GRADUATE AND RESEARCH DEPARTMENT OF CHEMISTRY


 NIRMALA COLLEGE
Muvattupuzha, Ernakulam (Dist)
Kerala, Pin: 686661

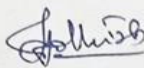
Date: 26-09-2022

CERTIFICATE

This is to certify that Ms. Haripriya K. R has carried out the project entitled
"UNPRECEDENTED VISCOUS PHASE AND GEL PHASE FORMATION IN
CARDANOL AZODYE AMPHIPHILES" at Post Graduate and Research Department of
Chemistry, Nirmala College, Muvattupuzha under my supervision for the partial fulfillment
of the degree of Master of Science in Chemistry.

Muvattupuzha




Dr. JYOTHISH KUTHANAPILLIL
Assistant Professor,
Post Graduate and Research Dept of Chemistry,
Nirmala College, Muvattupuzha



ST. THOMAS COLLEGE, RANNI

PROOF FOR LINKAGE INDUSTRY VISIT

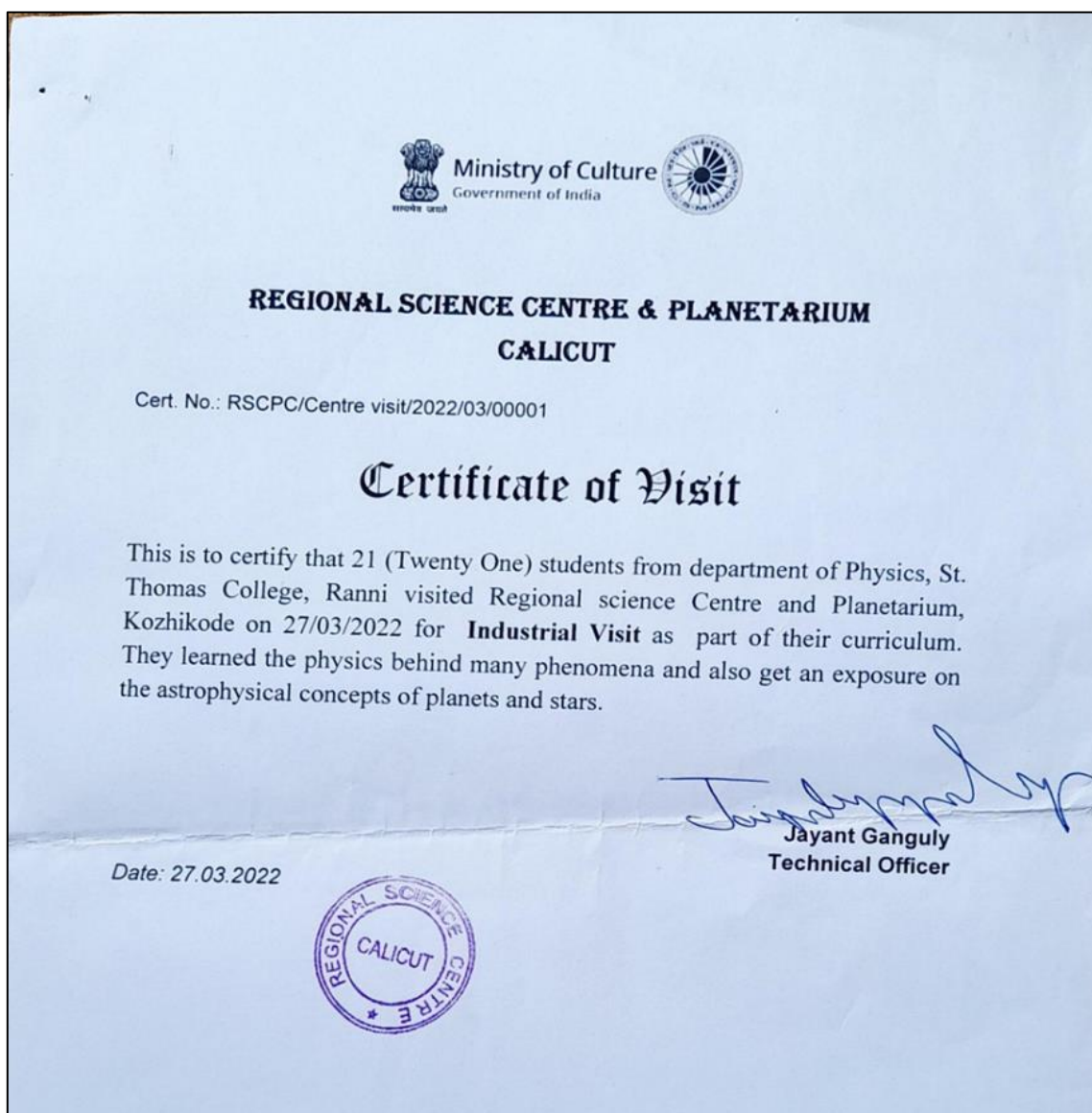


ST. THOMAS COLLEGE, RANNI

DEPARTMENT OF PHYSICS

Collaborating Institution	Regional Science Centre & Planetarium, Calicut
Nature of collaboration	Linkage- Institutional Visit
Year of collaboration	2021-2022
Duration of collaboration	1 Day (27.03.2022)
Activity under collaboration	BSc. Physics Students (21nos)

LINKAGE- INSTITUTIONAL VISIT



Institutional visit - 21 students visited the planetarium as the part of their syllabus



ST. THOMAS COLLEGE, RANNI

DEPARTMENT OF CHEMISTRY

Collaborating Institution	Mattupetty Tea Factory
Nature of collaboration	Linkage- Industrial Visit
Year of collaboration	2021-2022
Duration of collaboration	1 Day (25.03.2022)
Activity under collaboration	Industrial Visit (22 students)

LINKAGE- INDUSTRIAL VISIT

St.Thomas College Ranni

PG Department of Chemistry

Industry Visit 2021-22

1.Kanna Devan Hills-Madupatty

In accordance with the curriculum of Mahatma Gandhi University Kerala, an Industrial Visit was conducted on 25/03/2022 to Kannan Devan Hills Plantations Company Private Limited, Madupatty. 22 students along with two supervising teachers of the Chemistry Department of St. Thomas College Ranni visited the factory. Under the guidance of Asst. Prof. Dr. Mathew Kuruvilla and Asst. Prof. Bincy Francis, the final year Chemistry students were able to conduct and successfully complete their industrial visit

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. Moreover the students could learn more about manufacturing and processing of various Tea products beyond the book.

Student List

Sl.No	Name of the student	Designation
1	Neeraja Krishnan	Student
2	Alwin M S	Student
3	Akshay Vijaykumar	Student
4	Anjitha Ajith	Student
5	Anju Anian	Student
6	Archana B Panicker	Student
7	Ashwin Ashok P P	Student
8	Bijin S Baby	Student
9	Megha Elsa Mathews	Student
10	Parvathi Rajesh	Student
11	Parvathi Sajeer	Student
12	Priya Prasannan	Student
13	Saihy Thomas	Student
14	Sethulakshmi S	Student
15	Anandha Krishnan K R	Student
16	Anuja Suresh	Student
17	Arya Ashokan	Student
18	Athira Manoj	Student
19	Athulya Sabu	Student
20	Manna Sunny	Student
21	Rishana K R	Student

List of students visited the Kannan Devan Tea Factory



Students Visit @ Kannan Devan Tea factory industry- Mattupetty



Kanan Devan Hills Plantations Company Private Limited

Ref.No.IR/MSO

29th March 2022

TO WHOMSOEVER IT MAY CONCERN

CERTIFICATE

This is to certify that 22 B.Sc Chemistry Department students with 2 faculties, from St. Thomas College, Ranni, had visited our Madupatty Tea Factory on 25th March 2022, in connection with their industrial visit.

for KDHP COMPANY PRIVATE LIMITED

Certificate from Kannan Devan Tea Factory- Mattupetty



ST. THOMAS COLLEGE, RANNI

DEPARTMENT OF CHEMISTRY

Collaborating Institution	Capital Pure Plast
Nature of collaboration	LINKAGE - knowledge acquisition
Year of collaboration	2021-2022
Duration of collaboration	1 Day (27.01.2022)
Activity under collaboration	Industrial Visit- Polymer processing technology updation (52 nos)

LINKAGE- INDUSTRIAL VISIT

 CAPITAL PURE PLAST Manufactures of Plastic Water Storage Tanks & Septic Tank	Aythala P.O., Pazhavangady, Ranni Pathanamthitta, Kerala. Pin : 689673 Ph : 04735 229999, 8281808666 email : cpptallyranni@gmail.com
Date <u>27.1.2022</u>	
Certificate	
<p>This is to certify that 52 students and 2 faculties from the department of Chemistry, St. Thomas College Ranni had visited our factory "Capital Pure Plast" on 27/01/2022 in connection with their certificate course "Polymer Processing"</p>	
	<p>Renjith Zachariah  Proprietor</p>

Certificate from Capital Pure Plast -Industrial Visit



2.Capital Pure Plast-Ranni

As a part of certificate Course 'Polymer Processing' 52 students from Dept.Of Chemistry, St.Thomas College, Ranni visited *Capital Pure plast*, Ranni on 27/01/2022. The industry mainly focus on manufacturing of Water Storage Tanks. The students became familiar with various polymer processing techniques. Dr. Ansu Jacob and Mrs. Bincy Francis assisted the students.

The list of Students

Sl.No	Name of the student	Class
1	Neeraja Krishnan	D3 Chemistry
2	Alwin M S	D3 Chemistry
3	Akshay Vijaykumar	D3 Chemistry
4	Anjitha Ajith	D3 Chemistry
5	Anju Anian	D3 Chemistry
6	Archana B Panicker	D3 Chemistry
7	Ashwin Ashok P P	D3 Chemistry
8	Bijin S Baby	D3 Chemistry
9	Megha Elsa Mathews	D3 Chemistry
10	Parvathi Rajesh	D3 Chemistry
11	Parvathi Sajeev	D3 Chemistry
12	Priya Prasannan	D3 Chemistry
13	Saiby Thomas	D3 Chemistry
14	Sethulakshmi S	D3 Chemistry
15	Anandha Krishnan K R	D3 Chemistry
16	Anuja Suresh	D3 Chemistry
17	Arya Ashokan	D3 Chemistry
18	Athira Manoj	D3 Chemistry
19	Athulya Sabu	D3 Chemistry



ST. THOMAS COLLEGE, RANNI

20	Manna Sunny	D3 Chemistry
21	Rishana K R	D3 Chemistry
22	Sackson Thomas	D3 Chemistry
23	Ajesh MR	D2 Chemistry
24	Akhila Anilkumar	D2 Chemistry
25	Aleena Lijo	D2 Chemistry
26	Anjali M	D2 Chemistry
27	Arathimol A	D2 Chemistry
28	Aravind Mohanan	D2 Chemistry
29	Gopika P.B	D2 Chemistry
30	Harisankar VR	D2 Chemistry
31	Jofina Siby	D2 Chemistry
32	Meenakshi H	D2 Chemistry
33	Meera Rajesh	D2 Chemistry
34	Megha George	D2 Chemistry
35	Muhammed Faris	D2 Chemistry
36	Savanth Salu	D2 Chemistry
37	Sulthana KA	D2 Chemistry
38	Thoufeek S	D2 Chemistry
39	Abhinand M Anil	D2 Chemistry
40	Akshath Binu	D2 Chemistry
41	Anjana A	D2 Chemistry
42	Dividhya Dileep	D2 Chemistry
43	Feba Anna John	D2 Chemistry
44	Jennifer Mary Joseph	D2 Chemistry
45	Vishak M Nair	D2 Chemistry
46	Alfiya Asharaf	D1 Chemistry
47	Anandhu G Nair	D1 Chemistry
48	Archana Ajayakumar	D1 Chemistry
49	Arunjith A	D1 Chemistry

50	Harsha Mol	D1 Chemistry
51	Liya David	D1 Chemistry
52	Nandhitha Vinesh	D1 Chemistry



Dr. Ansa Jacob
Head of the Department
Department of Chemistry
St. Thomas College
Ranni - 685 673



ST. THOMAS COLLEGE, RANNI

PROOF FOR LINKAGE KNOWLEDGE SHARING



ST. THOMAS COLLEGE, RANNI

DEPARTMENT OF PHYSICS

Collaborating Institution	CMS community UP School, Ranni
Nature of collaboration	Linkage for motivational classes to school students
Year of collaboration	2021-2022
Duration of collaboration	1 Day (19.01.2022)
Activity under collaboration	18 students & 2 faculties conducted a motivation class in Science subject through experiments



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: 17/01/2022

Dear Madam,

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

With reference to the discussions we had, we are pleased to present our proposal for the live demonstration of fundamental level science experiments for the students of your esteemed institution.

This will be a full day programme which will include live demonstration and detailing of school level science experiments mentioned in and outside the school curriculum. The respective experiments will be demonstrated and explained by expert students with an aptitude towards teaching and are selected for this programme after screening. The overall monitoring will be done by the programme coordinating faculties from the department of Physics.

The list of students selected for demonstrating and detailing the experiments

EXPERIMENTS	NAME OF STUDENTS
Optical experiments based on Reflection, Refraction and Total Internal Reflection	Josena Mary George, Vishnu Suresh & Bibin Abraham
Experiments based on electricity	Aby Santhosh, Devajith P R & Divya Biji
Experiments based on magnetism	Anju Biju, Aswathi R & Benz Hentry Joseph
Simple General Physics experiments revealing the basic concepts in physics	Arya Ashok, Dharmesh & Krishnasree R
Mathematical games helping to understand basic concepts in mathematics	Mahitha Girish, Silpa Mohan & Alen P R
Experiments demonstrating various chemical reactions	Mekha Jayan, Nandana Nadh & Roshni C Thomas

Yours sincerely,

The Principal

St. Thomas College, Ranni

PRINCIPAL IN CHARGE
ST. THOMAS COLLEGE
PAZHAVANGADI P.O
RANNI - 689 673



BENNY O SIMON
HEADMASTER
CMS COMMUNITY UP SCHOOL
RANNI
PEN 531241





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: 20/01/2022

REPORT

- Collaborating institutions: Department of Physics, St. Thomas College, Ranni and CMS Community UP School, Pazhavangadi, Ranni
- Title of the programme: Demonstration of Fundamental Level Science Experiments
- Name of the faculty Coordinators: Asst Prof Soumyamol K.S & Asst Prof Sreevalsa K
- Date: 19/01/2022
- Number of volunteer student participants from St. Thomas College, Ranni : 18
- Number of students attended from CMS Community UP School, Pazhavangadi, Ranni: 35
- Objective of the Program: To attract students to the fascinating world of science and provide them a chance to understand various science experiments in depth.

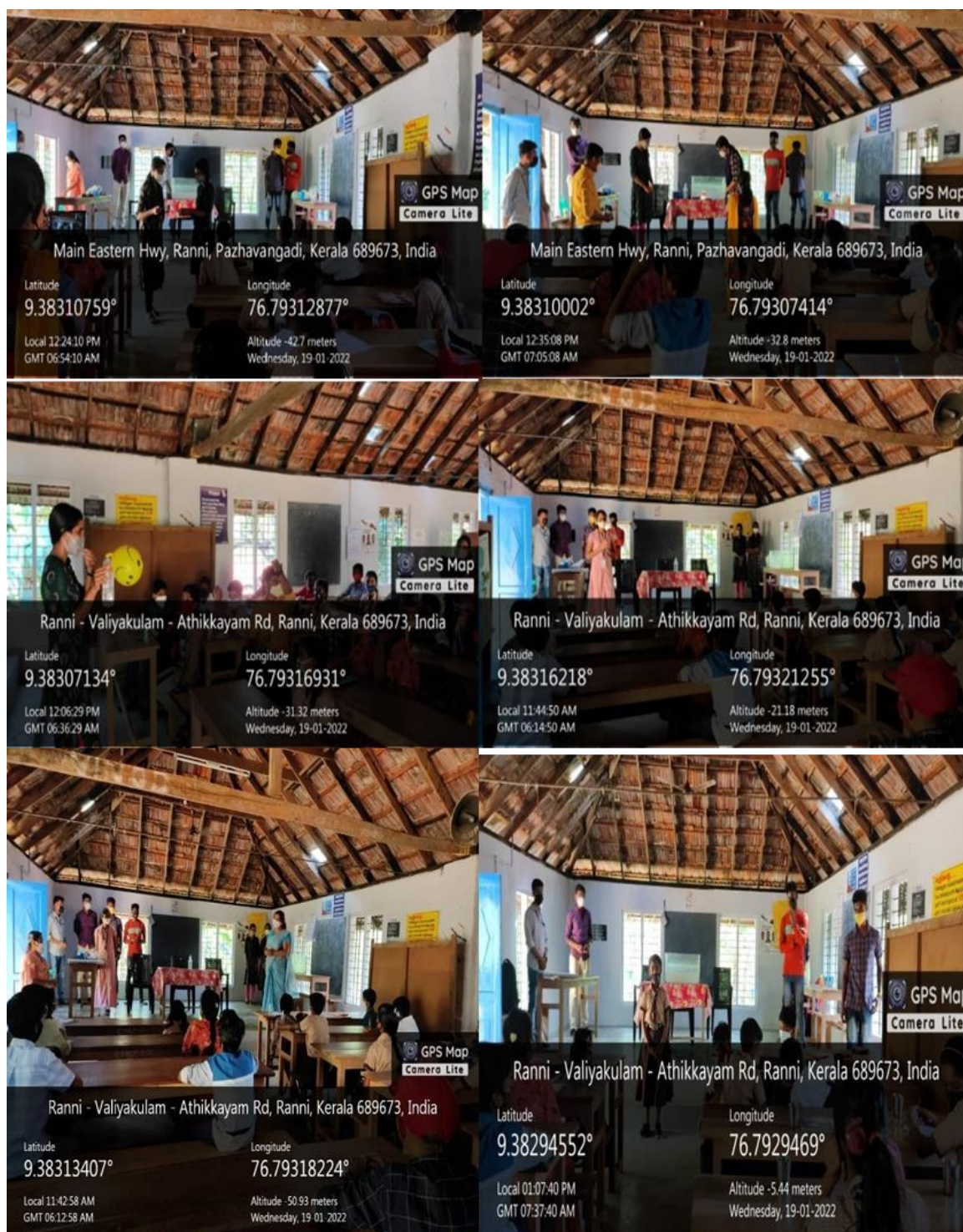
- **Description Of the Event**

Department of Physics, St. Thomas College, Ranni organized a science experiment demonstration programme for students of CMS Community UP School, Pazhavangadi, Ranni on 19/01/2022. Eighteen students (6 groups) from the Department of Physics, St. Thomas College, Ranni actively coordinated the program. They explained the importance of science and motivated students through interesting experiments. Ms. Soumyamol K S and Mrs. Sreevalsa K were the faculty coordinators of the programme. The sessions were very much interactive. The program included mind blowing mathematical games too. Headmistress Mrs. Suja Mercy Varghese conveyed special thanks to all those worked hard for the success of the programme.



Principal
PRINCIPAL IN CHARGE
ST. THOMAS COLLEGE
PAZHAVANGADI P.O.
RANNY - 689 673

BENNY O SIMON
HEADMASTER
CMS COMMUNITY UP SCHOOL
RANNY
PEN 531241







Motivation class of science subject through experiments @ CMS community UP School,
Ranni



ST. THOMAS COLLEGE, RANNI

Activities done under the collaboration between St. Thomas College, Ranni and CMS UP School, Pazhavangadi, Ranni in the academic year :2021-2022

Date	Title of Activity	Name of the Department which initiated the activity	Name of the coordinators	No. of students participated in the activity	Signature of Heads of the Partnering Institutions	
					St. Thomas College, Ranni	CMS Community UP School, Pazhavangadi, Ranni
19/01/2022	Demonstration of Fundamental Level Science Experiments	Department of Physics, St. Thomas College, Ranni	Asst. Prof Soumyamol K.S & Asst. Prof Sreevalsa K	18	 PRINCIPAL IN CHARGE ST. THOMAS COLLEGE PAZHAVANGADI P.O. RANNI - 629 517 	 BENNY O SIMON HEADMASTER CMS COMMUNITY UP SCHOOL RANNI PEN 531241 

Certificate of activity done under collaboration



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: 01/01/2021

Collaboration

This Collaboration has been made and executed at Ranni on the 7th day of July, year Two Thousand and Twenty one [07.07.2021]

BETWEEN

ST. THOMAS COLLEGE, Ranni, Pathanamthitta- 689673 established in the year 1964. The College is affiliated to **Mahatma Gandhi University, Kottayam**. This College is involved in reaching the unreached through scientific dissemination of knowledge through outreach programs, community-based interventions, field studies, etc.

AND

JANATHA LIBRARY AND READING ROOM, West Othara, Pathanamthitta, Reg No: 4208

St Thomas College, has agreed to the following

1. Be a Knowledge Partner and conduct awareness classes and Gender sensitization Programmes for members of Janatha Library and children of Kuttoor Village
2. Provide Library books and assistance for the renovation of Janatha library and reading room

Janatha Library and Reading Room has agreed to the following

1. Give access to students of St Thomas College, Ranni to Janatha Library and reading room.

AUTHORISATION

The signing of this document is a formal undertaking. It implies that the signatories will strive to reach, to the best of their ability, the scope and terms stated in the agreement. The agreement may be extended by mutual consent of the two parties after the two- year period, and it must be renewed in writing.

On behalf of the organization I represent, I wish to sign this agreement and contribute to its development



I. Name: Dr. Rigy Idiculla
Title: Coordinator, Readers Club, St Thomas College, Ranni
Date: 07.07.2021
Name: P. T. Thomas
Title: Secretary, Janatha Library and Reading Room
Date: 07.07.2021





ST. THOMAS COLLEGE, RANNI

ST. THOMAS COLLEGE, RANNI

Collaborating Institution	Janatha Library, Reading Room, West Othara, Pathanamthitta
Year of collaboration	2021-2022
Duration of collaboration	2years (07.07. 2021 – 07.07.2023)
Activity under collaboration	Sharing Knowledge to children of Kuttor Village and provide books to library & Access books to students of STC Ranni

ACTIVITY UNDER MoU- SHARING KNOWLEDGE BY AN INVITED TALK



Dr. Rigi Idiculla, Assistant Professor, St. Thomas College, Ranni
delivering an invited talk on “Gender Equality” as the part of the Jubilee
Celebration of Library



St.Thomas College, Ranni providing books to Library



ST. THOMAS COLLEGE, RANNI

MEMORANDUM OF UNDERSTANDING
&
PROOF FOR MoU



ST. THOMAS COLLEGE, RANNI



കേരളം കേരള KERALA

DA 713182

MEMORANDUM OF UNDERSTANDING

BETWEEN

St. Thomas College, Ranni

Pazhavangadi P.O, Pathanamthitta, 689673

and

Henry Baker College, Melukavu,

Melukavumattom P.O, Kottayam, 686652

St. Thomas College, Ranni and Henry Baker College, Melukavu expressed their mutual interest in engaging themselves in academic cooperation.

St. Thomas College, Ranni (Here in after called 'STC') represented by Assistant Professor Anju Joseph, Head of the Department of Physics, St. Thomas College, Ranni, Pazhavangadi P.O, Ranni, Pathanamthitta, 689673

Henry Baker College, (Here in after called 'HBC') represented by Dr. Jincy Devasia, Head of the Department of Physics, Henry Baker College, Melukavumattom, 686652

STC and HBC agreed to establish a program for academic cooperation in the areas of mutual interest, in accordance with terms and conditions set forth by the memorandum of understanding (MoU). This MoU is intended to

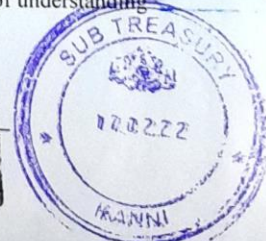


22.02.2022



PRINCIPAL IN CHARGE
ST. THOMAS COLLEGE
PAZHAVANGADI P.O.
RANNI - 689673

കെ.ആർ. ഗിതാകുമാരി



DR. GIREESH KUMAR D.S.

PRINCIPAL

HENRY BAKER COLLEGE

MELUKAVU, KERALA - 686 652



ST. THOMAS COLLEGE, RANNI

- Exchange information on teaching, learning material and other literature relevant to their educational and research programs
- Jointly organize seminars, conferences, or workshops on topics of mutual interest
- Jointly propose and engage in research or training programs sponsored by funding agencies
- Exchange of Faculties of STC and HBC to encourage collaboration
- Both parties are at liberty to cancel this memorandum of understanding with 30 days prior notice. In case of such cancellation, the incomplete sessions/modules, if any, will not be started.
- Any modifications or alterations to this memorandum of understanding can be made with mutual consent of both the parties.
- This MoU is valid for three years.
- Jurisdiction of this Memorandum of understanding will be High Court of Kerala State.

Signed, sealed and delivered on this 24/02/2022

By,

1. Dr. Jincy Devasia
Head of the Department of Physics
Henry Baker College, Melukavu
Melukavumattom P.O, Kottayam, 686652

J. Devasia

2. Mrs. Anju Joseph,
Head of the Department of Physics,
St. Thomas College, Ranni,
Pazhavangadi P.O,
Pathanamthitta, 689673

Anju

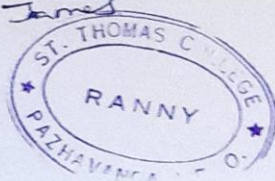
Witness:-

1. Dr. Marykally James

Marykally James

2. SILBI MOHAM

Silbi Moham



25/2/2022
PRINCIPAL IN CHARGE
ST. THOMAS COLLEGE
PAZHAVANGADI P.O
RANNY - 689 673



gm
Dr. GIREESH KUMAR G.S.
PRINCIPAL
HENRY BAKER COLLEGE
MELUKAVU, KERALA - 686 652



ST. THOMAS COLLEGE, RANNI

DEPARTMENT OF PHYSICS

Collaborating Institution	Henry Baker College, Melukavu
Nature of Collaboration	Memorandum of Understanding (MoU)
Year of collaboration	2021-2022 (24.02.2022- 23.02.2025)
Duration of collaboration	3 Years
Activity under collaboration	MSc Students Project Work

STUDENTS MSc. PROJECT WORK AT COLLABORATING INSTITUTE

CERTIFICATE

This is to certify that the project report entitled "TIMING ANALYSIS OF THERMONUCLEAR X-RAY BURST FROM LMXB 4U 1636-536" towards the partial fulfillment of the requirements for the award of the degree of Master of Science in Physics is carried out by JURIS N J (Reg. No. 200011013985) under the joint supervision of Dr. Marykutty James, Assistant Professor, Department of Physics, St. Thomas College, Ranni and Dr. Jincy Devasia, Assistant Professor, Henry Baker College, Melukavu during the academic year 2021-2022.

Dr. Marykutty James

Project Supervisor

Dr. Jincy Devasia

Co-Supervisor

Asst. Prof. Anju Joseph

Head of the Department of Physics

St. Thomas College, Ranni

Examiner 1.

Examiner 2.





ST. THOMAS COLLEGE, RANNI



കേരളം KERALA

St. Thomas College, Ranni

DA 713183

Pazhavangadi P.O, Pathanamthitta, 689673

and

St. Joseph's College, Moolamattom

Arakkulam P. O, Idukki, 685591

Executed on 24th February 2022

St. Joseph College, (Here in after called 'SJC') represented by Dr. Anju P. Mathews, Head of the Department of Physics, St. Joseph's College, Moolamattom, Arakkulam P.O, Idukki, 685591

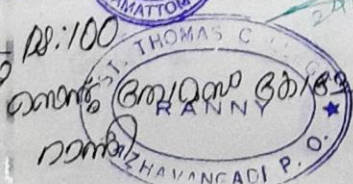
St. Thomas College, Ranni (Here in after called 'STC') represented by Assistant Professor Anju Joseph, Head of the Department of Physics, St. Thomas College, Ranni, Pazhavangadi P.O, Ranni, Pathanamthitta, 689673

mutually agree to enter a formal understanding of cooperation with an envisaged intention to further the academic objectives of each institution and to promote research environment and culture amongst the faculty members and students of both the institutions. Under this Memorandum of Understanding, the two institutions will proceed to implement the following endeavors and exchanges of ideas and personnel.

Dr. Sabukutty M. G.
Principal-in-charge
Joseph's College Moolamattom
Arakkulam P.O.-685 591

NO:14113

82.02.2022



PRINCIPAL IN CHARGE
ST. THOMAS COLLEGE
PAZHAVANGADI P.O
RANNY-689 673

റാന്നി വെണ്ടർ
കെ.ആർ. ഗീതാകുമാരി





ST. THOMAS COLLEGE, RANNI

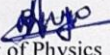
Areas of cooperation:-

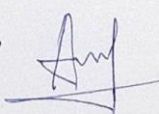
Cooperation will be carried out subject to availability of fund and the approval of the competent authority of both the institutions, through such activities or programs as:

1. Organize Seminars/Workshops as well as Consultations on regular basis and come up with joint publications of conference volumes and books.
2. Effective engagement in exchange of faculties and resources for the benefit of the greater academic community.
3. To design effective research internship programs for students in their areas of interest.
4. Engagement in joint research projects depending on mutual areas of interest between the faculties of both the institutions
4. Both parties are at liberty to cancel this memorandum of understanding with 30 days prior notice. In case of such cancellation, the incomplete sessions/modules, if any, will not be started.
5. Any modifications or alterations to this memorandum of understanding can be made with mutual consent of both the parties.
6. Jurisdiction of this Memorandum of understanding will be High Court of Kerala State.

Signed, sealed and delivered on this 24/02/2022

By,

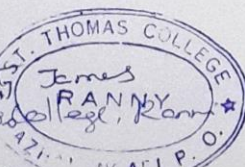
1. Dr. Anju P. Mathews 
Head of the Department of Physics
St. Joseph's College, Moolamattom
Arakkulam P.O, Idukki, 685591

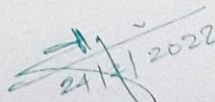
2. Mrs. Anju Joseph, 
Head of the Department of Physics,
St. Thomas College, Ranni,
Pazhavangadi P.O,
Pathanamthitta, 689673


Witness:-

1. Dr. Marybeth James
St. Thomas College, Ranni

2. Dr. Francis Joseph
Dept. of Physics
St. Joseph's College, Moolamattom




24/2/2022
PRINCIPAL IN CHARGE
ST. THOMAS COLLEGE
PAZHAVANGADI P.O
RANNI - 689 673


Dr. Sabukutty M. G.
Principal-in-charge
St. Joseph's College Moolamattom
Arakkulam P.O.-685 591



ST. THOMAS COLLEGE, RANNI

DEPARTMENT OF PHYSICS

Collaborating Institution	St. Joseph's College, Moolamattom
Nature of Collaboration	Memorandum of Understanding (MoU)
Year of collaboration	2021-2022 24.02.2022 -23.02.2025
Duration of collaboration	3 year
Activity under collaboration	BSc Students Project Work

STUDENTS MSc PROJECT WORK AT COLLABORATING
INSTITUTE

ST. JOSEPH'S COLLEGE, MOOLAMATTOM



CERTIFICATE

THIS IS TO CERTIFY THAT THE PROJECT REPORT ENTITLED "*SYNTHESIS AND CHARACTERIZATION OF NANO-STRUCTURED LEAD TITANATE CERAMICS*" IS THE RESULT OF AN AUTHENTIC PROJECT WORK CARRIED OUT BY **DAYAL KRISHNA S BABU** (Reg. No: 190021041815) OF III DC B.SC. PHYSICS UNDER MY SUPERVISION AND GUIDANCE IN THE DEPARTMENT OF PHYSICS, ST. THOMAS COLLEGE, RANNI. DURING HIS B.SC. DEGREE COURSE AS PARTIAL FULFILLMENT OF THE REQUIREMENT OF THE AWARD OF THE B.SC. DEGREE UNDER FACULTY OF SCIENCE OF MAHATMA GANDHI UNIVERSITY.


DR. SURESH M.K.

(PROJECT SUPERVISOR)

ASSISTANT PROFESSOR

DEPARTMENT OF PHYSICS

ST. THOMAS COLLEGE, RANNI



EXTERNAL EXAMINER

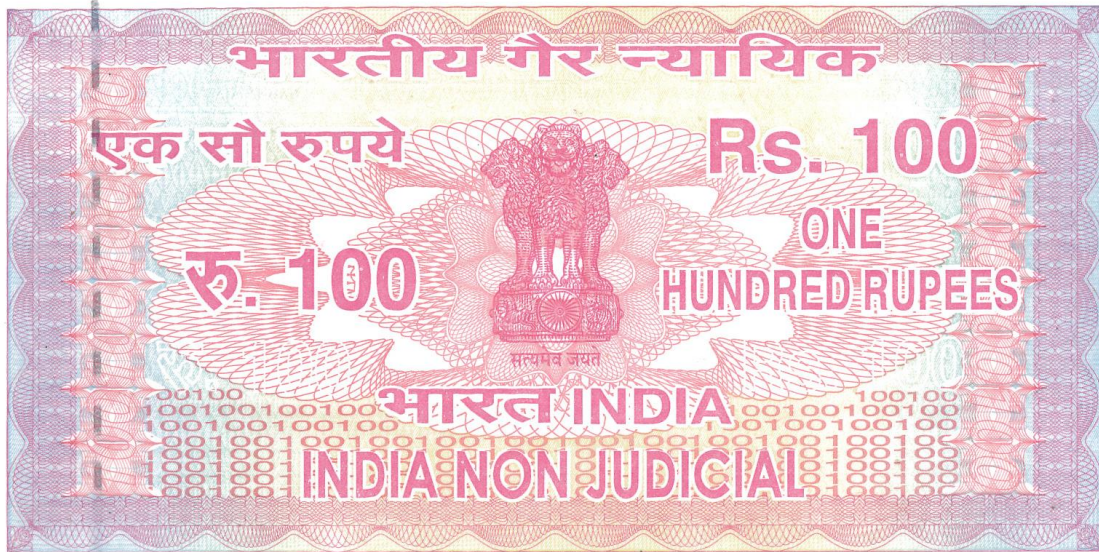

DR. ANIL P. MATHEWS

HEAD OF THE DEPARTMENT

DEPARTMENT OF PHYSICS

1.


17/5/22



കേരളം KERALA

CT 884991

MEMORANDUM OF UNDERSTANDING (MoU)

This memorandum of understanding (MoU) is entered into by and between the **Department of Physics, St. Thomas College, Ranni** and the **Department of Physics, Bishop Abraham Memorial College, Thuruthicad**, in pursuance of common intent to promote academic cooperation. Both parties hereinafter have intended, agreed and consented to the following terms and deeds.

Terms and Conditions

1. Through this memorandum, both parties affirm the value of collaboration and agree to promote the following activities:
 - a. Exchanging expertise of faculty members who are specialised in specific area.
 - b. Conducting collaborative seminars, workshops and lectures.
 - c. Exchange of academic information and materials.
 - d. Sharing laboratory facilities for academic purpose.
 - e. Guiding graduate and post graduate students to carry out projects of mutual interest.
 - f. Other activities as mutually agreed.
2. It is understood that the implementation of any type of cooperation stated above shall depend up on the availability of resources and financial support of the parties concerned.

No. 15809 Rs. 100/-
16/12/2020.



Arinaseeli
A. ആമിനാ ബീവ
സ്കൂൾ പ്രിൻസിപ്പൽ, റാന്നി

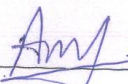




ST. THOMAS COLLEGE, RANNI

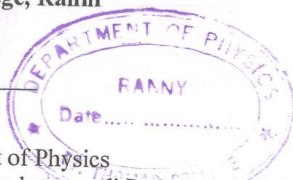
- Both parties agree that prior written approval is required before using the other party's name, logo or other intellectual property rights in any advertising for associated publicity.
- The parties to this memorandum may, by mutual consent, add, modify, amend, delete, review or revise any term(s) and condition(s) of this agreement.
- This MoU shall remain in force for a period of **three years** from the date of signing by the authorised signatories of each party. Each party shall review the status of the MoU at least one month before the end of the three-year period to determine whether it wishes the MoU to continue and, if so, any modifications that might be necessary. The period of validity of this MoU may only be extended by mutual written consent of both parties.
- This MoU may, at any time during its period of validity, be terminated by one of the parties upon prior notice to the other in writing not later than one month before the termination date.

For St. Thomas College, Ranni

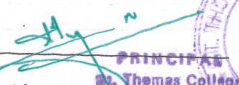


Ms. Anju Joseph,
The Head, Department of Physics

St. Thomas College, Pazhavangadi P. O, Ranni, Pathanamthitta – 689673

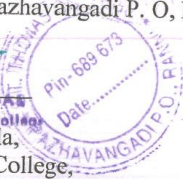


Date: 17/12/2020



Dr. Aleyamma Kuruvilla,
Principal, St. Thomas College,

Pazhavangadi P. O, Ranni, Pathanamthitta – 689673



Date: 17.12.2020

For Bishop Abraham Memorial College, Thuruthicad

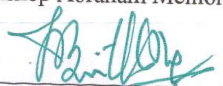


Dr. Jessyamma Kurian,
The Head, Department of Physics

Bishop Abraham Memorial College, Thuruthicad P. O, Mallappally, Pathanamthitta – 689597



Date: 17/12/2020



Dr. Biju T. George,
Principal, Bishop Abraham Memorial College,

Thuruthicad P. O, Mallappally, Pathanamthitta – 689597




Date: 17.12.2020.



ST. THOMAS COLLEGE, RANNI

DEPARTMENT OF PHYSICS

Collaborating Institution	BAM College, Thuruthicadu
Nature of Collaboration	Memorandum of Understanding (MoU)
Year of collaboration	2020-2021 (17/12/2020-16/12/2023)
Duration of collaboration	3 years
Activity under collaboration	Knowledge sharing- Faculty Exchange Program on 12.04.2022 & 13.04.2022

 **BISHOP ABRAHAM MEMORIAL COLLEGE**
(Affiliated to Mahatma Gandhi University, Kottayam & NAAC Accredited – 'B' Grade)
THURUTHICAD, PATHANAMTHITTA DIST., KERALA - 689 597

BAM/Collaborations/PHY/01/2022 26-09-2022

To
The Principal,
St. Thomas College,
Ranni.

Sub: Sessions conducted under MoU for collaboration between our Physics Departments – reg.

Dear Sir,

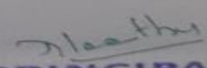
The following sessions were conducted for students at Bishop Abraham Memorial College, Thuruthicad as part of the understanding for collaboration between the Departments of Physics of our colleges.


Sl. No.	Date and Time	Topic of Session
1	12-04-2022 10.00 am – 11.00 am	Introduction to Astronomy and Astrophysics
2	12-04-2022 11.00 am – 12.30 pm	Stellar Evolution and Classification of Stars
3	12-04-2022 2.00 pm – 3.00 pm	Opportunities for Aspirants in Astrophysics

Dr. Marykutty James, Assistant Professor, Department of Physics, St. Thomas College, Ranni was the resource person for all the sessions. I extend my sincere gratitude for the service of the resource person from your institution.

Thanking You.

Yours Sincerely,


PRINCIPAL
B.A.M. COLLEGE, THURUTHICAD




Phone: 0469 2682241, 2682212 Mob: 8078292241 | E-mail: office@bamcollege.ac.in | Website: www.bamcollege.ac.in

Dr. Marykutty James, Asst. Prof. Dept of Physics St. Thomas College, Ranni sharing knowledge to students of BAM College Thuruthicadu, through faculty exchange program



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

No. STC/553/2022 - 2023 Date: 22/09/2022

To,

The Principal
Bishop Abraham Memorial College
Thuruthicad

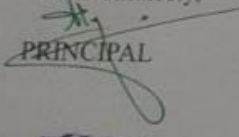
Sub: Sessions conducted under MoU for collaboration between our Physics Department


Dear Sir,

The following sessions were conducted for students at St. Thomas College, Ranni as part of the understanding for collaboration between the Department of Physics of our college.

Sl No.	Date and Time	Topics Covered
1.	13/04/2022 10 am to 11 am	Basic ideas of Random Number
2.	13/04/2022 11 am to 12 pm	Introduction to Monte Carlo Methods
3	13/04/2022 12 pm to 1 pm	Monte Carlo Integration

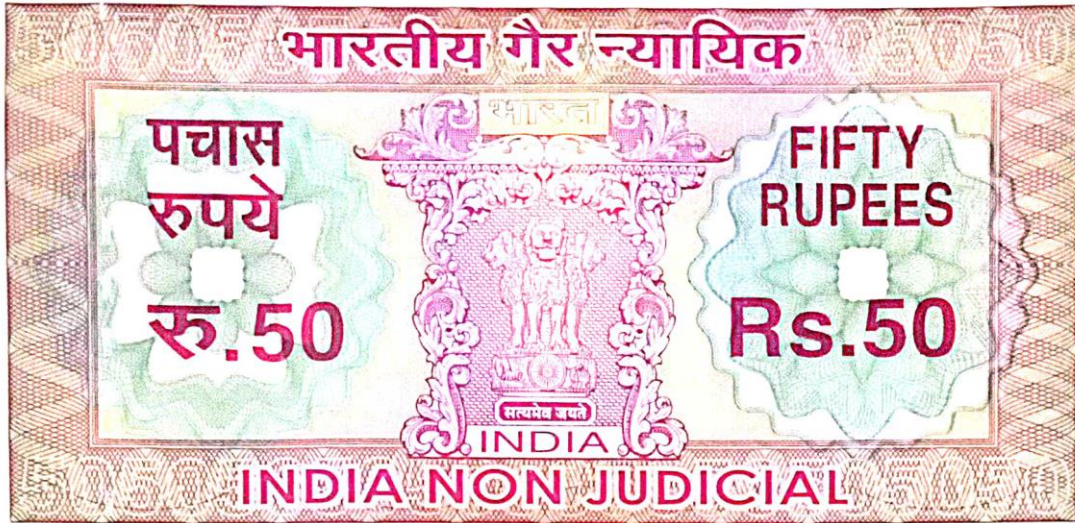
Ens Mathews, Assistant Professor, Department of Physics, Bishop Abraham Memorial College, Thuruthicad was the resource person for all the sessions. I extend my sincere gratitude for the service of the resource person from your institution.

Thanking you.
Yours Sincerely,

PRINCIPAL



Principal
St. Thomas College
Pazhavangadi P.O., Ranni

Dr. Ens Mathew, Asst. Prof. Dept of Physics of BAM College Thuruthicadu is sharing knowledge to students of St. Thomas College, Ranni, through faculty exchange program



കേരളം KERALA

BW 633654

**Memorandum of Understanding
for Academic Collaboration
in**

Sharing Resources and Expertise for Excellence (SREE)

Among

**St Thomas College Palai, St Dominic's College Kanjirapally,
St Thomas College Ranni, Alphonsa College Palai and
Henry Baker College Melukavu**

The Memorandum of Understanding (hereinafter MOU) is made on the 19th day of November 2019 among St Thomas College Palai, who shall be the first party, St Dominic's College Kanjirapally, who shall be the second party, St Thomas College Ranni, who shall be the third party, Alphonsa College Palai, who shall be the fourth party and Henry Baker College, Melukavu, who shall be the fifth party under which the Departments of History of these five colleges shall extend their resources and expertise and organize and conduct four academic lectures on selected topics from syllabi in each of the five colleges every year.

Whereas, each of the five parties shall extend the free usage of the resources of their respective Departments for the benefit of the other four.

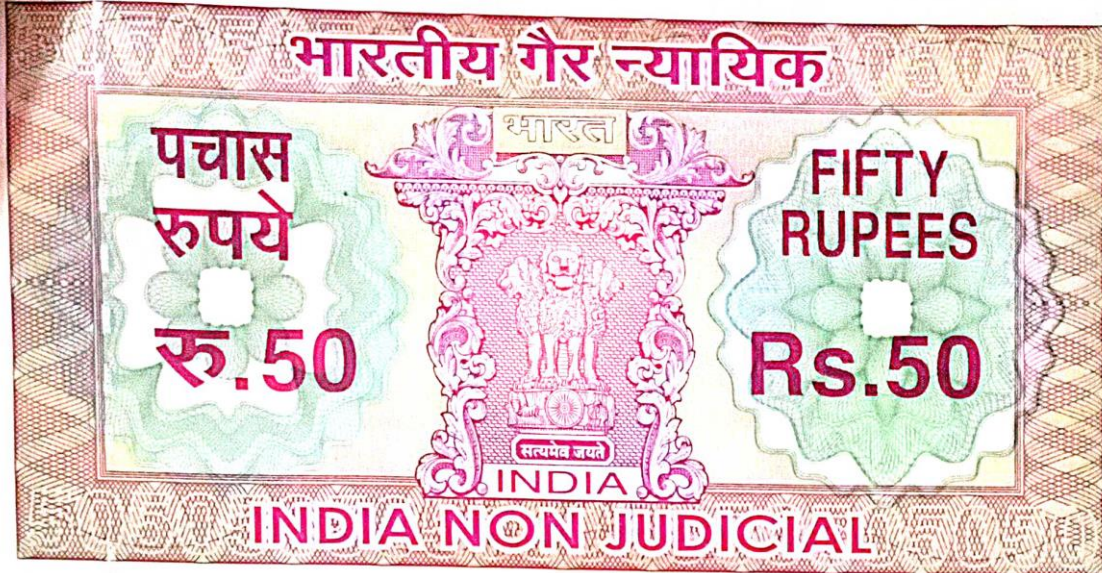
1/3

NO: 3684
18/11/2019
Rs. of Principal
Alphonsa College
Athanasiam P.O. Palai.

[Signature]
9/11/2019

[Signature]
Bernard Verben
K. V. Kalliyani

24 OCT 2019



കേരളം KERALA

BW 633655

Whereas the teachers of the Departments of History in these five colleges shall come together, discuss the emerging trends and new developments in the subject and update their knowledge,

Whereas the students of these departments shall be exposed to the novel trends in the subject and deeper aspects of the selected topics,

Whereas the students shall develop research attitude in the subject,

Whereas, each of the five parties shall organize one academic lecture delivered by one teacher from each of the other four colleges a year.

This MOU serves as a legal document for the five parties to share and exchange knowledge.

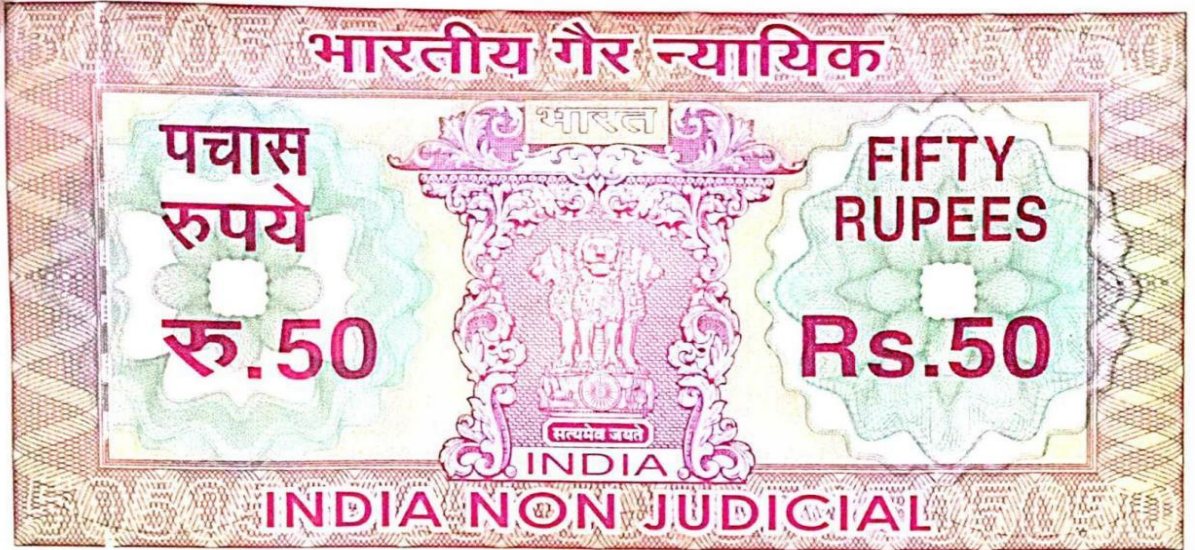
2/3

NA 3685
18/10/2019
Principal
Alphonsa College
Athunapuzham P.O. Palu.

29/10/2019

Deenachali Venu
K.V. Kalliyani

24 OCT 2019



കേരളം കേരള KERALA

BW 633656

Now, therefore, St Thomas College Palai, St Dominic's College Kanjirapally, St Thomas College Ranni, Alphonsa College Palai, and Henry Baker College, Melukavu hereby enter into an agreement to be mutually adhered to by all the five parties whose terms and conditions are given below.

1. The academic lectures shall be conducted in all the five colleges separately for the History students of each college or elsewhere as the situation may demand.
2. When the event is conducted in any of the five colleges, the infrastructural facilities necessary for the conduct of the same shall be provided by the host.
3. In this case, there shall be no TA/DA to be paid to the teacher who serves as the Resource Person and the same shall be borne by him/herself.
4. Joint events can be organized.
5. In case a joint event is conducted in any of the five colleges, infrastructural facilities shall be provided by the host college free of cost and the rest of the expenses shall be shared equally by all the five parties.

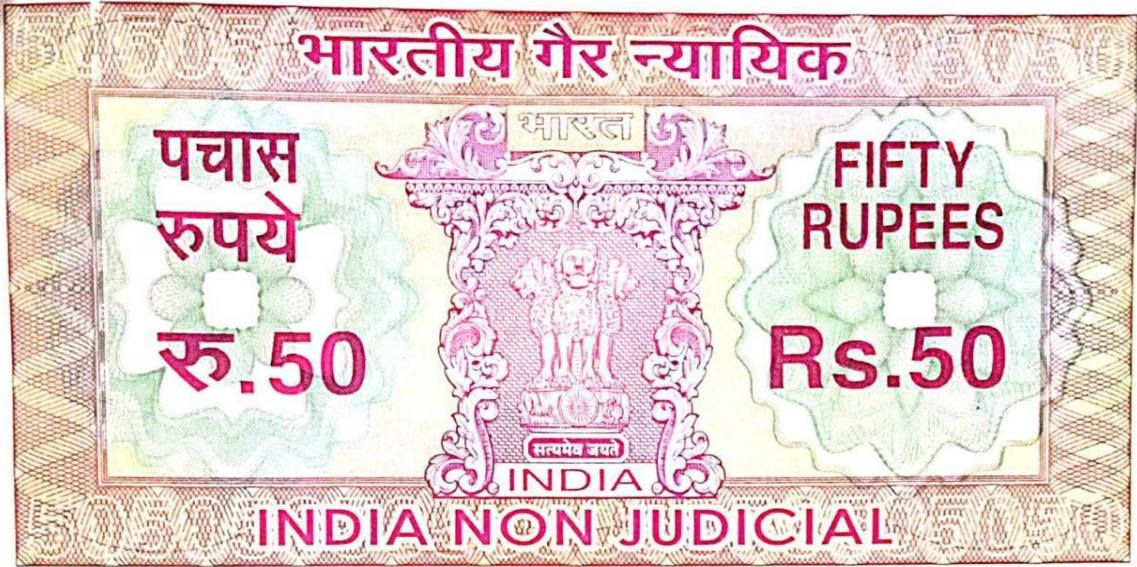
3/3

no. 3686
18/11/2019
B.S.U. Principal
Alphonsa College
Arunapuram P.O. Pala

[Signature]
Mulla

[Signature]
Bernadette Varghese
K.V. Kalliyani

24 OCT 2019



കേരളം KERALA

BW 633657

6. In case any joint event is conducted in a venue other than the five colleges, all the expenses shall be shared proportionally.
7. This MoU shall be valid for five years from the date of signing of this agreement. After the said period it may be renewed for further period by mutual consent of both parties.
8. In case any one of the parties wishes to leave the MoU before the completion of five years, it can be done on the last day of the academic year after intimating all the other parties in the MoU in written at least three months in advance.
9. This MOU is executed in English in five copies, one for each party, which have equal legal effects. The document has three pages and the last page carries the signatures of the parties.

4/3

NO: 3687
18/11/2019

Principal
Alphonsa College
Athunapuram P.O. Pella

[Signature]
18/11/19

[Signature]

24 OCT 2019

Deenachandi Vonder
K.V. Kalliyani



ST. THOMAS COLLEGE, RANNI

9. This MOU is executed in English in five copies, one for each party, which have equal legal effects. The document has three pages and the last page carries the signatures of the parties.

Duly authorized representatives of **St Thomas College Palai, St Dominic's College Kanjirapally, St Thomas College Ranni, Alphonsa College Palai, and Henry Baker College, Melukavu** executed this MOU as of the date and year given below.

For St Thomas College Palai

Dr James John

Principal

Dr. James John
Principal
St. Thomas College, Palai

19//11/2019



For St. Dominic's College, Kanjirapally

Dr James Philip

Principal

Dr. James Philip
Principal
St. Dominic's College, Kanjirapally

19//11/2019



For St Thomas College Ranni

Dr Lata Marina Varghese

Principal

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

19//11/2019



For Alphonsa College Palai

Dr Sr Gigimol M G

Principal

19//11/2019



For Henry Baker College Melukavu

Dr. Gireesh Kumar S

Principal

19//11/2019

PRINCIPAL
HENRY BAKER COLLEGE,
MELUKAVU



Witness 1:

Dr. Beena Paul,

HOD

Department of History
Henry Baker College Melukavu

19//11/2019

Witness 2:

Dr Deepa Roselin Joseph

HOD

Department of History
St Thomas College Ranni

19//11/2019



DEPARTMENT OF HISTORY

Collaborating Institution	Five colleges under MG University Dept. of History, St.Thomas College, Ranni & 5 Colleges under MG University (St. Thomas College, Pala, St.Domiinic's College, Kanjirappally, Alphonsa College, Pala, Henry Baker College, Melukavu
Nature of collaboration	Memorandum of Understanding (MoU)
Year/Date of collaboration	2020-2021 (19.11.2019 – 18.11.2024)
Duration of collaboration	5year
Activity under collaboration	Sharing of Resources and Expertise & organizing and conducting of Academic Lectures

ACADEMIC LECTURES BY TEACHING FACULTIES
FROM FIVE COLLEGES UNDER MoU



Faculty Exchange- Dr.Deepa Roselin Joseph, Asst.Prof.St.Thomas College,
Ranni @ Alphonsa College, Pala



ST. THOMAS COLLEGE, RANNI



Alphonsa College, Pala

ARUNAPURAM P.O., PALA, KOTTAYAM (Dist.)
KERALA STATE, S.INDIA - 686 574

E-mail : alphonsacollege@gmail.com

Website : www.alphonsacollege.edu.in

Re-accredited (4th cycle) by NAAC with A Grade (CGPA 3.24)

Ph : 04822-212447

Fax : 04822-215447

16.12.2021

CERTIFICATE

This is to certify that DR. DEEPA ROSELIN JOSEPH, Assistant Professor,
Department of History, St Thomas College Ranni has delivered an invited talk on
the topic '**Different Kinds of History**' on 16.12.2021.



Deepa Roselin Joseph
PRINCIPAL
ALPHONSA COLLEGE
PALA

Invited Talk- Dr.Deepa Roselin Joseph @ Alphonsa College, Pala



ST. THOMAS COLLEGE, RANNI



Faculty exchange program of History dept -
Assistant Professor, Archana. P from Henry Baker College Melukavu taking class at
St.Thomas College, Ranni



ST. THOMAS COLLEGE, RANNI



Faculty exchange program of History dept -
Assistant Professor Bino. P.Jose , from St. Dominics College Kanjirapally taking
class at St.Thomas College, Ranni



Intercollegiate Quiz competition on Indian Constitution @ St.Dominic's
College Kanjirappally on 29/11/2021



കേരളം KERALA

BY 39280

This Deed of MEMORANDUM OF UNDERSTANDING FOR CERTIFICATE PROGRAM SKILL TRAINING AND INTERNSHIP is executed on this the 29th day of September 2020 between ST. THOMAS COLLEGE, RANNI, PATHANAMTHITTA herein after referred to as the 1st party and FRIENDS POLYMERS, ALAPPUZHA herein after referred to as the 2nd party.

By this Agreement it is agreed and proposed to promote Co-Operation in Rubber/Laboratory Chemist-Rubber Certificate Program Learners Skill Training and Internship between the Post Graduate Department of Chemistry, St. Thomas college, Ranni and Friends polymers, Alappuzha

Type of co-operation

Through this Memorandum, both parties affirm the value of educational collaboration and agree to

Participate in the mission to promote the following activities by rendering selfless service.

1. Guidance and technical support for skilled training, seminars etc.
2. Advanced practical training in polymer processing equipments for students.
3. Providing resources, conducting seminars and workshops
4. Specialised training in polymer Industry.
5. Other actions as actually agreed and warranted by circumstances.



NO. 19555
28/09/2020

PRINCIPAL
St. Thomas College
Ranni - 689673

For FRIENDS POLYMERS

25 SEP 2020
08111204





കേരളം കേരള KERALA

BY 392803

This Agreement place no financial obligations or supplementary funding commitments on either party. These activities will be defined through separate program agreement that details the commitment of resources (financial and other) required by each institution. Subsequent program agreement must be approved in writing by the authorized representatives of each institution of either parties.

Bincy Francis, Assistant Professor, Department of Chemistry, St. Thomas College, Ranni will serve as the primary liaison between the two institutions to facilitate the development of future activities. She shall manage, control and supervise the Internship program.

Terms

This agreement will become effective upon the date of agreement. It shall remain valid for a period of three (3) years from the date of agreement, with the understanding that it may be modified by written mutual consent of both parties. This agreement may be terminated by either parties with advance written notice of at least (30) days. Upon notice of termination both St. Thomas College, Ranni and Friends Polymers, Alappuzha agree to work in good faith to enable students to complete their internship program part of the syllabus of Certificate Program Rubber/Laboratory Chemist-Rubber unhindered by the termination of agreement. The agreement may be extended by mutual consent of the two parties after the three- year period, and it must be renewed in writing.



For FRIENDS POLYMERS

PRINCIPAL
St. Thomas College
Ranni - 689 573

Mg. Prabhu



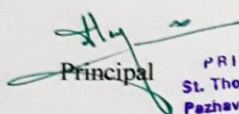
28/09/2020 St. Thomas college Ranni.



ST. THOMAS COLLEGE, RANNI

This memorandum of understanding completed in English is hereby signed in two (2) copies with one (1) copy remaining in the possession of each institutions.

FOR ST. THOMAS COLLEGE RANNI

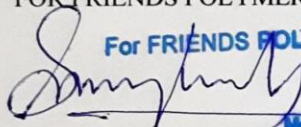

Principal
PRINCIPAL
St. Thomas College
Pazhavangadi P. O.
Ranny - 689 673

Date: 29/9/2020



Seal

FOR FRIENDS POLYMERS, ALAPPUZHA


For FRIENDS POLYMERS
Sunny K Joseph
Managing Partner

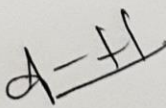
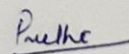
Date 29/9/2020



Seal

Witness

1. Dr. Ansu Jacob
2. Preetha K

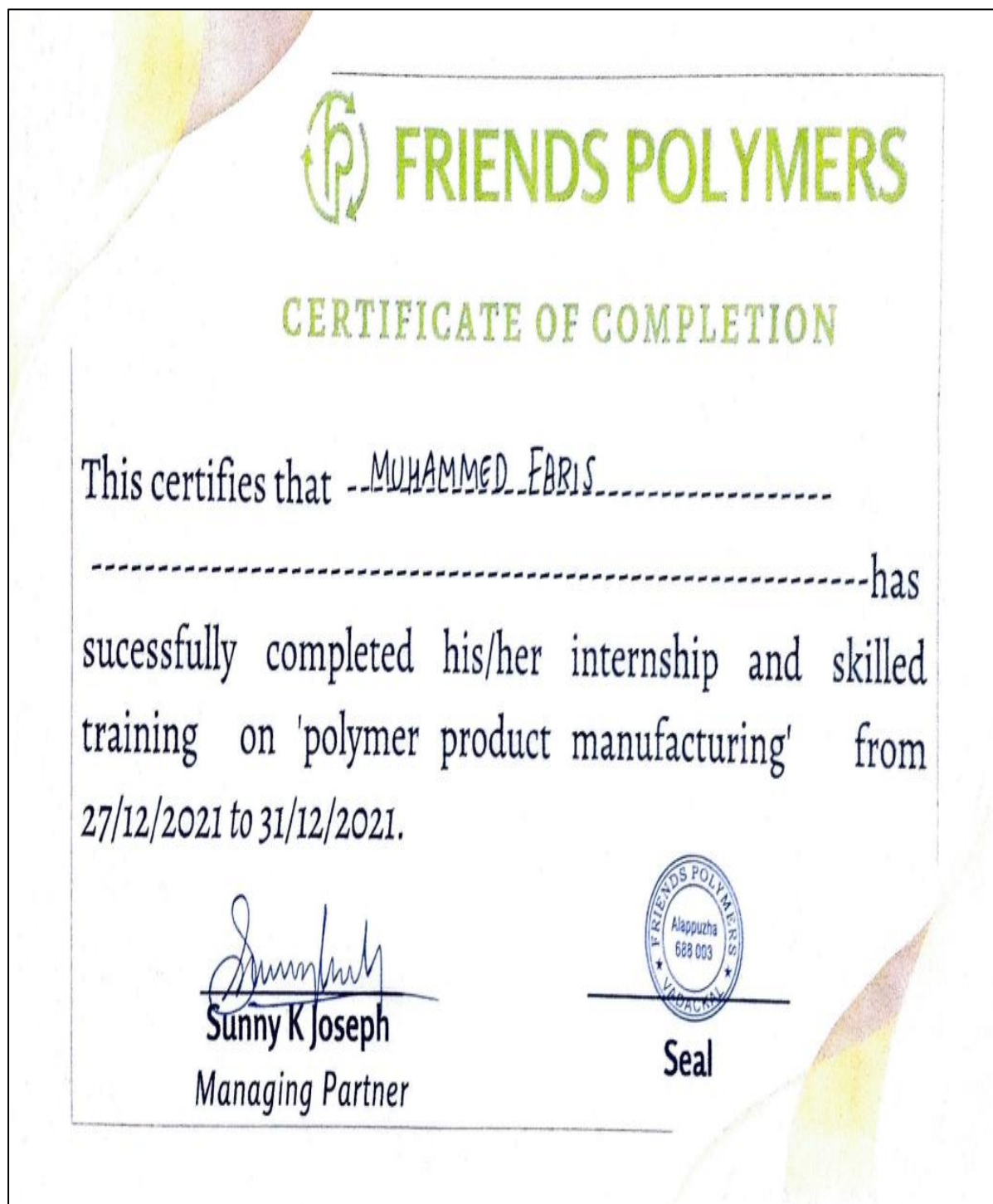


DEPARTMENT OF CHEMISTRY

Collaborating Institution	Friend's Polymers, Alappuzha
Nature of Collaboration	Memorandum Of Understanding (MoU)
Year/Date of collaboration	2020-2021 / 29.09.2020 - 29.09. 2023
Duration of collaboration	3 years
Activity under collaboration	Internship & skilled Training

ACTIVITY UNDER MoU- INTERSHIP & SKILL TRAINING





Certificate issued by Friends Ploymers for the internship and skill training of the students of St. Thomas College, Ranni under the activity of MoU



ST. THOMAS COLLEGE, RANNI



കേരളം KERALA

BV 391332

This Deed of MEMORANDUM OF UNDERSTANDING FOR DIPLOMA PROGRAM SKILL TRAINING AND INTERSHIP is executed on this the 29th day of September 2020 between ST. THOMAS COLLEGE, RANNI, PATHANAMTHITTA hereinafter referred to as the 1st party and the MUSHROOM RESEARCH DEVELOPMENT ORGANIZATION (MRDO), Chengannur hereinafter referred to as the 2nd party.

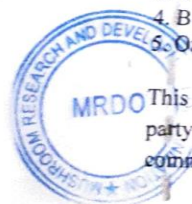
By this Agreement it is agreed and proposed to promote Co-Operation in **Edible Mushroom cultivation Technology** Diploma Program Skill Training and Internship between the Department of Botany, St. Thomas College, Ranni and Mushroom Research and Development Organization, Chengannur.

Type of co-operation

Through this Memorandum, both parties affirm the value of educational collaboration and agree to participate in the mission to promote the following activities by rendering selfless service.

1. Guidance and technical support for skilled training, seminars etc.
2. Advanced training program for students.
3. Training and support for the internship for Diploma course learners.
4. Business services and management guidance.
5. Other actions as actually agreed and warranted by circumstances.

This Agreement place no financial obligations or supplementary funding commitments on either party. These activities will be defined through separate program agreement that details the commitment of resources (financial and other) required by each institution. Subsequent program



No 10398 Rs 50/-
28/9/2020
Principal
St. Thomas College
Ranni



Chief Executive Officer
Mushroom Research and Development Organization

Amrith Selvia





ST. THOMAS COLLEGE, RANNI



കേരളം KERALA

BV 391333

agreement must be approved in writing by the authorized representatives of each institution of either party. Dr. Devi Priya M, Assistant Professor & Head, Department of Botany, St. Thomas College, Ranni will serve as the primary liaison between the two institutions to facilitate the development of future activities. She shall manage, control and supervise the Internship program.

Terms

This agreement will become effective upon the date of agreement. It shall remain valid for a period of three (3) years from the date of agreement, with the understanding that it may be modified by written mutual consent of both parties. This agreement may be terminated by either parties with advance written notice of at least (30) days. Upon notice of termination St. Thomas College, Ranni and MRDO, Chengannur agree to work in good faith to enable students to complete their internship program part of the syllabus of diploma course in Edible Mushroom Cultivation Technology unhindered by the termination of agreement. The agreement may be extended by mutual consent of the two parties after the three- year period, and it must be renewed in writing.

This memorandum of understanding completed in English is hereby signed in two (2) copies with one (1) copies remaining in the possession of each institutions.

for ST. THOMAS COLLEGE RANNI

Principal

Principal
St. Thomas College
Pazhavangadi P. O.
Ranni - 689 673



for MRDO, CHENGANNUR

Chief Executive Officer
Mushroom Research and Development Organization

No. 10398 Rs 50/-
28/9/2020
Principal
St. Thomas College
Ranni

Amin Beeli
A. ആമിന ബീവി
മുഖ്യ വൈകാരി, റാന്നി






ST. THOMAS COLLEGE, RANNI

DEPARTMENT OF BOTANY

Collaborating Institution	Mushroom Research and Development Organization (MRDO) , Chenganoor
Nature of Collaboration	Memorandum Of Understanding (MoU)
Year/Date of collaboration	2020-2021 / 29.09.2020 - 29.09. 2023
Duration of collaboration	3 years
Activity under collaboration	Mushroom Hands on training to Kudumbasree unit & Students of St.Thomas College, Ranni on 17.02.2022

Department of Botany
St. Thomas College
 (Affiliated to MG University Kottayam)
Pazhavangadi P.O, Ranny, PTA



Community Extension Programme

Hands-on Training on Mushroom Cultivation

Aims and objective of the programme

- ❖ To introduce methods of growing edible mushrooms, including culture maintenance, basic mushroom substrate preparation, composting, harvesting, and pests and pest management of mushrooms.
- ❖ To understand the principles of mushroom cultivation,
- ❖ To make aware about small business opportunities and marketing of mushrooms
- ❖ To impart skills in growing mushrooms, give practical knowledge to begin growing mushrooms at home or on commercial scale and provide a foundation for starting a small business in mushroom cultivation.


Expected outcomes

- ❖ To expertise the technique of mushroom cultivation on domestic and commercial scale
- ❖ To empower the unemployed people to start new enterprises

Schedule
 17th February 2022
 10.00 am – 1.00 pm

Venue
 Department of Botany
 St, Thomas College, Ranny

Collaborator
 Mushroom Research and Development Organisation (MRDO)
 Chengannur Alappuzha, Kerala, India 689121





Ranni, Kerala, India
Bevco, SH8, Ranni, Kerala 689673, India
Lat 9.383689°
Long 76.791536°
17/02/22 10:43 AM

പക്ഷാചരണ സമാപനസമ്മേളനം. ഉദ്ഘാടനം: തോമസ് മാത്യു 2.30

- കുന്നത്താനം അമ്പലത്തിങ്കൽ എൽ.വി. എൽ.എസ്. ആരോഗ്യ ഇൻഷുറൻസ് കാർഡ് പുതുക്കൽ 10.00

കുൺകൃഷിയിൽ പരിശീലനം

റാന്നി ▶ റാന്നി സെൻറ് തോമസ് കോളേജ് ബോട്ടണി വിഭാഗവും മഷ്റൂം റിസർച്ച് ആൻഡ് ഡെവലപ്മെൻറ് ഓർഗനൈസേഷനും ചേർന്ന് കുൺ കൃഷിയിൽ സർട്ടിഫിക്കറ്റ് കോഴ്സ് നടത്തുന്നു. താല്പരരുള്ളവർ ജൂലായ് 15-നുള്ളിൽ പേര് രജിസ്റ്റർ ചെയ്തെന്ന് പ്രിൻസിപ്പൽ അറിയിച്ചു. ഫോൺ: 9400184201.

പുനഃപ്രതിഷ്ഠാ വാർഷികം

തിരുവല്ല ▶ ഓതറ പുതൂക്കുളങ്ങര ദേവീക്ഷേത്രത്തിൽ പുനഃപ്രതിഷ്ഠാ വാർഷികം 11-ന് നടക്കും. തന്ത്രി കണ്ണർ രാജീവർ കാർമികത്വം വഹിക്കും. രാവിലെ ഏഴിന് ലക്ഷാർച്ചന, ഉച്ചയ്ക്ക് അന്നദാനം, ആറിന് കലശം



കവിയൂർ മഹാദേവക്ഷേത്രം ഫെബ്രുവരി 15-ന് ക്ഷേത്രങ്ങളിൽ കമിരിക്കാൻ വരുന്ന ഭക്തന്മാർക്ക് ദേവസ്വം ബോർഡ് പ്രസിഡൻ്റ് കവിയൂർ മഹാദേവക്ഷേത്രങ്ങളിൽ സുരക്ഷിതമായി ഉദ്ഘാടനം നടത്തുകയുണ്ടാകും.

ദേവസ്വം ബോർഡ് പ്രസിഡൻ്റ് കവിയൂർ മഹാദേവക്ഷേത്രങ്ങളിൽ കഴിയുന്നതാകാൻ വേണ്ടിയുള്ളതാണ്. മുന്നുന്നേരം ഭക്തന്മാർക്ക് അറിയാം.

Media Advertisement on Training of Mushroom cultivation





MEMORANDUM OF UNDERSTANDING (MOU) FOR RESEARCH PARTNERSHIP AND COLLABORATION

This MOU is made and executed at Tiruvalla on this date of January 1st of the year 2021

BETWEEN

Pushpagiri College of Pharmacy, Tiruvalla an accredited (NAAC with grade A) self financing professional institution established in 2004, affiliated to Kerala University of Health Sciences, for imparting high quality education in pharmaceutical sciences and situated at Medicity Campus, Perumthuruthy, Tiruvalla, 689107 on the one part

AND

St Thomas College, Ranni an accredited (NAAC grade B) aided college established in 1964 Affiliated to Mahatma Gandhi University, Kottayam carries out arts, science and commerce education and Research in all these fields has qualified and certified multidisciplinary team of scientists.

Pushpagiri College of Pharmacy, Tiruvalla and St Thomas College, Ranni and recognized that mutual collaboration, given each other's strengths in research and facilities thereof will mutually benefit the students and faculties.

Now therefore the parties hereto have agreed to enter into a Memorandum of Understanding (MOU) considering the benefits of sharing the knowledge between the Institutes and establish a vibrant academic collaboration, by undertaking joint activities in their respective fields of research and other activities as given below.

It is mutually agreed by and between the parties as under.

I. Activities

- 1 Seek mutual advice and support in planning and executing programs promoting excellence in respective areas of research and education;
- 2 Encourage the regular / visiting faculty members and scientists of either Institute to visit the other Institute for giving talks in scientific sessions and seminars;
- 3 Encourage students, research personnel of either Institute to attend lectures, seminars, workshops and conferences in the respective areas of interest.



ST. THOMAS COLLEGE, RANNI



St. Thomas College, Ranni

Pazhavangadi P.O., Kerala, India - 689673

RE-ACCREDITED BY NAAC AT B LEVEL

(Affiliated to Mahatma Gandhi University, Kottayam - Kerala)

Date

Share the library and scientific literature facilities mutually by giving access to library and other resources of either Institute to the scientists / students / research personnel of other Institute;

4. Encourage the faculty and research / graduate students of Pushpagiri College of Pharmacy, Tiruvalla and St Thomas College, Ranni to visit the other Institute for short durations for getting research inputs and guidance upon recommendation from the research guides/faculty members of Pushpagiri College of Pharmacy, Tiruvalla and St Thomas College, Ranni and the Heads of the Institutions;
6. Encourage joint research activities and projects by the faculty members / scientific personnel of Pushpagiri College of Pharmacy, Tiruvalla and St Thomas College, Ranni

II. Fees and Charges

If any charges/ expenses are to be paid by either Institute for the facilities provided by the other Institute, such will be decided by which also may be modified from time to time as per the need.

Mou 2.jpg

III. Duration

The MOU is valid for a period of 12 months from the date of signing

IV. Termination

Either party is free to terminate the agreement by giving a notice of 1 month

V. Governing Law

The contract shall be governed by the rules and regulations of the institutions and the affiliating bodies.

For Pushpagiri College of Pharmacy, Tiruvalla.

For St Thomas College, Ranni

1. Dr. Santhosh M Mathews
Principal
Pushpagiri College of Pharmacy
Tiruvalla

Prof. Dr. Santhosh M. Mathews
M. Pharm., Ph.D.
Principal
Pushpagiri College of Pharmacy
NAAC Accredited with Grade 'A'
Mediutty, Tiruvalla-689 107, Kerala



2. Dr. Aleyamma Kuruvilla
Principal
St Thomas College,
Ranni



PRINCIPAL
St. Thomas College
Pazhavangadi P. O.
Ranni - 689 673

Ph : 04735-226238, 226738 (O)

E-mail : stcranni@gmail.com, www.stcranni.ac.in



ST. THOMAS COLLEGE, RANNI

DEPARTMENT OF PHYSICS

Collaborating Institution	Pushpagiri College of Pharmacy
Nature of Collaboration	Memorandum Of Understanding (MoU)
Year/Date of collaboration	2020-2021 / 01.01.2021- 01.01.2022
Duration of collaboration	1 year
Activity under collaboration	Microbiology lab work of the MSC project (3 students)

ACTIVITY UNDER THE MoU



PUSHPAGIRI
We care God cures
COLLEGE OF PHARMACY

NAAC ACCREDITED WITH GRADE "A"

Medicity Campus, M. C. Road, Perumthuruthy P.O., Thuvalla 689 107, Kerala, India.
Tel: 0469 2645450, 2645900, Fax: 0469 2645460
E-mail: pushpagiriphararmacycollege@gmail.com, pharmacycollege@pushpagiri.in
web: www.pushpagiri.in



14/PCP/22/PW/04 Dated: 09/02/2022

From,
The Principal.

To,
Anja Joseph,
Assistant Professor and Project guide,
Department of Physics,
St. Thomas College, Ranni.

Dear Madam,

Sub: The result of antibacterial studies for M.Sc. Research Project of Aravind S, Libin Santhosh and Abhirami S.

The samples submitted by the research scholars were determined for antibacterial activity in our research lab.

The results of antibacterial studies of your submitted samples are sending herewith.

Sample Name	Zone of inhibition against gram positive		Zone of inhibition against gram negative	
	Standard antibiotic	Samples	Standard antibiotic	Samples
Sample1	4 cm	2 cm	3.0 cm	1.3 cm
Sample2	3.5 cm	1 cm	3.2 cm	1.5cm
Sample3	3.4 cm	1.6 cm	3.5 cm	2 cm

Thanking you,
Yours Faithfully,


Prof. Dr. Santhosh M. Mathew
B.Pharm., Ph.D.
Principal
Pushpagiri College of Pharmacy
NAAC Accredited with Grade 'A'
Medicity, Thuvalla-689 107, Kerala



Institutions under Pushpagiri Medical Society

- Pushpagiri Institute of Medical Sciences and Research Centre • Pushpagiri Medical College Hospital
- Pushpagiri Heart Institute • Pushpagiri College of Dental Sciences • Pushpagiri College of Pharmacy
- Pushpagiri College of Nursing • Pushpagiri College of Allied Health Sciences • Pushpagiri School of Nursing
- Pushpagiri Centre for CGFNS and IELTS Training • Pushpagiri Research Centre

Proof of the MSc Project of MSc Students of St,Thomas College,
Ranni @ Pushpagiri College of Pharmacy



MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding has been made and executed at Ranni on the 6th day of July, year Two Thousand and Twenty, [06.07.2020]

BETWEEN

ST. THOMAS COLLEGE, Ranni, Pathanamthitta- 689673 Established in the year 1964, the College is affiliated to Mahathma Gandhi University, Kottayam. This College is involved in reaching the unreached through scientific dissemination of knowledge through outreach programs, community-based interventions, field studies, etc.

AND

KANAL INNOVATIONS CHARITABLE TRUST - AN NGO based in Kollam which works for the empowerment of children and other weaker sections of the society through awareness and community development programs, Kanal is registered as a public trust under the Indian Trusts Act, 1882 in 2017.

SCOPE

This MoU has come into existence because **ST. THOMAS COLLEGE, Ranni, Pathanamthitta- 689673**, and **KANAL INNOVATIONS CHARITABLE TRUST** has found a close connection in the past engagement via campaigns and awareness sessions provided by KANAL- under its various projects in alignment with its objectives of cross-organizational exposure.

KANAL has agreed to the following

1. Be a Knowledge Partner and conduct awareness sessions and Training for the members of **ST. Thomas College, Ranni, Pathanamthitta**.
2. Be an Action Partner and support on-site interventions with volunteers, guidance, and curriculum materials
3. Provide the opportunity for the members of **St. Thomas College, Ranni** for active community engagements and other campaigns of Kanal.

St Thomas College, has agreed to the following

1. Give support for the establishment of Vayanayidam.
2. Will organize and conduct outreach programs, surveys, and any other camps if required in accordance with the requirements.



ST. THOMAS COLLEGE, RANNI

3. Any incident of conflict of interest should be informed in advance by both parties
4. It is assumed that both parties will give high priority to the "causes" of engagement than personal egos or personal gains
5. Both volunteers, members of the club and KANAL member's privacy must be respected, and contact information should not be shared without prior information and approval
6. Donation is possible and can cover knowledge and skill transfer, materials, and resources, and be kept at reasonable rates. The travel and accommodation, during the period of activity, will be taken by the parties separately and there will not be any sort of financial commitment between the parties.
7. The contracting parties can use the name and logo of the other party in their activities with prior permission.

UNDERSTANDING

This MoU will be effective for a period of two years initially from the date of this contract. This can be extended beyond the 2-year period, depending on mutual preferences. In case of any need for termination during the term, the reason must be investigated by both the parties and may be amicably terminated after open discussion. A minimum notice period of at least 15 days is required for termination, from either side, based on mutual agreement.

MODE OF OPERATION

An Executive Committee comprising Six members will be formed to make decisions regarding the plan of work and mode of operations. This committee will have the power to decide on the working plan. Termination of an executive member is possible, if the members of KANAL or ST. THOMAS COLLEGE, face any difficulties in executing the programs. The programs will be conducted mutually by or ST. THOMAS COLLEGE and KANAL, on mutual agreement.

OBJECTIVES

1. To bring about desirable behavioural changes in the attitude, knowledge, and skills of the children living in the area selected for the activity.
2. Improve the quality of education of the children in the area selected for the activity.
3. To create awareness on gender sensitivity, civic responsibilities, social commitments, cyber safety, interpersonal relationships, personal hygiene, sanitation, and safe menstruation among youngsters.
4. To impart scientific knowledge on health, comprehensive sexuality education, nutrition, and diseases among the population.
5. To make the Public aware of their legal rights.
6. To train the people on sustainable livelihood programs, like income generation options.

EXECUTIVE COMMITTEE





ST. THOMAS COLLEGE, RANNI

1. Chairman: Adv. ANSON PD ALEXANDER, Director, Kanal Innovations
2. General Secretary: Dr Sneha Eley Jacob, Assistant Professor, St. Thomas College, Ranni
3. General Secretary: GowriGeetha Anil, Outreach and HR Coordinator, Kanal Innovations
4. Secretary: Dr Rigy Idiculla, Assistant Professor, St. Thomas College, Ranni
5. Secretary: Dr Devipriya M, Assistant Professor, St. Thomas College, Ranni
6. Secretary: Athira Krishnan, Public Relationship Coordinator, Kanal Innovations

AUTHORISATION

The signing of this MOU is a formal undertaking. It implies that the signatories will strive to reach, to the best of their ability, the scope and terms stated in the MOU.

On behalf of the organization I represent, I wish to sign this MOU and contribute to its development

1. Name: Dr Aleyamma Kuruvilla
Title: Principal, St Thomas, College, Ranni
Date:

2. Name: - ANSON P D ALEXANDER
Title: - Director, Kanal Innovations
Date:-

WITNESSES:

1. Sreechandhana C S, Editor, Kanal Innovations
2. Dr R Aruna Devi, Assistant Professor, St. Thomas College, Ranni





ST. THOMAS COLLEGE, RANNI

ST. THOMAS COLLEGE, RANNI

Collaborating Institution	Kanal innovations & Charitable Trust
Nature of Collaboration	Memorandum Of Understanding (MoU)
Year/Date of collaboration	2020-2021 / 06.07.2020- 05.07.2022
Duration of collaboration	2 year
Activity under collaboration	Legal Awareness classes for College Students

ACTIVITY UNDER THE MoU

The poster is for a 'Gender Awareness Class' organized by the Kerala Government Women and Child Development Department, Pathanamthitta. It is in collaboration with St. Thomas College, Ranni. The event is for the 20th Batch, held on 08/09/2021 at 02:00pm. The Presidential Address will be given by Dr. Aleyamma Kuruville (Principal). The resource persons are Adv. Dileep Kumar (M. S. W, L.L.B) and Anson P D Alexander (Kanal Director). The poster also mentions the NSS Unit No 44 and provides contact information for mskptal2@gmail.com and 8907700385.

**KERALA GOVERNMENT
WOMEN AND CHILD DEVELOPMENT
DEPARTMENT PATHANAMTHITTA**

**IN COLLABORATION WITH
ST. THOMAS COLLEGE RANNI**

GENDER JUSTICE FORUM

Gender Awareness Class

20th Batch 08/09/2021 02:00pm

Presidential Address : Dr. Aleyamma Kuruville (Principal)

Resource Persons

**Adv. Dileep Kumar
(M. S. W, L.L.B)**

**Anson P D Alexander
(Kanal Director)**

മഹിളാ ശക്തികേന്ദ്രം | വനിതാ ശിശു വികസനവകുപ്പ് പത്തനംതിട്ട

mshptal2@gmail.com 8907700385

Facebook, Instagram, YouTube, Twitter icons



ST. THOMAS COLLEGE, RANNI



**KERALA GOVERNMENT
WOMEN AND CHILD DEVELOPMENT
DEPARTMENT PATHANAMTHITTA**

**IN COLLABORATION WITH
ST. THOMAS COLLEGE, RANNI**

Gender Justice Forum

NSS UNIT NO : 44

GENDER AWARENESS CLASS

09/09/2021 02:30pm **zoom**

Felicitation : **Fr.Mathews Vazhakunnam**
Assistant professor, Department of malayalam
STC RANNI

Resourse Person : **Adv. Maya Krishnan**

മഹിളാ ശക്തികേന്ദ്രം | വനിതാ ശിശു വികസനവകുപ്പ് പത്തനംതിട്ട
mshptal2@gmail.com 8907700385

കേരളം


**Ministry of Women and Child Development
Government of India**



St. Thomas College, Ranni

Gender Awareness class for college students




ST. THOMAS COLLEGE, RANNI



**KERALA GOVERNMENT
WOMEN & CHILD DEVELOPMENT
DEPARTMENT PATHANAMTHITTA
IN COLLABORATION WITH**



**NSS
UNIT
NO 44**

ST. THOMAS COLLEGE RANNI

Gender Justice Forum

22th Batch


GENDER AWARENESS CLASS

zoom
10-09-2021
02:00pm


Felicitation

Capt. John M George
[Vice principal STC Ranni]

Resource Persons



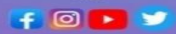
Dileep kumar
(LLB, MSW)

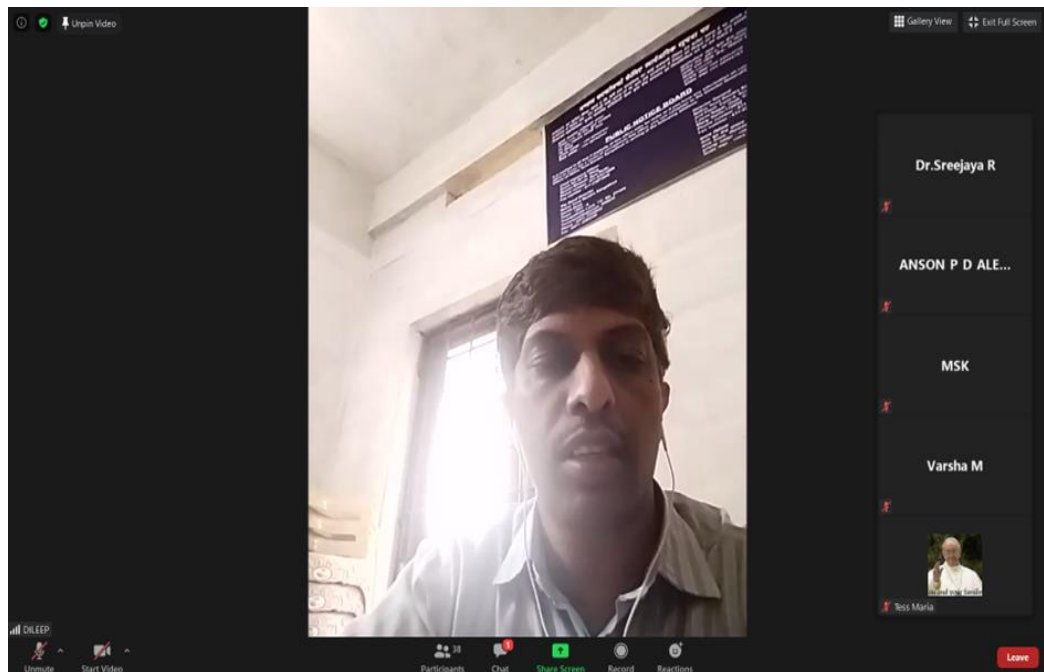


Adv. Aswathy Das

മഹിളാ ശക്തികേന്ദ്രം |
mskpta12@gmail.com

വനിതാ ശിശു വികസനവകുപ്പ് പത്തനംതിട്ട
8907700385







ST. THOMAS COLLEGE, RANNI

The webinar series of “KANAL”

In association with Women and Child welfare department conducted a webinar series for all college students through scheduled zoom meeting from 8.9.2021 to 10.9.2021

MSK PTA is inviting you to a scheduled Zoom meeting.

Topic: KANAL CAMPAIGN - Batch 20

Time: Sep 8, 2021 02:00 PM Mumbai, Kolkata, New Delhi

Join Zoom Meeting

<https://us02web.zoom.us/j/83136897705?pwd=bzR5eHBUb3pFK2NkMlI2dDduVkpJUT09>

Meeting ID: 831 3689 7705

Passcode: 855694

MSK PTA is inviting you to a scheduled Zoom meeting.

Topic: KANAL CAMPAIGN - BATCH 21

Time: Sep 9, 2021 02:30 PM Mumbai, Kolkata, New Delhi

Join Zoom Meeting

<https://us02web.zoom.us/j/81755101709?pwd=WEFNK2JtbIU2QTFyUjEycckkOUExUdz09>

Meeting ID: 817 5510 1709

Passcode: 157083

SK PTA is inviting you to a scheduled Zoom meeting.

Topic: KANAL CAMPAIGN- BATCH 22

Time: Sep 10, 2021 02:00 PM Mumbai, Kolkata, New Delhi

Join Zoom Meeting

<https://us02web.zoom.us/j/88380988230?pwd=dmINRU9NeStlVVgzeDFjM2JFb1Ntdz09>

Meeting ID: 883 8098 8230

Passcode: 161583



ST. THOMAS COLLEGE, RANNI

The poster is for a Gender Awareness Class organized by St. Thomas College Ranni. It features the college's logo and name at the top, followed by its affiliation to Mahatma Gandhi University Kottayam. The main title is 'Gender Justice Forum & National Service Scheme Unit no : 44'. Below this, it states 'are Organising' in a cursive font. A large yellow speech bubble contains the text 'a week long GENDER AWARENESS CLASS FROM 08/09/2021 TO 10/09/2021' and the Zoom logo. To the right of the speech bubble is a blue circular icon with a scale of justice and male/female figures. Below the speech bubble, it says 'In association with' followed by three logos: the Government of Kerala emblem, a logo with two stylized figures and the Malayalam text 'വനിത ശിശുവികസന വകുപ്പ്' (Women and Child Development Department), and a logo with a woman's profile and the Malayalam word 'കനൽ' (Kanal).

ST. Thomas College Ranni
Affiliated to Mahatma Gandhi University Kottayam

**Gender Justice Forum
&
National Service Scheme**

Unit no : 44

are Organising

a week long
GENDER AWARENESS CLASS
FROM
08/09/2021 TO 10/09/2021

zoom

In association with

Logo of the Government of Kerala

വനിത ശിശുവികസന വകുപ്പ്

കനൽ

Webinar series of “Kanal” in association with women & child welfare
Department and St.Thomas College, Ranni



ST. THOMAS COLLEGE, RANNI

MEMORANDUM OF UNDERSTANDING

BETWEEN



Clean Kerala
Company Limited

CLEAN KERALA COMPANY LIMITED
THIRUVANANTHAPURAM

AND



ST. THOMAS COLLEGE

Ranni, Pathanamthitta Dist.



For

**IMPLEMENTING SUSTAINABLE WASTE MANAGEMENT
PRACTICES**

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter "Memorandum" or MoU) is dated this the 3rd day of February 2022

BETWEEN

Clean Kerala Company Limited having its registered office at State Municipal House, Vazhuthacaud, Thiruvananthapuram – 695010 (hereinafter referred to as "First Party" which expression shall mean and include its administrators and permitted assigns),

AND

The Principal, St. Thomas College, Ranni having their office at Ranni, Pathanamthitta district (hereinafter referred to as "Second Party" which expression shall mean and include its administrators and permitted assigns).

(Referred to herein as "Parties" or individually as "Party")

WHEREAS

- A. The parties are interested in working together in connection with the Purpose which is described in this Memorandum.
- B. This Memorandum sets out the initial relationship between the Parties as well as the respective rights and responsibilities of each Party.
- C. Each Party respectively is expected to act in good faith in accordance with this Memorandum.



NOW THEREFORE IN CONSIDERATION OF the premises and the mutual covenants set forth herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged the parties hereto covenant and agree as follows:

1. PROJECT AND PURPOSE

A) The Parties intend to work together on a project which is meant to deal with the non-biodegradable waste and electronic and hazardous wastes generated in the campus.

B) The Project has the following purpose:

To develop a system for collection, sorting, segregation and safe disposal of the non-biodegradable waste and electronic and hazardous wastes generated in the campuses of St. Thomas College, Ranni thereby implementing sustainable waste management practices.

2. GENERAL OBLIGATIONS

- a) The Parties will act in good faith and will use their best endeavours to achieve the Purpose and to give effect to the terms of this Memorandum.
- b) The Parties hereby acknowledge and agree that they will each respectively perform all acts and execute all documents as reasonably required in order to give effect to the terms of this Memorandum.
- c) Each Party agrees to cooperate in the spirit of mutual understanding and goodwill in order to develop the Parties' relationships with one another and in order to pursue the purpose.

3. ROLES OF PARTIES

a) **St. Thomas College, Ranni** will have the following obligations in relation to the Project:

1. Provide a material collection facility in the campus for storage of material prior to transportation
2. Facilitate efficient and regular collection operations throughout the campus.
3. Ensure segregation of the non-Biodegradable waste and recyclable e-waste and hazardous waste material and aggregation of the same



to the point from where Clean Kerala Company should collect the material

4. Loading of material to the collection vehicle arranged by Clean Kerala Company
5. Designate an Officer in the campus from among the Faculty members to facilitate CKCL where this project is undertaken to coordinate the activities under this project
6. Organise programmes to create awareness on sustainable waste management practices among the campus users
7. Building a framework to monitor the activities and sustenance of this project
8. Devise strategies to reduce waste generation in the campus, implementation of green protocol
9. Provide PPE Kit to persons engaged in collection of bio medical waste from different locations of the campus.

b) **Clean Kerala Company Limited** will have the following obligations in relation to the Project:

1. Collection of Non-Biodegradable waste and e-wastes and hazardous wastes separately from a single point in the campus. The rates for disposal for hazardous chemicals shall be informed in writing before lifting.
2. The rates for disposal of e-wastes and hazardous and se-wastes shall be based on the standing government order (e-waste G.O.(Rt) No. 479/2021/LSGD, G.O. No. 1117/16/LSGD and G.O no. 3326/2017/LSG for definitions of e-waste and hazardous e-waste). Any amendments in the above-mentioned orders shall be duly communicated to the second party. The rates payable to the College for the non-biodegradable waste is given in the table below.

SI No	Item	Unit	Price in Rs.
	Metal		
1	Metal Scrap	KG	15
2	Stainless Steel	KG	50
3	Aluminium soft drink can	KG	30



	Paper		
4	News Paper	KG	9
5	White paper / Answer sheet	KG	5
	Plastics		
6	Milk Pouch	KG	10
7	Oil Cover	KG	3
8	Paper cup	KG	2
9	Tetra Pack	KG	2
10	PET Bottle	KG	10
11	Aluminium Foil	KG	10
12	Multi-Layer plastic/Thermocol unsegregated products / plastic	KG	NIL

*Any other items and its rate that comes up during the project period will be finalized mutually.

3. All payments for lifting of the waste material shall be made within 10 days of generation of invoice from CKCL and all payments due to the college being the value of the waste as per table above will be paid in 10 days.
4. Implementation of collection calendar determining the frequency of collection, specific types of material to be collected, etc which will be finalised by mutual discussion and once finalised that will form part of this MoU.
5. Logistics arising from the single point collection to recycling or disposal stations (includes transportation from the collection point to RRFs and beyond).
6. Coordination and liaising with the officers from St. Thomas College, Ranni who are appointed as the nodal officer/s for this project.
7. Provide faculty support for organising training /awareness programmes.
8. Guidance in recordkeeping and monitoring of the project.



9. Ensure safe and scientific disposal of all waste collected including landfilling of non-recyclable materials derived from the collected material as the case may be.
10. Payment of predetermined rates for recyclable e-waste and others.
11. Invoicing of the materials which are hazardous and non-recyclable to the College and levy the cost involved for safe disposal.
12. Issue receipt on removal of waste from the campus.

4. TIME AND DURATION OF THE PROJECT

- a) This Memorandum will remain in effect for a period of **One Year** from the date of signing, unless and until otherwise terminated by the Parties.
- b) The Parties may terminate this Memorandum by mutual agreement.
- c) Either Party may terminate this Memorandum by giving a notice of 45 days to the other Party.

5. TAXES, DUTIES AND LEVIES

All central, state or local taxes and levies applicable from time to time shall be paid by both Parties as per Government rules and procedures in vogue.

6. ENVIRONMENT, HEALTH, SAFETY POLICY AND PRACTICE

Both Parties shall implement and adhere to the environment, health and safety policy and practices, during the contract period. The employee and worker safety, control mechanisms of litter, pest, odour, fire, surface runoffs, etc. shall be taken care by both the parties.

7. FORCE MAJEURE

Neither the First Party nor the Second Party shall be held responsible for non-fulfilment of their respective obligations under this agreement due to the exigency of one or more of the force majeure events such as natural disasters, civic unrest, military unrest, etc. provided on the occurrence and cessation of any such events, the party affected thereby shall give a notice in



writing to the other party within fifteen days of such occurrence or cessation. If the force majeure conditions continue beyond three months, the party shall then mutually decide the future course of action.

8. AMENDMENT OR CANCELLATION OF THIS MEMORANDUM

This Memorandum may be amended or modified at any time in writing by mutual consent of both parties.

In addition, the Memorandum may be cancelled by either party with 45 days advance written notice, with the exception where cause for cancellation may include, but is not limited to, a material and significant breach of any of the provisions contained herein, when it may be cancelled upon delivery of written notice to the other party.

9. DISPUTE RESOLUTION

- a) Any dispute(s) arising out of this Memorandum shall, as far as possible, be settled amicably between the Parties hereto failing which the following shall apply:
- b) The Government of Kerala will take the final decision over any dispute, differences or claims arising out of this Memorandum and that will be binding on both parties.

10. SEVERABILITY CLAUSE

In the event that any provision of this Memorandum shall be deemed to be severable or invalid, and if any term, condition, phrase or portion of this Memorandum shall be determined to be unlawful or otherwise unenforceable, the remainder of the Memorandum shall remain in full force and effect, so long as the clause severed does not affect the intent of the Parties. If a court should find that any provision of this Memorandum to be invalid or unenforceable, but that by limiting said provision it would become valid and enforceable, then said provision shall be deemed to be written, construed and enforced as so limited.



11. ENTIRE AGREEMENT

The herein contained Memorandum constitutes the entire understanding of the Parties pertaining to all matters contemplated hereunder at this time. The Parties signing this MoU desire or intend that any implementing contract, license, or other agreement entered between the Parties subsequent hereto shall supersede and pre-empt any conflicting provision of this Memorandum whether written or oral.

12. APPLICABLE LAW

This Memorandum shall be governed by and construed in accordance with the laws of the State of Kerala.

13. AUTHORISATION AND EXECUTION

The signing of this Memorandum as such intends that the signatories shall strive to reach, to the best of their abilities, the goals and objectives stated in this MoU.

This Memorandum of Understanding shall be signed by District Manager, Pathanamthitta (Clean Kerala Company Limited, Thiruvananthapuram) and Principal, St. Thomas College, Ranni, Pathanamthitta Dist. and shall be effective as of the date first written above.

(District Manager, Pathanamthitta
Clean Kerala Company Limited)

DILDEEP KUMAR M.B
District Manager
Clean Kerala Company Ltd.
(Under LSGD-Government of Kerala)
Pathanamthitta
Ph: 75580899333
Email: pta.ckcl@gmail.com

3.02.2022

(Principal, St. Thomas College, Ranni)

PRINCIPAL
Dr. ALEYAMMA KURUVILLA
ST. THOMAS COLLEGE
PAZHAVANGADI P.O., RANNI-689 673

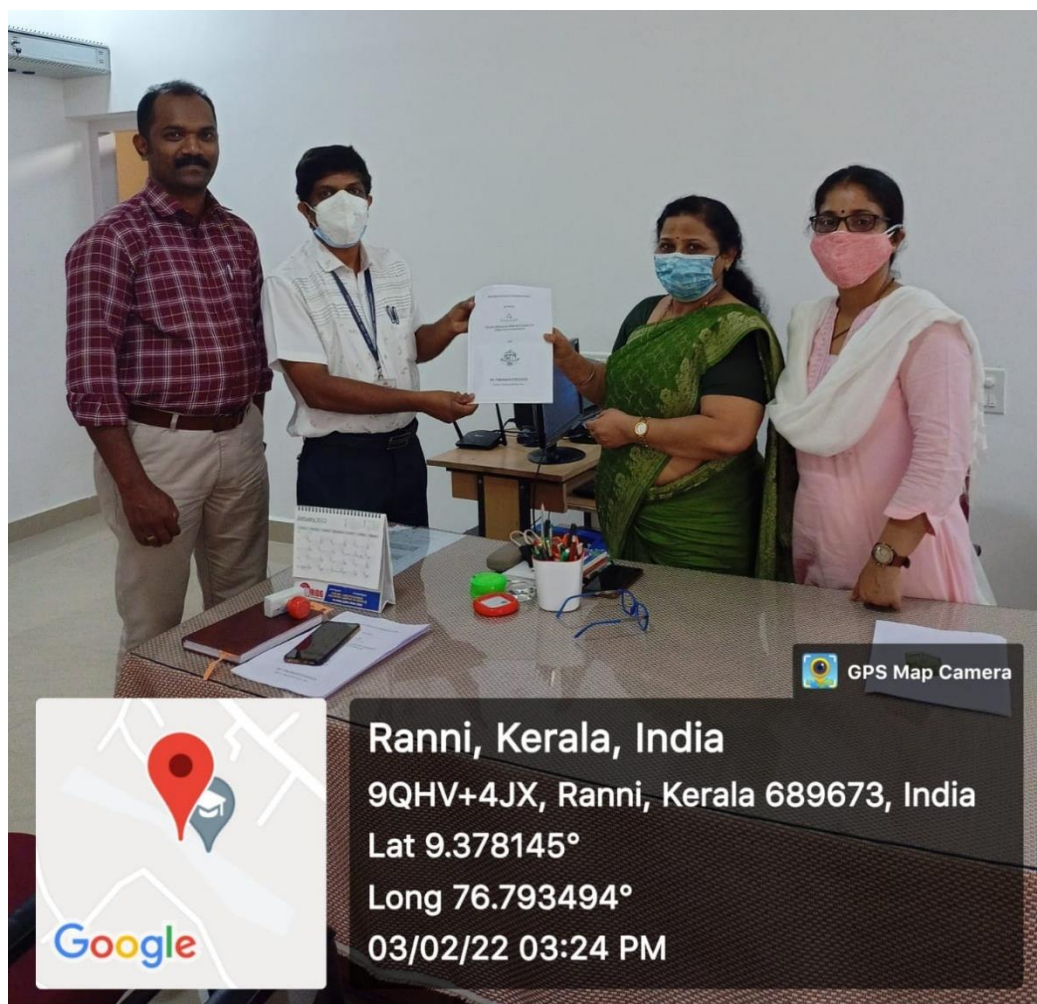
3-02-2022

8



ST.THOMAS COLLEGE, RANNI

Collaborating Institution	Clean Kerala Company
Nature of Collaboration	Memorandum Of Understanding (MoU)
Year/Date of collaboration	2021-2022 / 03.02.2022 – 02.02.2023
Duration of collaboration	1 year
Activity under collaboration	Implementing sustainable waste management practices



Signing of the MoU with Clean Kerala Company



SOLID WASTE MANAGEMENT UNITS



Solid waste collection unit inside the campus



കേരളം KERALA

DA 044325

MEMORANDUM OF UNDERSTANDING

BETWEEN

TROPICAL INSTITUTE OF ECOLOGICAL SCIENCES (TIES), KOTTAYAM, KERALA

AND

ST. THOMAS COLLEGE, RANNI

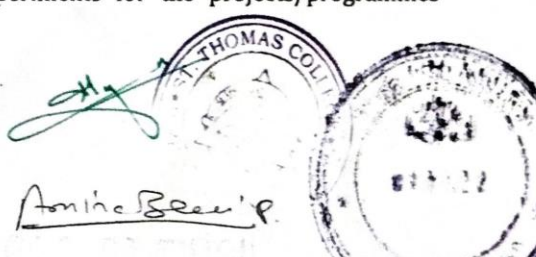
This Memorandum of Understanding (MoU) is entered into between TROPICAL INSTITUTE OF ECOLOGICAL SCIENCES (hereinafter called TIES) with the registered office at Ecological Research Campus, Velloor, Kottayam, Kerala and ST. THOMAS COLLEGE, RANNI for the purpose of expanding and promoting teaching, research, and community extension and development programmes for the benefit of the community, nature, faculty, students and NGO.

I. Tropical Institute of Ecological Sciences (TIES) agrees that:

- A. TIES will provide partner Colleges with experts for projects and programmes under CNPI, and all technical assistance such as research methodologies, survey sheets, trainings etc.
- B. TIES will provide identification keys, field guides, and laboratory and field research protocols to conduct experiments for the projects/programmes under CNPI.



No. 14311
13/11/2022
Principal





കേരളം KERALA

DA 044326

- C. TIES will provide expert trainings to conduct various research and community development programmes of the college under CNPI.
- D. TIES will provide project opportunities for individual students/ faculty members recommended by the college for projects in various funded projects as per the rules and regulations of the Universities and Governments.
- E. TIES will submit grades for each student/ faculty participated in CNPI to the college for evaluation purposes.
- F. The CNPI activities will be monitored regularly by TIES team and periodic reports will be communicated to the college.
- G. TIES will assist in preparation of publicity materials, publication of reports, scientific papers and other publications.
- H. TIES will provide its infrastructure facilities of TIES campus for various projects/programmes under CNPI, if needed.
- I. TIES will make the arrangements and provide sufficient help for getting legal permissions and other official permissions required for community linked activities such as sample collection, studies inside the forest areas, visit to government institutions, etc.
- J. TIES will not be responsible for any loss incurred to the participants due to unforeseen reasons beyond our control.

No 14312 Rswol - Principal
13/11/2022 St. Thomas College

Aminah Beevi





ST. THOMAS COLLEGE, RANNI

K. No financial support will be provided by TIES in conducting CNPI projects and programmes.

L. The services offered by TIES under CNPI are chargeable and the same should be agreed by both parties and given in Annexure I. But the expenses towards laboratory experiments, printing and publication expenses, food expenses (during seminar/ workshop etc.) etc. if any, should be borne by the college.

II. St. Thomas College, Ranni agrees that:

- A. College will be responsible for organising all programmes and projects under CNPI as per pre-agreed time schedule. Timely conduct of programmes and implementation of project is the sole responsibility of the college.
- B. College shall identify and select the faculty members and students to work with CNPI for every academic year. Three to ten teachers and 75 to 150 students should be part of the CNPI. The rest of the students and faculty in the college shall be facultative participants. But all should be the beneficiaries of the CNPI.
- C. College shall provide its laboratory or other infrastructure facilities for the conduct of projects/programmes under CNPI.
- D. College shall make arrangements for regular monitoring and documentation of the programmes/projects under CNPI. This will be used for the final report publication.
- E. The organising expenses of various projects and programmes under CNPI will be borne by the college.
- F. College shall pay the consultation fee for TIES as per the schedule given in Annexure I.

III. Conditions of the Agreement

- A. This agreement will become effective upon signing by the designated representatives from both institutions for a period of one year (Or the period agreed by the parties).
- B. Any alteration of the provisions of this agreement will become effective only upon the mutual written consent of both institutions.
- C. This agreement is valid from the midnight of 17-01-2022 to the midnight of 16-01-2023 Indian Standard Time or it may be terminated upon the request of either parties made at least one month prior to the proposed termination date.





ST. THOMAS COLLEGE, RANNI

ST. THOMAS COLLEGE, RANNI

Collaborating Institution	Tropical Institute of Ecological Sciences (TIES)
Nature of Collaboration	Memorandum of Understanding (MoU)
Year/Date of collaboration	2021-2022 / 17.01.2022- 16.01.2023
Duration of collaboration	1 year
Activity under collaboration	Green Auditing the Campus



Certificate issued by TIES for Green Audit at College Campus

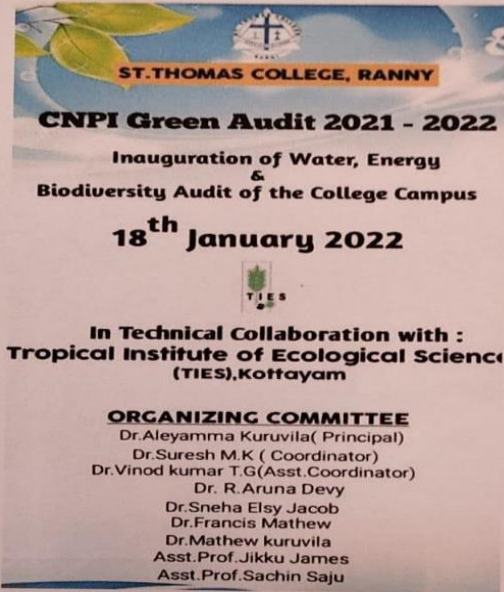


As a part of College - NGO Partnership Initiative (CNPI), an MoU was signed between St.Thomas College and Tropical Institute of Ecological Sciences (TIES) Green audit in campus on 18 th January, 2022.The training programme for the four audits – Biodiversity, Water, Energy and Waste was held on 18 th January, 2022. The programme was inaugurated by Dr.Punnen Kurian, Principal, St.Mary's College, Manarcaud, and Secretary TIES in the presence of Principal Dr. Aleyamma Kuruvilla, TIES Members – Dr.


Nelson Abraham and Ms. Aupa. One Staff co-ordinator for each audit with 25 students was assigned to do the audit. Biodiversity audit and Waste audit training was given by Dr. Nelson Abraham with practical sessions, Energy audit and Water audit training was given by Dr.Punnen Kurian with mock audit of water and energy.




ST. THOMAS COLLEGE, RANNI



ST. THOMAS COLLEGE, RANNI
CNPI Green Audit 2021 - 2022
Inauguration of Water, Energy
&
Biodiversity Audit of the College Campus
18th January 2022
In Technical Collaboration with :
**Tropical Institute of Ecological Science
(TIES), Kottayam**
ORGANIZING COMMITTEE
Dr. Aleyamma Kuruvila (Principal)
Dr. Suresh M.K. (Coordinator)
Dr. Vinod Kumar T.G. (Asst. Coordinator)
Dr. R. Aruna Devy
Dr. Sneha Elsy Jacob
Dr. Francis Mathew
Dr. Mathew Kuruvila
Asst. Prof. Jikku James
Asst. Prof. Sachin Saju



Ranni, Kerala, India
9QHV+4JX, Ranni, Kerala 689673, India
Lat 9.378043°
Long 76.794024°
18/01/22 10:09 AM



CNPI GREEN AUDIT 2021 - 22
Inauguration of Water, Energy & Biodiversity Audit of the College Campus
2022 JANUARY 18th
St. Thomas College, Ranni
In Technical Collaboration with :
**Tropical Institute of Ecological Science
(TIES), Kottayam**



Ranni, Kerala, India
9QHV+4JX, Ranni, Kerala 689673, India
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Long 76.793866°
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ST. THOMAS COLLEGE, RANNI





ST. THOMAS COLLEGE, RANNI



**ST. THOMAS COLLEGE, RANNI
CNPI GREEN AUDIT 2021-2022**



Programme Schedule

Date: 18/01/2022

Inaugural Session (10:00 a.m. – 11:00 a.m.)

Venue: Seminar Hall

Prayer song	: Sreelakshmi Nair, I DC Commerce
Welcome speech	: Dr. Suresh M.K. (Co-ordinator)
Presidential Address	: Dr. Aleyamma Kuruvilla (Principal)
Inaugural Address	: Dr. Punnen Kurian (Principal, St. Mary's College, Manarcaud & Secretary, TIES, Kottayam)
	:
Felicitation	: Prof. Santhosh K. Thomas (College Manager)
Vote of thanks	: Lakshmi Prakash V.P., I DC Physics

11:00 a.m. – 11:10 a.m. – Tea Break

11:10 a.m. – 12:30 p.m. – Energy Audit Training

12:30 p.m. – 01:00 p.m. – Practical Session (Mock Audit of Water and Energy)

01:00 p.m. – 01:45 p.m. – Lunch Break

01:45 p.m. – 03:00 p.m. – Biodiversity Audit

03:00 p.m. – 04:15 p.m. – Water Audit

4:15 p.m. – Valedictory Session



ST. THOMAS COLLEGE, RANNI

18/1/2022

ATTENDANCE REGISTER

BIODIVERSITY AUDIT GROUP

Sl.NO	Name of the Student	Class	Signature FN	Signature AN
1.	Vaisakh Mohandas	1 DC ZOOLOGY		
2.	Sivakrishnan M. Santhosh	1 DC Zoology		
3.	AJITH SIMON	"		
4.	Dhanush S. Kumar	"		
5.	Abhijith Shaji	"		
6.	Dhivin Kumar D	1 DC Botany		
7.	Shine Raj N	"		
8.	Albin Mathew	"		
9.	Adithyan Reghu	1st DC Botany		
10.	Justin Peter	"		
11.	Abin p shaji	1st DC Botany		
12.	Harsha K	1st DC Zoology		
13.	Keerthana S	1st DC Zoology		
14.	Aravind Muraleedharan K	1st DC Zoology		
15.	Akhila Mol P.S	1st DC Botany		
16.	Navya K.C	"		
17.	Anjana Prem	"		
18.	Aswathy Suresh	"		
19.	Parvathy Surenchan	"		
20.	Rajalakshmi Rajesh	"		
21.	Meenakshy Mangikumar	"		
22.	Judith Annkashy	"		



18/1/2022

ENERGY AUDIT GROUP

Sr.no	Name of the student	Class	Signature FN	Signature AN
1.	Akhil Binu	B.Com 1 st DC	<u>Akhil Binu</u>	
2.	Amal babu	B.Com 1 st DC	<u>Amal</u>	
3.	Akhil P. Binu	B.Com 1 st DC	<u>Akhil</u>	
4)	Migis Samuel	B.Com 1 st DC	<u>Migis</u>	
5)	Devjith P.R	B.Com 1 st DC	<u>Devjith</u>	
6)	Anandhu G. Nair	Physics I st DC	<u>Anandhu</u>	
7)	Azeerjith A	Chemistry I st DC	<u>Azeerjith</u>	
8)	A. Nazir Kanna	B.Sc Chemistry I st DC	<u>Azeerjith A</u>	<u>Azeerjith A</u>
9	Abitha Thomas	B.Com I st DC	<u>Abitha</u>	<u>Abitha</u>
10	Reshma C. Rajappan	II DC Zoology	<u>Reshma</u>	
(11)	Nishitha M. K. V	II DC Zoology	<u>Nishitha</u>	
12	Aparna K Sasi	II DC Zoology	<u>Aparna</u>	
13	Nandhana	II DC Zoology	<u>Nandhana</u>	
14	Nandhitha Vinesh	II DC Zoology	<u>Nandhitha</u>	<u>Nandhitha</u>
15	Lakshmi Prekash V.P	II DC Zoology	<u>Lakshmi</u>	<u>Lakshmi</u>
16	Liya David	II DC Zoology	<u>Liya</u>	<u>Liya</u>
17	Indukrishna R	I DC Chemistry	<u>Indukrishna</u>	<u>Indukrishna</u>



18/1/22

WATER AUDIT

Sl No	Name of the student	Class	Signature Fol	Signature An
1.	Subin Muzali	IDC English	<u>Subin</u>	<u>Subin</u>
2.	Arnal A.M.	IDC BTM	<u>Arnal</u>	
3.	Gajan P. Mathew	BTM	<u>Gajan</u>	
4.	Bijomou Shendran	BA economic	<u>Bijomou</u>	<u>Bijomou</u>
5.	Milan Raj	BA. economic	<u>Milan</u>	<u>Milan</u>
6.	Alfina S	BA History	<u>Alfina</u>	<u>Alfina</u>
7.	Angana Prithkumar	"	<u>Angana</u>	<u>Angana</u>
8.	Prinov Sora Shibu	BA Economics	<u>Prinov</u>	<u>Prinov</u>
9.	Salona Salim	B com	<u>Salona</u>	<u>Salona</u>
10.	Hisara Hashim	"	<u>Hisara</u>	<u>Hisara</u>
11.	Prasi P	Bcom	<u>Prasi</u>	
12.	Aswathy Ullas	11 th DC English	<u>Aswathy Ullas</u>	
13.	Jithin Sebastian	3 rd DC English	<u>Jithin</u>	
14.	Akshath Binu	11 th DC Chemistry	<u>Akshath</u>	
16.	Ajesh Ma	"	<u>Ajesh</u>	
17.	Harishankar	"	<u>Harishankar</u>	
18.	Anavind	"	<u>Anavind</u>	
19.	Princy J	BTM	<u>Princy</u>	<u>Princy</u>
20.	Saifu nisba	BTM		<u>Saifu</u>
21.	Haritha S. Kumar	BTM		<u>Haritha</u>



Sl.no	Name of the Student	Class	Signature For	Signature
	Evan Long	Economics		
WASTE	Archana Arni	Zoology	<u>Archana</u>	<u>Archana</u>
	Jitty sayo T.S	zoology	<u>Jitty</u>	<u>Jitty</u>
	Sanya Santhosh	zoology	<u>Sanya</u>	<u>Sanya</u>
	Bivina Samuel	zoology	<u>Bivina</u>	<u>Bivina</u>
	Ananya Raj A	zoology	<u>Ananya</u>	<u>Ananya</u>
	Nandhana	Zoology	<u>Nandhana</u>	<u>Nandhana</u>
	Aparna K sasi	zoology	<u>Aparna</u>	<u>Aparna</u>
	Sasilekha. S	Zoology	<u>Sasilekha</u>	<u>Sasilekha</u>
	Paarthana Paasad	zoology	<u>Paarthana</u>	<u>Paarthana</u>
	Reshma. C Rajappan	zoology	<u>Reshma</u>	<u>Reshma</u>
	Abitba Thomas	Zoology	<u>Abitba</u>	<u>Abitba</u>
	Hebsiba k. Benjamin.	Zoology.	<u>Hebsiba</u>	<u>Hebsiba</u>
	Nishitha nal K.V	zoology	<u>Nishitha</u>	<u>Nishitha</u>
	Shahana V.S	Zoology	<u>Shahana</u>	<u>Shahana</u>
	Archana. G	zoology	<u>Archana</u>	<u>Archana</u>
	Anagha. S. Kurup	Zoology	<u>Anagha</u>	<u>Anagha</u>
	Sreemol. P	zoology	<u>Sreemol</u>	<u>Sreemol</u>



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:

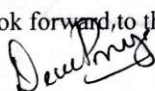
08.06.2021

Collaborative Agreement

Department of Botany, St. Thomas College, Ranni appreciates the opportunity to collaborate with Poonkavanam Gardens, College Road, Pazhavangadi PO, Ranni, 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 Gardens will 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





POONKAVANAM GARDENS

COLLEGE ROAD, PAZHAVANGADI PO, RANNY

e-mail:surshmanchini@gmail.com

Ph: 9400119940

08.06.2021

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. Thomas 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.

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We look forward to this collaboration.

Mr. Suresh Nicholas Manchini

Proprietor



Dr. Devi Priya M.

Department of Botany

St. Thomas College, Ranni





ST. THOMAS COLLEGE, RANNI

DEPARTMENT OF BOTANY

Collaborating Institution	Poonkavanam Gardens, Pazhavangadi , Ranni
Nature of Collaboration	Collaboration
Year/Date of collaboration	2021-2022 (08.06.2021 -07.06.2022)
Duration of collaboration	1 year
Activity under collaboration	Provided plant materials necessary for practicals



Department of Botany
St. Thomas College

Pazhavangadi P.O., Ranni, Pathanamthitta- 689673

E-mail – botanydeptstcranni@gmail.com

Ref.....

31.03.2022
Date

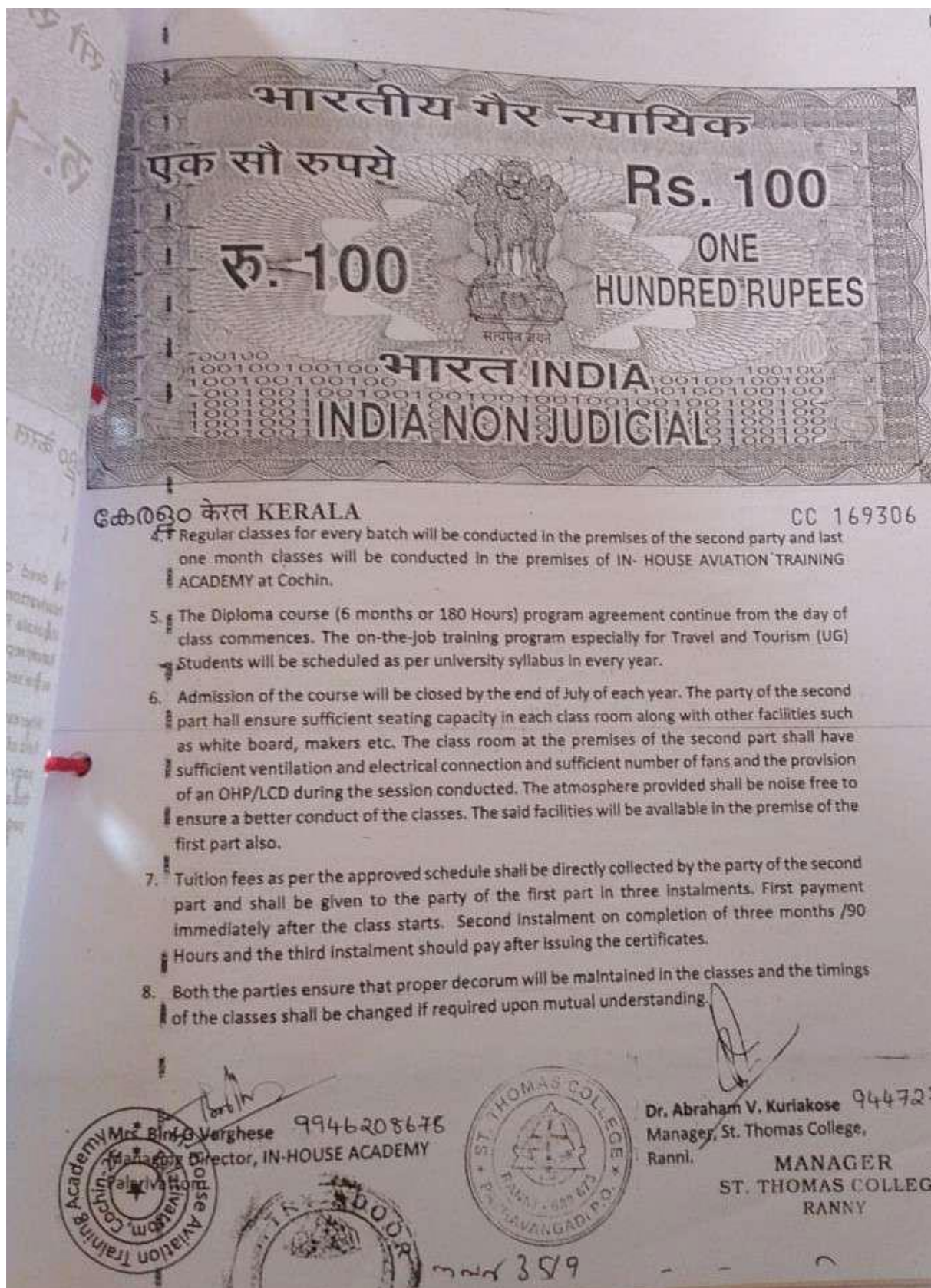
CERTIFICATE

This is to certify that Poonkavanam Gardens provided the plant materials necessary for the conducting practicals for the students during the academic year 2021-22

DEVIPRIYA M.
Assistant Professor of Botany
St. Thomas College
Pazhavangadi P.O., Ranni - 689 673
Pathanamthitta
E-mail: devi.priya.m@gmail.com









भारतीय गैर न्यायिक
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केरल KERALA CC 169306

- Regular classes for every batch will be conducted in the premises of the second party and last one month classes will be conducted in the premises of IN- HOUSE AVIATION TRAINING ACADEMY at Cochin.
- The Diploma course (6 months or 180 Hours) program agreement continue from the day of class commences. The on-the-job training program especially for Travel and Tourism (UG) Students will be scheduled as per university syllabus in every year.
- Admission of the course will be closed by the end of July of each year. The party of the second part shall ensure sufficient seating capacity in each class room along with other facilities such as white board, makers etc. The class room at the premises of the second part shall have sufficient ventilation and electrical connection and sufficient number of fans and the provision of an OHP/LCD during the session conducted. The atmosphere provided shall be noise free to ensure a better conduct of the classes. The said facilities will be available in the premise of the first part also.
- Tuition fees as per the approved schedule shall be directly collected by the party of the second part and shall be given to the party of the first part in three instalments. First payment immediately after the class starts. Second instalment on completion of three months /90 Hours and the third instalment should pay after issuing the certificates.
- Both the parties ensure that proper decorum will be maintained in the classes and the timings of the classes shall be changed if required upon mutual understanding.

Dr. Abraham V. Kuriakose 94472703
Manager, St. Thomas College,
Ranni.
MANAGER
ST. THOMAS COLLEGE
RANNY

Mrs. Bina C. Verghese 9946208678
Manager, Director, IN-HOUSE ACADEMY



ST. THOMAS COLLEGE, RANNI

DEPARTMENT OF TRAVEL AND TOURISM

Collaborating Institution	In- house Aviation Training Academy, Palarivattom, Cochin
Nature of Collaboration	Memorandum of Understanding (MoU)
Year/Date of collaboration	2019-2022 / 17/09/2019- 16/09/2022
Duration of collaboration	3 year
Activity under collaboration	Internship Training program

ACTIVITY UNDER MoU- INTERNSHIP TRAINING PROGRAM ,
GALLILEO CRS BASIC COURSE- 20 STUDENTS



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TESTIMONY

Mr. ABIN MATHEW, II year BTS student of St. Thomas College Ranni, Pathanamthitta District, has undergone the internship training program, **Galileo CRS Basic Course** conducted by us from **03March 2022 to 12March 2022**. He has successfully completed the orientation and real time hands-on training at our Model Travel Agency facility at Palarivattom.

During the training period, he seems to be hard working and sincere.
I wish him every success in whatever endeavor he may undertake.



Bini G Varghese
Managing Director

Palarivattom
16March2022



AIRLINE & AGENCY TRAINING

Metro Station, Palarivattom, Cochin - 682 025.
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www.inhouseaviation.com

Certificate issued by Aviation academy for the training program on Gallileo
CRS Basic course



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TESTIMONY

Mr. AJISH GIGI, II year BTS student of St. Thomas College Ranni, Pathanamthitta District, has undergone the internship training program, **Galileo CRS Basic Course** conducted by us from **03 March 2022 to 12 March 2022**. He has successfully completed the orientation and real time hands-on training at our Model Travel Agency facility at Palarivattom.

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TESTIMONY

Mr. ALBIN ANTONY LAWRENCE, II year BTS student of St. Thomas College Ranni, Pathanamthitta District, has undergone the internship training program, **Galileo CRS Basic Course** conducted by us from **03March 2022 to 12March 2022**. He has successfully completed the orientation and real time hands-on training at our Model Travel Agency facility at Palarivattom.

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Mr. ALBIN BABU, II year BTS student of St. Thomas College Ranni, Pathanamthitta District, has undergone the internship training program, Galileo CRS Basic Course conducted by us from 03 March 2022 to 12 March 2022. He has successfully completed the orientation and real time hands-on training at our Model Travel Agency facility at Palarivattom.

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TESTIMONY

Mr. ALEN. C. JOSEPH, II year BTS student of St. Thomas College Ranni, Pathanamthitta District, has undergone the internship training program, **Galileo CRS Basic Course** conducted by us from **03March 2022 to 12March 2022**. He has successfully completed the orientation and real time hands-on training at our Model Travel Agency facility at Palarivattom.

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TESTIMONY

Mr. ANAND. S, II year BTS student of St. Thomas College Ranni, Pathanamthitta District, has undergone the internship training program, Galileo CRS Basic Course conducted by us from 03 March 2022 to 12 March 2022. He has successfully completed the orientation and real time hands-on training at our Model Travel Agency facility at Palarivattom.

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Managing Director



Palarivattom

16 March 2022



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TESTIMONY

Ms ARYA. M, II year BTS student of St. Thomas College Ranni, Pathanamthitta District, has undergone the internship training program, **Galileo CRS Basic Course** conducted by us from **03March 2022 to 12March 2022**. She has successfully completed the orientation and real time hands-on training at our Model Travel Agency facility at Palarivattom.

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TESTIMONY

Ms ASWATHY SHIJU, II year BTS student of St. Thomas College Ranni, Pathanamthitta District, has undergone the internship training program, **Galileo CRS Basic Course** conducted by us from **03 March 2022 to 12 March 2022**. She has successfully completed the orientation and real time hands-on training at our Model Travel Agency facility at Palarivattom.

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TESTIMONY

Ms AYILYA SAJI, II year BTS student of St. Thomas College Ranni, Pathanamthitta District, has undergone the internship training program, **Galileo CRS Basic Course** conducted by us from **03March 2022 to 12March 2022**. She has successfully completed the orientation and real time hands-on training at our Model Travel Agency facility at Palarivattom.

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TESTIMONY

Mr. EDWIN JOHN, II year BTS student of St. Thomas College Ranni, Pathanamthitta District, has undergone the internship training program, Galileo CRS Basic Course conducted by us from 03 March 2022 to 12 March 2022. He has successfully completed the orientation and real time hands-on training at our Model Travel Agency facility at Palarivattom.

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TESTIMONY

Mr. JITHIN REJI, II year BTS student of St. Thomas College Ranni, Pathanamthitta District, has undergone the internship training program, **Galileo CRS Basic Course** conducted by us from **03 March 2022 to 12 March 2022**. He has successfully completed the orientation and real time hands-on training at our Model Travel Agency facility at Palarivattom.

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TESTIMONY

Mr. JITHU PRAKASH, II year BTS student of St. Thomas College Ranni, Pathanamthitta District, has undergone the internship training program, **Galileo CRS Basic Course** conducted by us from **03March 2022 to 12March 2022**. He has successfully completed the orientation and real time hands-on training at our Model Travel Agency facility at Palarivattom.

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TESTIMONY

Ms JOICE MATHEW, II year BTS student of St. Thomas College Ranni, Pathanamthitta District, has undergone the internship training program, **Galileo CRS Basic Course** conducted by us from **03March 2022 to 12March 2022**. She has successfully completed the orientation and real time hands-on training at our Model Travel Agency facility at Palarivattom.

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TESTIMONY

Mr. JOSEPH MATHEW, II year BTS student of St. Thomas College Ranni, Pathanamthitta District, has undergone the internship training program, **Galileo CRS Basic Course** conducted by us from **03March 2022 to 12March 2022**. He has successfully completed the orientation and real time hands-on training at our Model Travel Agency facility at Palarivattom.

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TESTIMONY

Mr. KIRAN. S. SOMAN, II year BTS student of St. Thomas College Ranni, Pathanamthitta District, has undergone the internship training program, Galileo CRS Basic Course conducted by us from 03March 2022 to 12March 2022. He has successfully completed the orientation and real time hands-on training at our Model Travel Agency facility at Palarivattom.

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TESTIMONY

Mr. NANDHU. M. NAIR, II year BTS student of St. Thomas College Ranni, Pathanamthitta District, has undergone the internship training program, **Galileo CRS Basic Course** conducted by us from **03 March 2022 to 12 March 2022**. He has successfully completed the orientation and real time hands-on training at our Model Travel Agency facility at Palarivattom.

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Bini G Varghese
Managing Director



Palarivattom
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TESTIMONY

Ms NEEGHA ANIL, II year BTS student of St. Thomas College Ranni, Pathanamthitta District, has undergone the internship training program, **Galileo CRS Basic Course** conducted by us from **03 March 2022 to 12 March 2022**. She has successfully completed the orientation and real time hands-on training at our Model Travel Agency facility at Palarivattom.

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Managing Director



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TESTIMONY

Mr. RITHIK MANOJ, II year BTS student of St. Thomas College Ranni, Pathanamthitta District, has undergone the internship training program, **Galileo CRS Basic Course** conducted by us from **03March 2022 to 12March 2022**. He has successfully completed the orientation and real time hands-on training at our Model Travel Agency facility at Palarivattom.

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TESTIMONY

Mr. ROYS CHERIAN, II year BTS student of St. Thomas College Ranni, Pathanamthitta District, has undergone the internship training program, **Galileo CRS Basic Course** conducted by us from **03March 2022 to 12March 2022**. He has successfully completed the orientation and real time hands-on training at our Model Travel Agency facility at Palarivattom.

During his training period, he, seems to be hard working and sincere.
I wish him every success in whatever endeavor he may undertake.

Bini G Varghese
Managing Director



Palarivattom
16March2022

AIRLINE & AGENCY TRAINING

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In House Aviation Training Academy™

Hallmark of Aviation Training



TESTIMONY

Mr. THARUN SABU, II year BTS student of St. Thomas College Ranni, Pathanamthitta District, has undergone the internship training program, **Galileo CRS Basic Course** conducted by us from **03March 2022 to 12March 2022**. He has successfully completed the orientation and real time hands-on training at our Model Travel Agency facility at Palarivattom.

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