



Holy Cross College (Autonomous) Nagercoil - 629 004

Affiliated to Manonmaniam Sundaranar University, Tirunelveli
Nationally Accredited with A+ Grade (CGPA 3.35) by NAAC IV Cycle
An ISO 9001:2015 Certified Institution

SSR
2019-2020
to
2023-2024

Project Report

DEPARTMENT OF MATHEMATICS

**Performance for the Submission of Project Report for
Virtual Internship Programme on Sustainable Development Goals
and
Community Engagement**

1. Title of the Project : WATER MANAGEMENT IN KANDANVILAI

2. Details of Participant(s):

Sl. No	Unique ID	Name of the participant	Programme of study	Email ID	Mobile No.
1	VC011482	JersilinJosipha. A	M.Sc. Mathematics, Ilyear	jersilinjospha@gmail.com	9600563075
2	VC011483	Anshiha.M	M.Sc. Mathematics, Ilyear	office.anshiha@gmail.com	9789648194
3	VC011475	Babisha.V	M.Sc. Mathematics, Ilyear	babishavens268@gmail.com	8903539709
4	VC011480	Sentimenla.F	M.Sc. Mathematics, II year	sentimenlameren@gmail.com	9384349072
5	VC011472	Mary Thomas.V	M.Sc. Mathematics, II year	marythomasv2000@gmail.com	8903058620

3.UBA theme for Project Work: : Water management

4.SDGs to be achieved :

- i. Good health & Well-being
- ii. Clean water and sanitation
- iii. Affordable & clean energy
- iv. Sustainable cities & communities
- v. Life on land
- vi. Partnerships to achieve the goal

5. Background of the Study:

- Water management is the activity of planning, developing distributing and managing optimum use of water resources
- Water management is to compete demand for water and seeks to allocate water on a equitable basis to satisfy all uses and demand
- This paper investigates the water management techniques and gives a detailed information about the water management

6.Objective of the Study:

The main objective is to analyse the water management in Kandavilai.

NAAC V Cycle Self Study Report (SSR)

DECLARATION

We declare that the project work is original and carried out by us under the guidance of Dr. Jancy Vini. The project work has not been submitted elsewhere for the award of any degree and the work is genuine.

Signature(s)

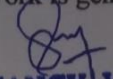
Jersilin Josipha.A *A. Josipha*
Anshiha.M *M. Anshiha*
Babisha.V *V. Babisha*
Sentimenla.F *Sentimenla*
Mary Thomas.V *Mary Thomas*

Details of Project Supervisor

Name of the Project Supervisor : Dr Jancy Vini
Mobile number :8056919276
Email ID :jancyvini@holycrossngl.edu.in
Area of specialization :Kandanvilai
Name of the Participating Institute of UBA : Holy cross college(Autonomous),
Nagercoil.
AISHE code of the Participating Institute :C-41177
Name of the Regional Coordinating Institute of UBA: Gandhigram university

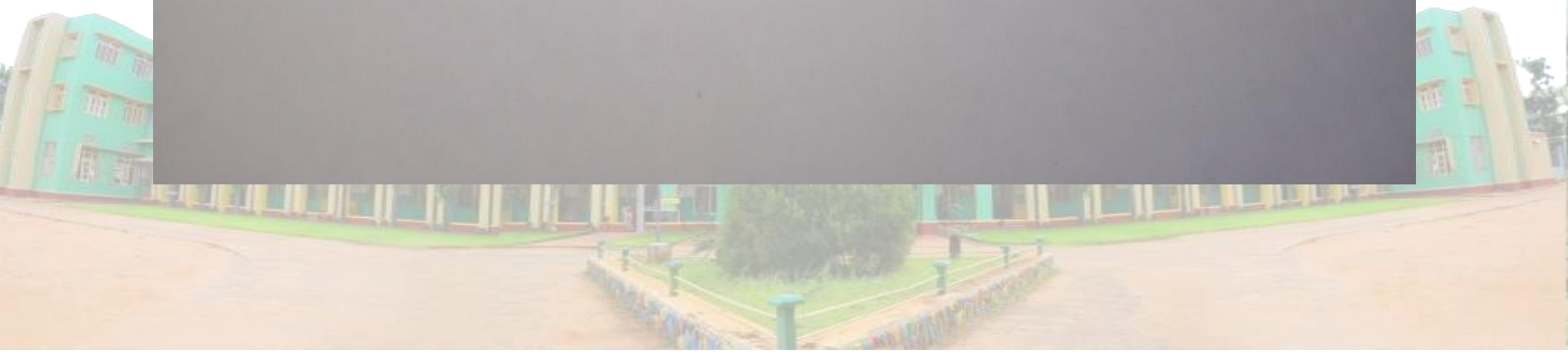
CERTIFICATE

This is to certify that the project has been carried out under my supervision and guidance. The project report has not been submitted for any other title / award and the work is genuine.


**Dr. A. JANCY VINI, M.Sc., M.Phil.,
SET., Ph.D.**
Asst. Professor, Dept. of Mathematics
Holy Cross College (Autonomous)
Nagercoil - 629 004

Signature of the Project Supervisor

Dr.A.Jancy Vini



Project Report for Virtual Internship Programme on Sustainable Development Goals and Community Engagement

1. Title of the Project:

Convergence and implementation of government various schemes in Thuckalay.

2. Details of the participant(s):

Sl.No	Unique ID	Name of the participant	Programme of study	Email ID	Mobile Number
1	VC011491	M.Jeni Pushpa	II MSc Mathematics (Aided)	mjenipushpa@gmail.com	9385635563
2	VC011498	D.Jenibha	II MSc Mathematics (Aided)	djenibha@gmail.com	8870270218
3	VC011474	J.Jisha	II MSc Mathematics (Aided)	jishaj317@gmail.com	9629317189
4	VC011487	S.Sahaya Viju	II MSc Mathematics (Aided)	sahayavijuviju@gmail.com	9597804006
5	VC011523	S.J Sigithra	II MSc Mathematics (Aided)	sigithrasj@gmail.com	63885474046

3. UBA Theme of the project :

Convergence

Convergence planning can achieve multiple goals such as maximization of returns from the investment, promotion of public private-community partnerships, sustainable development, meeting the unmet needs the community and emergence of good governance. The instruments include pooling of resources, both human and capital, transfer of productive and eco-friendly technologies and value addition through provision of backward and forward linkages. The 'how' part is described below.

(a) Goal Congruence among the stakeholders

The achievement of objectives without compromising on essential conditionalities of the converging programmes will form the bottom line of partnership(s).

(b) Local needs, problems and other issues

Bottom Up approach has been the hallmark of decentralisation. People's participation in planning and implementation of development programmes would provide more space to the socially and economically disadvantaged in the decision making and assigning priorities.

(c) Identifying potential areas/activities/schemes for convergence
selected area will be studied and discussed in the district/block level consultations to address the identified needs.

- Mitigating Effects of Climate Change: NREGA helps in addressing issues such as CO emissions 2 and industrial pollution and stemming.

10. Impact of the work:

- ❖ It gives more knowledge about government schemes and how they implement
- ❖ It improves our thinking capacity.
 - It made us to participate in group discussion, ask questions, engage other students in thoughtful conversations.
 - It gave us an opportunity to realize our roles in the prosperity and betterment of a society.

DECLARATION

We declare that the project work is original and carried out by us under the guidance of Dr.Jancy Vini. The project work has not been submitted elsewhere for the award of any degree and the work is genuine.

Signature(s)

M.Jeni Pushpa *M. Jeni Pushpa*

D.Jenibha *D. Jenibha*

J.Jisha *J. Jisha*

S.Sahaya Viju *S. Sahaya Viju*

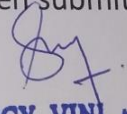
S.J.Sigithra *S. J. Sigithra*

Details of Project Supervisor

Name of the Project Supervisor : Dr.Jancy Vini
Mobile number : 8056919276
Email ID : jancyvini@gmail.com
Name of the Participating Institute of UBA: Holy Cross College
AISHE code of the Participating Institute : C-41177
Name of the Regional Coordinating Institute of UBA: The
Gandhigram Rural Institute.

CERTIFICATE

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**A. JANCY VINI, M.Sc., M.Phil.,
SET., Ph.D.**

Signature of the Project Supervisor

**Department of Mathematics
Holy Cross College (Autonomous)
Nagercoil - 629 004**

Dr. Jancy Vini

**PERFORMA FOR THE SUBMISSION OF PROJECT REPORT
FOR VIRTUAL INTERNSHIP PROGRAMME ON SUSTAINABLE
DEVELOPMENT GOALS AND COMMUNITY ENGAGEMENT**

1. Title of the Project :

Organic Farming in Achint kot village .

2. Details of Participant(s) :

Sl. NO.	Unique ID	Name of the participant	Programme of study	Email ID	Mobile No.
1	VC011490	Ani A	M.Sc Mathematics	animariathangam@gmail.com	8903485410
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3	VC011486	Karmel Sini Veni M	M.Sc Mathematics	siniveni12@gmail.com	9442235341
4	VC011488	Linin Sheena S	M.Sc Mathematics	lininsheena99@gmail.com	9344759512
5	VC011477	Mymoon Shadhiya S	M.Sc Mathematics	Shahulhameeds1966@gmail.com	9486362642

3. UBA theme for Project Work :

Organic Farming

4. SGDs to be achieved :

- i) Good health & Well-being
- ii) Decent work & economic growth
- iii) Responsible consumption & production

5. Background of the study :

- i) This paper investigates the merits and demerits in Organic Farming.
- ii) Also the economic point of view has been concentrated to develop Organic Farming.

6. Objectives of the study :

i) To find out the impacts faced by people in implementing Organic Farming.

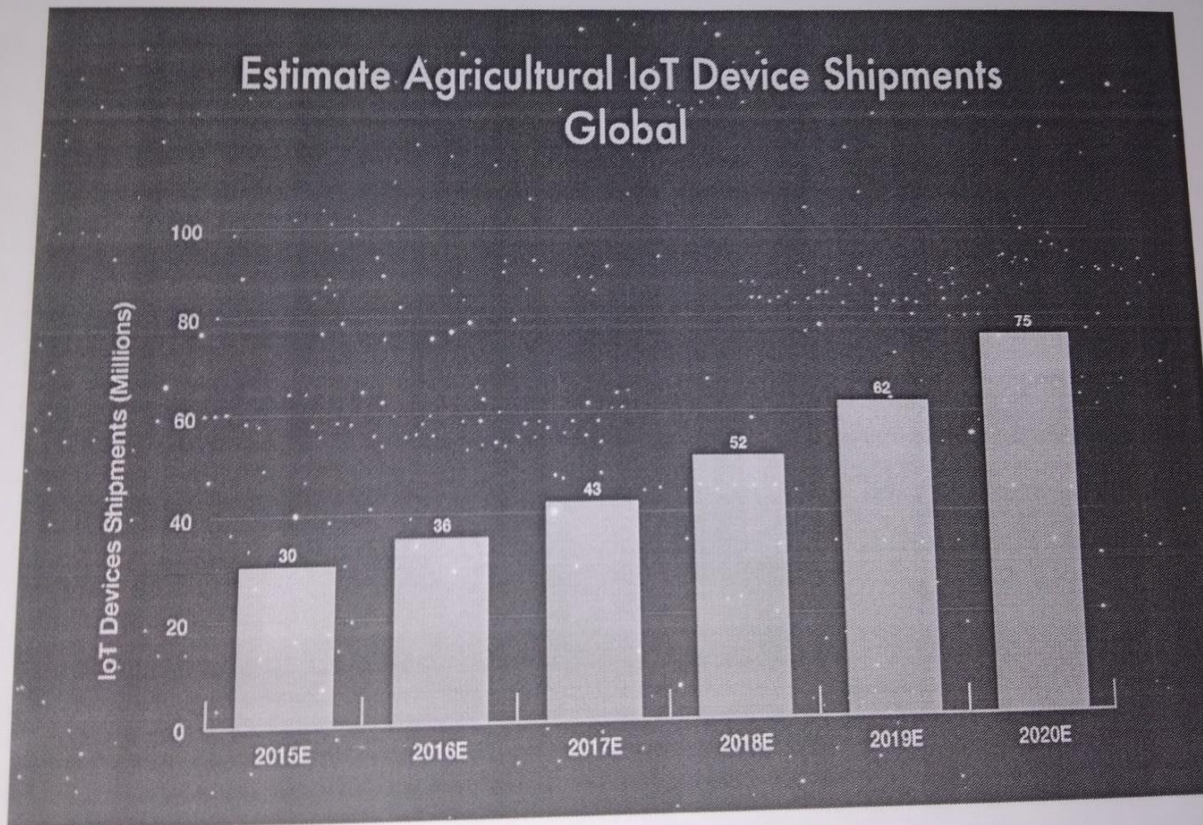
ii) To solve out the problems and help to improve the economical status of those people.

7. Methodology of the study :

Through the survey conducted by last year as well as through online mode.

8. Major Findings :

Survey details collected from internet sources :



9. Suggestions / Recommendations :

Making aware of farmers about the helpful resources including online webinars, workshops and certificate programs of Organic Farming.

10. Impacts of this work on learning of students/teachers :

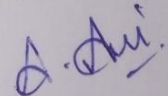
- i) It improved well organised and educationally valid red world experience for us.
- ii) Enhanced our learning by joining theory with experience and thought with action.
- iii) Improved social responsibility and citizenship skills.
- iv) It gave us a wonderful chance to be in community participation after college also.
- v) Improved ability to understand complexity and ambiguity.

DECLARATION

We declare that the project work is original and carried out by us under the guidance of **Ms. A. Jancy Vini, M.Sc., M.Phil., SET**. The project has not been submitted elsewhere for the award of any degree and the work is genuine.

Signatures

Ani A



Jenisha J *J. Jenisha*

Karmel Sini Veni M *Karmelsini veni*

Linin Sheena S *Linin Sheena S*

Mymoon Shadhiya S
S. Mymoon Shadhiya

Details of Project Supervisor

Name of the Project Supervisor : Ms.A.Jancy Vini
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AISHE code of the Participating Institute : C-41177
Name of the Regional Coordinating Institute of UBA: Gandhigram University

CERTIFICATE

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[Signature]
Dr. A. JANCY VINI,

Signature of the Project Supervisor
Holy Cross College
Nagercoil - 629 004
A. Jancy Vini

**Project Report for
Virtual Internship Programme on Sustainable
Development Goals and Community Engagement**

1. Title of the Project :

Consumer perception on renewable energy

(PLACE: KURUSADY)

2. Details of Participant(s) :

Sl. No.	Unique ID	Name of the participant	Programme of study	Email ID	Mobile No.
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2	VC011484	P.ANTONY SWETHA	M.Sc Mathematics	antonyswetha2000@gmail.com	9655132751
3	VC011473	A.APILA	M.Sc Mathematics	apiladhas@gmail.com	7708909155
4	VC011470	H.GABRILLA SABADINI	M.Sc Mathematics	gabrillasabadini@gmail.com	7871122033
5	VC011478	B.PRIMMIYA	M.Sc Mathematics	primmiya16@gmail.com	8903384742

3. UBA theme for Project Work :

RENEWABLE ENERGY

Renewable energy is often referred to as clean energy, comes from natural sources or processes that are constantly replenished. For example, sunlight or wind keep shining and blowing, even if their availability depends on time and weather. Indian renewable energy sector is the fourth most attractive renewable energy market in the world. India was ranked fifth in wind power and solar power and fourth in renewable power installed capacity. Renewable resources are increasingly innovative and less-expensive to capture and retain wind and solar energy and they are becoming a more important power source. The expansion of the renewables are done in large and small areas, from rooftop solar panels on homes to giant offshore wind farms. Even some entire rural communities depends on these energies for heating. And the major known renewable energy types are as follow,

Solar energy: It is the radiant light and heat from the sun that is harnessed using a range of ever-evolving technologies such as solar heating, solar thermal energy etc.

Wind energy: It describes the process by which wind is used to generate electricity. Wind turbines convert the kinetic energy in the wind into mechanical power.

Hydro energy: It is the use of falling or fast-running water to produce electricity or to power machines. This is achieved by converting the gravitational potential or kinetic energy of a water source to produce electrical or mechanical power.

Biogas: It is a renewable fuel produced by the breakdown of organic matter such as food scraps and animal wastes. It can be used in a variety of ways such as fuel for vehicle, heating and electricity generation.

Geothermal energy: It is the heat within the earth. It is a renewable resource because heat is continuously produced inside the earth. People use geothermal heat to heat buildings, to generate electricity etc.

DECLARATION

We declare that the project work is original and carried out by me under the guidance of Dr. Jancy Vini . The project work has not been submitted elsewhere for the award of any degree and the work is genuine.

Signature(s)

A.Ani Ashka
P.Antony Swetha
A.Apila
H.Gabrilla Sabadini
B.Primmiya

Details of Project Supervisor

Name of the Project Supervisor : Dr. Jancy Vini

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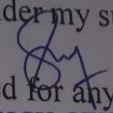
AISHE code of the Participating Institute: C-41177

Name of the Regional Coordinating Institute of UBA: The Gandhigram

Rural Institute

CERTIFICATE

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**Dr. A. JANCY VINI, M.Sc., M.Phil.,
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**Asst. Professor, Dept. of Mathematics
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Nagercoil - 629 004**

Signature of the Project Supervisor

Dr. Jancy Vini

**Project Report for
Virtual Internship Programme on Sustainable
Development Goals and
Community Engagement**

1. Title of the Project: Artisans, Industries and Livelihood in Thuckalay

2. Details of Participant(s):

Sl. No.	Unique ID	Name of the participant	Programme of study	Email ID	Mobile No.
1	VC011497	Asbel J Melgra	II MSc Mathematics (Aided)	asbelsajona5567@gmail.com	7904797390
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3	VC011540	J.R. Jiji	II MSc Mathematics (Aided)	j.jijijohnson@gmail.com	8903869377
4	VC011541	K. Jenitta	II MSc Mathematics (Aided)	jenitta922@gmail.com	6379026082
5	VC011542	A. Maria Agnes Jenifer	II MSc Mathematics (Aided)	agnesjenifer19@gmail.com	9025662653

3.UBA theme for Project Work:

(d) Artisans, Industries and Livelihood

4. SDGs to be achieved:

1. No poverty
2. Zero hunger
3. Good health & Well being
4. Gender equality
5. Decent work & economic growth
6. Industry, innovation and infrastructure
7. Reduced inequality
8. Partnerships to achieve the goal

5. Background of the study:

This project examines the role of artisans, their industries and their day to day life from Thuckalay in Kanyakumari district.

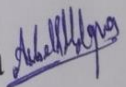
An artisan is a skill craft worker who makes or creates material objects partly or entirely by hand. During the middle age, the term 'artisans' was applied to those who made things or provided services. Artisans are the backbone of India's non-farm rural economy. The objects made by the artisans may be functional or decorative.


- We feel satisfied by participating in this programme and now we understood our role in the society.
- We are ready to put our effective role to improve outcomes in people's lives.
- It made us to fight for social change, human rights and also made a chance to pass on lessons learned through experiences.

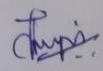
DECLARATION

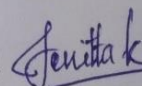
We declare that the project work is original and carried out by us under the guidance of Dr. Jancy Vini. The project work has not been submitted elsewhere for the award of any degree and the work is genuine.

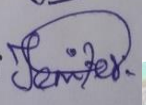
Signature(s)

Asbel J Melgra 

V.S. Jeba Shalini 

J.R. Jiji 

K. Jenitta 

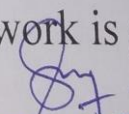
A. Maria Agnes Jenifer 

Details of Project Supervisor

Name of the Project Supervisor: Dr. Jancy Vini
Mobile number : 8056919276
Email ID : jancyvini@gmail.com
Name of the Participating Institute of UBA : Holy Cross College
AISHE code of the Participating Institute: C-41177
Name of the Regional Coordinating Institute of UBA:
The Gandhigram Rural Institute

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**Dr. A. JANCY VINI, M.Sc., M.Phil.,
SET, Ph.D.**
Asst. Professor, Dept. of Mathematics
Holy Cross College (Autonomous)
Nagercoil - 629 004

Signature of the Project Supervisor

Dr. Jancy Vini

DEPARTMENT OF MATHEMATICS (S.F)

**Performance for the Submission of Project Report for
Virtual Internship Programme on Sustainable
Development Goals and
Community Engagement**

1. Title of the Project:

Renewable Energy of costal village.

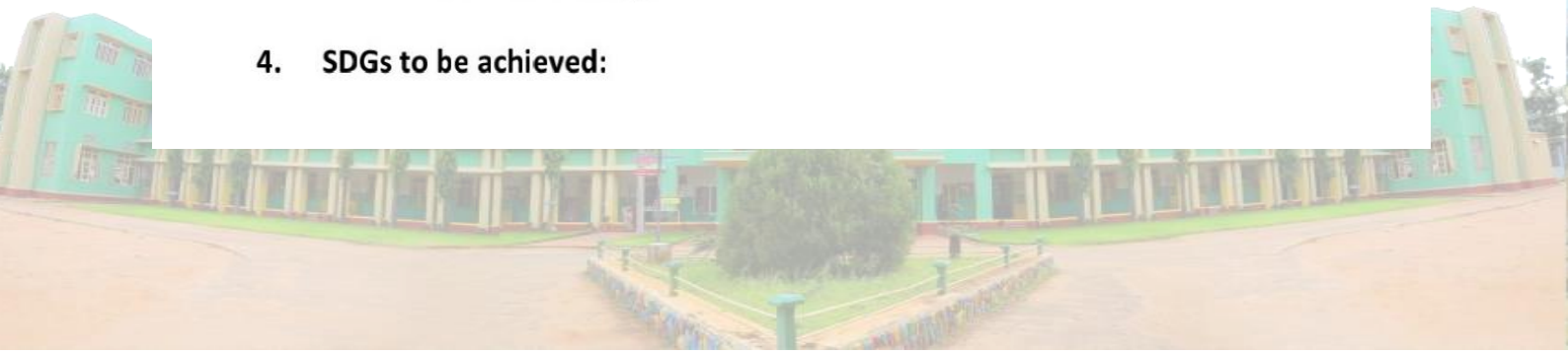
2. Details of Participant(s):

Sl. No	Unique No.	Name of the Participants	Programme of Study	Email ID	Mobile No.
1	VC011372	X.Alpiya salu susmi	2 nd M. Sc Mathematics	xaviersusmi01@gmail.com	6381071432
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3	VC011348	B.Darsini	2 nd M. Sc Mathematics	darsinibalakrishnan23@gmail.com	8428253268
4	VC011398	R.Michael Anto Beni	2 nd M. Sc Mathematics	michaelantobeni456@gmail.com	875465633
5	VC011386	J.Suviksha Aarthi	2 nd M. Sc Mathematics	avinsuvi@gmail.com	9445889317

3. UBA theme for Project Work:

Renewable Energy.

4. SDGs to be achieved:



NAAC V Cycle Self Study Report (SSR)

DECLARATION

I / We declare that the project work is original and carried out by me / us under the guidance of C. Joselin Jenisha. The project work has not been submitted elsewhere for the award of any degree and the work is genuine.

X. Alipiya Salu Susmi

J.Arockia Abisha

B.Darsini

R.Michael Anto Beni

J.Suviksha Arthi

Details of Project Supervisor

Name of the Project Supervisor : C.Joselin Jenisha
Mobile number : 9488442901
Email ID : cjjjenisha@gmail.com
Area of specialization : Graph theory
Name of the Participating Institute of UBA : Holy Cross College,
Nagercoil. AISHE code of the Participating Institute : C-41177
Name of the Regional Coordinating Institute of UBA : Gandhigram University

CERTIFICATE

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Signature of the Project Supervisor

C.Joselin Jenisha

Department of Mathematics (S.F.)
Holy Cross College (Autonomous)
Nagercoil - 629 004.



PERFORMANCE FOR THE SUBMISSION OF PROJECT REPORT FOR VIRTUAL INTERNSHIP PROGRAMME ON SUSTAINABLE DEVELOPMENT GOALS AND COMMUNITY ENGAGEMENT.

1. Title of the project:

Water management in Thuckalay Block

2. Details of participants:

i. VC011363

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II M.Sc. Mathematics

rcbitty932000@gmail.com

ii. VC011357

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iii. VC011376

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II M.Sc. Mathematics

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iv. VC011466

M.L.ASVITHA

II M.Sc. Mathematics

asvithamylode@gmail.com



v. VC011367

V.RUPAL

II M.Sc. Mathematics

rupalshali1510@gmail.com

3. UBA theme for project work:

Water management

4. SDGS to be achieved:

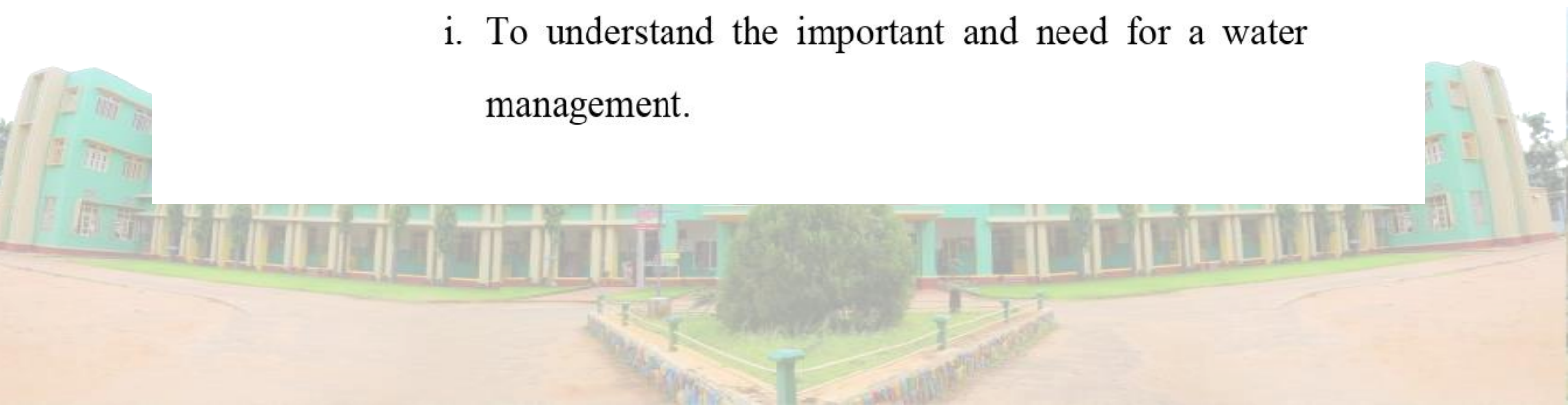
- i. Clean water and sanitation
- ii. Life below water
- iii. Climate action

5. Background of study:

Water is a basic essential thing which human cannot live without water scarcity can be a result of 2 mechanisms: physical (absolute) water scarcity and economic water scarcity. Physical water scarcity is a result of inadequate natural water resources to supply a region's demand and economic water scarcity is a result of poor management of the sufficient available water. Nowadays in both the ways water scarcity is increasing, so there is a urgent need to do water management. Good water management results in maximizing efficient beneficial use.

6. Objectives of the study:

- i. To understand the important and need for a water management.



NAAC V Cycle Self Study Report (SSR)

DECLARATION

We declare that the project work is original and carried out by us under the guidance of V. PRINCY KALA. The project work has not been submitted elsewhere for the award of any degree and the work is genuine.

R.C.BITTY
M.BRILIYA
A.SHAJILA
M.L.ASVITHA
V.RUPAL

DETAILS OF PROJECT SUPERVISOR

Name of the Project Supervisor : V.Princy Kala
Mobile number : 9626150978
Email ID : princykala@holycrossngl.edu.in
Area of specialization : Graph Theory
Name of the Participating Institute of UBA : Holy Cross College
AISHE code of the Participating Institute : C-41177
Name of the Regional Coordinating Institute of UBA : Gandhigram university

CERTIFICATE

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Signature of the Project Supervisor

V. Princy kala
Department of Mathematics (S.F.)
Holy Cross College (Autonomous)
Nagercoil - 629 004.

**Proforma for the Submission of Project Report for
Virtual Internship Programme on Sustainable Development Goals and
Community Engagement**

1. Title of the Project : Basic Amenities

2. Details of Participant(s) :

Sl. No.	Unique ID	Name of the participant	Programme of study	Email ID	Mobile No.
1	VC011358	S.Agnes Jeni	II M.sc. Mathematics	giniidhas.2014 @gmail.com	9500284118
2	VC011375	J.H.Aiswar ya	II M.sc. Mathematics	aishujothish@g mail.com	6381638576
3	VC011502	A. Fathima Natheera	II M.sc. Mathematics	fathiinathee24@ gmail.com	9789623632
4	VC011377	V. Jibi	II M.sc. Mathematics	jibivences@gma il.com	9384397225
5	VC011350	Rubiya. S	II M.sc. Mathematics	rubiyaselvakum ar@gmail.com	8610984350

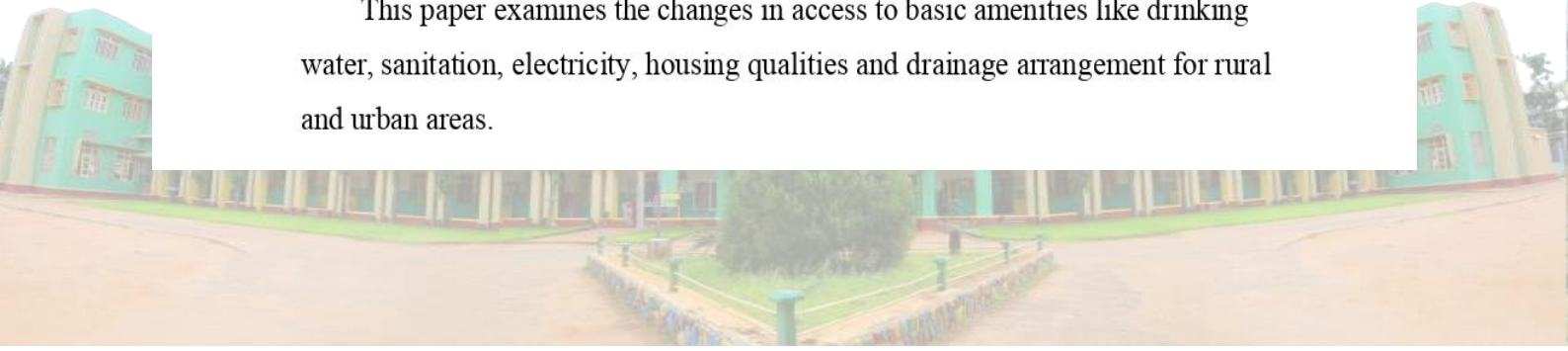
3. UBA theme for Project Work : Basic Amenities.

4. SDGs to be achieved :

- | | |
|-------------------------------|---|
| i. No poverty | vii. Decent work & economic growth |
| ii. Zero hunger | viii. Industry, innovation and infrastructure |
| iii. Good health & Well-being | ix. Life below water |
| iv. Quality education | x. Life on land |
| v. Clean water and sanitation | |
| vi. Affordable & clean energy | |

5. Background of the study :

This paper examines the changes in access to basic amenities like drinking water, sanitation, electricity, housing qualities and drainage arrangement for rural and urban areas.



NAAC V Cycle Self Study Report (SSR)

Length of internal roads (inside village/hamlets)	0	0.5	0.5
What is the mode of transport available?	Bus		
Frequency of the available mode of transport	Frequent		
Bus Stop	yes	3	
Veterinary Care Centre	no		5
Sports Facility/Grounds	yes	1	
Number of common sanitation complexes			

7. Suggestions / Recommendations :

- The road is to drive to avoid accidents or harm 2 other road users
- Getting enough water every day is important for our health, drinkingwater can prevent dehydration.

8. Impact of this work on learning of students/teachers:

- Improved social responsibility and citizenship skills.
- Improved ability to understand complexity and ambiguity.
- It it gave as a wonderful chance to be in community participation after collegealso.

DECLARATION

I / We declare that the project work is original and carried out by me / us under the guidance of Mrs.V.Princy Kala. The project work has not been submitted elsewhere forthe award of any degree and the work is genuine.

S. Agnes Jeni



NAAC V Cycle Self Study Report (SSR)

J. H. Aishwarya

A. Fathima Natheera

V. Jibi

S. Rubiya

Details of Project Supervisor

Name of the Project Supervisor : V. Princy Kala
Mobile number :9626150978
Email ID :princykala@holycrossngl.edu.in
Area of specialization :Graph theory
Name of the Participating Institute of UBA:Holy Cross College, Nagercoil.
AISHE code of the Participating Institute : C-41177
Name of the Regional Coordinating Institute of UBA:Gandhigram University

CERTIFICATE

This is to certify that the project has been carried out under my supervision and guidance. The project report has not been submitted for any other title / award and the work is genuine.



Signature of the Project Supervisor

**Department of Mathematics (S.F.)
Holy Cross College (Autonomous)
Nagercoil - 629 004.**



**PERFORMANCE FOR THE SUBMISSION OF PROJECT REPORT
FOR VIRTUAL INTERNSHIP PROGRAMME ON SUSTAINABLE
DEVELOPMENT GOALS AND COMMUNITY ENGAGEMENT.**

1.Title of the project:

Artisans, livelihood and industry of coastal village-pozhikkarai.

2.Details of participants:

- i. VC011359
P.ANNIE RISHIKA
II M . Sc Mathematics
annierishikash@gmail.com
9385780598
- ii. VC011424
A.ACHSHA SHAKEENA
II M . Sc Mathematics
achshashakeena@gmail.com
8903060706
- iii. VC011349
R.L.DELPHIN JISHA
II M . Sc Mathematics
rldelphin2000@gmail.com
9994970874
- iv. VC011391
C.LYDIA
II M . Sc Mathematics
carmellydia1999@gmail.com
7598959163
- v. VC011382
B.ANTONY JOTHIKA
II M . Sc Mathematics
antojothika@gmail.com
6374014215



NAAC V Cycle Self Study Report (SSR)

DECLARATION

We declare that the project work is original and carried out by us under the guidance of Mrs.V.Princy kala. The project work has not been submitted elsewhere for the award of any degree and the work is genuine.

P.Annie Rishika
A.Achsha Shakeena
R.L .Delphin Jisha
C.Lydia
B.Antony Jothika

Details of Project Supervisor

Name of the Project Supervisor : Mrs.V.Princy Kala
Mobile number : 9626150978
Email ID : princykala@holycrossngl.edu.in
Area of specialization : Graph Theory
Name of the Participating Institute of UBA : Holy Cross College
AISHE code of the Participating Institute : C-41177
Name of the Regional Coordinating Institute of UBA: Gandhigram university

CERTIFICATE

This is to certify that the project has been carried out under my supervision and guidance .
The project report has not been submitted for any other title / award and the work is genuine .


Signature of the Project Supervisor

V.Princy Kala
Department of Mathematics (S.F.)
Holy Cross College (Autonomous)
Nagercoil - 629 004.

**Proforma for the Submission of Project Report for
Virtual Internship Programme on Sustainable Development Goals and
Community Engagement**

1. Title of the Project : Organic farming

2. Details of Participant(s) :

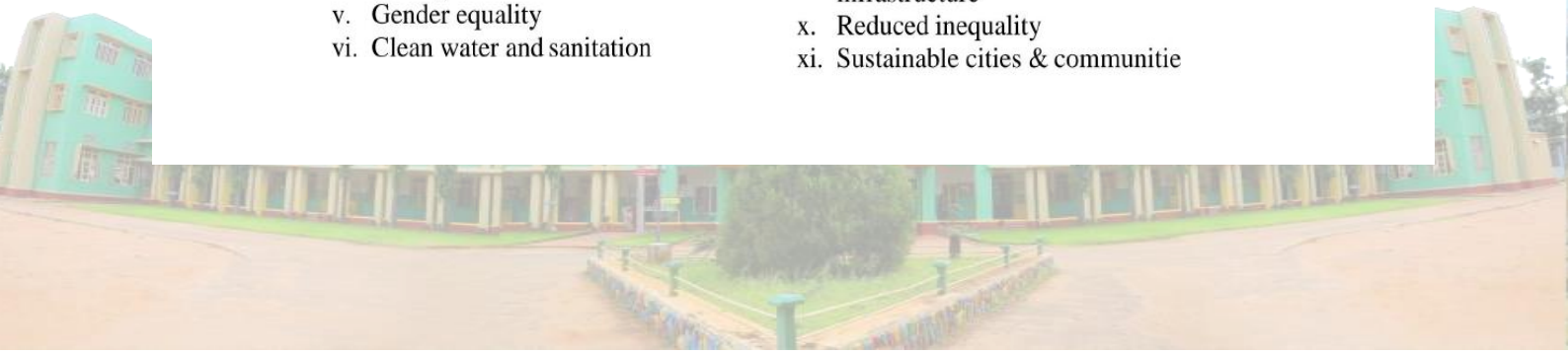
Sl. No.	Unique ID	Name of the participant	Programme of study	Email ID	Mobile No.
1	VC011422	J.Alex Roch Premika	II Msc Mathematics	Premikajustin21@gmail.com	8754902969
2	VC011395	B.Iswarya Devi	II Msc Mathematics	iswaryadevibasker@gmail.com	7708942604
3	VC011383	J.M.Asha gold	II Msc Mathematics	ashajeyaraj8@gmail.com	8220740872
4	VC011419	A.Anusha	II Msc Mathematics	anusharaj726@gmail.com	6374689331
5	VC011427	P.Bikinsha	II Msc Mathematics	bikinsha99@gmail.com	7708925435

3. UBA theme for Project Work : Organic Farming

- | | |
|----------------------|---|
| (a) Organic Farming | (d) Water management |
| (b) Renewable energy | (e) Artisans, industries and livelihood |
| (c) Basic amenities | (f) Convergence |

4. SDGs to be achieved : Good health and well-being

- | | |
|--------------------------------|---|
| i. No poverty | vii. Affordable & clean energy |
| ii. Zero hunger | viii. Decent work & economic growth |
| iii. Good health & Well-being | ix. Industry, innovation and infrastructure |
| iv. Quality education | x. Reduced inequality |
| v. Gender equality | xi. Sustainable cities & communities |
| vi. Clean water and sanitation | |



NAAC V Cycle Self Study Report (SSR)

DECLARATION

I / We declare that the project work is original and carried out by me / us under the guidance of **C. Joselin Jenisha**. The project work has not been submitted elsewhere for the award of any degree and the work is genuine.

J.Alex Roch Premika

B.Iswarya Devi

J.M.Asha Gold

A.Anusha

P.Bikinsha

Details of Project Supervisor

Name of the Project Supervisor : C.Joselin Jenisha
Mobile number : 9488442901
Email ID : cjjenisha@gmail.com
Area of specialization : Graph theory
Name of the Participating Institute of UBA : Holy Cross College,
Nagercoil. AISHE code of the Participating Institute : C-41177
Name of the Regional Coordinating Institute of UBA : Gandhigram University

CERTIFICATE

This is to certify that the project has been carried out under my supervision and guidance. The project report has not been submitted for any other title / award and the work is genuine.



Signature of the Project Supervisor

Department of Mathematics (S.F.)

Holy Cross College (Autonomous)

Nagercoil - 629 004.



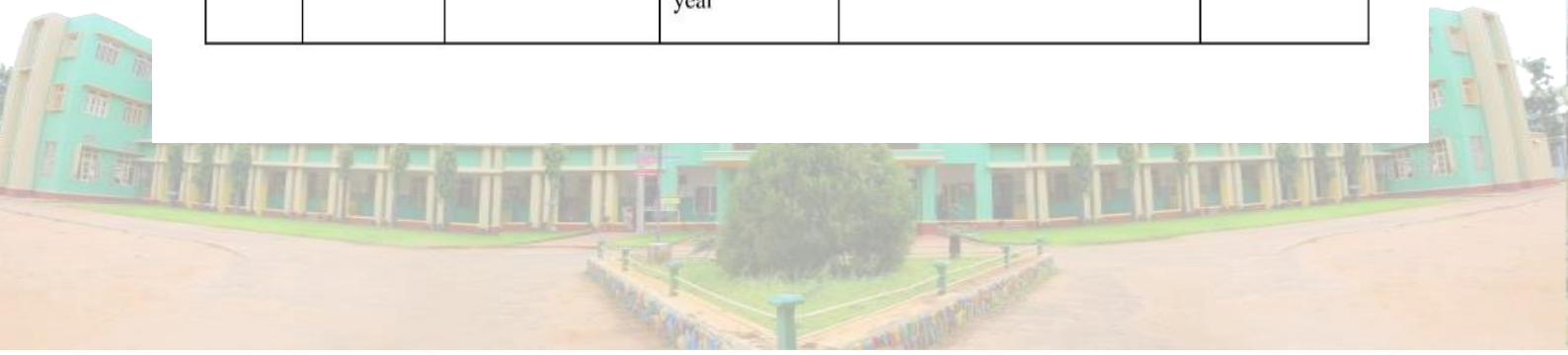
DEPARTMENT OF PHYSICS

**Proforma for the Submission of Project Report for
Virtual Internship Programme on Sustainable Development Goals and
Community Engagement**

1. Title of the Project : **Empowering Uneducated Women as Artisans**

2. Details of Participants :

Sl. No.	Unique ID	Name of the participant	Programme of study	Email ID	Mobile No.
1	VC011426	ABISHA R	M.Sc. Physics II year	abisharj31@gmail.com	7598441871
2	VC011256	ANCY AGALYA.D.G	M.Sc. Physics II year	ancyagalya29@gmail.com	9385828933
3	VC011346	ANGEL CHANDRIKA.J	M.Sc.Physics II year	yaffaangel21@gmail.com	9092633060
4	VC011438	ANU GAYATHRI.R	M.Sc.Physics II year	anugayathrirengrarajan@gmail.com	9360241085
5	VC011421	ASHA RANLA	M.Sc.Physics, II year	asharanikurusady@gmail.com	9384988708
6	VC001417	ABARNADEVI S S	B.Sc.Physics, II year	abarnadeviss2003@gmail.com	9345812098
7	VC0011544	ASMITHAROSE.T	B.Sc.Physics,II year	Asmitharose4@gmail.com	7598268092
8	VC011368	BLESSIKA.J	B.Sc.Physics, II year	Blessika2002@gmail.com	6384842707
9	VC011420	RANJANA.S.R	B.Sc.Physics, II year	Srranjana2003@gmail.com	9629362348
10	VC011255	SIFANA.H	B.Sc.Physics, II year	sifanahowth@gmail.com	7010892061



DECLARATION

We declare that the project work is original and carried out by me / us under the guidance of **Empowering Uneducated Women as Artisans**. The project work has not been submitted elsewhere for the award of any degree and the work is genuine.

ANGEL CHANDRIKA.J
ANU GAYATHRI.R
ASHA RANLA
ABARNADEVI S S
ASMITHAROSE.T
BLESIKA.J
RANJANA.S. R
SIFANA.H

Signature(s)

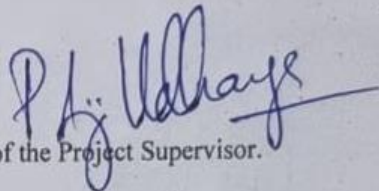
Angel
Anugayathri
Asha Ranla
Abarna
Asmitha
Blessika
Ranjana
Sifana

Details of Project Supervisor

Name of the Project Supervisor : Ms. P. Aji Udhaya
Mobile number : 8300019316
Email ID : ajiudhaya@holycrossngl.edu.in
Area of specialization : Nanotechnology and Entrepreneurship
Name of the Participating Institute of UBA: Holy Cross College, Nagercoil.
AISHE code of the Participating Institute: C-41177
Name of the Regional Coordinating Institute of UBA: Gandigram Rural Institution, Dindugal

CERTIFICATE

This is to certify that the project has been carried out under my supervision and guidance. The project report has not been submitted for any other title / award and the work is genuine.


Signature of the Project Supervisor.



Proforma for the Submission of Project Report for
Virtual Internship Programme on Sustainable Development Goals and
Community Engagement

1. Title of the Project: Liquid Waste Management

2. Details of Participants:

Sl. No.	Unique ID	Name of the participant	Programme of study	Email ID	Mobile No.
1	VC011317	JEWINCY. S. RAJ	M.Sc. Physics, II year	jewincysr@gmail.com	7708202032
2	VC011402	MERISHA.M	M.Sc. Physics, II year	mmerisha02@gmail.com	9677918285
3	VC011385	J. NISHA	M.Sc. Physics, II year	nishajsekar@gmail.com	9600889256
4	VC011324	PRIYA.R	M.Sc. Physics, II year	priyarajamani2205@gmail.com	9789138283
5	VC011361	RUMISHA.K	M.Sc. Physics, II year	rumisharumisha5@gmail.com	8870406569
6	VC011341	J. MARY ASHA	B.Sc. Physics, II year	ashajas31@gmail.com	8220721949

3. UBA theme for Project Work: (b) Water management

4. SDGs to be achieved: xi. Sustainable cities & communities

5. Background of the study: Rural development based on saving water.



6. Objective of the study: To save water for further uses.
7. Methodology adopted: Review on the village.
8. Major findings: People are not in the knowledge to save water for future use.
9. Suggestions/Recommendations: The rain water harvesting method can be constructed on the required villages to save water for their further use.
10. Impact of this work on learning of students/teachers: We got aware on saving water.

DECLARATION

We declare that the project work is original and carried out by us under the guidance of Dr. S. Sebastiammal. The project work has not been submitted elsewhere for the award of degree and the work is genuine.

S. Sebastiammal
Signatures

Details of Project Supervisor

Name of the Project Supervisor : Dr. S. Sebastiammal, M.Sc., M.Phil., Ph.D.,
Mobile number : 8300677985
Email ID : sebastiscc@gmail.com
Area of specialization : Biomaterials
Name of the Participating Institute of UBA : Holy Cross College (Autonomous), Nagercoil.
AISHE code of the Participating Institute : C-41177
Name of the Regional Coordinating Institute of UBA : Gandigram Rural Institution, Dindugal

CERTIFICATE

This is to certify that the project has been carried out under my supervision and guidance. The project report has not been submitted for any other title/award and the work is genuine.

S. Sebastiammal
Signature of the Project Supervisor

**Proforma for the Submission of Project Report for
Virtual Internship Programme on Sustainable Development Goals and
Community Engagement**

1. Title of the Project : Rural Infrastructure

2. Details of Participant(s) :

Sl. No.	Unique ID	Name of the participant	Programme of study	Email ID	Mobile No.
1.	VC011304	Ashika.M	M.Sc Physics,IIyear	akihsa119@gmail.com	7598200975
2.	VC011312	Bernet Shano.L	M.Sc Physics,IIyear	bernetshanoliya@gmail.com	8778580986
3.	VC011406	Blessing Shaba.S	M.Sc Physics,IIyear	blessingshaba7@gmail.com	8300609719
4.	VC011409	Blessy Nirupa	M.Sc Physics,IIyear	blessynirupa@gmail.com	7868096332
5.	VC011319	Catherin Siena	M.Sc Physics,IIyear	sienacatherin07@gmail.com	9487955232

3. UBA theme for Project Work : (e) Basic amenities.

4. SDG 's to be achieved :

iii. Good Health & Well being

viii. Decent Work & Economic Growth

ix. Industry, Innovation and Infrastructure



NAAC V Cycle Self Study Report (SSR)

5. Background of the study : The number of new cancer cases in kanyakumari district is increasing every year and is mostly from rural areas. The people who are in need of treatment are travelling to the neighbouring state of Kerala. So it is an urgent need to have a cancer centre nearby.

6. Objectives of the study : To provide a good Health care to the rural people who are economically backward.

7. Methodology adopted : Statistical Analysis of cancer affected people in rural areas.

8. Major findings : Death rates due to cancer are higher in rural areas when compared to urban areas but there is a lack of even a primary health centre.

9. Suggestions / Recommendations: As the rural people are economically backward, they are unable to spend huge amount for treatment. Thus there is a need for a Cancer Research Institute in Kanyakumari.

10. Impact of this work on learning of students/teachers: We become to make some aware against cancer.

DECLARATION



NAAC V Cycle Self Study Report (SSR)

I / We declare that the project work is original and carried out by me / us under the guidance of **Dr.Lesly Fathima, Ph.D.** . The project work has not been submitted elsewhere for the award of any degree and the work is genuine.



Signature(s)

Details of Project Supervisor

Name of the Project Supervisor : **Dr.Lesly Fathima, Ph.D.**

Mobile number :7598473275

Email ID : leslysat@gmail.com

Area of specialization : Condensed Matter Physics

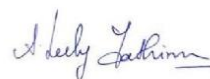
Name of the Participating Institute of UBA: Holy Cross College(Autonomous), Nagercoi

AISHE code of the Participating Institute: C- 41177

Name of the Regional Coordinating Institute of UBA:Gandhigram Institute

CERTIFICATE

This is to certify that the project has been carried out under my supervision and guidance. The project report has not been submitted for any other title / award and the work is genuine.



Signature of the Project Supervisor

**STATISTICAL ANALYSIS OF CANCER AFFECTED PEOPLE IN THE RURAL AREA
FOR SETTING UP THE PRIMARY HEALTH CENTRE**



Proforma for the Submission of Project Report for
Virtual Internship Programme on Sustainable Development Goals and
Community Engagement

1. Title of the Project: Sanitation and solid Waste Management
2. Details of Participants:

Sl. No.	Unique ID	Name of the participant	Programme of study	Email ID	Mobile No.
1	VC011320	Selva smily	M.Sc. Physics, II year	selvasmily01@gmail.com	9708202031
2	VC011412	Serin Banu	M.Sc. Physics, II year	serinbanuk@gmail.com	9677918274
3	VC011345	Shyju	M.Sc. Physics, II year	shyju1548@gmail.com	7600885656
4	VC011382	Sindhu	M.Sc. Physics, II year	sindhu205@gmail.com	8789138285
5	VC011371	Suni	M.Sc. Physics, II year	suni005@gmail.com	9870406559

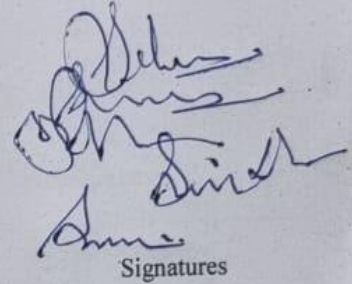
3. UBA theme for Project Work: Sanitation and solid Waste Management
4. SDGs to be achieved: xi. Sustainable cities & communities
5. Background of the study: Rural development based on waste management.



DECLARATION

We declare that the project work is original and carried out by us under the guidance of Ms. S. J. Jenepha Mary. The project work has not been submitted elsewhere for the award of degree and the work is genuine.

1. Selva Smily
2. Serin Banu
3. Shyju
4. Sindhu
5. Suni



Signatures

Details of Project Supervisor

Name of the Project Supervisor : Ms.S.J.Jenepha Mary, M.Sc.,

Mobile number : 9360657198

Email ID : jenifaashok@gmail.com

Area of specialization : Biomaterials

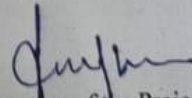
Name of the Participating Institute of UBA : Holy Cross College (Autonomous), Nagercoil.

AISHE code of the Participating Institute : C-41177

Name of the Regional Coordinating Institute of UBA : Gandigram Rural Institution, Dindugal

CERTIFICATE

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Signature of the Project Supervisor

NAAC V Cycle Self Study Report (SSR)

Proforma for the Submission of Project Report for
Virtual Internship Programme on Sustainable Development Goals and
Community Engagement

1. Title of the Project : Water Resource Management in Annainagar
2. Details of Participant(s) :

S.NO	UNIQUE ID	NAME OF THE PARTICIPANT	PROGRAM OF STUDY	EMAIL ID	MOBILE NO
1	VC011309	JANASWIN.I	II.M.Sc.Physics	janaswin2000 @ gmail.com	9597788020
2	VC011387	SUNI.S.V	II.M.Sc.Physics	sunisv20@ gmail.com	8056358997
3	VC011352	SAKTHI.S	II.B.Sc.Physics	sakthisundar2001@gmail.com	6374498692
4	VC011448	VIMALA .J	II.B.Sc.Physics	jvimalavimala2003@gmail.com	6379950568
5	VC011431	JIJIJ.M	II.B.Sc.Physics	jiji170103 @ gmail.com	9345617377
6	VC011337	ABISHA.P	II.B.Sc.Physics	perumalabisha @ gmail.com	6374120013



DECLARATION:

We declare that the project work is original and carried out by us under the guidance of Assistant Professor: S.Virgin Jeba M.Sc.,B.ed.,MPhil.,SET(Phd).The project work has not been submitted elsewhere for the award of any degree and the work is genuine.

Project team members

Signature

JANASWIN.I

Janaswin

SUNI.S.V

Suni

SAKTHI.S

Sakthi

VIMALA.J

Vimala

JIJIJ.M

Jijij

ABISHA.P

Abisha

Details of project supervisor:

Name of the project supervisor

: Mrs.S.Virgin Jeba

M.Sc.,B.ed.,MPhil.,SET(Phd).

Mobile number

:9489324913

Email id

:virginjeba@holycrossngl.edu.in

Area of specialization

:Assistant Pofessor of Physics

Holy Cross College(Autonomous)

Nagercoil-4.

CERTIFICATE:

This is to certify that the project has been carried out under my supervision and guidance. The project report has not been submitted for any other title/award and the work is genuine.

S. Virgin Jela
Signature of Supervisor

DEPARTMENT OF CHEMISTRY

**COMMUNITY ENGAGEMENT COURSE
PROJECT SUBMITTED TO
HOLY CROSS COLLEGE (AUTONOMOUS)
(Affiliated to Manonmaniam Sundaranan University)**



**PG & RESEARCH DEPARTMENT OF CHEMISTRY
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL
NOVEMBER 2022**



CERTIFICATE

This is to certify that the project “Water resource Management” submitted by C.Abarna Josephin, P.Anees Asariga ,M.Annie Jenifer ,S.J.Anu Godlin,V.Ashmitha Mol, S.Goldin Sneha ,P.Hinduja ,S.Mickilda Eskalin is a bonafied project work done during 2022-2023 under my guidance and supervision and that the project has not previously formed on the basis for the award to the candidates of any Degree, Diploma or any other similar title.

Place: Nagercoil

Date: November 2022


Signature

(Mrs.Deva Vijila)



DEPARTMENT OF CHEMISTRY
HOLY CROSS COLLEGE (Autonomous)
NAGERCOIL - 67



DECLARATION

We hereby declare that this project report entitled “water Resource Management” is a bonafide record of work Professor of chemistry, Holy Cross College (Autonomous), Nagercoil and that it has not previously formed basis for any award of Degree, Diploma or any other title.

Name of the students

Signature

1. C.Abarna Josephin

C. Abarna Josephin

2. P.Anees Asariga

P. Anees Asariga

3. M.Annie Jenifer

M. Annie Jenifer

4. S.J.Anu Godlin

S. J. Anu

5. V.Ashmitha Mol

V. Ashmitha Mol

6. S.Goldin Sneha

S. Goldin Sneha

7. P.Hinduja

P. Hinduja

8. S.Mickilda Eskalin

S. Mickilda Eskalin



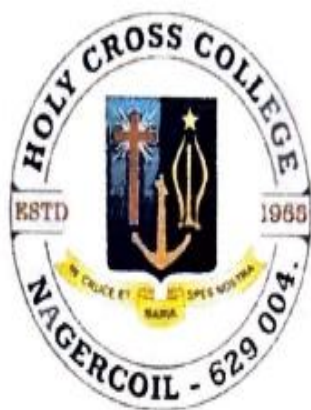
**WATER RESOURCE MANAGEMENT
IN ANNAI NAGER
(Nagercoil)**

DETAILS OF PARTICIPATION:

S. NO	REGISTER NO:	NAME OF THE PARTICIPANT	PROGRAMME OF THE STUDY	Mail ID	MOBILE NO
1.	2021SPG237	C.ABARNA JOSEPHIN	II M.Sc	abarnajosephin@gmail.com	9786579909
2.	2021SPG238	P.ANEES ASARIGA	II M.Sc	asarigalalitha99@gmail.com	9361765494
3.	2021SPG239	M. ANNIE JENIFER	II M. sc	aniejenifer31@gmail.com	6374171615
4.	2021SPG240	S.J. ANU GODLIN	II M. Sc	sjanugodlin@gmail.com	9791301372
5.	2021SPG241	V. ASHMITHA MOL	II M. Sc	ashmithajeena@gmail.com	8940636810
6.	2021SPG242	S. GOLDIN SNEHA	II M. Sc	goldinsneha@gmail.com	9003742847
7.	2021SPG241	P. HINDUJA	II M. Sc	Hindhuja1914@gmail.com	9025142872
8.	2021SPG244	S.MICKILDA ESKALIN	II M. Sc	mickildaeskalin@gmail.com	9941683788



COMMUNITY ENGAGEMENT COURSE
PROJECT SUBMITTED TO
HOLY CROSS COLLEGE (AUTONOMOUS)
(Affiliated to Manonmaniam Sundaranan University)



PG & RESEARCH DEPARTMENT OF CHEMISTRY
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL
NOVEMBER 2022



COMMUNITY ENGAGEMENT COURSE

Title of the Project: Water Resources Management.

Details of Participants:

SI No.	Name of the Participants	Programme of Study	Register Number
1.	N. Ancy Fello	II-M.Sc.Chemistry	2021SPG359
2.	F. D. Jerslin Fincy	II-M.Sc.Chemistry	2021SPG360
3.	G. Nanthana	II-M.Sc.Chemistry	2021SPG361
4.	C. Amala Preethi	II-M.Sc.Chemistry	2021SPG378
5.	A. Anto Nimisha	II-M.Sc.Chemistry	2021SPG379
6.	J. Femima Therese	II-M.Sc.Chemistry	2021SPG380
7.	L. Monica	II-M.Sc.Chemistry	2021SPG392
8.	Divya Peter	II-M.Sc.Chemistry	2021SPG406



CERTIFICATE

This is to certify that the project "Water Resources Management" submitted by F.D.Jerslin Fincy, G.Nanthana, C.Amala Preethi, A.Anto Nimisha, J.Femima Therese, L.Monica, Divya Peter is a bonafide project work done during 2022 – 2023 under my guidance and supervision and that the project has not previously formed the basis for the award to the candidates of any Degree, Diploma or any other similar title.

Place: Nagercoil.

Date :11.11.2022


Signature

(Mrs. L. Deva Vijila)


K. Alib



DECLARATION

We hereby declare that this project report entitled "Water Resources Management" is a bonafiede record of work done by as under the guidance of Mrs. L.Deva Vijila, Assistant Professor of Chemistry, Holy cross college(Autonomous), Nagercoil and that the project has not previously formed basis for any award of Degree, Diploma or any other title.

Name of the students

N. Ancy Fello

*Ancy fello. N
fincy*

F. D. Jerslin Fincy

G. Nanthana

G. Nanthana

C. Amala Preethi

Amala Preethi.

A.Anto Nimisha

Nimisha.

J. Femima Therese

J. Femima Therese

L. Monica

L. Monica

Divya Peter

Divya

Signature



DEPARTMENT OF BOTANY

HOLY CROSS COLLEGE (AUTONOMOUS), NAGERCOIL.

NATIONALLY RE-ACCREDITED WITH A+ NACC (CGPA 3.35)

AFFILIATED TO

MANONMANIAM SUNDARNAR UNIVERSITY, TIRUNELVELI.



**PROJECT REPORT FOR COMMUNITY ENGAGEMENT COURSE
REVITALIZING GRAPES: CRAFTING A REFRESHING BEVERAGE FROM VINE
TO GLASS**

Under the Guidance of

Dr. A.R. Florence M.Sc., B.Ed., M.Phil., Ph.D.

(Assistant Professor, Department of Botany)

Submitted by

M. BRINTHA THERES	(Reg. No. 2021SPB245)
V. DIVYA BHARATHI	(Reg. No. 2021SPB246)
J. JESLIN	(Reg. No. 2021SPB247)
M. MICHEAL SAHAYA VINSLET	(Reg. No. 2021SPB248)
M. PRICILDA	(Reg. No. 2021SPB249)
A. ABISHA	(Reg. No. 2021SPB381)
K. SNEAKA	(Reg. No. 2021SPB393)
R. NITHISHA	(Reg. No. 2021SPB417)



CERTIFICATE

This is to certify that the project work entitled “**REVITALIZING GRAPES: CRAFTING A REFRESHING BEVERAGE FROM VINE TO GLASS**” is the bonafide record of the group project work done by **M. BRINTHA THERES, V. DIVYA BHARATHI, J. JESLIN, M. MICHEAL SAHAYA VINSLET, M. PRICILDA, A. ABISHA, K. SNEAKA** and **R. NITHISHA** under my supervision and guidance during the academic year 2021-2022. I further certify that this project is true and original work of the candidates submitted in partial fulfillment of the requirement for the Degree of Master of Botany and has not been previously done by any other candidate for the award of any degree or diploma.

Place: Nagercoil

Date : 15.02.2022

Signature of the Staff incharge,

[Dr. A.R. Florence]

Head of the Department

[Dr. C. Jespin Ida]

Dr. A. ANAMI AUGUSTUS ARUL, M.Sc, M.Phil, Ph.D.
Assistant Professor and Head
Department of Botany
Holy Cross College (Autonomous)
Nagercoil-4.



DEPARTMENT OF ZOOLOGY

Conversion of kitchen waste into Biocompost for organic farming

*Project Report submitted for
Virtual Internship Programme on Sustainable Development Goals and
Community Engagement*

Submitted by

Tony Lesline R	- VC011279 II M.Sc Zoology
Tharshini M	- VC011310 II M.Sc Zoology
Princy Anusha V	- VC011291 II M.Sc Zoology
Agnel J	- VC011562 III B.Sc Zoology
Arul Selvan Arul Deepika	- VC011561 III B.Sc Zoology

Department of Zoology

Holy Cross College

Nagercoil

August 2021



DECLARATION

I / We declare that the project work is original and carried out by me / us under the guidance of **Dr. X. Venci Candida**, M.Sc., B.Ed., M.Phil, Ph.D, Assistant Professor of Zoology, Holy Cross College, Nagercoil. The project work has not been submitted elsewhere for the award of any degree and the work is genuine.

	Signature(s)
Tony Lesline R	<i>Tony Lesline R</i>
Tharshini M	<i>m. Tharshini</i>
Princy Anusha V	<i>V Princy Anusha</i>
Agnel J	<i>Agnel</i>
Arul Selvan Arul Deepika	<i>Arul</i>

Details of Project Supervisor

Name of the Project Supervisor : Dr. X. Venci Candida, M.Sc., B.Ed., M.Phil., Ph.D
Mobile number : 9047888558
Email ID : venciaugustine@gmail.com
Area of specialization : Environmental Studies
Name of the Participating Institute of UBA: Holy Cross College, Nagercoil- 629004.
AISHE code of the Participating Institute: C - 41177
Name of the Regional Coordinating Institute of UBA: Gandhigram Central University.



NAAC V Cycle Self Study Report (SSR)

DECLARATION

I / We declare that the project work is original and carried out by me / us under the guidance of **Dr. X. Venci Candida**, M.Sc., B.Ed., M.Phil, Ph.D, Assistant Professor of Zoology, Holy Cross College, Nagercoil. The project work has not been submitted elsewhere for the award of any degree and the work is genuine.

	Signature(s)
Tony Lesline R	<i>Tony Lesline R</i>
Tharshini M	<i>m. Tharshini</i>
Princy Anusha V	<i>V Princy Anusha</i>
Agnel J	<i>Agnel</i>
Arul Selvan Arul Deepika	<i>Arul</i>

Details of Project Supervisor

Name of the Project Supervisor : Dr. X. Venci Candida, M.Sc., B.Ed., M.Phil., Ph.D
Mobile number : 9047888558
Email ID : venciaugustine@gmail.com
Area of specialization : Environmental Studies
Name of the Participating Institute of UBA: Holy Cross College, Nagercoil- 629004.
AISHE code of the Participating Institute: C - 41177
Name of the Regional Coordinating Institute of UBA: Gandhigram Central University.

CERTIFICATE

This is to certify that the project has been carried out under my supervision and guidance. The project report has not been submitted for any other title / award and the work is genuine.

X. Venci Candida.

Signature of the Project Supervisor

Title of the Project

Conversion of kitchen waste into Biocompost for organic farming.

Details of Participant(s) :

Sl. No.	Unique ID	Name of the participant	Programme of study	Email ID	Mobile No.
1	VC011279	Tony Lesline R	II MSc Zoology	tony.lesline3@gmail.com	9384241280
2	VC011310	Tharshini M	II MSc Zoology	tharshini074@gmail.com	9384241280
3	VC011291	Princy Anusha V	II MSc Zoology	v.princyanusha@gmail.com	9585227904
4	VC011562	Agnel J	III BSc Zoology	jagnel515@gmail.com	9442083701
5	VC011561	Arul Selvan Arul Deepika	III BSc Zoology	deepuebi155@gmail.com	9597138266

UBA theme for Project Work

Organic farming

SDGs to be achieved

Responsible consumption and production

Background of the study

This study is based on the survey report taken from Kaattuvillai village, which is an adopted village of UBA, Holy Cross College, Nagercoil, Tamilnadu. Based on the survey report, this project is designed. We found that the kitchen waste is discarded from each home without proper knowledge. Kitchen waste is rich in organic matter. Hence awareness was given to the villagers and training/ demo was given to the villagers about converting kitchen waste into biocompost. Biocompost contain nutritious materials like protein, nitrogen, moisture, oxygen etc. They can be degraded with the help of microbes and convert into biocompost, a nutrient rich manure. This manure can be used to fertilize the kitchen garden and also profit can be achieved by selling the biocompost.

Proforma for the Submission of Project Report for
Virtual Internship Programme on Sustainable Development Goals and
Community Engagement

**TITLE OF THE PROJECT: USE OF COW DUNG IN BIOGAS PRODUCTION FOR
SUSTAINABLE DEVELOPMENT OF RURAL COMMUNITY**

**DEPARTMENT OF ZOOLOGY
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL
AUGUST, 2021**








NAAC V Cycle Self Study Report (SSR)

DECLARATION

We declare that the project work is original and carried out by us under the guidance of Dr. P.T. Arokya Glory. The project work has not been submitted elsewhere for the award of any degree and the work is genuine.

Signature(s)

A. Maria Antony Dominikal	
P. S. Mohamed Affra	
J. S. Sindhuja	
K. S. Sony	
T. B. Varsha	

Details of Project Supervisor

Name of the Project Supervisor : Dr. P.T. Arokya Glory
Mobile number : 9442370284
Email ID : arokyaglor@gmail.com
Area of specialization : Immunology
Name of the Participating Institute of UBA : Holy Cross College (Autonomous) Nagercoil
AISHE code of the Participating Institute : C-41177
Name of the Regional Coordinating Institute of UBA: Gandhigram Rural University

CERTIFICATE

This is to certify that the project has been carried out under my supervision and guidance. The project report has not been submitted for any other title / award and the work is genuine.



(P. T. AROKYA GLORY)
Signature of the Project Supervisor



Project Report for
Virtual Internship Programme on Sustainable Development Goals and
Community Engagement

1. Title of the Project : Rain Water Harvesting in the adopted village Kattu Vilai

2. Details of Participant(s) :

Sl. No.	Unique ID	Name of the participant	Programme of study	Email ID	Mobile No.
1	VC011302	Asha D.	M.Sc. Zoology	ashadavid1999@gmail.com	9361640512
2	VC011315	Karthika J.	M.Sc. Zoology	karthikajs20@gmail.com	9360306557
3	VC011332	Keerthi S.	M.Sc. Zoology	sarojkeerthimoni@gmail.com	6379210397
4	VC011286	Princy V.	M.Sc. Zoology	princyvargheese54@gmail.com	9022089739
5	VC011249	Sangeetha G.L.	M.Sc. Zoology	ganeshanlatha756@gmail.com	9600324756

3. UBA theme for Project Work : Water management

4. SDGs to be achieved : Clean water and sanitation & Responsible consumption and Production

5. Background of the study :

Water is precious, fundamental and the most essential substances required for the existence of life on earth. Water is found naturally, abundantly on our planet earth. About two-thirds of the total earth's surface is covered with water. It is a transparent, odourless and tasteless inorganic molecule composed of hydrogen and oxygen. The major sources of water for human use are lakes, rivers, ponds, stream, rain, well, borehole etc. Water is stored in various parts of the world but not evenly distributed all over the earth. It is said to be a universal solvent.

Water is a very important resource as it is used for different purposes: household uses including drinking, cooking, cleaning, washing, bathing and other purposes including irrigation for cultivating the crops, farm animals, industrial requirements and generating electricity. It is also used in transportation, tourism and recreation. Thus, water is required for many activities, therefore it is an essential element required for the continuity of life on the planet. All the living organisms require water for various biological processes and hence water is a necessary element for sustaining life on earth.

About two-thirds of the total earth's surface is covered with water, but only a small percentage (2 to 3 per cent) is suitable for human use. The other 99.7 per cent available are found in oceans, sea, and ground water, floating in the atmosphere and in icecaps. Even though about 71% of earth's surface is covered with water, most of this water is not fit for consumption. Freshwater is the only source of useful water which is present in very small quantity thus limiting the accessibility to potable water. Rainwater is an important source of fresh water. It needs to be harvested so that it can be put to use.

The water is circulating between water bodies like the ocean, rivers, ponds, lakes and land is called the water cycle. It is also known as the hydrologic cycle or the hydrological cycle. The process of the water cycle involves evaporation, condensation and precipitation. The precipitation can be in the form of rain, snow, hail. The rainwater falls on the ground will be

fic

References:

- <http://www.metturdiary.com/2018/06/methods-of-rainwater-harvesting-by-tamilnadu-government-method.html?m=1>
<https://theconstructor.org/water-resources/methods-rainwater-harvesting/5420>
<https://www.tn.gov.in/dtp/rainwater.htm>
https://www.google.com/amp/s/www.hindustantimes.com/india-news/govt-to-harvest-rainwater-on-rooftops-of-pmay-buildings/story-TDuauBSm9GUxJ25MyouG6K_amp.html

DECLARATION

We declare that the project work is original and carried out by us under the guidance of Dr. S. Mary Mettilda Bai – VCO11265. The project work has not been submitted elsewhere for the award of any degree and the work is genuine.

Signature(s)

VC011302	Asha D.	<i>Asha D.</i>
VC011315	Karthika J.	<i>J. Karthika</i>
VC011332	Keerthi S.	<i>Keerthi S.</i>
VC011286	Princy V.	<i>V. Princy</i>
VC011249	Sangeetha G.L.	<i>Sangeetha G.L.</i>

Details of Project Supervisor

Name of the Project Supervisor : Dr. S. Mary Mettilda Bai (VC011265)
Mobile number : 9442456591
Email ID : marymettildabai@holycrossngl.edu.in
Area of specialization : Zoology
Name of the Participating Institute of UBA: Holy Cross College
(Autonomous), Nagercoil, Tamil Nadu
AISHE code of the Participating Institute: C-41177
Name of the Regional Coordinating Institute of UBA: The Gandhigram Rural
Institute (Deemed To Be University), Dindigul.

CERTIFICATE

This is to certify that the project has been carried out under my supervision and guidance. The project report has not been submitted for any other title / award and the work is genuine.

S. Mary Mettilda Bai

Signature of the Project Supervisor
(Dr. S. Mary Mettilda Bai - VC011265)

NAAC V Cycle Self Study Report (SSR)

Proforma for the Submission of Project Report for Virtual Internship Programme on Sustainable Development Goals and Community Engagement

1. **Title of the Project** : JOURNEY TO SELF –SUFFICIENCY: AN ANALYSIS OF MOTIVATION LEVEL AND EMPLOYMENT HOPE OF WOMEN.

2. **Details of Participant(s)** :

Sl. No.	Unique ID	Name of the participant	Programme of study	Email ID	Mobile No.
1	VC011278	Anto Nisha.A	M.Sc.Zoology	a.antonisha2000@gmail.com	9791572127
2	VC011300	Jelin Beaula.J	M.Sc.Zoology	jelinbeaula@gmail.com	6381071705
3	VC011287	A.Saranya	M.Sc.Zoology	asaranya555@gmail.com	6369485372
4	VC011285	Jenisha Singh.J,	M.Sc.Zoology	singhjenisha1@gmail.com	6384225763
5	VCO11355	Sahaya Jeritta Paul	M.Sc.Zoology	sahayajeritta97@gmail.com	8667543060
6		Kavitha, G.L.	M.Sc.Zoology		

3. **UBA theme for Project Work** : Artisans, industries and livelihood

4. **SDGs to be achieved** : Zero hunger

5. **Background of the study** :

Prime Minister Narendra Modi's "aatmanirbhar" (self-reliant) vision will make the country prosperous and powerful. Union minister Nitin Gadkari said identifying rural economy and agriculture as the "main focus areas" for self-reliance and self sufficiency. Self-sufficiency is defined as a process which includes empowerment, autonomy and confidence. Rural women spend more time than urban women in household work; including time spent obtaining water and fuel, caring for children and the sick, and processing food. This is because of poor rural infrastructure and services as well as culturally assigned roles that severely limit women's participation in employment opportunities. This study utilizes

CERTIFICATE

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Signature of the Project Supervisor

DECLARATION

I / We declare that the project work is original and carried out by me / us under the guidance of Dr. F. Brisca Renuga. The project work has not been submitted elsewhere for the award of any degree and the work is genuine.

Signature(s)

A. Anto Nisha

Details of Project Supervisor

Name of the Project Supervisor : Dr. F. Brisca Renuga

Mobile number :9894965375

Email ID :brisren@gmail.com

Area of specialization :Livelihood

Name of the Participating Institute of UBA: Holy Cross College, Nagercoil


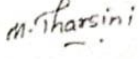
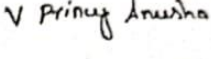


AISHE code of the Participating Institute:

Name of the Regional Coordinating Institute of UBA:



DECLARATION

I / We declare that the project work is original and carried out by me / us under the guidance of Dr. X. Venci Candida, M.Sc., B.Ed., M.Phil, Ph.D, Assistant Professor of Zoology, Holy Cross College, Nagercoil. The project work has not been submitted elsewhere for the award of any degree and the work is genuine.

	Signature(s)
Tony Lesline R	
Tharshini M	
Princy Anusha V	
Agnel J	
Arul Selvan Arul Deepika	

Details of Project Supervisor

Name of the Project Supervisor : Dr. X. Venci Candida, M.Sc., B.Ed., M.Phil., Ph.D
Mobile number : 9047888558
Email ID : venciaugustine@gmail.com
Area of specialization : Environmental Studies
Name of the Participating Institute of UBA: Holy Cross College, Nagercoil- 629004.
AISHE code of the Participating Institute: C - 41177
Name of the Regional Coordinating Institute of UBA: Gandhigram Central University.



Title of the Project

Conversion of kitchen waste into Biocompost for organic farming.

Details of Participant(s) :

Sl. No.	Unique ID	Name of the participant	Programme of study	Email ID	Mobile No.
1	VC011279	Tony Lesline R	II MSc Zoology	tony.lesline3@gmail.com	9384241280
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3	VC011291	Princy Anusha V	II MSc Zoology	v.princyanusha@gmail.com	9585227904
4	VC011562	Agnel J	III BSc Zoology	jagnel515@gmail.com	9442083701
5	VC011561	Arul Selvan Arul Deepika	III BSc Zoology	deepuebi155@gmail.com	9597138266

UBA theme for Project Work

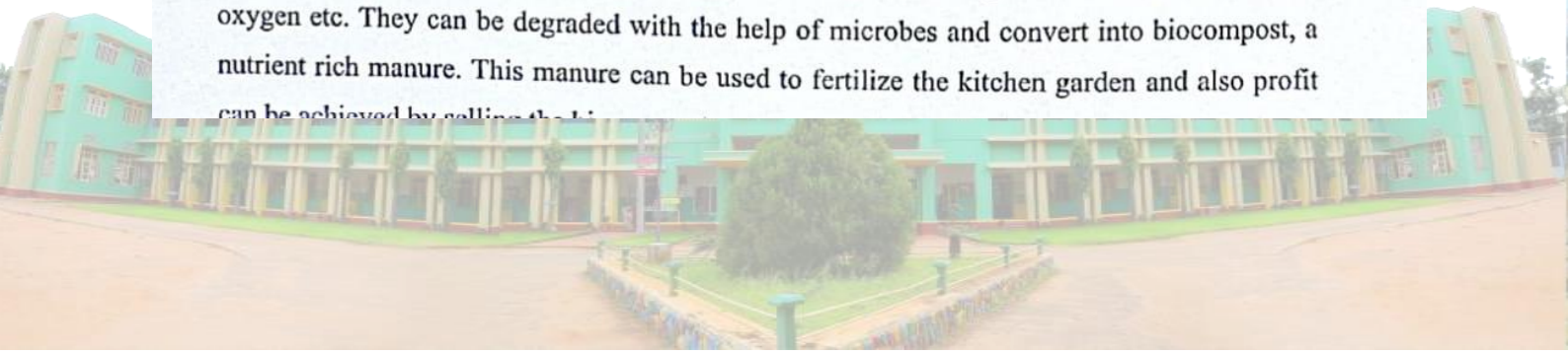
Organic farming

SDGs to be achieved

Responsible consumption and production

Background of the study

This study is based on the survey report taken from Kaattuvillai village, which is an adopted village of UBA, Holy Cross College, Nagercoil, Tamilnadu. Based on the survey report, this project is designed. We found that the kitchen waste is discarded from each home without proper knowledge. Kitchen waste is rich in organic matter. Hence awareness was given to the villagers and training/ demo was given to the villagers about converting kitchen waste into biocompost. Biocompost contain nutritious materials like protein, nitrogen, moisture, oxygen etc. They can be degraded with the help of microbes and convert into biocompost, a nutrient rich manure. This manure can be used to fertilize the kitchen garden and also profit can be achieved by selling the bi-



Conversion of kitchen waste into Biocompost for organic farming

*Project Report submitted for
Virtual Internship Programme on Sustainable Development Goals and
Community Engagement*

Submitted by

Tony Lesline R	- VC011279 II M.Sc Zoology
Tharshini M	- VC011310 II M.Sc Zoology
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Agnel J	- VC011562 III B.Sc Zoology
Arul Selvan Arul Deepika	- VC011561 III B.Sc Zoology

Department of Zoology

Holy Cross College

Nagercoil

August 2021

CERTIFICATE

This is to certify that the project has been carried out under my supervision and guidance. The project report has not been submitted for any other title / award and the work is genuine.

X. Veni Canaliola .

Signature of the Project Supervisor

DEPARTMENT OF ENGLISH

CERTIFICATE

This is to certify that the project has been carried out under my supervision and guidance.
This project work has not been submitted for any title / award and the work is genuine.


(Dr. Snow J. Sharmilla)

Details of Project Supervisor:

Name of the Project Supervisor : Dr. Snow J. Sharmilla
Mobile number : 9488572309
Email ID : snowjsharmilla@holycrossngl.edu.in
Area of specialization : Eco-cultural Studies
Name of the Participating Institute of UBA: Holy Cross College (Autonomous), Nagercoil
AISHE code of the Participating Institute : C-41177
Name of the Regional Coordinating Institute of UBA: Gandhigram Rural Institute, Dindugal,
Tamilnadu.

Details of UBA coordinator:

Name of the Regional Coordinating Institute of UBA: Gandhigram Rural Institute, Dindugal,
Tamilnadu.
Name of the Participating Institute of UBA: Holy Cross College (Autonomous), Nagercoil
AISHE code of the Participating Institute : C-41177
Name of the UBA coordinator : Dr. S. Panimaya Mercy
Mobile number : 9841608081
Email ID : panimayamercy@holycrossngl.edu.in


Signature of the Project Supervisor
Dr. SNOW J. SHARMILLA, M.A.M.Phil., Ph.D.
Assistant Professor
Department of English - Research Centre
Holy Cross College, Nagercoil



DECLARATION

We declare that the project work is original and carried out by us under the guidance of Dr. Snow J. Sharmilla. The project work has not been submitted elsewhere for the award of any degree and the work is genuine.


Signature

Details of Project Supervisor

Name of the Project Supervisor : Dr. Snow J. Sharmilla
Mobile number :9488572309
Email ID : snowjsharmilla@holycrossngl.edu.in
Area of specialization : Eco Studies

Name of the Participating Institute of UBA: Holy Cross College (Autonomous),
Nagercoil

AISHE code of the Participating Institute: C-41177

Name of the Regional Coordinating Institute of UBA: Gandhigram Rural Institute,
Dindugal, Tamilnadu.



NAAC V Cycle Self Study Report (SSR)

2021-2022

1) Title of the Project : **LIQUID WASTE MANAGEMENT**

2) Details of Participant(s) :

Sl. No	Unique ID	Name of the Participant	Programme of study	Email ID	Mobile No.
1	VC011318	Nathiya. N	II M.A. English	nathiyan97@gmail.com	6385721679
2	VC011326	Nisha. D	IIM.A.English	devanisha252@gmail.com	9488979060
3	VC011405	Prathisha. P. M	IIM.A.English	prathishaprem@gmail.com	8695189098
4	VC011313	Remsiya. R	IIM.A.English	remsiyar19@gmail.com	9943418693
5	VC011514	Renaiza Ann Joe. M	IIM.A.English	joerenaiza606@gmail.com	9159908583

3) UBA theme for Project Work : Water management

4) SDGs to be achieved : Good health and Well-being, Clean water and sanitation, Affordable and Clean energy, Decent work and economic growth, Life below water and Partnerships to achieve the goal.

5) Background of the study : The rural Community of Manakudi

6) Objectives of the study : To create awareness on Waste water management and to ensure clean waterways.

7) Methodology adopted : Evaluating the reliability of treatment processes and treatment facilities.

8) Major findings : The availability of drinking water and household waste collection system at door step is well managed.

9) Suggestions / Recommendations : Waterways should be cleaned and maintained properly to avoid transmission of diseases. There should be no sign of contaminated water and Stagnant water should be disposed to make sure of mosquito larvae. Industrial waters should be treated properly.

10) Impact of this work on learning of students/teachers: It created awareness on Waste water management and how consequences can be avoided if water is treated properly.

DECLARATION

I / We declare that the project work is original and carried out by me / us under the guidance of W. Fairly Jenifer. The project work has not been submitted elsewhere for the award of any degree and the work is genuine.



Signature(s)

Details of Project Supervisor

Name of the Project Supervisor : W. Fairly Jenifer
Mobile number : 9843159017
Email ID : *fairlyjenifer2017@gmail.com*
fairlyjenifer2017@gmail.com
Area of specialization : Eco Criticism
Name of the Participating Institute of UBA : Holy Cross College

(Autonomous), Nagercoil.

AISHE code of the Participating Institute : C-41177

Name of the Regional Coordinating Institute of UBA : Gandhigram

Rural Institute



CERTIFICATE

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Signature of the Project Supervisor

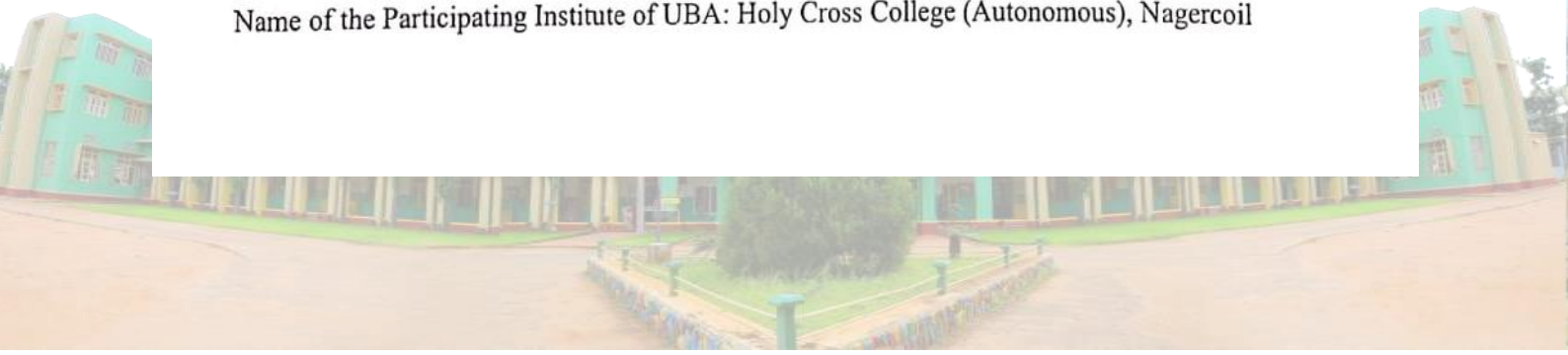
(Dr. Snow J. Sharmilla)

Details of Project Supervisor:

Name of the Project Supervisor : Dr. Snow J. Sharmilla
Mobile number : 9488572309
Email ID : snowjsharmilla@holycrossngl.edu.in
Area of specialization : Eco-cultural Studies
Name of the Participating Institute of UBA: Holy Cross College (Autonomous), Nagercoil
AISHE code of the Participating Institute : C-41177
Name of the Regional Coordinating Institute of UBA: Gandhigram Rural Institute, Dindugal,
Tamilnadu.

Details of UBA coordinator:

Name of the Regional Coordinating Institute of UBA: Gandhigram Rural Institute, Dindugal,
Tamilnadu.
Name of the Participating Institute of UBA: Holy Cross College (Autonomous), Nagercoil



DEPARTMENT OF ENGLISH S.F

Virtual Internship Programme on Sustainable Development Goals and
Community Engagement

Details of UBA coordinator

Name of the Regional Coordinating Institute of UBA: Gandhigram Rural Institute

Name of the Participating Institute of UBA: Holy Cross College, Nagercoil.

AISHE code of the Participating Institute: C-41147.

Name of the UBA coordinator : Dr. panimaya Mercy

Mobile number : 9894601215


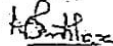
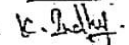


Email ID :

List of students participated and submitted the project report

Sl. No.	Unique ID	Name of the participant	Programme of study	Email ID	Mobile No.	Title of the project
1.	VC011440	Abirami D	II MA English	abiramiba4@gmail.com	9360722035	Renewable Energy
2.	VC011573	Ahalya Merin A	II MA English	ahalyamerin17@gmail.com	9487644350	Renewable Energy
3.	VC011457	Ancy Beutylin F	II MA English	ancybeautlin98@gmail.com	9361724627	Renewable Energy
4.	VC011373	Anitta G	II MA English	anitta781999@gmail.com	7598829204	Renewable Energy
5.	VC011546	Bershia D.C	II MA English	davidbershia@gmail.com	9600958735	Renewable Energy

DECLARATION

We declare that the project work is original and carried out by us under the guidance of M. Maria Helen Janoba. The project work has not been submitted elsewhere for the award of any degree and the work is genuine.

Dharshila 
Chiyana 
Indhu 
Dyfra 
Annet 
Signatures

Email ID : maria.helenjanoba@gmail.com
Area of specialization : English Literature
Name of the Participating Institute of UBA: Holy Cross College, Nagercoil
AISHE code of the Participating Institute: C-41177
Name of the Regional Coordinating Institute of UBA: Gandhigram Rural Institute

CERTIFICATE

This is to certify that the project has been carried out under my supervision and guidance. The project report has not been submitted for any other title / award and the work is genuine.


M. Maria Helen Janoba
Signature of the Project Supervisor



**Proforma for the Submission of Project Report for
Virtual Internship Programme on Sustainable Development Goals and
Community Engagement**

1. Title of the Project: Water Management

2. Details of Participant(s) :

Sl. No.	Unique ID	Name of the participant	Programme of study	Email ID	Mobile No.
1	VC011447	Dharshila.D	II M.A. English	dharshipriya05@gmail.com	8667655784
2	VC011258	Chimna Alex.A	II M.A. English	chimnaalex004@gmail.com	6385278994
3	VC011545	Indhumathi.k	II M.A. English	indhuarun926@gmail.com	6385278994
4	VC011504	Anto Dyfra Lisa. S	II M.A. English	dyfralisa08@gmail.com	8300821053
5	VC011565	Annet N. Vinofo Kingsly	II M.A. English	annetkingsy96@gmail.com	8903924889

3. UBA theme for Project Work : Water management

4. SDGs to be achieved : Good health and Well-being, Clean water and sanitation, Affordable and Clean energy, Decent work and economic growth, Life below water and Partnerships to achieve the goal.

5. Background of the study : The rural Community of Manakudi


6. Objectives of the study : To create awareness on Waste water management and to ensure clean waterways.


DECLARATION

We declare that the project work is original and carried out by us under the guidance of M. Maria Helena Janoia. The project work has not been submitted elsewhere for the award of any degree and the work is genuine.


Signatures

V. Anto Senoita 

A. Benita Malar 

Deen Agi Mary, L. 

Bufrina J. Dafina 

Cleo P. Laddis 

Details of Project Supervisor

Name of the Project Supervisor : M. Maria Helena Janoia

Mobile number : 9598263845



NAAC V Cycle Self Study Report (SSR)

Email ID : maria.helenjanoba@gmail.com
Area of specialization : English literature
Name of the Participating Institute of UBA: Holy Cross College, Nagercoil
AISHE code of the Participating Institute: C-41177
Name of the Regional Coordinating Institute of UBA: Gandhigram Rural
Institute

CERTIFICATE

This is to certify that the project has been carried out under my supervision and guidance. The project report has not been submitted for any other title / award and the work is genuine.


M. Maria Helen Janoba
Signature of the Project Supervisor



NAAC V Cycle Self Study Report (SSR)

Proforma for the Submission of Project Report for Virtual Internship Programme on Sustainable Development Goals and Community Engagement

1. Title of the Project : "Renewable Energy and Its Uses"
2. Details of Participant(s) :

Sl. No.	Unique ID	Name of the participant	Programme of study	Email ID	Mobile No.
1	VC011311	V. Anto Senorita	II M.A English Literature.	senoanto28@gmail.com	9087493553
2	VC011452	A. Benita Malar	II M.A English Literature.	benitamalar17@gmail.com	8903648390
3	VC011455	Deen Agi Mary. L	II M.A English Literature.	deenagimary@gmail.com	7207421821
4	VC011529	Bufrine J. Dafine	II M.A English Literature.	bufrinedafine@gmail.com	9786153751
5	VC011551	Cleo P. Laddis	II M.A English Literature.	cleoladdis13@gmail.com	6385804713


3. UBA theme for Project Work : Water Management
4. SDGs to be achieved : Affordable and clean energy, decent work and economic growth, good health and well-being.
5. Background of the study : The rural Community of Pozhikarai.





NAAC V Cycle Self Study Report (SSR)

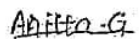
DECLARATION

We declare that the project work is original and carried out by us under the guidance of J.M. Gracelin Lydia. The project work has not been submitted elsewhere for the award of any degree and the work is genuine.

Abirami D 


Ahalya Merin A 

Ancy Beutylin F 

Anitta G 

Bershia D. C 

Signature(s)


J.M. Gracelin Lydia
Signature of the Project Supervisor

Email ID : maria.helenjanoba@gmail.com
Area of specialization : English Literature
Name of the Participating Institute of UBA: Holy Cross College, Nagercoil
AISHE code of the Participating Institute: C-41177
Name of the Regional Coordinating Institute of UBA: Gandhigram Rural Institute

CERTIFICATE

This is to certify that the project has been carried out under my supervision and guidance. The project report has not been submitted for any other title / award and the work is genuine.


M. Maria Helen Janoba
Signature of the Project Supervisor

CERTIFICATE

This is to certify that the project has been carried out under my supervision and guidance. The project report has not been submitted for any other title / award and the work is genuine.



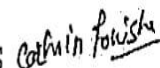
J. Maria Prabina Sackaria

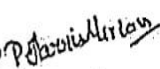
Signature of the Project Supervisor


DECLARATION


We declare that the project work is original and carried out by us under the guidance of J. Maria Prabina Sackaria. The project work has not been submitted elsewhere for the award of any degree and the work is genuine.

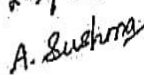
Signatures

Cathrine Jonisha S 

Harris Miriam P 

Ancy Safana XV 

Aksha L 

Sushma A A. 



Proforma for the Submission of Project Report for
Virtual Internship Programme on Sustainable Development Goals and
Community Engagement

Title of the Project : New technologies in Water Management

Details of Participants:

Sl. No.	Unique ID	Name of the participant	Programme of study	Email ID	Mobile No.
1	VC011250	CathrineJonisha S	MA English Literature	cathrinjonisha143@gmail.com	9791829148
2	VC011305	HarrisMiriam P	MA English Literature	harrismiriamgm@gmail.com	9488164274
3	VC011400	AncySafana XV	MA English Literature	safanaancy@gmail.com	9843958229
4	VC011444	Aksha L	MA English Literature	akshal3061999@gmail.com	9894247686
5	VC011464	Sushma A	MA English Literature	sushmaanbu101@gmail.com	9600493162
	VC011525	J. Maria Prabina Sackaria		sackaria@gmail.com	9894873884

UBA theme for Project Work: Water management

SDGs to be achieved : Clean water and sanitation



NAAC V Cycle Self Study Report (SSR)

Mobile number : 7598263845
Email ID : mariahelenjanoba@gmail.com
Area of specialization : English literature
Name of the Participating Institute of UBA: Holy Cross College, Nagesicoid
AISHE code of the Participating Institute: C-41177
Name of the Regional Coordinating Institute of UBA: Gandhigram Rural Institute

CERTIFICATE

This is to certify that the project has been carried out under my supervision and guidance. The project report has not been submitted for any other title / award and the work is genuine.


M. Maria Helen Janoba
Signature of the Project Supervisor

Linta Rezlina H Linta

Sahaya Fomitha A. A. Sahaya Fomitha

Shafini M Shafini M

Snehalakshmi P Snehalakshmi P

Thana Angel J.M Thana Angel J.M



DECLARATION

We declare that the project work is original and carried out by me / us under the aidance of Mrs. M. Maria Helen Janoba. The project work has not been submitted seewhere for the award of any degree and the work is genuine.

Signature(s)

Linta Rexline.H



A.Sahaya Fomitha



M.Shafini



P.Snekhakshmi



J.M.Thana Angel



Details of Project Supervisor

Name of the Project Supervisor : M. Maria Helen Janoba



NAAC V Cycle Self Study Report (SSR)

Proforma for the Submission of Project Report for Virtual Internship Programme on Sustainable Development Goals and Community Engagement

1. Title of the Project : WATER MANAGEMENT AND IT'S CRISIS
2. Details of Participants :

Sl. No.	Unique ID	Name of the participant	Programme of study	Email ID	Mobile No.
1	VC011558	Lintu Rexline.H	II M.A English (s.f)	Lintu.rex@gmail.com	9080350904
2	VC011522	A. Sahaya Fomitha	II M.A English (s.f)	sahayafomitha@gmail.com	9361568996
3	VC011532	M.Shafini	II M.A English (s.f)	shafinishafini@gmail.com	9789365927
4	VC011563	P.Snehalakshmi	II M.A English (s.f)	003snep15@gmail.com	9952450227
5	VC011454	J.M.Thana Angel	II M.A English (s.f)	Angelchristy949@gmail.com	739774887

3. UBA theme for Project Work : WATER MANAGEMENT



DEPARTMENT OF HISTORY

PROJECT REPORT FOR COMMUNITY ENGAGEMENT COURSE

DISASTER MANAGEMENT

*Project Submitted to Holy Cross College (Autonomous),
Nagercoil in partial fulfillment of the requirements for the
Award of the degree of*

MASTER OF ARTS IN HISTORY

Submitted by

G. Rachal libi janisha	2021SPH255
J. Rathi	2021SPH420
E. Ranita malar	2021SPH256
R.Sangeetha	2021SPH362
X. Selva linsha	2021SPH363
S. Sivathanu	2021SPH412
S. Vinsha	2021SPH257

Under the Guidance of

Dr. K. Baby



DEPARTMENT OF HISTORY

HOLY CROSS COLLEGE (Autonomous)

NAGERCOIL – 629004

NOVEMBER - 2022

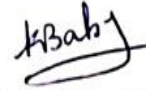


CERTIFICATE

This is to certify that this project work entitled 'DISASTER MANAGEMENT' Study done by the second year M.A. History students, during the academic year 2022-2023 for the degree of Master of Arts in History, under my supervision and guidance. Further, it has not been submitted for any other degree or fellowship of associateship in any other university or Institutions of higher education.

Place: Nagercoil


Date: 10/11/2022



Signature of the Guide



Signature of External



Signature of the H.O.D

Dr. I. JALAJA KUMARI
Assistant Professor & Head
Department of History
Holy Cross College (Autonomous)
Nagercoil - 629004



DECLARATION

We, G. Rachal libi jenisha, J. Rathi, E. Renitta Malar, R.Sangeetha
 X. Selva Linsha, S. Sivathanu, S. Vinsha, the second year M.A. History students
 of Holy Cross College (Autonomous), Nagercoil, hereby declare that this project
 work entitled “**DISASTER MANAGEMENT**” Study, done under the guidance
 and supervision of Dr.K.Baby Assistant Professor, Department of History, Holy
 Cross College (Autonomous), Nagercoil. It has not been submitted for any other
 degree of fellowship or associateship in any other University or Institution of
 higher education.

Place: Nagercoil

Date: 10/11/2022

Name of the students	Register number	Signature
G. Rachal libi jenisha	2021SPH255	Rachal libi jenisha. G 10/11/22
J. Rathi	2021SPH420	J. Rathi 10/11/22
E. Renitta malar	2021SPH256	E. Renitta Malar 10/11/22
R. Sangeetha	2021SPH362	R. Sangeetha 10/11/22
X. Selva linsha	2021SPH363	Selva linsha 10/11/22
S. Sivathanu	2021SPH412	S. Sivathanu 10/11/22
S. Vinsha	2021SPH257	S. Vinsha 10/11/22



INTRODUCTION

Kattuvilai is a town adopted by Holy cross college. we heard about the Disaster Management there from the II MA History students. We asked questions about disasters the corona and Ockhi storm. They people responded well. They said that it has just been converted from a rural area to a city.They said that even after.being converted into a city.

All the facilities are not fully available. Asking people questions about their needs.They said that docking water Facility, electricity facility is Good, and led but buy facility is not Good. we hear about their security measures and government assistance during the corona period, we had heard about the destruction during the Ockhi Storm and the government concessions.

we also asked about the hospital facilities and asked how many Kilometers the hospital is from their town and how people would go there.we also heard about their diet during calamities. That UBI project helped us to know about Kattuvilai.

On the second day we went to Pozhikarai area. A village council meeting was held there. We got to know firsthand how a Gram Sabha meeting is conducted. This gave us a new experience. Then we went to Kattuvilai Village the next day.



**PROJECT REPORT FOR
COMMUNITY ENGAGEMENT COURSE
VISIT RURAL SCHOOLS/ MID - DAY MEAL CENTRES STUDY
ACADEMIC AND INFRASTRUCTURAL RESOURCES AND GAPS**

*Project submitted to Holy Cross College
(Autonomous), Nagercoil in partially fulfillment
of the requirements for the award of the degree of*

MASTER OF ARTS IN HISTORY

Submitted by

S. ANUSHIYA - 2021SPH250
X. DEMINA ABELL - 2021SPH251
J. JEEVA - 2021SPH418
J. JENIFER - 2021SPH252
A. MARY ANISHA- 2021SPH253
N. MICHEAL REYHEL - 2021SPH419
C. NANISREE - 2021SPH254

Under the Guidance of

Dr. K.BABY



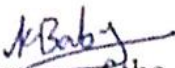
**DEPARTMENT OF HISTORY
HOLY CROSS COLLEGE (AUTONOMOUS)
NAGERCOIL- 629 004
NOVEMBER - 2022**

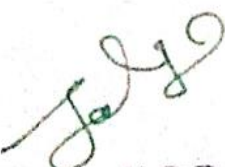
CERTIFICATE

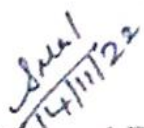
This is to certify that this project work entitled "VISIT RURAL SCHOOLS/ MID - DAY MEAL CENTRES STUDY ACADEMIC AND INFRASTRUCTURAL RESOURCES AND GAPS "done by the second year M.A. History students during the academic year 2021-2023 for the degree of Master of Arts in History, under my supervision and guidance. Further, it has not been submitted for any other degree or fellowship of associateship in any other university or Institutions of higher education.

Place: Nagercoil

Date: 10.11.2022


Signature of the Guide


Signature of the H.O.D


Signature of External Examiner

Dr. I. JALAJA KUMARI
Assistant Professor & Head
Department of History
Holy Cross College (Autonomous)
Nagercoil - 629004



DECLARATION

We S. Anushiya, X. Demina Abell, J.Jeeva, J.Jenifer, A.Mary Anisha, N.Micheal Reyhel, C.Nanisree the second year M.A. History students of Holy Cross College (Autonomous), Nagercoil, hereby declare that this project work entitled " VISIT RURAL SCHOOLS/ MID - DAY MEAL CENTRES STUDY ACADEMIC AND INFRASTRUCTURAL RESOURCES AND GAPS " done under the guidance and supervision of Dr.K.BABY Assistant Professor, Department of History, Holy Cross College, (Autonomous), Nagercoil. It has not been submitted for any other degree of fellowship or associateship in any other University or Institution of higher education.

Place: Nagercoil

Date: 10.11.2022

Name of the students	Register number	Signature
S. Anushiya	2021SPH250	S. Anushiya 10/11/22
X. Demina Abell	2021SPH251	X. Demina Abell 10/11/22
J. Jeeva	2021SPH418	J. Jeeva 10/11/22
J. Jenifer	2021SPH252	J. Jenifer 10/11/22
A. Mary Anisha	2021SPH253	A. Mary Anisha 10/11/22
N. Mickel Reyhel	2021SPH419	N. Reyhel 10/11/22
C.Nanisree	2021SPH254	C. Nanisree 10.11.22



Introduction :

Kattuvilai village is a part of Kanyakumari district. It is in Agastheevaram Taluk. The area given to us by UBI Performance is government primary school Kattuvilai. We visited the school and inspected it. We supervised the school on the first day. There, we saved a lot of information about their history and movement through teachers. The head teacher helped us. We have examined what are the shortcomings and masses. I got a lot of news about the attendance, number, etc. of the students of the school.

We asked a series of prepared questions. They answered patiently. Then we gave an awareness program. It is awareness about snacks and fast foods. The children cooperated quietly. They found out about it.

On the second day we went to Pozhikarai area. A village council meeting was held there. We got to know firsthand how a Gram Sabha meeting is conducted. This gave us a new experience. Then we went to Kattuvilai Village the next day.

We went to meet the people there and asked questions that we prepared. Questions Where do your children study? Where did they study and why were they not admitted to this school? . On inquiry we were able to find out about mass defects.

Objectives of the study :

- To analysis the historical backgrounds on Education Condition Of Kattuvilai Government primary school.
- To study the Education administrative functions of the Government primary school, Kattuvilai.



DEPARTMENT OF ECONOMICS

LIQUID WASTE MANAGEMENT

**Project submitted to Holy Cross College, Nagercoil for Virtual Internship
Programme on Sustainable Development Goals and Community Engagement.**

SUBMITTED BY,

SREESHNA V S

SARANYA S

DHANALEKSHMI G

SUJI S

Under the guidance of

Dr. Babila Kingsly, Assistant Professor, Economics.



Holy Cross College (Autonomous), Nagercoil-629004.

AUGUST-2021



Project Report for Virtual Internship Programme on Sustainable Development Goals and Community Engagement

1. Title of the Project : Liquid Waste Management

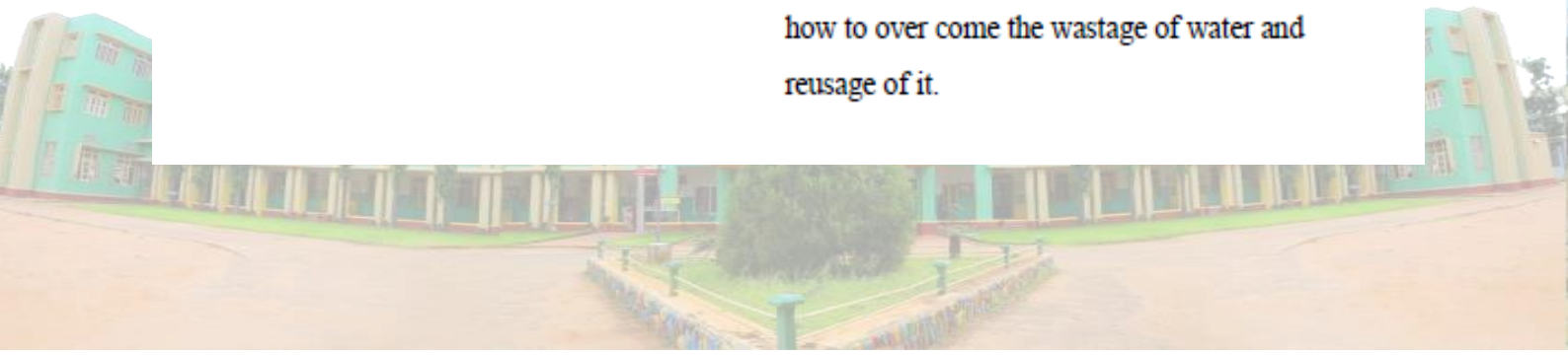
2. Details of Participant(s) :

Sl. No.	Unique ID	Name of the participant	Programme of study	Email ID	Mobile No.
1	VC0112 98	SREESH NA V S	II MA Economic s	sreeshnavs1999@gmail.com	86376483 50
2	VC0112 88	SUJI S	II MA Economic s	sujisoosai21@gmail.com	87786288 06
3	VC0112 84	SARANY A R	II MA Economic s	saranyakalarani2000@gmail.com	94865043 01
4	VC0114 56	DHANA LEKSHM I G	II MA Economic s	Dhanalekshmidhanalekshmi78@gmail.com	94428792 85

3. UBA theme for Project Work: Water management

4. SDGs to be achieved : Clean water and sanitation

5. Background of the study : The report deals with an analyses on liquid waste and its management, causes and the methods how to over come the wastage of water and reusage of it.



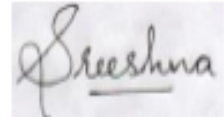
6. **Objectives of the study** : This report study on the treatment used for water management.
7. **Methodology adopted** : Collection of data is based on the secondary data taken from journals, article, books etc.
8. **Major findings** : Low budget waste water treatment methods which can be implemented in rural areas.
9. **Suggestions / Recommendations** : Waste water management methods or treatments must be carried out to prohibit scarcity of water in future.
10. **Impact of this work on learning of students/teachers**: We gained knowledge about different methods used to treat waste water in rural areas which can be both economical and eco-friendly.



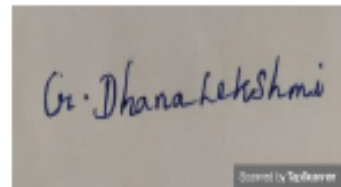
DECLARATION

I / We declare that the project work is original and carried out by me / us under the guidance of Dr. Babila Kingsly, Assistant Professor, Holy Cross college, Nagercoil. The project work has not been submitted elsewhere for the award of any degree and the work is genuine.

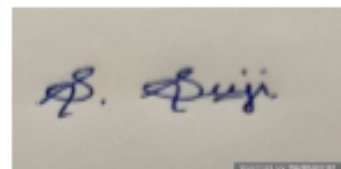
Signature(s)



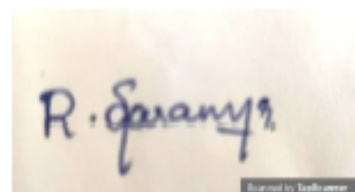
Sreeshna



Cr. Dhana Lekshmi



S. Sujji



R. Saranya

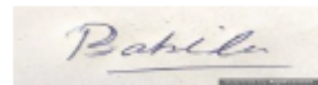


Details of Project Supervisor

Name of the Project Supervisor : Dr Babila Kingsly
Mobile number : 9003993704
Email ID : babelakingsly@holycrossngl.edu.in
Area of specialization : Manakudy
Name of the Participating Institute of UBA: Holy Cross college(Autonomous),
Nagercoil
AISHE code of the Participating Institute: C-41177
Name of the Regional Coordinating Institute of UBA: Gandhigram Rural
Institute

CERTIFICATE

This is to certify that the project has been carried out under my supervision and guidance. The project report has not been submitted for any other title / award and the work is genuine.



Signature of the Project Supervisor



REUSING WASTE WATER TO WATER PLANTS AND DRAWING OUT ELECTRICITY IN MANAKUDY VILLAGE

**Project submitted to Holy Cross College, Nagercoil for Virtual Internship
Programme on Sustainable Development Goals and Community Engagement.**

SUBMITTED BY,

ANUSHA, S.
ASHA, Y.
JONA HESHANI, B.J.
METHA, J.S.
SUSHMA, M.
SWEETLIN JAFFY, S.

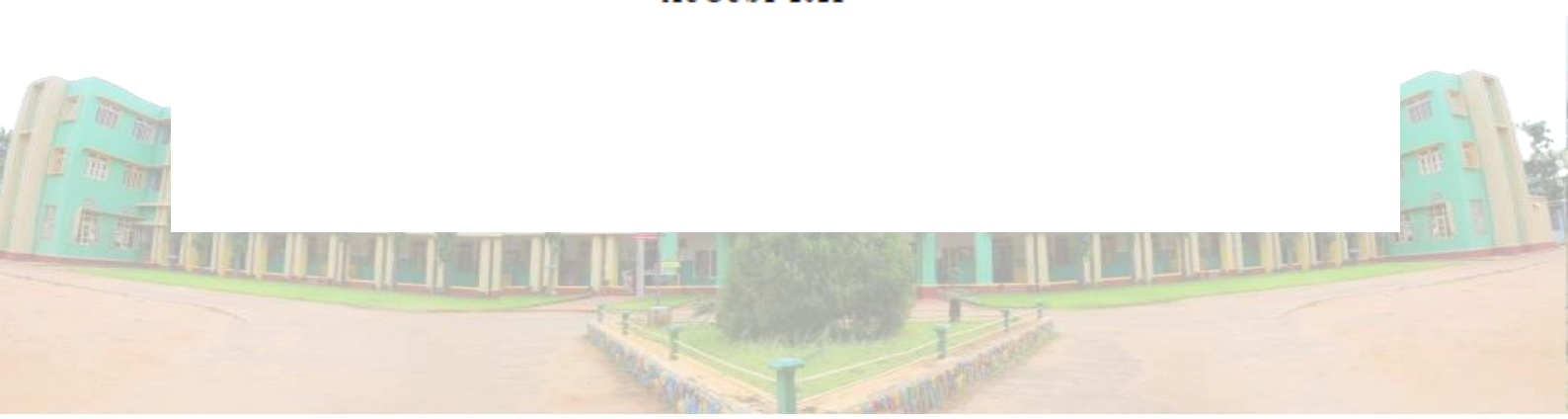
Under the guidance of

**Dr. Regi. S.,
Assistant Professor of History,
Holy Cross College (Autonomous),
Nagercoil**



Holy Cross College (Autonomous), Nagercoil-629004

AUGUST-2021



Title of the project:

Reusing Waste water to water plants and drawing out electricity in Manakudy village.

Details of Participants:

Sl.no	UNIQUE ID	NAME OF THE PARTICIPANT	PROGRAMME OF STUDY	EMAIL ID	MOBILE NO.
1.	VC011555	ANUSHA, S.	Virtual Internship Programme	anushaanushacute7@gmail.com	6374558789
2.	VC011509	ASHA, Y.	Virtual Internship Programme	ashaasha654321y@gmail.com	9362318413
3.	VC011481	JONA HESHANI, B.J.	Virtual Internship Programme	heshani2302@gmail.com	9159240259
4.	VC011471	METHA, J.S.	Virtual Internship Programme	methasasikumar01@gmail.com	9360274017
5.	VC011468	SUSHMA, M.	Virtual Internship Programme	sushmasep6@gmail.com	8903404911
6.	VC011507	SWEETLIN JAFFY, S.	Virtual Internship Programme	sweetlinjaffy295@gmail.com	8220672573

UBA THEME FOR PROJECT WORK:

WATER MANAGEMENT

SDGs TO BE ACHIEVED:

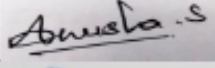
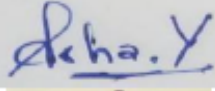
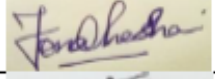
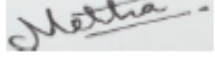
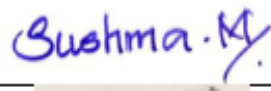
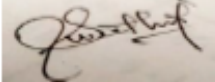
1. Clean water and sanitation
2. Affordable and clean energy
3. Life on Land



NAAC V Cycle Self Study Report (SSR)

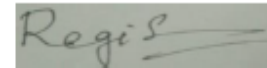
DECLARATION:

We declare that the project work is original and carried out by us, under the guidance of Dr. Regi. S., Assistant Professor of History, Holy Cross College (Autonomous), Nagercoil. The project work has not been submitted elsewhere for the award of any degree and the work is genuine.

NAME	UNIQUE ID	SIGNATURE
ANUSHA, S.	VC011555	
ASHA, Y.	VC011509	
JONA HESHANI, B.J.	VC011481	
METHA, J.S.	VC011471	
SUSHMA, M.	VC011468	
SWEETLIN JAFFY, S.	VC011507	

CERTIFICATE

This is to certify that the project has been carried out under my supervision and guidance. The project report has not been submitted for any other title/award and the work is genuine.



SIGNATURE OF THE
PROJECT SUPERVISOR



DEPARTMENT OF COMMERCE (S.F.I)

A STUDY ON "PARTICIPATION IN SCHOOL EDUCATION" IN POZHICKARAI VILLAGE

SUBMITTED BY

No	Unique ID	Name of the Participants	Programme of Study	E-mail ID	Mobile No.
1.	VC011275	J.K. HARISHA	M.com 2 nd year	harishajk1999@gmail.com	6380782018
2.	VC011270	HOORULEIN JUNAITH	M.com 2 nd year	junaithhoorulein@gmail.com	9487501033
3.	VC011292	B.JERUSHA SIMNA	M.com 2 nd year	simna3015@gmail.com	7305361591
4.	VC011560	D. KIBISHA	M.com 2 nd year	kibisha2000@gmail.com	9385309852
5.	VC011512	A. LEENUS REXCY	M.com 2 nd year	Leenusrexcy007@gmail.com	6379296167

UBA THEME : SCHOOL EDUCATION

SDGs to be achieved : G-4- Quality Education

DECLARATION

We declare that the project work is original and carried out by us under the guidance of **Dr. M. Charles Dayana**. The project work has not been submitted elsewhere for the award of any degree and the work is genuine.

Signature(s)

J.k. Harisha
Hoorulein Junaith
B. Jerusha Simm
D. Kibisha
A. Leenus Rexcy.

Details of Project Supervisor

Name of the Project Supervisor : **Dr. M. Charles Dayana**
Mobile number : **9486549870**
Email ID : **charlesdayana@holycrossngl.edu.in**
Area of specialization : **HRM**

Name of the Participating Institute of UBA: **Holy Cross College**
(Autonomous), Nagercoil.

AISHE code of the Participating Institute: **C-41177**

Name of the Regional Coordinating Institute of UBA: **Gandhi gram Rural**
Institute

PROJECT REPORT
FOR
VIRTUAL INTERNSHIP PROGRAMME
ON
SUSTAINABLE DEVELOPMENT GOALS
(SDG)
&
COMMUNITY ENGAGEMENT

**A study on economic impact of fishermen's
during COVID-19 in Pozhikkarai Village**



Details of project supervisor

Name of the supervisor : Dr. M. Charles Dayana
Mobile number : 9486549870
Email ID : charlesdayana@holycrossngl.edu.in
Area of specialization : Commerce
Name of the participating
Institute of UBA : Holy Cross College (Autonomous)
Nagercoil
AISHE code of the
participating Institute : C-41177
Name of the Regional coordinating
Institute of UBA : Gandhi gram Rural Institute

DECLARATION

We declare that the project work is original and carried out by us under the guidance of **Dr. M.Charles Dayana** the project work has not been submitted elsewhere for the award of any degree and the work is genuine.

Project team members

· PRADESHA. J

PREETHI BEULA. S

SAHAYA JEBISHA. C

SAHAYA MESOTHA.V

SAHAYA RENAT RESHMA. M

Signature

Pradesha. J

S. Preethi Beula

C. Sahaya Jebisha

V. Sahaya Mesotha

M. Reshma

Place : Nagercoil

Date: 20/08/2021

PROJECT REPORT

FOR

VIRTUAL INTERNSHIP PROGRAMME

ON

SUSTAINABLE DEVELOPMENT

GOALS (SDG)

&

COMMUNITY ENGAGEMENT

TITLE

STUDY ON LIQUID WASTE MANAGEMENT IN

POZHIKARAIVILLAGE

DETAILS OF PROJECT SUPERVISOR:

Name of the supervisor : Dr. M. Charles Dayana
Mobile number : 9486549870
Email ID : Charlesdayana@holycrossngl.edu.in
Area of specialization : Commerce
**Name of the participating
Institute of UBA** : Holy Cross College (Autonomous),
Nagercoil.
**AISHE code of the
participating Institute** : C-41177
**Name of the Regional
coordinating Institute
of UBA** : Gandhi gram Rural Institute

DECLARATION

We declare that the project work is original and carried out by us under the guidance of **Dr. M. Charles Dayana** the project work has not been submitted elsewhere for the award of any degree and the work is genuine.

Project team members Signature

Libisha Theres. B	Libisha Theres.B
Maria Nabisha. P	P. Maria Nabisha
Merin Akisha. S	S. Merin Akisha
Meronisha. B	B. Meronisha
Nivetha. S	Nivetha S

Place : Nagercoil

Date: 28/08/2021

DEPARTMENT OF SOCIAL WORK

REPORT ON CONCURRENT FIELD WORK

At

Sneka Mind care Centre

Tirunelveli

III Semester

JULY 2021 – AUGUST 2021

Study tour

01th December -4th December

EXTENSION ACTIVITIES

SEMESTER III

Submitted by

APARNA.S

II MSW

Under the Guidance of

Ms.Jinisha

Assistant professor, P.G DEPT. OF SOCIAL WORK

Holy cross college



**P.G. DEPARTMENT OF SOCIAL WORK
HOLY CROSS COLLEGE (AUTONOMOUS)**

NAGERCOIL-4

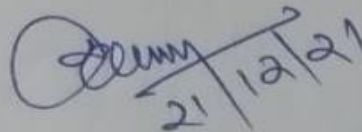
CERTIFICATE

This is to certify that APARNA.S, student of IInd year Master of Social Work, Holy cross college (Autonomous), Nagercoil, has been placed for concurrent field work training for the third semester in Sneka Mindcare Centre, Tirunelveli from July 20, 2021 to August 14, 2021. The trainee fulfilment of her degree and the activities carried out by her was original and throughout that period her conduct was found to be good.

Agency Supervisor
(Mr. Nellaiappan)

Faculty Guide & Assistant Professor
(Ms. Jinisha)

Head of the department
(Mrs. Mary Deeba. J)


21/12/21

External Examiner