

Model Program Book
**COMMUNITY
SERVICE
PROJECT**



Designed & Developed by



**ANDHRA PRADESH
STATE COUNCIL OF HIGHER EDUCATION**

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)

PROGRAM BOOK FOR COMMUNITY SERVICE PROJECT

Name of the Student: Prasanna Kumar

Name of the College: SVS - AVA College

Registration Number: 720100100143

Period of CSP: From: 27/07/22 To: 5/08/22

Name & Address of the Community / Habitation: Jalanipeta,
Post: Nalanda, Dist:
Vissakhapatnam,
Andhra Pradesh.

ANDHRA

University

YEAR

A COMMUNITY SERVICE PROJECT REPORT

On

PROJECT TITLE

Community Service Project report submitted
in partial fulfillment of the requirements for the award of the Degree of

BACHELOR OF SCIENCES

By

P.KOWSALYA

720130805127

Under the Guidance of

K. SWETHA

PHYSICAL SCIENCE



Mrs. A.V.N. College

(Affiliated to Andhra University)

Visakhapatnam-530001

2020-2023



Mrs. A.V.N. College
(NAAC Accredited 'A' Grade Institution)
(Affiliated to Andhra University)



Date:

CERTIFICATE

This is to certify that P. Kowsalya, Regd. No. 21201924051977
of Mrs. A.V.N. College underwent Community Service Project in
Brine products with special reference to Fishing Harbour
Visakhapatnam, Andhra Pradesh under the guidance of
K. Swetha from 26/09/22 to 5/11/22.

The overall performance of the community service volunteer
during her / his community service is found Good



G. J. Kowsalya
(Incharge Admin)

Authorized Signatory

Community Service Project Report

Submitted in accordance with the requirement for the degree of.....

Name of the College: Mrs. AVN College

Department: BSC (MPCS)

Name of the Faculty Guide: K. Swetha

Duration of the CSP: From 26.09.22 To 5.11.22

Name of the Student: PULLETI KURTHI KOWSALYA

Programme of Study: Community service project

Year of Study: 2020 - 2023

Register Number: 720130805127

Date of Submission:

Student's Declaration

I, P. Kowalya a student of CSP Program,
Reg. No. 720120805127 of the Department of B.Sc (MPCS)
Muz. AVN College College do hereby declare that I have completed
the mandatory community service from 26/09/22 to 5/11/22 in
pubing karkas (Name of the Community/Habitation) under the Faculty
Guideship of K. Suresh (Name of the Faculty Guide), Department
of BSC (MPCS) in College Muz. AVN College

P. Kowalya
(Signature and Date)

Endorsements

K. Suresh
Faculty Guide


D. Suresh
Head of the Department

Head of the Dept.
247 V.P. Road, Muz. AVN College
Muz. AVN College
Principal

[Signature]

Certificate from Official of the Community

This is to certify that Pallethkurthi Kowalya (Name of the Community Service Volunteer) Reg. No 770130805127 of the AVA College (Name of the College) underwent community service in fishing harbour (Name of the Community) from Salasipeta to Vizakhapatnam. The overall performance of the Community Service Volunteer during his/her community service is found to be Good (Satisfactory/Good).


Authorized Signatory with Date and Seal
C. S. Suresh
Chintamani

Acknowledgements

I would like to convey my heart felt gratitude to APSCHE for giving this wonderful opportunity to us and I am also thankful the Andhra University.

I would also like to thank our college principal and all the faculty members who guided us in completion of this project and also thankful for providing me with the topic of marine products. The completion of the project would not have been possible without their help.

Secondly, I would also like to thank all of the community of "harbour" for giving proper responses. I am extremely grateful to people of my neighbourhood sector responded with high level of valuable suggestions and guidance for completion of my project. This cooperation and healthy criticism came friendly and useful with them.

Finally, I would like to thank my parents who helped me a lot in gathering different information collecting this project, despite of their busy schedules they gave me different ideas in making this project unique.

Thanking you

P. Kowsalya

BSc (HPCs)

Reg. No:- 720130805127

CHAPTER 1: EXECUTIVE SUMMARY

The community service report shall have only a one-page executive summary. It shall include a brief description of the Community and summary of all the activities done by the student in CSP and five or more learning objectives and outcomes.

Fishing Harbour is located at Visakhapatnam district. It is an urban neighbourhood in Indian city of Visakhapatnam. The area with the population of more than 40,000. The area is divided into all sectors. I have done my survey in two sectors where the people in this sectors are highly and well known people working since years and are also answered very well for my questions and their suggestion & answers are greatly helpful for a persons who are in an inappropriate manner in following their daily exports and imports in now a days while doing this survey. It is observed that people are following a very good time table in consuming of healthy marine products. And here the data is related to the marine products.

CHAPTER 2: OVERVIEW OF THE COMMUNITY

About the Community/Village/Habitation including historical profile of the community/habitation, community diversity, traditions, ethics and values.

Brief note on Socio-Economic conditions of the Community/Habitation.

Visakhapatnam port is one of 13 major ports in India and the only major port of Andhra Pradesh. It is India's third largest state owned port by volume of cargo handled and largest on the eastern coast. It was opened on 19th december 1933 and it was operated by Visakhapatnam port trust.

The Inner harbour was built by the Bengal Nagpur railway b/w 1927 to 33 to facilitate the export of manganese ore from the central provinces. The port built at a cost of ₹ 375 lakhs was inaugurated by Lord Willingdon on 19 december 1933.

During the second world war the military significance of the port increased. After India's independence the port witness growth under the various five year plans. Over time the port has grown from one with 3 berths handling 1.3 lakh tonnes per annum to one with 24 berths and annual traffic of 65 million tonnes.

CHAPTER 3: COMMUNITY SERVICE PART

Description of the Activities undertaken in the Community during the Community Service Project. This part could end by reflecting on what kind of values, life skills, and technical skills the student acquired.

We students have conducted a survey on marine products and went to an area in Vizag which has a major export and imports of marine products in India Vizakhapatnam port.

We had got into about the transportation of fisheries and marine products throughout the world.

On this major business many lives are depending from the boat driven to the Indian stock market on marine products. Here for every six months the boaters went to sea to capture fish some of them will stay there for months, the boaters went to sea to capture fish some of them will stay there will go for daily fishing.

After a few months the marine.

1) Transporting their mostly sold products to the world stock market.

In the world stock market India is the most selling the marine products and reached a record high of ₹ 770 billion during 2021-22. This

is the new record taken in stock market.

The place we want is very rich in marine products but the lives are in poverty and may high and they are mostly the illiterates. The maximum people has not even attendance the minimum level of education and struggling for the lives of their childrens. So that they will not suffer like them and trying to make their lives better and could live peacefully. Creatures will left untouched to produce and increase their no.

In this area many people are living here on depending on Marine Creatures. Some of them got fish from the sea and some will sell the raw products and sell in the market and with the profit they will distribute among themselves.

They have two methods for selling their products in the market.

- 1) The fishes will be sold heavily and making them sell and dividing the profits among them

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	What is the most popular seafoods and highly sold?	1) Tuna fish 2) Prawns 3) Mud crabs	<u>Govind</u>
Day - 2	What are the types of sea food?	1) Fresh water 2) Salt water	<u>Govind</u>
Day - 3	What is the whole sale rate of basket of prawns?	Nearly 1000 Rs/-	<u>Govind</u>
Day - 4	Is market rate is difference from world stock market?	Yes it differs	<u>Govind</u>
Day - 5	What is the most popular sea food?	Crab fish is one of the most popular seafood.	<u>Govind</u>
Day - 6	What are the healthiest fish to eat do you think?	Albacore Tuna, Salmon.	<u>Govind</u>

WEEKLY REPORT

WEEK 1 (From 15)

to 19

1







Objective of the Activity Done Sales and marketing in local

Detailed Report :- The group I had created some selling related questions to ask our friend sellers and vendors.

I got information after asking questions that the most of the sellers sell their own and some are be willing to sell to others at once in a wholesale rate. Some of our sellers get more profit depends on cost and fish price. Moreover many people buy mostly prawns and healthy Tuna, and salmon fish.

The sales in the local market will be a huge profit and helps in the development of the port and the profits will help to that children to their education and very helpful to their daily expenses for their further education.

ACTIVITY LOG FOR THE SECOND WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	What are the preventions should be taken before exporting?	freezing and cold storage and packing.	
Day -2	What are the exporting?	1) Sales Contract process 2) Opening process 3) Cargo process 4) Shipping	
Day -3	Which state has been selected for the best fishes award in 2021	A.P	
Day -4	What are the widely import export to other harbours?	Tuna fish, Prawns, Mud fishes.	
Day -5	Where did to export seafood main places?	Thailand Imports and exports.	
Day -6	After fishing is that directly send to exports store the sea food?	Sometimes will transported. Some time the seafood sold to local seller.	

WEEKLY REPORT



WEEK - 2 (From Dt..... to Dt.....)

Objective of the Activity Done: Sales and marketing of fishes.

Detailed Report: In this week, I had prepared some questions on related to marine products to gain more information about import and export of sea food to other states in India. I got to harbor located of VSKP. And I went to harbor import and export managers of VSKP. Then after that I asked and gather more important information.

The most of widely exported sea food is Tuna fish, prawns, mudcrabs and the main exported place in thellers import and exports. Before freezing they will take precautions like freezing and packing food. Moreover AP is selected best marine state award in 2021.

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day-1	Is lobster fishing a profession that runs in the family?	Yes my dad finished my my brother fished	
Day-2	How many days gap for fishing?	15 days per month for fishing.	
Day-3	How many months do you do lobster fishing for?	Two to three months from may to June.	
Day-4	Who do you fish with	Recently its been a family member my son.	
Day-5	Where do you fish? Is there any boundaries for fishing?	I fish at VSP Harbor limits.	
Day-6	How long have you been fishing here?	It was 1990 that I started fishing	

WEEKLY REPORT

WEEK - 3 (From DI..... to DI.....)

Objective of the Activity Done: About fishing and catching ^{fish} products







Detailed Report: I have abstracted this information.

And from the fisherman on the concept of marine product and fishing related information. This information abstracted from fishermen located at the harbour at VSP.

In this report it was noticed that these people are fishing from long from their ancestors and they have learned how to fish and catching a fish and they have adopted to the environment of the sea and making it as their own life style as a part of life. They do lobster fishing in a proportion that more in the family. Some fishermen are works with family members like taking their own son or niece, brothers etc.

They will do lobster fishing for two months.

ACTIVITY LOG FOR THE FORTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	How long a lobster can live without water?	It will live upto 24 hrs.	
Day-2	As squids are edible and can be frozen well!	They are edible and it can be frozen well.	
Day-3	Which is the most sold sea food in the region?	Tuna fish, Milk Crabs Prawns	
Day-4	As fish dealer license is required for selling?	Yes it is required at marketing places.	
Day-5	What is the min temp and max temp to freeze the sea products?	It requires at least a -5°C to freeze.	
Day-6	As all seafood frozen at one place?	No, different seafood is frozen at different places.	

WEEKLY REPORT

WEEK - 4 (From 1st _____ to 1st _____)

Objective of the Activity Done: Marketing of Marine products.

Detailed Report: In this week, I have prepared a few questions on the marketing Marine products. I went to harbour and there I met some sellers and some freezing managing people and there asked some prepared questions.

In this week decided to know about freezing and selling related. By the questions, I get many information that it is about sea foods. Then freezing methods can be done in different methods and widely sold sea-food in Pakistan.

ACTIVITY LOG FOR THE FIFTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day-1	What are the freezing methods of fish?	There are several ways and a few are here 1) Blast freezing 2) Immersion freezing	<u>Pavani</u>
Day-2	How do you handle and store fresh fish?	The storing of fish by putting them on ice and freezing.	<u>Pavani</u>
Day-3	What are problems faced by fishermen?	1) Under employment 2) Not getting high profit. 3) Less people	<u>Pavani</u>
Day-4	Who buys the sea food from the fisherman authority?	There are 2 ways 1) Bulk management 2) Selling it in local market.	<u>Pavani</u>
Day-5	How many days required to freeze or store the food?	It requires 3 days to freeze and stored.	<u>Pavani</u>
Day-6	How much profit they gain daily by selling seafood?	500 ₹ per day.	<u>Pavani</u>

WEEKLY REPORT

WEEK - 5 (From Dt..... to Dt.....)

Objective of the Activity Done: About storage and freezing.

Detailed Report: In this week, I went to the harbour place at Visakhapatnam and asked the fisherman and then asked some related questions about the topic of storage and gathered some information about their methods.

The fishermen are freeze the fish for present or present fisherman freshness of food by blast freezing method at boats after that they freezing and storing rooms for storage of fish and selling it afterwards in the market.

The main problem is less men and under employment in the fishing and storing.

ACTIVITY LOG FOR THE SIXTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	Who tells you where can be traps set for the fish?	The fisherman's agreement. It depends on the experience of the fisherman.	<u>Raw</u>
Day -2	How many days they stay in the sea for fishing?	Atleast a week.	<u>Raw</u>
Day -3	How many traps do you use to catch fish?	The man traps 300 which mostly 240 are made of wood.	<u>Raw</u>
Day -4	How far from shore do you fish?	The farthest would be the 3 miles.	<u>Raw</u>
Day -5	What kind of boat do they use for fishing?	The boats are have 42ft and about 13ft across made of glass and wood.	<u>Raw</u>
Day -6	Do you own a boat or a rented one?	Most of the fisherman having their own boats.	<u>Raw</u>

WEEKLY REPORT

WEEK - 6 (From Dt..... to Dt.....)

Objective of the Activity Done: About the boats and its types.

Detailed Report: It got this information from Visakhapatnam port area harbours which is a market place for fish and sold at whole sale rates. In this report I observed that the fishermen are going into the sea for fishing with traps made with wood and wires at. They will stay for a certain period for catching fish and they will wait for the fish to get caught in their traps. They will stay atleast a week for fishing in the sea. They have a certain boundary limits and they can exist to the international waters for fishing without permission. The shore at least 3 miles away.

It got information from fishermen and learned many things from fishing.

CHAPTER 5: OUTCOMES DESCRIPTION

Details of the Socio-Economic Survey of the Village/Habitation Attach the questionnaire prepared for the survey.

- 1) How often do you eat marine food/sea food? (b)
(a) Never (b) Once/twice a month (c) Once a week
- 2) How often do you eat only fish? (b)
(a) Three times (b) Once or twice (c) none
- 3) Salmon fish has a high content of ____? (a)
(a) Omega-3 (b) Proteins (c) Vitamins
- 4) From where tuna fish is developed? (a)
(a) Oceans (b) lands (c) Sand
- 5) What fish is healthy to eat? (c)
(a) Crab (b) Mackerel (c) Salmon
- 6) The scientific name of swordfish is ____? (c)
(a) Caribbean (b) Beloniformes (c) Xiphias gladius
- 7) Which fish is good for heart? (b)
(a) Shark (b) Salmon (c) tile fish
- 8) Catfish is exported from ____? (a)
(a) Africa (b) USA (c) China.
- 9) What fish has a highest protein? (a)
(a) Tuna (b) Catfish (c) swordfish.
- 10) What is the most harmful fish? (c)
(a) Fatty fish (b) Pikeheads (c) The puffer fish

Describe the problems you have identified in the community

In the Area we went and we noticed many problems that can effect the Indian economy.

- 1) Lack of necessary machinery to handle large volumes
- 2) Lack of adequate IT systems, facilities and negational aids.
- 3) Labour and manpower issues and declining manpower quality and resistance to reform..
- 4) Inadequate Infrastructure and Technology Issues.
- 5) Unhealthy Competition.
- 6) Social Impacts of port development.

Short-term and long-term action plan for possible solutions for the problems identified and that could be recommended to the concerned authorities for implementation.

- 1) Environmental clearances Tariff norms, land Acquisition need to be standard and implemented for the port sector so as to boost foreign investments.
- 2) It is important to provide rail and road connectivity to major and minor ports in order to ensure seamless multimodal transport and improve efficiency.
- 3) Technologies like big data and advanced GPS navigation system should be optimally used for better functioning of ports.
- 4) Port modernisation and new port development, Port connectivity enhancement, Port linked industrialisation and coastal community development Under the immense scope for reduction in transportation and logistics costs.

Description of the Community awareness programme/s conducted w.r.t the problems and their outcomes.

We students have conducted a survey in that particular area and found some problems that can be rectified through technology and development in marine industries.

We have gathered a lot of info about their technology and India has not having the advanced technology to increase the growth of marine industries. This problem should be rectified. The area where the people are living is not being cleaned and through this the water is being polluted and diseases are born through these unhygienic and diseases are born through waste will be thrown in the water and the fishes in the water will get polluted and we are eating the same fish and get hospitalised. The cleanliness should be maintained in that area for the development of marine industries the transportation of fish should be in good condition.

Report of the mini-project work done in the related subject w.r.t the habitation/village.

A mini-project work in the related subject w.r.t the habitation/village. (For ex., a student of Botany may do a project on Organic Farming or Horticulture or usage of biofertilizers or biopesticides or effect of the inorganic pesticides, etc. A student of Zoology may do a project on Aquaculture practices or animal husbandry or poultry or health and hygiene or Blood group analysis or survey on the Hypertension or survey on the prevalence of diabetes, etc.

The Report shall be limited to 8-10 pages.

Marine Products

Marine products refer to any products that are derived from the ocean or other marine bodies. These products can include seafood, seaweed, pharmaceuticals, cosmetics, and more. In this mini-project, we will focus on the seafood industry and explore some key aspects of it.

Objective

To conduct their analysis, we will use a combination of secondary research and data analysis. We will gather information from industry reports, news articles, and other sources to gain an understanding of the current state of the seafood industry. We will also analyze data from various sources to identify trends and patterns.

Analysis

1) Key products:

The seafood industry includes a wide range of products, including fish, crustaceans, mollusks, and more. Some of the key products include salmon, shrimp, tuna, crabs, lobsters and oysters. These products are harvested from both wild and farmed sources.

2) Market trends:-

The global seafood market is expected to grow at a steady rate in the coming years, driven by increasing demand for seafood products, particularly in developing countries. Some of the key trends in the industry include a shift towards sustainable seafood practices.

3) Challenges:-

The seafood industry faces a number of challenges including overfishing, climate change, and pollution. Overfishing is a particularly pressing issue as many fish stocks are being depleted at an unsustainable rate. Climate change is also having an impact on the industry as rising sea temperatures and ocean acidification can affect the growth of the seafood and health.

The seafood and seaweed industries are important

and complex sectors of the global economy, with significant environmental and social implications. By analysing key products trends, and challenges in each industry and exploring potential solutions for sustainability and growth, we can gain a better understanding of how to balance economic development with environmental stewardship.

Conclusion:-

The seafood and seaweed industries are important and complex sectors of the global economy with significant environmental and social implications. By analysing key products, trends and challenges in each industry, and exploring potential solutions for sustainability and growth, we can gain a better understanding of how to balance economic development with environmental stewardship.

CHAPTER 6: RECOMMENDATIONS AND CONCLUSIONS OF THE MINI PROJECT

Recommendations:

- 1) Choose high quality, reliable marine products from reputable manufacturers to ensure your safety and the durability of your equipment.
- 2) Consider eco-friendly options, such as biodegradable cleaning products, to minimize your impact on the marine environment.
- 3) Regularly maintain and service your marine products to ensure they remain in good order and avoid costly repairs or replacements in the future.
- 4) Stay up to date on the latest advances in marine technology and safety regulations to ensure you are using the most effective and compliant products.

Conclusions

- 1) The marine products is a significant contributor to the global economy and plays a crucial role in international trade, transportation and recreation.

- 2) Environmental sustainability is a growing concern in the marine industry and companies are increasingly developing eco-friendly products and practices to reduce their impact on the ocean and its eco system.
- 3) Safety is of utmost importance in the marine industry, and there are stringent regulations in place to ensure that products meet specific safety standards.
- 4) Advances in technology are driving innovation in the marine industry with new products and services continually being developed to improve efficiency, safety and sustainability.

Student Self-Evaluation for the Community Service Project

Student Name: Pallekavathi Kowsalya

Registration No: 720130806123

Period of CSP: From: To: 26/01/22 to 5/11/22

Date of Evaluation:

Please rate your performance in the following areas:

Rating Scale: Letter grade of CGPA calculation to be provided

1	Oral communication	1	2	3	4	5
2	Written communication	1	2	3	4	5
3	Proactiveness	1	2	3	4	5
4	Interaction ability with community	1	2	3	4	5
5	Positive Attitude	1	2	3	4	5
6	Self-confidence	1	2	3	4	5
7	Ability to learn	1	2	3	4	5
8	Work Plan and organization	1	2	3	4	5
9	Professionalism	1	2	3	4	5
10	Creativity	1	2	3	4	5
11	Quality of work done	1	2	3	4	5
12	Time Management	1	2	3	4	5
13	Understanding the Community	1	2	3	4	5
14	Achievement of Desired Outcomes	1	2	3	4	5
15	OVERALL PERFORMANCE	1	2	3	4	5

Date:

P. Kowsalya.
Signature of the Student

Evaluation by the Person in-charge in the Community/Habitation

Student Name: Pullatikurthi kowalya.

Registration No: 720130205129

Period of CSP: From: To: 26/9/22 to 5/11/22

Date of Evaluation:

Name of the Person in-charge:

Address with mobile number: Dr. no:-22-15-36 Chengabroopeta, VSP. 530001

Please rate the student's performance in the following areas:

Please note that your evaluation shall be done independent of the Student's self-evaluation

Rating Scale: 1 is lowest and 5 is highest rank

1	Oral communication	1	2	3	4	5
2	Written communication	1	2	3	4	5
3	Proactiveness	1	2	3	4	5
4	Interaction ability with community	1	2	3	4	5
5	Positive Attitude	1	2	3	4	5
6	Self-confidence	1	2	3	4	5
7	Ability to learn	1	2	3	4	5
8	Work Plan and organization	1	2	3	4	5
9	Professionalism	1	2	3	4	5
10	Creativity	1	2	3	4	5
11	Quality of work done	1	2	3	4	5
12	Time Management	1	2	3	4	5
13	Understanding the Community	1	2	3	4	5
14	Achievement of Desired Outcomes	1	2	3	4	5
15	OVERALL PERFORMANCE	1	2	3	4	5

Date:

Signature of the Supervisor

PHOTOS & VIDEO LINKS





INTERNAL ASSESSMENT STATEMENT

Name Of the Student: P. Kowsalya
Programme of Study: Machine products
Year of Study: 2022 - 2023
Group: BSC
Register No/H.T. No: 720130905127
Name of the College: Mrs. A.V.N. College
University: Andhra University

Sl.No	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Activity Log	20	
2.	Community Service Project Implementation	30	
3.	Mini Project Work	25	
4.	Oral Presentation	25	
	GRAND TOTAL	100	

(K. S. S. S. S.)

Date:

Signature of the Faculty Guide

Certified by

(B. S. S. S. S.)

Date:

Signature of the Head of the Department/Principal

Seal:

Head of the Dept.
Dept. of Physics, Electronics and Computer Science
Mrs. A.V.N. COLLEGE
VISAKHAPATNAM



ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

(A Statutory Body of the Government of Andhra Pradesh)

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