



Dr. A.E.R Degree & PG Colleges

Affiliated to S.V. University, Tirupati

ICET-AERAM | PGCET-AEPR



Enhancing the Awareness Of Dairy Business

Community Service Project work Report Submitted in partial fulfillment of the requirement
For the award of degree of

BACHELOR OF COMMERCE

[B.COM(COMPUTER APPLICATIONS)]

SRI VENKATESWARA UNIVERSITY



BY

KOMMINENI REKHA CHOWDARY

(Reg.no. 0221028038)

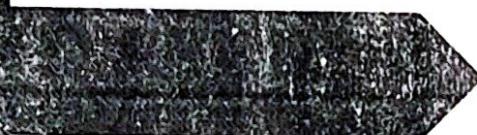
Under the esteemed guidance of

Dr.M.ESWARA REDDY M.com,MBA,M.Phil,PhD.

Sr.LECTURER IN COMMERCE AND MANAGEMENT
DEPARTMENT OF COMMERCE AND MANAGEMENT

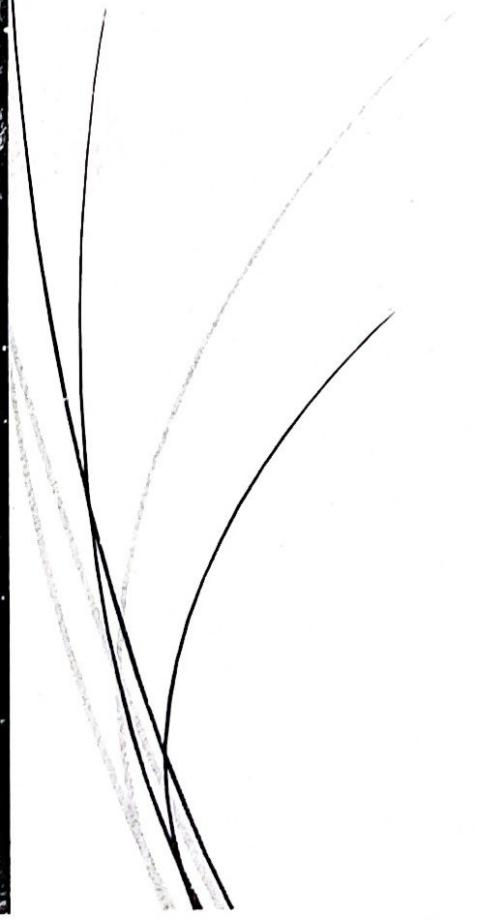


DR.A.E.R DEGREE & P.G COLLEGE
(AFFILIATED TO SV UNIVERSITY)
#160,Varadaraja Nagar,K.T. Road, Tirupati-517501



Program Book

Community Service Project



**AP STATE COUNCIL OF HIGHER
EDUCATION**
(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)

Program Book for Community Service Project

Name of the Student: Kommineni. Rekha Choudary.

Name of the College: Dr. A. E. R. Degree & PG College

Registration Number: 0221028038

Period of CSP: 2 Months From: December - 2022 To: January - 2023
(180 hours)

Name & Address of the Community/Habitation: Mangalam - 517507
Tirupati (Urban)
Chittoor District
Andhra Pradesh.

Instructions to Students for Community Service Project

Please read the detailed Guidelines on Community Service Project hosted on the website of AP State Council of Higher Education <https://apsche.ap.gov.in>

Link:

<https://apsche.ap.gov.in/Pdf/Guidelines%20for%20the%20OJT%20Internship%20Community%20Service%20Project.pdf>

1. It is mandatory for all the students to complete 2 months (180 hours) of Community Service Project as a part of the 10 month mandatory internship/on the job training.
2. Consider yourself as a committed volunteer in the community, you work with.
3. Every student should identify the village/community/habitation for Community Service Project (CSP) in consultation with the College Principal/the authorized person nominated by the Principal.
4. Report to the community/habitation as per the schedule given by the College. You must make your own arrangements of transportation to reach the community/habitation.
5. You will be assigned with a Faculty Guide from your College. He/She will be creating a WhatsApp group with your fellow volunteers. Post your daily activity done and/or any difficulty you encounter during the programme.
6. You should maintain punctuality in attending the CSP. Daily attendance is compulsory.
7. You are expected to learn about the community/habitation and their problems.
8. Know the leaders and the officials of the community/habitation.
9. While in project, always wear your College Identity Card.
10. If your College has a prescribed dress as uniform, wear the uniform daily.
11. Identify at least five learning objectives in consultation with your Faculty Guide. These learning objectives can address:
 - Information about the community, including the realities and problems of the society.
 - Need for creating awareness on socially relevant aspects/programs.
 - Acquiring specific Life Skills.
 - Learning areas of application of knowledge and technologies related to your discipline.
 - Identifying developmental needs of the community/habitation.

12. Practice professional communication skills with team members, and with the leaders and officials of the community. This includes expressing thoughts and ideas effectively through oral, written, and non-verbal communication, and utilizing listening skills.
13. **Be regular in filling up your Program Book. It shall be filled up in your own handwriting. Add additional sheets wherever necessary.**
14. At the end of Community Service Project, you shall be evaluated by the person in-charge of the community/habitation to whom you report to.
15. There shall also be evaluation at the end of the community service by the Faculty Guide and the Principal.
16. Do not indulge in any political activities.
17. Ensure that you do not cause any disturbance to the inhabitants or households during your interaction or collection of data.
18. Be cordial but not too intimate with the persons you come across during your service activities.
19. You should understand that during this activity, you are the ambassador of your College, and your behavior during the community service programme is of utmost importance.
20. If you are involved in any discipline related issues, you will be withdrawn from the programme immediately and disciplinary action shall be initiated.
21. Do not forget to keep up your family pride and prestige of your College.
22. Remember that you are rendering valuable service to the society and your role in the community development will become part of the history of the community.

Community Service Project Report

Submitted in accordance with the requirement for the degree of

Name of the College: Dr. A. E. R. Degree & PG College

Department: B.Com (CA)

Name of the Faculty Guide: Dr. M. Eswara Reddy

Duration of the CSP: From December To January

Name of the Student: Kommineni Rekha Chowdary

Programme of Study : Dairy Business

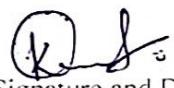
Year of Study: III Year

Register Number: 0221028038

Date of Submission: 17-05-2023 (Wednesday)

Student's Declaration

I, K. Rekha Chowdary, a student of Service Program, Reg. No. 0221028038...of the Department of Commerce, Dr. A.E.R. Degree P.G College do hereby declare that I have completed the mandatory community service from December to January...in Mangalam..... (Name of the Community/Habitation) under the Faculty Guideship of Dr. M. Eswara Reddy (Name of the Faculty Guide), Department of B.com(CA)...in Dr. A.E.R. Degree P.G... College


(Signature and Date)

Endorsements



Faculty Guide


HEAD
Head DEPARTMENT OF COMMERCE
Dr. A.E.R. DEGREE / P.G. COLLEGE
TIRUPATI


Principal

PRINCIPAL
Dr. A.E.R. Degree College
TIRUPATI

Certificate from Official of the Community

This is to certify that K.Rekha.Chowdary... (Name of the Community Service Volunteer) Reg. No.0221028038.... of Dr.A.E.R.Degree PG College (Name of the College) underwent community service inMangalam..Thupati(U). (Name of the Community) from..December-2022 to ...January-2023.

The overall performance of the Community Service Volunteer during his/her community service is found to beGood..... (Satisfactory/Good).



Authorized Signatory with Date and Seal



ACKNOWLEDGEMENTS

With immense pleasure, I Ms. K. Rekha Chowdary presenting Dairy business Project Report as part of the Curriculum of 'Degree (Bachelor of Commerce (CA))'. I Wish to thank all the people who gave me the Unending Support.

I express my profound thanks to my Nodal officer, Mr. S. Akhil Ansari and my Director Mr. Eshwar Reddy Sir and also My Principal Mr. Vijay Bhaskar Reddy Sir for Encouraging me morally to do this Project Work.

Also, I would like to thank all the other Staff and my Parents and also the Volunteers Present in Sachivalayam for making my Project work Successful.

I would like to thank my Community Members for Showing gratitude and attention toward my Project.

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.

Generally, A Community Is a Social group where members have Something in Common, Such as a Shared government; geographic location; Culture or heritage. A Community Can also refer to the Physical location where Such a group lives.

Activities Done :-

1. Conducted Survey in Our Community.
2. Collection of Details required for my Project.
3. Creation of Awareness.
4. Identification of Problems.
5. Providing Solutions for the Problems Identified.

Learning Objectives and Outcomes :-

* The main Objective of Dairy business is to Create awareness to the people who are maintaining the dairy business Unit

* The Outcomes of Dairy business Unit are :

- a) On-farm Production
- b) Safe, Quality Milk Production.

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.

Community - Habitation :-

The Community that I had choosed is Mangalam-Tirupati (Urban) Mandal. Mangalam is an locality in Tirupati which is Very near to Royal Nagar and even to Many Shopping Areas. It is well-developed with R&B Modifications (Roads and Buildings). Mangalam is Very closely located to many Educational Institutions.

Community - Mangalam

Mandal - Tirupati (Urban)

District - Chittoor

State - Andhra Pradesh

Country - India

MLA - Dr. Chevireddy Bhaskar Reddy.

Pincode - 517507

Location - $13^{\circ} 6' 75.459''$ N and $79^{\circ} 47' .4022''$ E

Socio-Economic Condition :-

Count	Total	Male	Female
Population	600	400	200
Literate	400	250	150
Illiterate	200	60	140

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.

This Community Service Project is about enhancing awareness about the Medications to be taken for the Cattle present in Dairy business Unit in my Community. In this Process, I have Prepared a Survey form for making the people to Understand the Concept Easily. This Survey is Conducted from HIG to LIG

Values Acquired :-

- 1) Only in India, not only considering the cattle for the production of milk but also they were treated as "Gomatha".
- 2) Treating Cattle as kids and Serving Many People too.

Life Skills Acquired :-

- 1) I learnt to treat the people and even the cattle in an equal way.
- 2) Focus and Self-Control.

Technical Skills Acquired :-

- 1) By Conducting Awareness Programs, I came to know the Usage of Electronic Items that are Used in a dairy business Unit.
- 2) Even, I have learnt Some technical skills that are Used for the purpose of Online-Trading.

ACTIVITY LOG FOR THE FIRST WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day - 1	Introduction of Community.	* knowing about the Community and its Meaning.	A. Jey
Day - 2	Community - Details	1) Population 2) Number of Houses. 3) Literacy; Illiteracy.	A. Jey
Day - 3	Cattle - Information	1) Total Count 2) Male, Female Count 3) Calf Count.	A. Jey
Day - 4	Dairy Business Units.	1) Location/Place 2) Turn-Oven 3) Maintenance.	A. Jey
Day - 5	Cattle - Food Habits.	1) Water habit 2) Timings 3) Grass type - eating.	A. Jey
Day - 6	Survey On One Dairy business Unit.	* Filling the Survey form by collecting the details.	A. Jey

WEEKLY REPORT

WEEK - 1 (From Dt.01/12/2022.. to Dt.06/12/2022..)

Objective of the Activity Done:

Community and Dairy Business Unit.

Detailed Report:

In the first week of my Community Service Project, I have collected the details of the Community and the dairy business Unit as my project title is Dairy Business. I have chosen dairy business because, it is the source of income and the most important food habit to each and every person.

Generally, A Community is a group of people living in the same place or having a particular characteristic in common. In a community, the condition of sharing or having certain attitudes and interests are common.

By the Survey Conducted in the first week, I came to know that the dairy business is one type of agriculture that focuses on the production of milk. It involves the raising of extremely milk-productive cattle for commercial use to produce milk.

The first week of Survey States that the cattle are fed grain mixed with hay, corn silage and other feeds to create what farmers and nutritionists call a total mixed ration (TMR). TMR is very important to the cattle because it ensures the cattle to get the proper nutrition.

ACTIVITY LOG FOR THE SECOND WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day - 1	Questionnaire Conducted With Cattle Owners.	1) Food habits 2) Health 3) Caring.	A. Jyoti
Day - 2	Cattle- Milk Production.	1) Quantity 2) Quality 3) Distribution	A. Jyoti
Day - 3	Cattle- Uses	1) Worship 2) Milk 3) Meat	A. Jyoti
Day - 4	Cattle- Maintenance	1) Clean Environment 2) Fresh food 3) Cleaning of Body.	A. Jyoti
Day - 5	Survey form Distribution	* I have distributed Some Survey forms for Quick Results.	A. Jyoti
Day - 6	Survey Conducted on a Dairy business Unit	* Conducted Survey by the help of a Survey form.	A. Jyoti

WEEKLY REPORT

WEEK - 2 (From Dt. 08/12/2022. to Dt. 13/12/2022...)

Objective of the Activity Done:

Details of Cattle

Detailed Report:

In the Second week of my project, I made a Survey by Questioning the Cattle owners and also by the help of filling the Survey forms.

Generally, the Cattle is an animal and the Cattle are large, domesticated, cloven-hooved herbivores. They are a prominent modern member of the Subfamily Bovinae and the most widespread species of the genus Bos. Adult female cattle are referred to as cows and adult male cattle are referred to as bulls. The young ones of the cattle are termed as Calf.

I had conducted the Survey of Milk production by the cattle in the Second week. It states that after the birth, the cattle will generally produce Milk for ten months before they are given a period of rest of about two months before the next calf is born. The period when a cattle produces milk is called as lactation.

The Survey of Second week had given the Uses of Cattle. Cattle are raised as livestock for Meat; Milk and hides to make leather. In India, Cattle mainly the Cow is considered Sacred and their milk is widely consumed.

The house for the cattle is Under Alarm Condition, clean condition. Extra teats beyond 4 should be removed at 1-2 months of age. 8-9 weeks of age, males should be castrated. The body should be cleaned and dried to avoid fungal infection.

ACTIVITY LOG FOR THE THIRD WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day - 1	Awareness Program - Arrangements.	* Outcoming from fearness to talk with Darkness.	A. Jey
Day - 2	Vaccination	* knowing the Process for Cattle Vaccination.	A. Jey
Day - 3	Medication	* knowing the Process of Proper Medication to the Cattle.	A. Jey
Day - 4	Health checkup	* knowing health-condition of the Cattle and even it's health-updates too	A. Jey
Day - 5	Cattle - Caring	* knowing the Caring Process for a cattle.	A. Jey
Day - 6	Survey on Daisy business Unit.	* Collection of Complete details of that Particular Unit.	A. Jey

WEEKLY REPORT

WEEK - 3 (From Dt.15/12/2022.. to Dt.20/12/2022..)

Objective of the Activity Done:

Awareness of Vaccination and Medication

Detailed Report:

In my third week of Survey regarding with Community Service project, I have conducted an Awareness program with regarding to the Vaccination to be given and the Medication to be taken.

The Vaccinations that are to be given for the cattle for the time period of Months / Years are :-

- 1) 4-way Viral BRD
- 2) Pasteurella Bacterin & Leukotoxin
- 3) Haemophilus Bacterin
- 4) 5-way or 8-way Lepto Bacterin
- 5) 7-way or 8-way Blackleg Bacterin

The Vaccination for cattle helps in Stimulating an immune response without causing the disease itself.

The third week Survey gives the information about the Medication to the cattle that at any stage of life, calves, cows and bulls can encounter bacterial infections like pink eye or infected wounds that require treatment with antibiotics. The medication is done with anti-inflammatory drugs and antibiotics for Secondary infections. The Conditions of cattle that require Medication are :-

- 1) Penicillin
- 2) Tetracycline
- 3) Ceftriaxone
- 4) Flunixin
- 5) Trimethoprim
- 6) Enrofloxacin.

ACTIVITY LOG FOR THE FOURTH WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day - 1	Awareness Program- Arrangements	* An Idea that how to conduct an awareness program.	A. Jyoti
Day - 2	Insurance	* Process of taking and claiming of Insurance.	A. Jyoti
Day - 3	Government Schemes	* knowing the Government Schemes that are used for cattle.	A. Jyoti
Day - 4	New Technologies for Maintaining	* Technology Using for the Maintenance of Cattle shed neat.	A. Jyoti
Day - 5	Habitation	* knowing the habitation of cattle along with its habits.	A. Jyoti
Day - 6	Dairy Business Unit- Survey.	* Collection of details in a Dairy Business Unit.	A. Jyoti

WEEKLY REPORT

WEEK - 4 (From Dt. 22.11.2022. to Dt. 26.11.2022.)

Objective of the Activity Done:

-Awareness program of Government Schemes

Detailed Report:

In the Fourth Week, I have done an Awareness Program regarding with Government Schemes ; Insurance ; Habitation and the new technologies for Maintaining the cattle.

The Central Government has implemented the Scheme of National Livestock Mission (NLM). The Sub-mission on feed and fodder development is being implemented under NLM, aiming towards encouraging entrepreneurs for establishment of fodder block / Hay Boiling / Silage making Units by providing 50% Subsidy upto ₹.50 lakh.

The Schemes/programmes provided by the Government to the cattle are :-

- 1) Rashtriya Gokul Mission (RGM)
- 2) National Livestock Mission (NLM) Livestock Health
- 3) National program for Dairy Development (NPDD)
- 4) Livestock Census and Integrated Sample Survey (Lc & Iss)
- 5) Dairy Infrastructure Development Fund (DIDF)

The insurance of cattle protects Indian rural people from financial loss incurred due to the death of cattle. IDFC ERGO offers the cattle insurance policy for protection of financial loss due to death or disablement of the cattle. In respect of Scheme animals, the premium is ₹. 203.00 for 32 Months. (Yellow tag on ear indicates Insurance).

The main technology of maintaining the cattle are electronic scanning ; Milking ; Heat / heat detection ; Auto-Weighing ; Auto-drafting ; genetic improvement ; Feeding ; Barn Optimization and Health Monitoring.

ACTIVITY LOG FOR THE FIFTH WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day - 1	Export of Milk.	1) Online Export 2) offline Export 3) Factory Export	A. Jay
Day - 2	Meat - Exportation	1) To Shops 2) To other Countries 3) To other States.	A. Jay
Day - 3	Cattle- Cultivation	* knowing the knowledge about the Usage of Cattle for cultivation	A. Jay
Day - 4	Cattle-hair Usage Explanation	* Usage of Cows or buffaloes hair Present in the tail.	A. Jay
Day - 5	Cattle-Dung Utility.	* knowing the Usage of Cattle Dung-for many Purposes.	A. Jay
Day - 6	Survey On the Dairy business Unit.	* Collecting the details from the Dairy business Unit.	A. Jay

WEEKLY REPORT

WEEK - 5 (From Dt. 09/12/2022. to Dt. 03/01/2023..)

Objective of the Activity Done:

Cattle product Export

Detailed Report:

In the fifth week of my Survey on Community Service project, I made an awareness program in the motive of profit to the cattle owners in the business of a Dairy P.e., Dairy business. The cattle products that were sold in the local may not provide that much amount of profit but by exporting them to the outside countries, it gives high amount of profit.

To export the products, Agricultural and processed food products Export Development Authority (APEDA) certificate is compulsory. On Mandatory India exports most of its dairy products to :-

- 1) United Arab Emirates
- 2) United States
- 3) Bangladesh

The Export of Dairy products is done by submitting an e-form on the APEDA's portal. India Exports buffalo meat on condition as the Slaughter of Cattle is prohibited given that many Indians consider Cows Sacred.

Cultivation with cattle involves the rearing and Management of two types of Animals :-
1) A Group for food Requirements like Milk
2) A Group for labour purposes like ploughing and Irrigation.

Even cattle dung is also used as fuel in the form of dried cakes for cooking and heating as well as production of Bio-gas.

CHAPTER 5: OUTCOMES DESCRIPTION

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

Socio-Economic Survey :-

My habitation in the Community Service project is Mangalam-Tirupati (Urban). Mangalam is economically and socially stable. The economic conditions of my community are fine as everyone owned own house and does work for living. Four-Five families were struggling financially as of the physical disability persons have access of cattle to earn. They use to solve problems and they collectively celebrates festivals grandly.

Questionnaire prepared for the Survey :-

1. What is the size of the family?
2. How many males and females present in your family along with their ages and literacy status?
3. What is the source of income to your family?
4. The house you are living is Own or Rented?
5. The family you are living is joint or Nuclear?
6. Is there any other source of income to your family?
7. How many cattle do you have?
8. What is the food habitations of the cattle?
9. What are the medications that are being taken?
10. Are you receiving Schemes of cattle from the Government?

Questionnaire Schedule

Kommuneni Rekha Chowdary

B.Com (CA)

Dr. A.E.R. Degree PG College

S.V University

Tirupati

Community : Mangalarn

Mandal : Tirupati (U)

- 1) Gender : a) Male b) Female c) Prefer Not to Say.
- 2) Age : a) 20-29 b) 30-39 c) 40-49 d) 50-59 e) 60-69 f) 70 above
- 3) Annual Income : a) 30,000 - 45,000 b) 50,000 - 70,000
c) 80,000 - 95,000 d) 1,00,000 - above.
- 4) Village / Habitat Name : _____
- 5) Mandal Name : _____
- 6) How Many Years have you been Engaged in Dairy Business :
a) 01-05 b) 06-10 c) 11-15 d) 16-20 e) 21-25 f) 26-Above
- 7) Do you Own Shed for Cattle Stay : a) Yes b) No
- 8) Do you have Land of own for Grass : a) Yes b) No
- 9) Source of Food and Water:
a) Borewell (Well) b) Grass c) Waste of Vegetables d) Rainy Water
- 10) What type of Cattle do you Have :
a) Cow b) Buffalo c) Used for Irrigation (Ox)
- 11) Do you have any Shed for Storing Cattle food : a) Yes b) No
- 12) What type of flour is mixed along with Water : a) Gram flour

Describe the problems you have identified in the community

Problems Identified in the Community :-

1. Low Productivity
2. High economic losses
3. High Mortality Rates
4. Poor Growth
5. Metabolic Disease

- 1) Low productivity creates a cascade of problems. When there are issues with workflow, poor decision-making or Scope Creep, it can cause low morale within the entire team.
- 2) High economic losses due to animal diseases. The diseases in livestock pose major economic burden to the farmers.
- 3) High Mortality Rates of cattle are due to :-
 - a) Nitrate poisoning
 - b) Ruminal Acidosis
 - c) Grass Tetany.
 - d) Bloat.
- 4) Poor Growth is due to Underfed energy don't gain weight and those that are Underfed protein don't grow to the proper skeletal size.
- 5) Common Metabolic diseases of cattle are :-
 - a) Ketosis
 - b) Milk fever
 - c) Grass Tetany
 - d) Downer
 - e) Cow Complex.

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.

Short - term action plan for possible Solutions :-

1. Low productivity :- * Choosing the right Cattle breed.
* Care for the land and Forage
2. High-economic losses :- * Consulting Doctors for Diseases Reduction
* Maintaining Proper Livestock
3. High-Mortality Rates :- * Feeding Bio-Mos to the Calf itself
* Feeding of Calves after birth.
4. Poor Growth :- * Add Grain into the Daily Diet.
* Add a Weight Gain Supplement.

5. Metabolic Disease :- * Providing anti-inflammatory drugs.
* Antibiotics for Secondary Infections.

Long-term action plan for possible Solutions :-

1. low productivity :- * Enhance the Marketing Skills.
* Developing the financial plan
* Protecting and prioritizing Animal health.
* Smart water Management.
2. High-economic losses :- * Supply of high-Nutrient Diets.
* Increasing the amount of Concentrates in Diets.
3. High-Mortality Rates :- * Regular and Routine foot trimming
* Regular health and Medication check-up
4. poor Growth :- * Prevent Illness and parasites.
* Use Creep Feeders During Weaning.
5. Metabolic Disease :- * Limit Calcium Intake
* Add Chromium Supplements to the Diet

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

Community Awareness programmes Conducted :-

An awareness program was Conducted in the locality of Mangalam-Tripuri (Urban) District ward number:-04 on Dairy business Units. The awareness program is Conducted with regarding to the creation of awareness to the Dairy business Unit.

Totally, Five Community Awareness programmes were Conducted in my Community and they are as follows:

1. Awareness about Insurance
2. Government Schemes
3. Export of Cattle products.
4. Medication - Vaccination
5. Health checkups.

Outcomes of Conducted Community Awareness programmes :-

1. "Awareness about insurance" Campaign was Conducted to prevent loss to the Cattle reeves by the process of Making Insurance.
2. "Government Schemes" Campaign was Conducted to Create awareness about the Schemes provided by the government.
3. "Export of cattle products" Campaign was Conducted to make the cattle reevers to get More profit.
4. "Medication- Vaccination" Campaign was Conducted to Create the awareness about the medication and Vaccination to be taken for the cattle.
5. "Health checkup" Campaign was Conducted to Create the awareness of taking health care of the cattle.

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 6 pages.

Mini- Project Work.

Habitation :- Habitation is also termed as Community. The habitat that I had chosen for my project work is Mangalam-Tirupati(v). The Report is about the Dairy Business. As a part of Community Service Project, I have conducted a Survey at Mangalam of Ward Number :- 04.

This report of mini-project work can be displayed by the Usage of :-

- 1) Bar graphs
- 2) Pie-charts
- 3) Tables

According to the Survey that I have conducted in my Community, the Usage of Cattle present in Dairy business is Huge. There are many advantages with regarding to the Cattle. The Milk produced by the Cattle is Used to drink by Small age kids to Old age people too. This Survey made me to Serve my Community.

Insurance Policy :-

The cattle insurance aims to cover most of the rural Indians who have cattle, the claim is non-payable. It makes the cattle owners to get no loss.

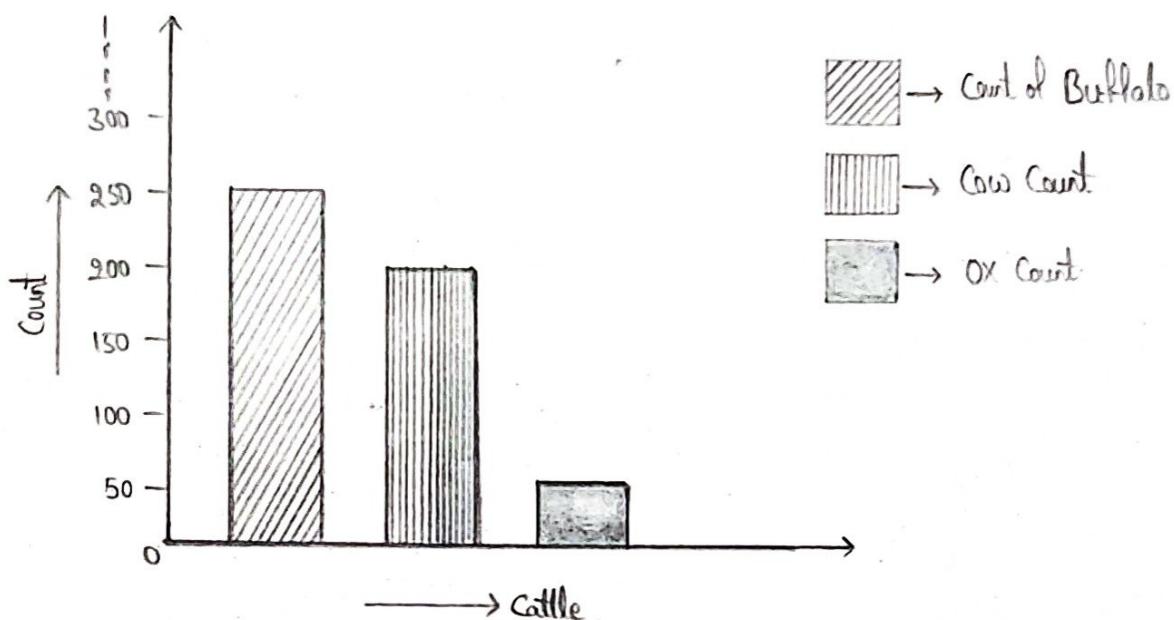
Animal Type	Type of Insurance	Animal Age	Amount Paid/Given by the Insurance
Milch Cows	Death of the cattle	2 years at 1 st Calving - 10 years	2 lakh per Policy
Milch Buffaloes	Permanent disability of the cattle	3 years at 1 st Calving - 12 years	10,000 - 54,000 annually
Stud Bulls	Death	3 years - 8 years	11,776 per annum
Bullocks and Male buffaloes	Death	3 years - 12 years	3 lakh per Policy
Female Calves / Heifers	Permanent Disability	4 months - 2 years 1 st Calving age	1,000 for 32 weeks
Milch Cow's offspring	Death	4 months - 2 years 1 st Calving age	1.5 lakh - 2 lakh per Policy
Milch Buffaloes offspring	Permanent Disability	3 years - 1 st Calving age	50,000 - 55,000 Annually

Interpretation :-

By the above data, I conclude that besides death/disability caused by fire, road accidents, Drowning, Electrocution, Snake bites/ poisoning, Cattle Insurance offers coverage for other issues as well.

Total Count of Cattle :-

Cattle includes Cows ; Buffaloes and even Some Number of Ox's too for the Purpose of Agriculture or Cultivation. The data that I have Collected in my Survey is as follows,

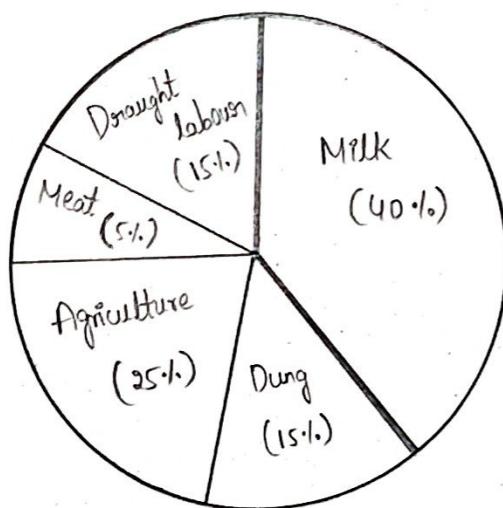


Interpretation \Rightarrow

The above bar graph gives the Complete Count of the Cattle that are present in my Community. By this, we can Observe that the Count of Buffaloes are high Compared With the Count of Cows and Ox's. Both the buffaloes and Cows are Used for the Production of Milk and even for the Purpose of Cultivation. Whereas, the Ox's were Only Used for the Purpose of Cultivation. Milk Produced by Cow's and buffaloes is Very Healthy to Everyone.

Cattle Usage :-

Cattle is used in many ways. Cattle is raised as livestock and even used to make leather too. In India, cattle is considered as sacred and their milk is widely consumed. Cattle provides the maximum requirement for farming activities and helps in the transportation of goods.



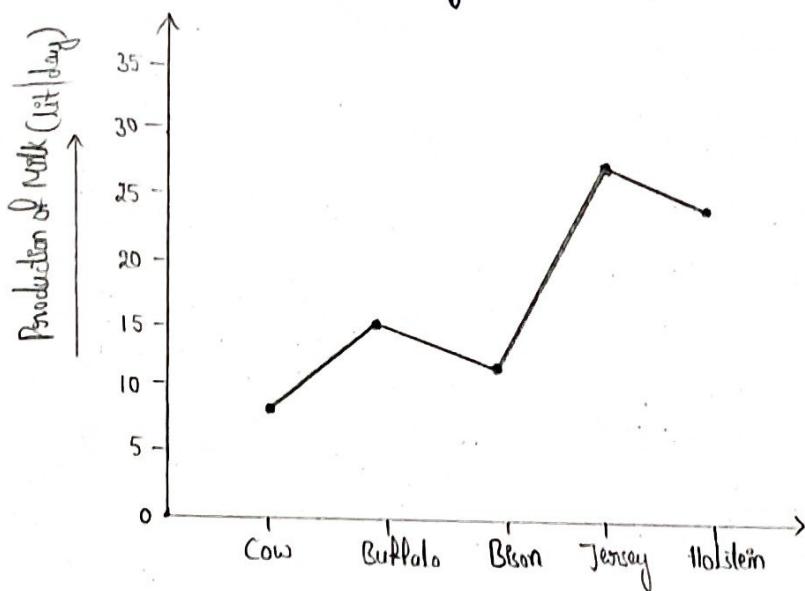
Product	%
Milk	40%.
Dung	15%.
Agriculture / Cultivation	25%.
Meat	5%.
Draught Labour	15%.

Interpretation :-

The above data analyses that the cattle is not only used for the production of milk but also used for many other purposes like cultivating the agricultural land; Dung as the organic manure; Meat for other countries (Export); Draught labour for the purpose of transportation of person and also the goods too i.e., Bullock carts.

Production of Milk :-

Milk is produced by approximately 15 million dairy farming households with an average of 1.8 adult cows/buffaloes per farm producing approximately 6.4 litres of milk per farm/day. The milk production by the cattle in my community as follows:

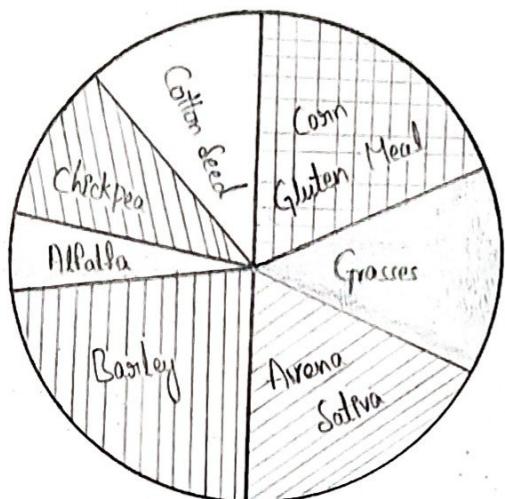


Interpretation :-

By the information that I have collected, I concluded that the average production of Milk by the cattle per day is of 10 litre. A Jersey Cow is equal to 5 normal cows and 2 buffaloes and even three bison cows. The Milk Produced by the cattle is used for daily purpose and even for the purpose of storing it into the Milk packets too.

Diet Plan for the Cattle :-

The high producing dairy cattle requires a diet that supplies the nutrient needs for high milk production. The Diet intake by the cattle as follows :



- ◆ → Grasses (16%)
- → Cotton Seeds (11%)
- → Bankey (25%)
- ▲ → chickpea (10%)
- ◆ → Ajwain (4%)
- → Alfalfa (17%)
- → Corn Gluten Meal (17%)
- ▲ → Avena Sativa (17%)

Interpretation :-

According to the data collected, I can conclude that the cattle uses to take more amount of bankey in its diet and then, the intake of both Corn Gluten Meal and Avena Sativa is equal and when compared with Alfalfa, the intake of chickpea is more. When the chickpea intake is compared with others, it is low and the intake of cotton seeds is less than the intake of grass.

Vaccination and Medication For Cattle :-

Vaccination helps in stimulating an immune response without causing the disease itself. Medication for cattle is to be done for bacterial infections.

Animal Type	Vaccination		Medication For
	Vaccine	Time Period	
Milch Cows	4-Way Viral BRD	3 months above	Penicillin
Holstein Cow	Haemophilus Bacterin	4-8 Months	Florfenicol
Stud Bulls	5-way Lepto Bacterin	Yearly Once	Tilmicosin
Milch Buffaloes	Pasteurella Bacterin and Leukotoxin	6 months	Enrofloxacin
Bullocks and Male buffaloes	7-Way Blackleg bacterin	2 Months	Tetracycline

Interpretation :-

By this information, I came to know that the vaccination and medication for cattle creates early exposure to disease-causing organisms, where the cattle immune system is able to recall the infectious agent to which the cattle is vaccinated and medicated.

CHAPTER 6: RECOMMENDATIONS AND CONCLUSIONS OF THE MINI PROJECT

Recommendations of the Project :-

1. Developing the dairy business plan Using SWOT Analysis.
2. Consultation of Experts.
3. Creating a Cropping and Feeding Program.
4. Delivery of Correctly mixed dairy feed Rations
5. Maintaining Quality and Quantity Within a diversity Supply base

Conclusions of the Project :-

1. Dairy business is a potential Sub-sector for generation of income and Employment.
2. I would like to Conclude that 70-80% of the dairy business families of Small farmers, marginal farmers and landless labourers are Employed in the Sub-Sector of dairy business.
3. Also, I would like to Conclude that the Dairy business generates Employment With least Unit Cost of Employment.
4. The main Conclusion of this Project is that the milk and milk products are not only a Valued Source of nutrition and provide income and employment to a large Section of Indian population.

Student Self-Evaluation for the Community Service Project

Student Name: Kommireddy Rekha chowdary

Registration No: 0221028038

Period of CSP: From: December To: January

Date of Evaluation: 17-05-2023

Name of the Person in-charge: Dr. M. Eswara Reddy and S. Akhil Ansari
Address with mobile number:

Please rate your performance in the following areas:

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: 17-05-2023


Signature of the Student

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

Student Name: Kommneni Rekha chowdary

Registration No: 0221028038

Period of CSP: From: December To: January

Date of Evaluation: 17-05-2023

Name of the Person in-charge: A. Ganesh

Address with mobile number:

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: 17-05-2023


Signature of the Supervisor

PHOTOS AND VIDEO LINKS

