

Model Program Book



SHORT-TERM INTERNSHIP (On-Site/Virtual)

Designed & Developed by



**ANDHRA PRADESH
STATE COUNCIL OF HIGHER EDUCATION**

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)



An Internship Report on

Enhancing Cold Storage Efficiency and
Sustainability in Agriculture
(Title of the Internship)

Submitted in accordance with the requirement for the degree of

Third B.A HEP.

Under the Faculty Guideship of

T. Nagreewara Reddy

(Name of the Faculty Guide)

Department of

History

(Name of the College)

Submitted by:

D. Suresh

(Name of the Student)

Reg.No: 21110041007

Department of

History

(Name of the College)

SV B Govt Degree College

Koi/Kuntla - 518134

Page No:

Student's Declaration

I, D. SUNIL a student of internship
Program, Reg. No. 211100110007 of the Department of B.A S.V.B. Govt degree
College do hereby declare that I have completed the mandatory internship
from 7-08-2023 to 06-10-2023 in Edula Sivareddy Cold Storage.
(Name of
the intern organization) under the Faculty Guideship of
P. Nageshwar Reddy (Name of the Faculty Guide), Department of
History, S.V.B Govt degree College,
(Name of the College) Kotticuttla.

D. Sunil

(Signature and Date)

Page No:



Official Certification

This is to certify that D. SUNIL (Name of the student) Reg. No. (INTERSHIP) 2110041007 has completed his/her Internship in

Ind B.A. HEP (Name of the Intern Organization) on

Edula Sivareddy Cold Storage (Title of the Internship) under my supervision as a part of partial fulfillment of the requirement for the

Degree of Ind B.A. in the Department of History

S.V.B. Govt degree (Name of the College).

This is accepted for evaluation.

(Signatory with Date and Seal)

Endorsements

Faculty Guide

Nageshwar Reddy

Head of the Department

History

Principal

M. Ram Sub N

PRINCIPAL 6/4/23

S.V.B. GOVT DEGREE COLLEGE
KOILKUNTALA, NANDYAL (Dt.)

Page No:

Certificate from Intern Organization

This is to certify that Short Term (Name of the intern)
Reg. No. 789.865 of S.V.B. Govt degree (Name of the
College) underwent internship in Edula Sivareddy College (Name of the
Intern Organization) from Koilkuntla to Koilkuntla

The overall performance of the intern during his/her internship is found to be
Edula Siva Reddy (Satisfactory/Not Satisfactory).

Authorized Signatory with Date and Seal

Page No:



Acknowledgements

Edula Siva Reddy cold storage

The intership Andhra Pradesh in Edula Siva Reddy cold storage in Location Kollakuntla Road chillies and Chana, whole mong, split mong, moong dal orage Acknowledgements tight of bulding for a chilly aling in room storage Typically, chilly cold storage of 6 floors Ground floor {w.f.f} 1,2 ft. 5th floor {9 Ft each} in exact loading in The chilly store

* :- dry chillies local Kurnool market in Andhra Pradesh and dry chillies red market in Andhra Pradesh Guntur Andhra Pradesh q/units INR

market	District	Price
Hindupuram	Anathapur	quinta 15,000
Kurnool	Kurnool	quinta 11,899
Guntur	Guntur	quinta 19,700.

CHAPTER 1: EXECUTIVE SUMMARY

The internship report shall have only a one-page executive summary. It shall include five or more Learning Objectives and Outcomes achieved, a brief description of the sector of business and intern organization and summary of all the activities done by the intern during the period.

Introduction:-

Cold storage industry, is a very important and else industry. The temperature is maintained with the help of precision instruments. Cold storage is used to preserve fruits, chilies, and all stock. Once they are kept in the cold storage, they are used to preserve them. Once they are kept in the cold storage, they don't get spoiled even after many months.

The developments of cold storages in the country has an important role in the marketing of cold storage. The local distribution network i.e.

The internship report shall have or have a cold storage objectives and organization.

Page No:

CHAPTER 2: OVERVIEW OF THE ORGANIZATION

Suggestive contents

- A. Introduction of the Organization
- B. Vision, Mission, and Values of the Organization
- C. Policy of the Organization, in relation to the intern role
- D. Organizational Structure
- E. Roles and responsibilities of the employees in which the intern is placed.
- F. Performance of the Organization in terms of turnover, profits, market reach and market value.
- G. Future Plans of the Organization.

Storage in India :-

The first problem is that there aren't enough cold storages. The government is offering some TO TRY TO PICK THIS UP, but it is still, capital intensive. There are all so very different business models at play.

There is a need for it

The need is to words storing grains and seeing it at a better price once the harvest season is over for example climbs, as high 3-4 times off seasons and is very easy to store most farmers don't because they don't have space to store it.

CHAPTER 3: INTERNSHIP PART

Description of the Activities/Responsibilities in the Intern Organization during Internship, which shall include - details of working conditions, weekly work schedule, equipment used, and tasks performed. This part could end by reflecting on what kind of skills the intern acquired.

Cold storage - down-throw Product cooler in the
more fins for fans for high Test Pressure TO
leak Protect call Download air flow pattern is equal
distraction of air Chickpeas, Spitting moongdal, for
Splint green gram mongdal chillers, Thosadal
Total item Proper Cooling extend the shelf life

Storage Temperature, 5000, MT could 80°C
Storage Temperature 2,500 MT Chilli Storage
{30TR}

The internship Andhra Pradesh in Edula
Shiva reddy Cold storage in Location Kollakutta
Redchilly and Chandra, whole mong, splinting,
moongdal storage Acknowledgment's high of building
for the Chilly Cooling in Room Storage.

Page No:

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Friday. Edula sivarreddy Cold Storage (Koilkuntla)	Cold Storage - Down Throw Product cooling	
Day - 2	Stock saving storage in Edula Siva reddy Cool Storage	Product Stocked in 3 years & 4 years	
Day - 3	5th The floor is high efficiency	$3 \times 5 = 15$ fans	
Day - 4	Different stock, food and Chana whole moog chisel	Stock is totaling Stock Product Cooling	
Day - 5	Storage temperature	$+10^{\circ}\text{C}$ Temperature	
Day - 6	Cold Storage Packing left. Price in idare	Use full Loading lift	

WEEKLY REPORT

WEEK - 1 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report:

- * However if cold storage facilities are used the product may be stored for 4-3 years
- * Cold storage - Down Throw Product cooler
- * $3 \times 5 = 15$ fans
- * Sph were fins for fans for hig
- * Tube Test pressure to leak
- * Down ward air flow power for equal
- * Chick peas, splitting, moongdal, split green
- * Storage Temperature 5000 MT could
- * 8°C stored Temperature 2,500 MT
(30TR)
- * Cold storage Loading Lifts, with in 5 floors
- * could storage in A Tomarind, sorghum.

ACTIVITY LOG FOR THE SECOND WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Water SUPPLY room cooling Mechan Important mech	Water Discharge Pressure KPCCL:- 10 to 15	
Day - 2	Suction Pressure 14.2	ammonia val 160 Kg	
Day - 3	Oil Pressure 16.4	A.B SUPPLY ammonia	
Day - 4	Disprant liquid Change Cooling Ice to at dead	Total 5 gram Total T 10°C Cooling	
Day - 5	Enriching live to (QTRP)	Ammonia-ane Cooling Change	
Day - 6	ammonia sin 4 store ranig SUPPLY Suctio	How day 7140 (24 hours)	

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report: water supply:-

6 feet loose pad water cooling system with cold storage system dehumidification disprant closer one entriship figorfigue

* a cooling system natural engry from disqual ambient air Temperature difference

* water is cooled at hight by pad cooling tower and stored for cooling application at

* overall reach for cooling day time

* overall COP reach 9.4 Room Temperature Higher Than 40°C

* feasible for data Center cooling

The present study develops a cooling system water as the working medium which is cooled at hight by That is it until the natural draw from ambient air Temperature difference.

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Storage (broyar) That on Explane	Total broyar $3 \times 5 = 15$	
Day - 2	Unit STOCK Chick Split mang mong Deu	Total item Proper cooling	
Day - 3	Motor Protection Speed Bypass Processing	→ 100° Dabul → 3 1/2 level → air - GTPL	
Day - 4	Temperature is storage	15.1 and 18.12 Temperature	
Day - 5	Chima Charge		
Day - 6	Gas liquid change cooling Reate	Storage all cooling	

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report: A cooling system was built and tested it is found that the coefficient of performance of for heat dissipation of water at night is between 3.8 and and varies with the evaporation

Temperature difference between cold water temperature in the storage tank and wet temperature air

The COP for room cooling at day time run with air cooler in a room COP day is between 8.8 and 12.6 for day cycle operation. The measured overall cooling temperature 45°C

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

A cooling system was built and tested. It is found that the coefficient of performance of water at high is between 3.8 and and varies with the evaporation

Temperature difference between cold water temperature in the storage tank and wet temperature air

The COP for room cooling at day time run with air cooler in a room COP day is between 8.8 and 12.6 for day cycle operation. The measured overall cooling temperature 45°C

ACTIVITY LOG FOR THE FORTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	A cold storage facility, works, effect refrigeration which helps	maintain moisture and humidity	
Day - 2	Calculator cooling which is caused at night by low cooling power	(Correct)	
Day - 3	for example climbs as high 3-4 times	Stock 3-4 years	
Day - 4	This item, when needed and be taken to storage	Store item Stock	
Day - 5	Cold storage issued to preserve	Store item Stock	
Day - 6	Business Part	Business Report	

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

- * Over all cap can reach 9.4 for room temperature higher than 40°C
- * feasible for data center cooling

The present study develops a cooling system using water. The working medium which is cold at night by cooling tower (CWT) and stored for cooling application at day time. That is the air temperature engrossed from it's found that the coefficient of performance of 3.8 and and varies with the evaporation.

Page No:

ACTIVITY LOG FOR THE FIFTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	blowers The cooled air is speed across the row	Room air cooling	
Day - 2	The compressor consumes almost all the power in cold room	Compressor only device	
Day - 3	heat dissipation of water at high Plat	3.8 and Discuss lineary with the evaporation	
Day - 4	feasible for data center cooling	Overall COP can reach 9.4 for room Temperature	
Day - 5	Temperature differences $\pm 10^{\circ}\text{C}$	cooling system	
Day - 6	figured 41°C R-n	oil ground val one in the start	

Page No:



WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report: Construction working of a cold storage

Plant :-

A cold storage facility works on a refrigeration system which helps maintain an very temperature and environment as per the special factions of each item being stored. These are the main of cold storage

* Compressor :- it is the main device that runs the cold room it is the only device that needs the energy to run

* Blowers :- The cooled air is speed across the room through the convection process

* $+ 10^{\circ}\text{C}$ Temperature.

Page No:

CHAPTER 5: OUTCOMES DESCRIPTION

Describe the work environment you have experienced (in terms of people interactions, facilities available and maintenance, clarity of job roles, protocols, procedures, processes, discipline, time management, harmonious relationships, socialization, mutual support and teamwork, motivation, space and ventilation, etc.)

Environmental context :-

As part of reach association with education bar sustial ability Rmt visibility sent on invitation, Profisional seeking information about their background work

The invitations to participate in the survey were distributed using the electronic data bases and Net works of such as The center of situation leadership Project lead, Education Delivering peasant colleagues)

Describe the real time technical skills you have acquired (in terms of the job-related skills and hands on experience)

Technolgia Skills:-

- * Develop and maintain local, networks in ways, that optimaze pefromce,
- * Provide opreation and guidance TO users on How TO oprate new sowftware and computer
- * CHECK COMPUTER hardware (HDD, mouse) Key board etc)
- * INSTALL and confice TO approtative Software and function's
- * There is The we of computers TO create, Pross store, retrieve, am exchanged all kinds, of data and in formation
- * in for mation commuication system Techogie.

Describe the managerial skills you have acquired (in terms of planning, leadership, team work, behaviour, workmanship, productive use of time, weekly improvement in competencies, goal setting, decision making, performance analysis, etc.)

Describe The managerial
chill cold storage private limitation
supporting and Edulasiva reddy axvany TransBrt,
activities, of Travel agencies
storage in that 3095 year's stock 300 kase
banding 450 ruppees in stock it
Edulasiva reddy cold storage

bulding = 180 inches

length = 120

width = 120

(2) and one acoprature
one packing place future numbers in that
Edula siva reddy cold storage

Ex: former cold storage stock use fuel
3 st 4 your stock in chine on person
Ramula nageswro 300 and 500 bastanab
store A/c oprature

Describe how you could improve your communication skills (in terms of improvement in oral communication, written communication, conversational abilities, confidence levels while communicating, anxiety management, understanding others, getting understood by others, extempore speech, ability to articulate the key points, closing the conversation, maintaining niceties and protocols, greeting, thanking and appreciating others, etc.)

Appropriately one care of Land is required for a
6000000 cold storage for city. This land
sufficient for cold storage machine room
condenser tank space in all direction
for fire and safety guidelines cold storage
Technology.

Due to the changes in the surrounding
cold storage is must required reformation. It
very costly. but several factors opt to
outside. such as conduct the fire that
most important the factor's conducting
storage are (a) Room Temperature. Relative humidity
① cooling capacity ② Air flow and fire

Describe how could you could enhance your abilities in group discussions, participation in teams, contribution as a team member, leading a team/activity.

Edula siva reddy Cold storage abilities
discussion my name 'SUNIL' write a work
in A group we were participation in a group
were Participation in A/c Global varma is
explain Cold storage and guidance

$+10^{\circ}\text{C}$ Temperature - all stacks cooking
Cold storage loading chills Tradal, Chana

10°C - storage Temperature - Total brayur

$3 \times 5 = 15$ and 16.0° cooling

with The Cold storage system disepant
Once big.

Student Self Evaluation of the Short-Term Internship

Student Name:	D. SUNIL	Registration No:	
Term of Internship:	From: 07.08.2023	To: 06.10.2023	
Date of Evaluation:	1		
Organization Name & Address:	Edula sive Reddy Cold Storage	Gopal Varma	

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: 21-09-2023

D. Sunil
Signature of the Student

Page No: 7



Evaluation by the Supervisor of the Intern Organization

Student Name:	D. Surali	Registration No:	
Term of Internship:	From: 07-08-2023	To: 06-10-2023	
Date of Evaluation:			
Organization Name & Address:	Edula Siva Reddy Cold		
Name & Address of the Supervisor	STORA 9C		
with Mobile Number	9490402714		

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: 01-09-2023

E. Har not M
Signature of the Supervisor

Page No:

For: EDULA SIVA REDDY COLD STORGE



INTERNAL ASSESSMENT STATEMENT

Name Of the Student: D. SUNIL
Programme of Study: PROCS mining
Year of Study: 2021-2024
Group: B.A HEP
Register No/H.T. No:
Name of the College: S.V.B. Govt degree college
University:

Sl.No	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Activity Log	25	15
2.	Internship Evaluation	50	35
3.	Oral Presentation	25	10
	GRAND TOTAL	100	60

Date:

Signature of the Faculty Guide

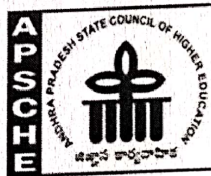
Certified by

Date:

Seal:

Signature of the Head of the Department/Principal
PRINCIPAL
S.V.B. GOVT DEGREE COLLEGE
KOILKUNTALA, NANDYAL (Dt.)

Page No:



**ANDHRA PRADESH
STATE COUNCIL OF HIGHER EDUCATION**

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