

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
Ethanol cold storage efficiency and sustainability in Agribusiness

(Title of the Internship)

Submitted in accordance with the requirement for the degree of
IIIrd BA (H.F.P)

Under the Faculty Guideship of

I. Nageswar Reddy

(Name of the Faculty Guide)

Department of

History

(Name of the College)

Submitted by:

P. Madhavi (S.V.B Govt degree college)

(Name of the Student)

Reg.No: 211100410016

Department of

History

(Name of the College)

S.V.B. Govt degree college Kollaku
h.t.a.

Page No:

Student's Declaration

I, P. Madhavi a student of Phle Ship
Program, Reg. No. 2110041016 of the Department of Histoxd
College do hereby declare that I have completed the mandatory internship
from 7-08-2023 to 6-10-2023 in Edulo Siva Reddy (Name of
the intern organization) under the Faculty Guideship of
T. Nageswara Reddy (Name of the Faculty Guide), Department of
Histoxd, S.V.B Govt Degree College
(Name of the College) Koilkutla

(Signature and Date)

Page No:



Official Certification

This is to certify that P. Madhavi (Name of the student) Reg. No. 2116041616 has completed his/her Internship in B.A (H.E.P) (Name of the Intern Organization) on Edula Siva Reddy Cold Storage (Title of the Internship) under my supervision as a part of partial fulfillment of the requirement for the Degree of IIIrd B.A in the Department of S.V.B Govt College (Name of the College).

This is accepted for evaluation.

(Signatory with Date and Seal)

Endorsements

Faculty Guide

Nageswari Reddy

Head of the Department

History

Principal

H. Ravi Sankar
PRINCIPAL

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

Page No:

Certificate from Intern Organization

This is to certify that Shoxt Texm (Name of the intern)
Reg. No 789865 of S.V.B GDC Nellore (Name of the
College) underwent internship in Edula Siva Reddy College (Name of the
Intern Organization) from Kolukutha to Kolukutha

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

Authorized Signatory with Date and Seal

Acknowledgements

Edula Siva Reddy could store

The internship Andhra Pradesh in Edula Siva Reddy store in location Kollakubla Road Chittels and Sada and Chota whole moong, split moong, dal store Acknowledgement high of building for a child only in room store typical child could store list of 6 floors ground floor (1,2 fl) + 5 floors (9 fl each) in. export using the child stock store list and child's Andhra Pradesh.

Ex: children's local Kuchhal market in Andhra Pradesh and old child's red market - Guntur in Andhra Pradesh. INR

Market	District	Price
Hitha Pucham	Ahath Puch	Guntur 15,000.00
Kuchhal	Kuchhal	Guntur 11,899.00
Guntur	Guntur	Guntur 19,700.00

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 efficient industry. The resource is marketed with the help of precision in statements. Cold storage used to preserve fruits, chills and all other stock once they are kept in the cold storage they do not get spoiled even after many months. Their development is soiled even after the marketing of cold storage follows the local existing distribution network i.e.

The internship report shall have only a cold storage and outwards organization.

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 storage. The government is offering some subsidies to peak this up but it is still there are also very different need jobs.

This need is towards storing grains and selling better the harvest season is over rustic people climb as high as 3-4 miles don't do it 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.

could storage - do with how product cooler sin car
e firs for firs for hig tube pre luche to huer
e leak prot cool dovhued air flow pattern fore
qual distribution chickpeas spillmuhg mach dal
proper cooling efend the shete ife
storage few poluxe 5000 cold 8c slosted fexpe
hux 2,500 MT chillisto xoge (30TR The inter
ship mhoxexodesh edula siva xeddy cold storage
in location kolla kulla Redchillys Toxdal and
choha where machg spail-mohg mach dal st
oxoge Acknowledge rehl:s high 01 buildih
g for a chily cooling in room stor
age.

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	First day saw sivalakshmi & cold storage (Kollak uhlia)	could storage - now there product cooling	
Day - 2	stock saving storage in saw sivalakshmi & cold storage	product stock ed in 3 boxes & 4 boxes	
Day - 3	5th the floor for high efficiency	$3 \times 5 = 15$ for	
Day - 4	different stock too dol chola moohg chilies	stock is total y stock product cooling.	
Day - 5	Storage per partur e	+10° per partur e	
Day - 6	could storage partur e left price in index e	use folding ref -	

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 could storage

- each 1 box product cooler

$$3 \times 5 = 15 \text{ fahs}$$

* shi were fahs for fahs for high of

* there less pressure to ensure product area

* each cold air flow pattern distribution for

* chick peas splitting do split green

from mocha do chillis proper cooling extend in
e shelf life

* storage few patches 5,000 MT could

* 8c stored 1000000 2,500 MT cold storage

(30TR)

* could storage 1000000 fahs fahs with
5 fahs could storage to max 1000000 fahs.

Page No:

ACTIVITY LOG FOR THE SECOND WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	First day edula siva redde y cold storage (Kaila Kutla)	cold storage ooh thya product cooling	
Day - 2	stock saving storage in edula siva redde old storage	product stocked in 3 years 4 years	
Day - 3	stn the floor paks high efficiency	3x5 = 15 foms	
Day - 4	reflect stock too dal and chaha white m oohg chillies	stock is 10 lb 1 y product cooling	
Day - 5	storage few paks luse	+ loc 1e1 pax c luse	
Day - 6	cold storage making left price in the use	use full dihg left	

ACTIVITY LOG FOR THE SECOND WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	First day of the sila xadd y cold storage (Kaila Kutla)	cold storage cooling product cooling	
Day - 2	stock saving storage in edula sila xadd y old storage	product stocked in 3 years & 4 years	
Day - 3	stn the floor has high efficiency	$3 \times 5 = 15$ foms	
Day - 4	represent stock for old chaha while m oohg chillies	stock is 10 lb 1 y product cooling	
Day - 5	storage few porcelux + 10c 10 y porcelux		
Day - 6	cold storage making left price in the use	use full dihg left	

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

water supply- 6 feet cellulose pad water cooling system with cold storage system developed using dissolvent cellulose once. entire process taking at 27°C

* a cooling system utilizing natural energy from dry air temperature difference.

* feasible for data center cooling

The present study develops a cooling system using air as the working medium which is cooled at night by cellulose pad application of dry air that is it utilizes the natural energy from dry air ambient air temperature difference.

* water cooled night by cellulose pad cooling storage for cooling day time.

* overall COP can reach 9.4 for room temperature higher than 40°C

Page No:

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	storage (exothermic) h oh exothermic	total boxes $3 \times 5 = 15$	
Day -2	oil stock check split rooming oil split rooming oil chah	total 911m per cooling exp end shelf lift	
Day -3	motor power and hi gh speed (484000) page processing	1000000 3/2 level 0.1-6' TOL	
Day -4	temperature is storage e	15.1000 16.2 TC M positive cooling ing	
Day -5	china change	room cooling	
Day -6	gas liquid change that cooling react	storage oil cooling.	

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

A cooling system was build and tested it is found that the coefficient of performance of $[COP]$ for heat dissipation of water at night cop is between 3.8 and 11 and varies highly with the evaporation temperature and the difference between cold water temperatures in the storage tank and ambient 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 COP is 5.1 is expected for each 9.4 of room temperature 45°C .

Page No:

ACTIVITY LOG FOR THE FORTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Add -storage facility to the system which helps	both train and by practice old environment	
Day - 2	cellu pod cooling which called high by colle lose pod cooling fan	(CWC1)	
Day - 3	cellu lose cooling which is called high by colle lose pod fan	stock 3-4 years	
Day - 4	This item which needed can be taken from the cold storage	store item stock	
Day - 5	cold storage issued to prevent	storage items lock	
Day - 6	business part	business report	

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

Overall COP can reach 9.4 for room luxeture high 14°C

* Feasible for data center cooling

The present study developing a cooling system using water the working medium which is cooled at night by cellulose and cooling tower (CWT) and stored for cooling application day time that is it utilizes the natural energy drawn from natural ambient air temperature difference. A cooling system was built and tested it is found that the coefficient performance cut for health dissip point of water at high ambient is between 3.8 and 11 and varies linearly 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 worked air is speed across the room	Room all cooli hg	
Day - 2	The computer consum s power in a cold room	computer asure only device	
Day - 3	heat dissipation of wa ter at high wght	38 and the cool ing the evaporat ion	
Day - 4	feasible for data center cooling	overall cap con each 9.4 for room tem each	
Day - 5	temperature differ ences + 10°C	cooling syste m	
Day - 6	liquidized 45' room	oil gashed val the the slot	

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 adequate temperature and environment as per the special facilities each item being stored. These are the main components of cold storage room.

compressor :- It is the main component that runs the cold room. It is the only device needed to the compressor consumes almost power cold room.

condenser :- It is designed to remove the heat from the refrigerant and the circulating water.

Blowers :- The cold air is spread across the room through the convection process thus achieving the desired temperature of the room & low temperature.

Page No:

ACTIVITY LOG FOR THE SIXTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Its required much pack the mass cold room	it the consumer be within the box.	
Day - 2	its required place change of the consider	might join consider led construct act.	
Day - 3	Th high present liquid shocked were	The receiver find high the cost	
Day - 4	it reduce internal volume and ensure the sole guide	Th and self volume	
Day - 5	the cycle processes done as the techniques.	EV volume of act	
Day - 6	The code is more than room thought the coherence.	as were as the coherence room.	

Page No:



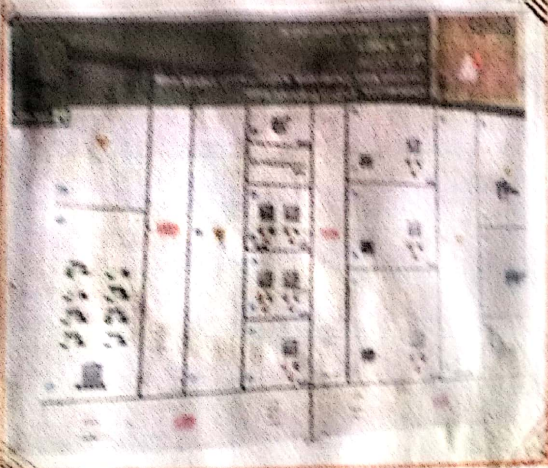
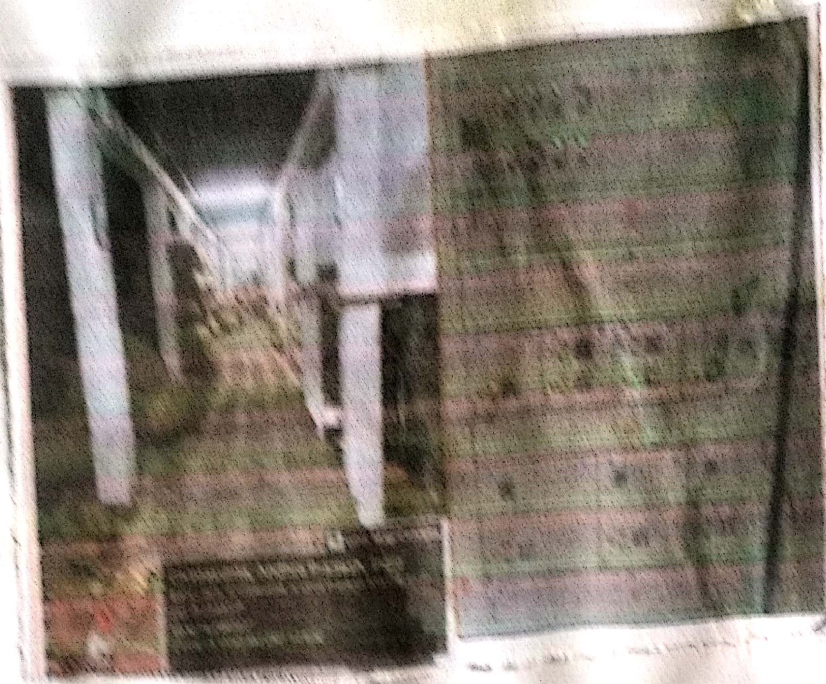
CHAPTER 5: OUTCOMES DESCRIPTION

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.)

Environment mental context :-

As part of research associated with education for sustain ability RMT university sent an invitation to Environment process ment seeking information about their working for work

The invitations to participate in the survey were distributed using the electronic data bases and networks of organizations such as the centre for sustainability leadership and environment as well as work environment education training sustain ability network project led education (environmental research college)



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

technology skills :-

develop and maintain local networks in ways that optimize performance.

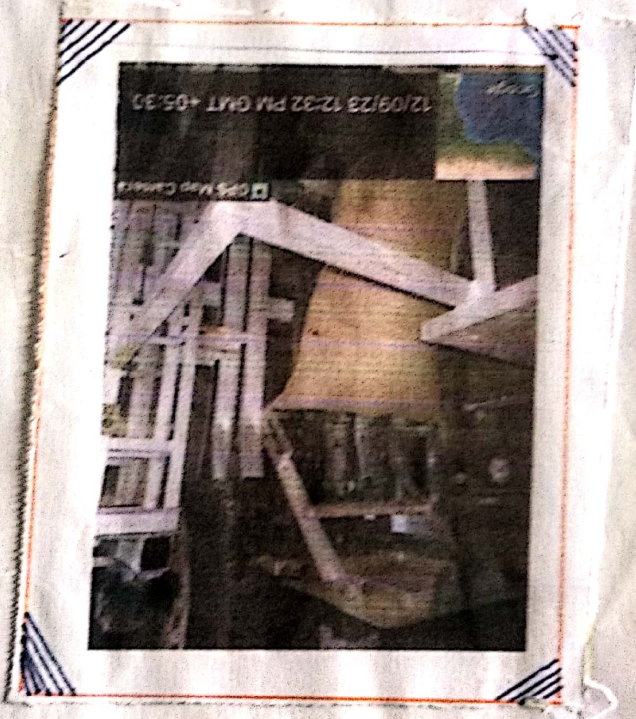
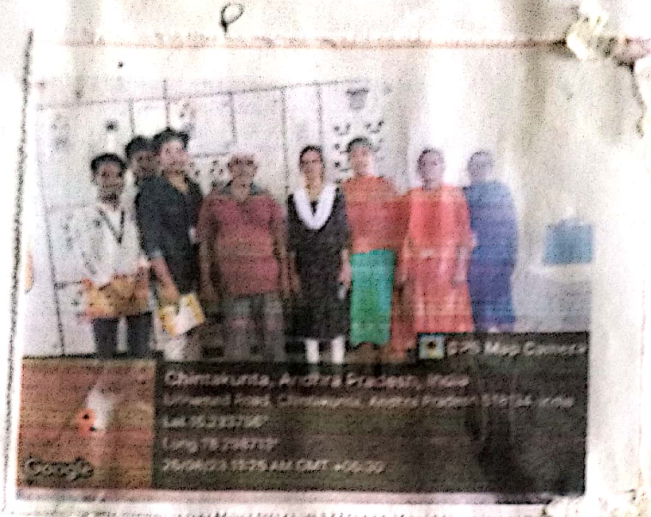
provide orientation and guidance to users on how to operate new software and computer equipment

check computer hardware (Hard drives, keyboards etc) to ensure reliability

Install and configure appropriate software and functions specific to the technology (IT) :-

is the use of computer to create, process, retrieve, exchange all kinds of data and information. It is typically used within the context of business operations referred to as enterprise technology.

technology skills focus on useful combination of develop and maintain the student's focus on technology skills.



Page No:

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 Red chilli cold storage
project related supporting and related activity
transport activities of travel agencies.

Storage in hot zone 5000 stock 300 Kilase building
450 tonnes in stock is education and vary and
storage building = 180 inches

length = 120

width = 120

workers and on operation the packing place
these numbers in the educational cold storage
c

Exs: Father cold storage stock useful 3000 year
s stock in chilli on perish Rahmat nagasau
300 and 600 basket stock
operation Gopashma. Disposal.

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

Technological Skills :-

develop and maintain local networks in ways that optimize performance.

provide orientation and guidance to users on how to operate new software and computer equipment

check computer hardware (hard drives, keyboards, mice) to ensure functions

install and configure applications software and facilities specifications. Technology (IT) :-

is the use of computers to create, process, store, retrieve, exchange all kinds of data and information. It is typically used within the context of business operations referred to as enterprise level technology.

Technical skills refers to useful communication develop and acquired the student. Refer to the technology skills.



Page No:

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 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.)

storage in that zone 500 stock 200 kilose building
450 surplus in stock is education and very and
storage building = 180 inches

length = 120

width = 120

workers and on operation the packing place
these numbers in the total inventory could store
C

Ex: 10000 could storage stock useful 3000 year
S stock in chilli on perish Rahmat nagasua
200 and 500 basket stock dispatch
operation Gopashma.



Page No:

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.,)

Approximately one acre of land is required for a 5000 MT cold storage for chilly. This land required is sufficient for cold storage machine room, rooms and also 20 feet free space in all directions for fire and safety guidelines cold storage technology.

Due to the changes surrounding techniques in horticulture required refrigerated area very costly for cold storage. As the demand for transportation of refrigeration for goods is increased services such as construction proper fire most important factors for chilly cold proper selection of the indoor unit for effective humidity storage are modern designs volume resulting other exceptional facilities besides control modernizing.

Page No:

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

Educa siva Reddy cold storage abilities Education
 his name Madhavi write a short of work in a group
 up discussion as hundreds students in a group as
 are participation in a A/C operation is a group
 lawama his explain old storage and guide him
 the more in formation

+ 10°C temperature all stock cooling cold storage
 stock lift in door loading 5 floor chiller 1000
 dal chana whole chick peas split moong dal
 10°C storage temperature ammonia
 total boxes $3 \times 5 = 15$ and 16.0 cooling capacity
 pad under sliding system with cold storage
 system refrigeration dispatch centres once
 in a day

Page No:

is introducing cold storage



Page No:

Describe the technological developments you have observed and relevant to the subject area of training (focus on digital technologies relevant to your job role)

• Training needs assessment is the process of determining which and what training is required and needs assessments should be a first step before making any training decision without this

training might be used to address problems that is either solve or might not address the high priority needs. The purpose of a training needs assessment is to identify performance requirements need by an organization

to work force to achieve the required obj.

effective training needs assessment will help

direct resource to areas of greatest demand

d. Assessments be divided five steps: define

1 2 determine design of need assessments

3 collect data 4 analyze data 5 provide feedback.

Student Self Evaluation of the Short-Term Internship

Student Name: <u>P. Madhavi</u>	Registration No:
Term of Internship: From: <u>7-8-2023</u> To: <u>6-10-2023</u>	
Date of Evaluation:	<u>Edula Siva Reddy Cold Storage</u>
Organization Name & Address:	<u>-Gopal Vastha</u>

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

P. Madhavi
Signature of the Student

Page No:



Evaluation by the Supervisor of the Intern Organization

Student Name:	P. Madhavi	Registration No:	
Term of Internship:	From: 7-08-2023 To: 6-10-2023		
Date of Evaluation:			
Organization Name & Address:	Edula Siv Reddy Cold Storage		
Name & Address of the Supervisor with Mobile Number	Gopal Vastha 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: 21-09-2023

E. Harsh M
Signature of the Supervisor

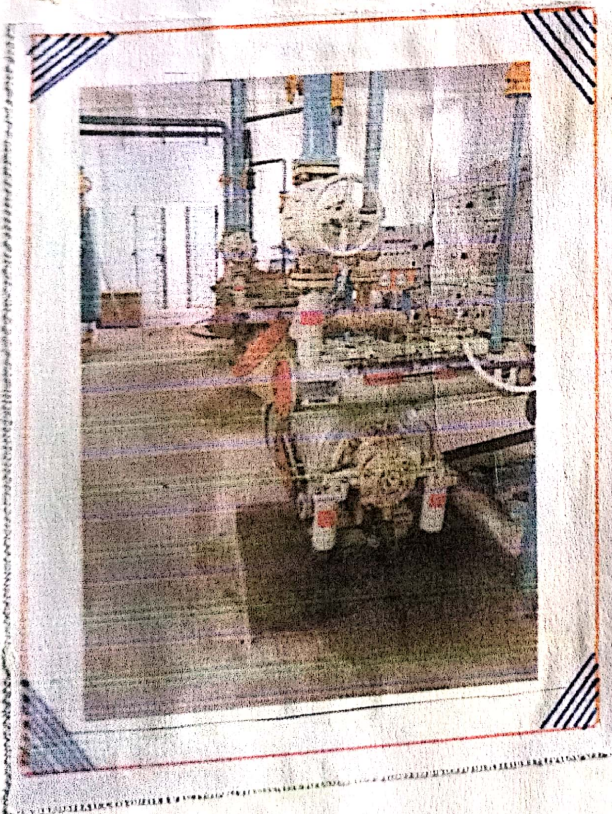
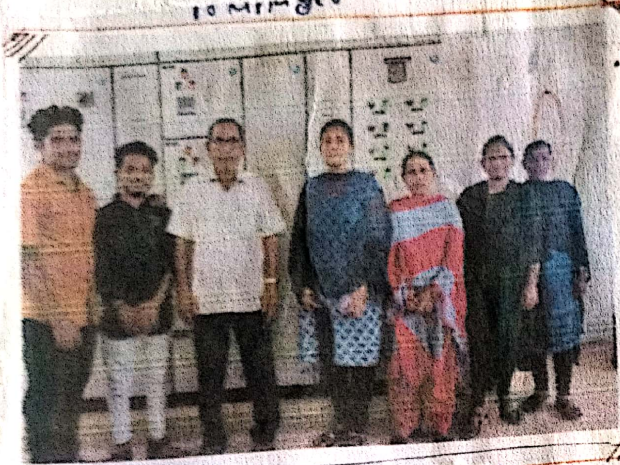
Page No:

For: EDULA SIVA REDDY COLD STORGE

Proprietor



PHOTOS & VIDEO LINKS



Page No:

INTERNAL ASSESSMENT STATEMENT

Name Of the Student: P. Madhavi
Programme of Study: PGDIP in MIBH
Year of Study: 2021-2024
Group:
Register No/H.T. No: B.A. (HEP)
Name of the College:
University: SVB Govt College

Sl.No	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Activity Log	25	18
2.	Internship Evaluation	50	38
3.	Oral Presentation	25	19
	GRAND TOTAL	100	75

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 (D.L.)

Page No: