

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)



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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
B. A

Under the Faculty Guideship of

T. Nagshwara Reddy
(Name of the Faculty Guide)

Department of

3rd [BA] [HEP] / History

(Name of the College)

S-V-B GOUT

Submitted by:

T-Dharani

(Name of the Student)

Reg.No: 21110041020

Department of

3rd BA [HEP] / History

(Name of the College)

S-V-B GOUT G.D.C Koidakab
+19

Student's Declaration

I, T. Dhadani a student of Internship
Program, Reg. No. 2110004020 ~~2110004016~~ of the Department of 3rd BA, SV-B ~~SV-B~~ Govt
College do hereby declare that I have completed the mandatory internship
from 7-8-2023 ~~1-10-2023~~ to 6-10-2023 ~~8-11-2023~~ in Edulasivareddy (Name of Cold storage
the intern organization) under the Faculty Guideship of
Nageswara Reddy (Name of the Faculty Guide), Department of
History, S-V-B Govt Degree College
(Name of the College)

T. Dhadani

(Signature and Date)

Official Certification

This is to certify that Shob Team T-Dhazani (Name of

the student) Reg. No. 2110041020 has completed his/her Internship in

Eduqsivareddy (Name of the Intern Organization) on

Co1d storage (Title of the Internship) under my

supervision as a part of partial fulfillment of the requirement for the

Degree of B.A. HEP in the Department of

HISTORY - S.V.B. DEGREE (Name of the College).

COLLEGE

This is accepted for evaluation.

Shob Team
(Signatory with Date and Seal)

Endorsements

Faculty Guide E. Nageswara Reddy

Head of the Department HISTORY

Principal M. Ramesh N

PRINCIPAL

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

Certificate from Intern Organization

This is to certify that Shoat Team (Name of the intern)
Reg. No. 211104120 of S.V.B. Govt Degree College (Name of the
College) underwent internship in edv10 si va p edy cord storage (Name of the
Intern Organization) from 10/10/19 to 10/11/19

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 sivareddy could storage

The interest of Andhra Pradesh in Edula sivareddy could storage in location Kojukunta near Chillysah
 local and Chama whole macha splitting for
 in god storage. A chhaukag ements night of bul
 ing for achillyoung in dooms storage. typical
 chilly could storage consist of 1000s ground
 over (12 Ft) 75 floors (9 Ft each) in each side
 in the chilly stock storage in Jifal and Chillys
 Export Andhra Pradesh

ex: Dry Chillys local Kuchhal market in Andhra
 Pradesh and dry Chillys old market
 in Andhra Pradesh

Market	Product	Price
Andhra Pradesh	Andhra Pradesh	Quinta 15,000.00
Kuchhal	Kuchhal	Quinta 11,899.00
Kuchhal	Kuchhal	Quinta 10,000.00

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 temperature is maintained low with the help of precision instruments. Cold storage is used to preserve perishable food items. All potato stock once they are kept in the cold storage they do not get spoiled even after many months.

The development of cold storages in the country has a huge potential. The marketing of old storage follows the local existing distribution network. The internship report shall have only a cold storage objectives and our own 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 old storages. The government is offering some subsidies to try to perk this up but it's still rather capital intensive. There are also very different business models of play.

There is a need for godowns

This need is towards storing grains and selling it at a better price once the harvest season is over. Take the case for example, climate is high as 3-4 times off season and is very easy to store most farmers 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 stage - Downward product collection
was fins for high tube test pressure
to ensure leak proof coal downward air flow
PCM for equal distribution of air chambers
splitting machine that split green gram
meeng dal chilis those dal chana whole
meeng item papers cooling extend the
shelf life -

storage temperature is 1000 m could
8°C stored temperature 2/1500 m chill 4 stage
ge cooler

The internship Andapadashing dalu sir
ready cold storage in location koikuntla
peddichilly and Toodal and chana whole m
cong split meeng meeng dal storage ACK
hauled garments night of building for chi
lly cooling in room storage -

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	First day of activity add cold storage (colling)	cold storage down + new product colling	
Day - 2	stock saving stor age in cold storage add cold storage	product stor ked in 3 years of 4 years	
Day - 3	Sth the floor for high effic iency	3 x 5 = 15 fah s	
Day - 4	different stock for dal and chah a whole month chillies	stock is for a stock product colling	
Day - 5	storage for parture	10 cty for etude	
Day - 6	cold storage packing left price in india	useful in n g uct	

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

However if could storage facilities are used
the product may - be stored for 4-5 years
could storage - down the row product cooler

3 x 5 = 15 fans

inward fins for fans for high ef
tube test pressure to ensure leak proof
downward airflow pattern in chong dal distri

bution of air

chickpeas split mung moong dal split green

gram moong dal chillies these dal chana

whole moong total item packed coding

extended shelf

storage temperature 15/000 in could
8°C stored temperature 2-6°C in chillies
could storage loading lifts in doors with
could storage in a to maintain in floors
sorghum.

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ACTIVITY LOG FOR THE SECOND WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Under supply door cooling mechanism Important mechanism sine stage	Make discharge 2 ge presse 12 PCL-10105	
Day - 2	suction pressure 141-2	ammonia val 160 kg	
Day - 3	oil pressure 16-4	A-B supply ammonia 200	
Day - 4	Dispersal liquid change cooling Ice Acquired on days	total door total 110 °C temperature cooling	
Day - 5	Evaporating lines 70° 1972P	Ammonia change cooling liquid change	
Day - 6	ammonia supply age and supply suction pressure door change	14 can stay 4740 124 hours	

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 where acid is used to make disperse cellulose once entrance for good figure

* water is cooled at night by cellulose pad cooling tower and stored for cooling application at day time.

* overall temp can reach 9-14 for room temperature higher than 40°C

* Feasible for data center cooling

The present study develops a cooling system using water as the working medium application at day time pad cooling tower (CWCT) and stored for cooling application at day time that is if utilizes the natural energy difference between 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 (Bach) that on compliance	total Bach 02/15-15	
Day - 2	white oil enriched pas split each mach De split into 2 parts Date	Total item Papers coal offending step if it	
Day - 3	metal powder and high speed lubricant conveying process	-> 1000. Dabul -> 1/2 Level -> Oil-6 DK	
Day - 4	temperature is storage	15-1 and 16-2 Temperature room cooling	
Day - 5	China Chang	room cooling	
Day - 6	gasified char that cooling rate	storage 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 [cool] for heat dissipation of water at night cop is between 3.8 and varies linearly with the evaporation temperature glide ΔT difference between cold water temperature in the storage tank and wet bulb temperature of ambient air.

The COP for room cooling at daytime 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 COP is expected for each q -at room temperature 45°C .

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ACTIVITY LOG FOR THE FORTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	ACCT - Storage system workable system which on system which	maintain a ag valchyp at a and evidence	
Day - 2	ACCT - Storage system which store data by call class as per a 1111111111	(CWC)	
Day - 3	Time for each Q1 mbs a sign as 3-4 times	stock 3-4yr as	
Day - 4	This item when needed can be taken from the cold storage	store item stock	
Day - 5	cold storage issued to preserve	storage item stock	
Day - 6	Business spot	Business report	

WEEKLY REPORT

WEEK - 4 (From DR _____ to DR _____)

Objective of the Activity Done:

Detailed Report:

Overall COP can reach 9-11 for room / space
two phase then use
Feasible to data center cooling
The present study develops a cooling
system using water ~~study~~ as the working
medium which using hot water night by
collapsible pad cooling (water (CWC) a hot
used for cooling applications already
drawn from diurnal ambient air and
two differences a cooling system coefficient
of performance at low ΔT ^{for} night
heat dissipation of water at night
COP is between 3.8 and 10 and varies
linearly with the evaporation.

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Blowers The cooled air is speed across the room	Room all cooling	
Day - 2	The compressor consumes almost all the powers in the room	compressor only device	
Day - 3	heat dissipation of water at night w/pnt	3-p and 1-p line only with the evaporator	
Day - 4	Feasible facility center cooling	overall cool can & each 9-4 for room temperature	
Day - 5	Tem. difference $\pm 10^{\circ}\text{C}$	Cooling system	
Day - 6	lined 45°Ran	oil and valve in the start	

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 as a refrigeration system which helps maintain an adequate temperature and environment as per the specifications of each item being stored. These are the main components of a cold storage room.

* compressor :- It is the only device main component that runs the cold room. It is the main component that runs energy to run. The compressor consumes almost all the power in a cold room.

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

* Blowers :- The cooled air is spread across the room through the convection process thus achieving the desired temperature of the room.

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

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ACTIVITY LOG FOR THE SIXTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	It required soon protect the two cold room	If the compressor can suit	
Day - 2	It required cold change of the outside	high temp has considered	
Day - 3	The high pressure lived stored head	The received change the cost	
Day - 4	It reduce the temperature and pressure of the refrigerant	The expansion valve	
Day - 5	The cyclic process leads to the temperature	Evaporator act	
Day - 6	The cooled is seen the room through the convection	Blowers as temperature to the room	

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

Is cold storage a good investment
Cold storage means storing vegetables and fruits for longer durations without spoiling while this company's initial investment is significantly higher than other businesses. The return on investments is also higher for longer terms.

① finalizing location:-

The location of the cold storage facility should be near agricultural or consumer centres covering various market segments. A 6000 metric tonnes capacity requires for instance. A cold capacity facility with a 6000 metric tonnes capacity requires an area of and for a multi-commodity or multi-storage unit.

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 career

As part of research associated with education for sustainability at RMIT University sent an invitation to Environment professional seeking information about their back grounds & work.

Their invitations to participate in the survey were distributed using the electronic data bases and networks of organisations such as the centre for sustainability leadership and the environment jobs network Environment, Education and training ecological sustainability manager project lead education delivering resources at colleges.

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 (HDD, mouse), key boards etc) to ensure functionality
* Install and configure appropriate software and functions according to ~~the~~ specifications

Information Technology (IT) :-

is the use of computers to create, process, store, retrieve and exchange all kinds of data and information. IT is typically as opposed to the school of business operations technologies.

* (ICE) information systems technologies.

* Technical skills in future are useful in community development as acquired the student future jobs in technological skills.

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 chillies could storage private limited
supporting and E dulasiva reddy auxiliary
transport activities activities of travel
agencies.

storage in that 3000 5 years stock book
bading 4500 rupees in stock is

E dulasiva reddy could storage

* building = 180 inches

* length = 120

* width = 120

* workers (2) and one accountant
* one packing place four numbers in that

E dula siva reddy could storage.

* for max could storage stock useful

3000 5 years stock in chillie one for

* one person Ramula

* wages 2000 and 5000 Ba stalu store

* Di part ment AIC operate name on full
at mg

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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 sueties and protocols, greeting, thanking and appreciating others, etc.)

Approximately one acre of land is required for a room cold storage for chilly. This land required is sufficient for cold storage machine room condenser fan and condenser. We have to leave some space for fire and safety guidelines cold storage technology.

Due to the changes in the surrounding cold storage is most required. Refrigerated warehouses are very costly but several methods are often to cut source for cold storage.

As the demand for cold storage is increasing, the demand for value is added services such as the demand. The five most important factors for considering proper selection of the indoor unit for chilly cold storage are:

- Room temperature
- Room relative humidity
- Room capacity
- Air flow and air distribution
- Tube volume surface

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

Edua siva Reddy cold storage chitities exam
ple discussion my name shahira waited about cur
14 in a group discussion 20 numbers content stick
a group were participation in a ceter A/C as per
etur is a Gopala varma his explain cold storage
and guidance the more information.

+10°C temperature all stock cooling cold st
orage stock lift in indoor leading this floor
chillies Jaddal chana whole king chick peas SP
dit moong moong dal in +10°C storage tem
perature ammonia used total 130 cycles 3x5=15
and 160' cooling cellulose-Pad water ling
sty system with cold storage system
se froidissement dispersant cellulose onece
teposage ting.

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

Technology changing the way we work
If experience as it is called.

Test diagnostic are given during
the time of communication
focus digital relevant to your job role
during open discussion and time management
It is called.

I am understanding of since complete
need and return is it is
I needed of since complete

need and return principles
in your knowledge of these new
and side are in need
This since as it doing will each
example as log complete
career original to job role training
communication skills in job role

Student Self Evaluation of the Short-Term Internship

Student Name:

T. Dharaani

Registration No:

2110041629

06-10-2023

Term of Internship:

From:

7-08-2023

To:

06-10-2023

Date of Evaluation:

Organization Name & Address:

E dula sivarreddy coldstorage
ge gopal varma

Please rate your performance in the following areas:

Rating Scale:

Letter grade of CGPA calculation to be provided

	1	2	3	4	5
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

T. Dharaani

Signature of the Student

Date: 21-08-2023

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Evaluation by the Supervisor of the Intern Organization

Student Name: T. Dhazani

Registration No: 2110041020

Term of Internship:

From:

To: 1-10-2022 to 17-12-2022

Date of Evaluation:

Organization Name & Address:

E dula siva reddy cold storage
managed by pal
varang

Name & Address of the Supervisor
with Mobile Number

9490462714

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:

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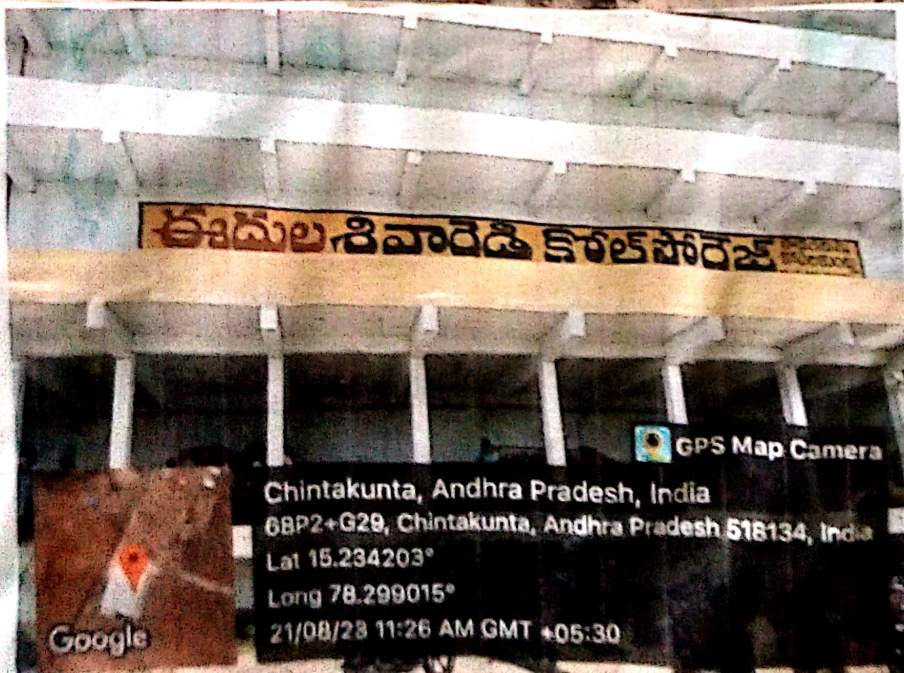
E. Harish M
Signature of the Supervisor

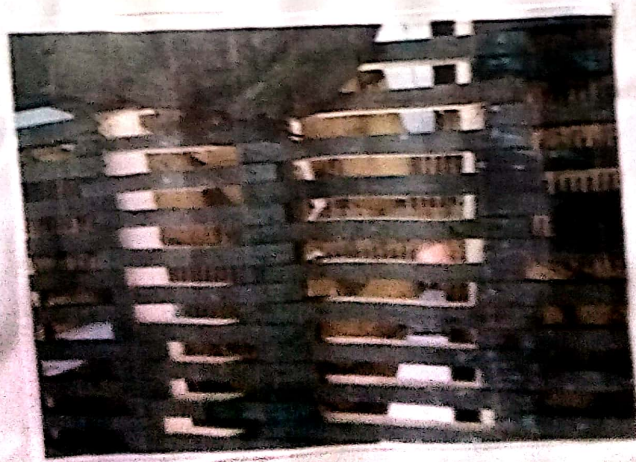
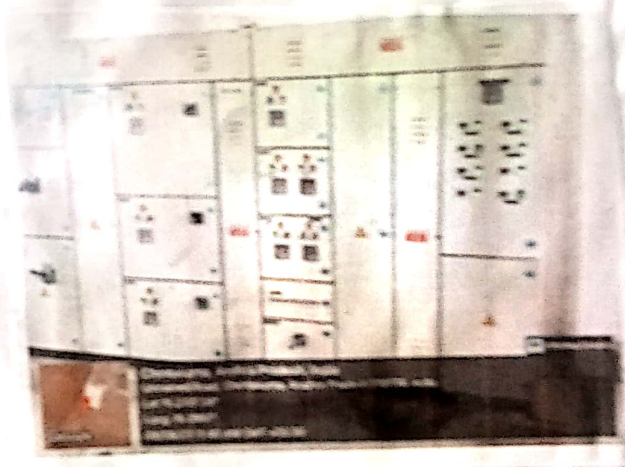
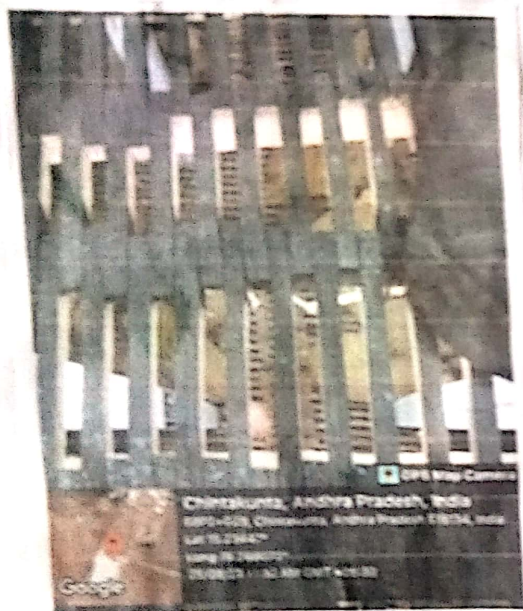
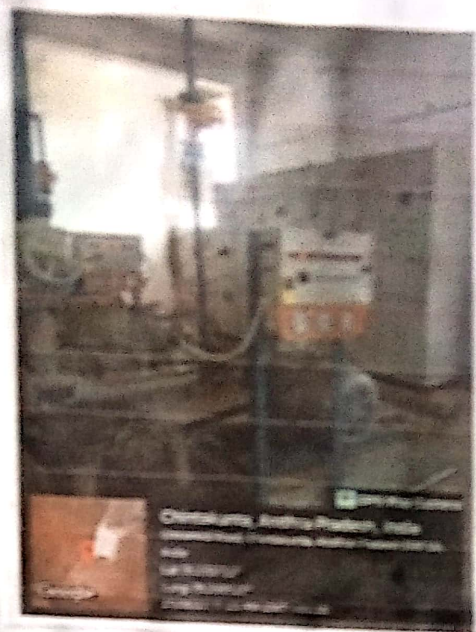
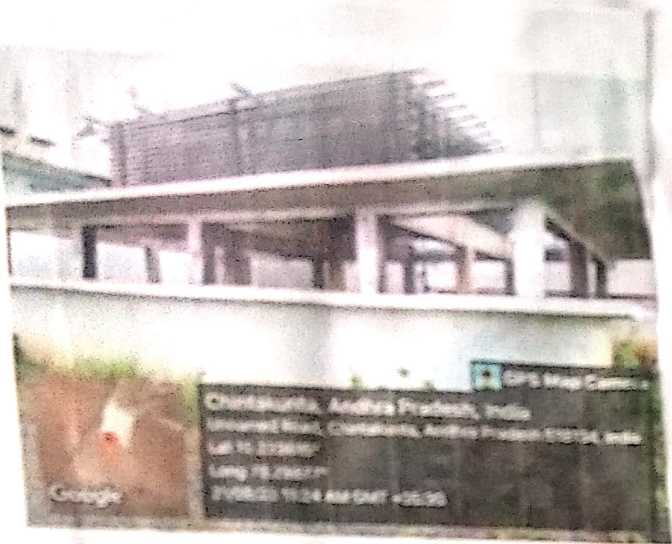
For: EDULA SIVA REDDY COLD STORAGE

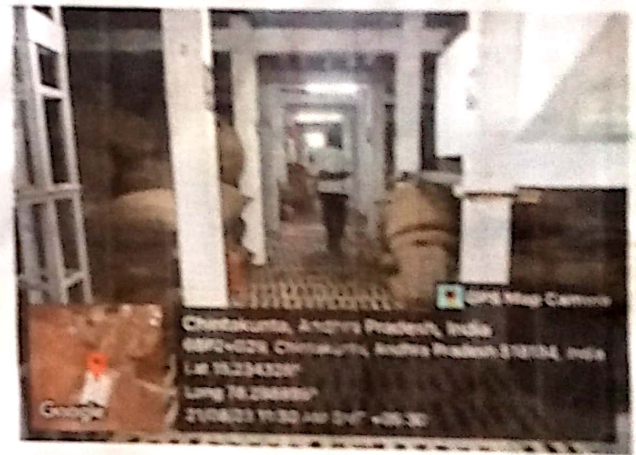
Proprietor



PHOTOS & VIDEO LINKS







INTERNAL ASSESSMENT STATEMENT

Name Of the Student

Programme of Study

Year of Study

Group

Register No/H.T. No

Name of the College

University

T. Dhanu
Poojie Smithing
2022-23

BA [HED]
21110041020 [20/10/2016]
SV B GOVT DEGREE COLLEGE

Sl.No	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Activity Log	25	12
2.	Internship Evaluation	50	35
3.	Oral Presentation	25	17
	GRAND TOTAL	100	70

Date:

Signature of the Faculty Guide

Certified by

Date:

Seal:

Signature of the Head of the Department/Principal

H. Kan S. S. S.
PRINCIPAL
S.V.B. GOVT DEGREE COLLEGE
KOILKUNTLA, NANDYAL (DL)

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