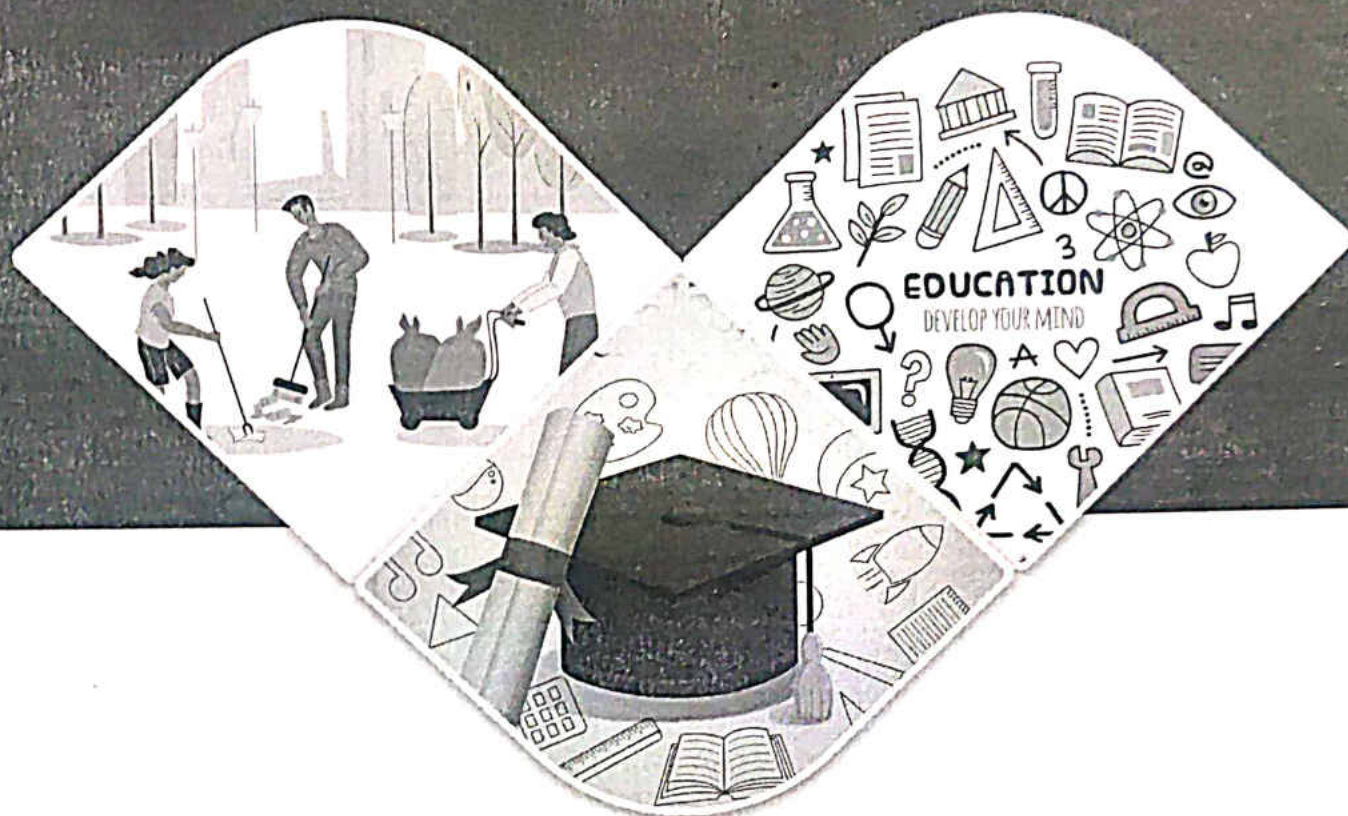


Model Program Book



SEMESTER INTERNSHIP

Designed & Developed by



**ANDHRA PRADESH
STATE COUNCIL OF HIGHER EDUCATION**

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)

PROGRAM BOOK FOR
SEMESTER INTERNSHIP

Name of the Student:

Kaisha Bhavani

Name of the College:

Artist Degree cty (M611), SKLM

Registration Number:

2022001566028

Period of Internship:

From 12/12/2022 to 18/3/2023

Name & Address of the Intern Organization

DR.BR. Ambedkar University

YEAR

An Internship Report on

Agriculture

(Title of the Semester Internship Program)

Submitted in accordance with the requirement for the degree of
3rd (B.Sc)

Under the Faculty Guideship of

Satyanarayana

(Name of the Faculty Guide)

Department of

Industrial chemistry

(Name of the College)

Submitted by:

K. Bhavani

(Name of the Student)

Reg.No: 2022001566098

Department of Industrial chemistry

GVA degree clg (MEN), Seikakulam.

(Name of the College)

Instructions to Students

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

1. It is mandatory for all the students to complete Semester internship either in V Semester or in VI Semester.
2. Every student should identify the organization for internship in consultation with the College Principal/the authorized person nominated by the Principal.
3. Report to the intern organization as per the schedule given by the College. You must make your own arrangements for transportation to reach the organization.
4. You should maintain punctuality in attending the internship. Daily attendance is compulsory.
5. You are expected to learn about the organization, policies, procedures, and processes by interacting with the people working in the organization and by consulting the supervisor attached to the interns.
6. While you are attending the internship, follow the rules and regulations of the intern organization.
7. While in the intern organization, always wear your College Identity Card.
8. If your College has a prescribed dress as uniform, wear the uniform daily, as you attend to your assigned duties.
9. You will be assigned a Faculty Guide from your College. He/She will be creating a WhatsApp group with your fellow interns. Post your daily activity done and/or any difficulty you encounter during the internship.
10. Identify five or more learning objectives in consultation with your Faculty Guide. These learning objectives can address:
 - a. Data and Information you are expected to collect about the organization and/or industry.
 - b. Job Skills you are expected to acquire.
 - c. Development of professional competencies that lead to future career success.
11. Practice professional communication skills with team members, co-interns, and your supervisor. This includes expressing thoughts and ideas effectively through oral, written, and non-verbal communication, and utilizing listening skills.
12. Be aware of the communication culture in your work environment. Follow up and communicate regularly with your supervisor to provide updates on your progress with work assignments.

13. Never be hesitant to ask questions to make sure you fully understand what you need to do your work and to contribute to the organization.
14. Be regular in filling up your Program Book. It shall be filled up in your own handwriting. Add additional sheets wherever necessary.
15. At the end of internship, you shall be evaluated by your Supervisor of the intern organization.
16. There shall also be evaluation at the end of the internship by the Faculty Guide and the Principal.
17. Do not meddle with the instruments/equipment you work with.
18. Ensure that you do not cause any disturbance to the regular activities of the intern organization.
19. Be cordial but not too intimate with the employees of the intern organization and your fellow interns.
20. You should understand that during the internship programme, you are the ambassador of your College, and your behavior during the internship programme is of utmost importance.
21. If you are involved in any discipline related issues, you will be withdrawn from the internship programme immediately and disciplinary action shall be initiated.
22. Do not forget to keep up your family pride and prestige of your College.

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Student's Declaration

I, Koira Bhavni a student of Agriculture
Program, Reg. No. 202201566028 of the Department of Industrial chemistry
College do hereby declare that I have completed the mandatory internship
from 12/12/2022 to 18/3/2023 in Agriculture (Name of
the intern organization) under the Faculty Guideship of
Satyra Jayara (Name of the Faculty Guide), Department of
Industrial chemistry Art degree clg MCH, Srikulam
(Name of the College)

(Signature and Date)

Official Certification

This is to certify that Koira Bhavani (Name of the student) Reg. No. 202001566028 has completed his/her Internship in Agriculture (Name of the Intern Organization) on Agriculture (Title of the Internship) under my supervision as a part of partial fulfillment of the requirement for the Degree of Industrial chemistry in the Department of GVT Degree UG (VEN) SKLM (Name of the College).

This is accepted for evaluation.

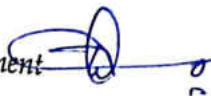
Endorsements


(Signatory with Date and Seal)
Mandal Agriculture Officer
KAVITI
Srikakulam Dist. (A.P.)

Faculty Guide



Head of the Department




Principal

Certificate from Intern Organization

This is to certify that Koizla Bhavani (Name of the intern)
Reg. No. 2022001566028 of AVT UG (MAN) SKLM (Name of the
College) underwent internship in Agriculture (Name of the
Intern Organization) from 12/12/2021 to 18/3/2023

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


Authorized Signatory with Date and Seal
Mandal Agriculture Officer
KAVITI
Srikakulam Dist. (A.P.)

Acknowledgements

Page No

Contents

- ① Title Page
- ② An Internship Report
- ③ Instructions to students
- ④ student declaration
- ⑤ official certification
- ⑥ certificate from Intern organisation
- ⑦ Acknowledgements
- ⑧ chapter 1 : executive summary
- ⑨ chapter 2 : overview of The organisation
- ⑩ chapter 3 : Internship Part
- ⑪ chapter 4 : Activity log book from 1st week to 12th week
- ⑫ chapter 5 : Internship outcomes description
- ⑬ student self evaluation
- ⑭ Evaluation by The supervisor
- ⑮ Internship Photos & videos
- ⑯ Internal & External evaluation.

CHAPTER 1: EXECUTIVE SUMMARY

The internship report shall have a brief 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.

A Introduction of the organization :- Government of Andhra Pradesh has launched Raitha Bharosa Kendra (farmer Assurance centres) on May 30th of 2020 years. The government has started 10,641 RBK's across the state without any of 200 crores.

B vision, mission, and values of the organization :- A.R in predominantly an agrarian state launched this scheme to bring more transparency quality of service to the farmers of community. The centres will offer services like delivery of inputs to the farmers with 24-48 hours of ordering and is an attempt to bring the agriculture extension system more closely to the farmers.

C Performance In terms of profits & market value :- Many coops are grown across region & demand. Many coops give incremental profit at a minimal investment 30% at production, 15% wholesale 25% at retail levels.

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.

A) Introduction of The organization:- Government of Andhra Pradesh has launched Raitha Bharosa Kendra (farmer Assurance centres) on 30th of 2020 year. The government has started 10,164 RBK across the state with an outlay of 200 crores.

B) vision, mission, and values of The organization:- A.P In predominantly an agrarian state launched this scheme to bring more transparency quality of service to the farming community. The centres will offer services like delivery of inputs to the farmers with 24-48 hours of ordering through Kiosk's chat machines. Technical advisories and is an attempt to bring the agriculture extension system more closely to the farmers.

C) Policy of The organization in Relation to The Intern Role
Earlier, this year the government has recruited agriculture assistant horticulture assistant, veterinary fisheries assistant having qualification in their respective fields to work at RBK's. The following services are offered at RBK:

a) Agri Input shop b) farmer knowledge centre c) custom hiring centre d) other important aspects:- 1) Input delivery 2) Soil Testing 3) Training farmer 4) crop Insurance 5) e-crop booking 6) Treatment after consulting veterinary doctor 7) Identifying beneficiaries 8) Providing market Intelligence.

d) organization structure:- chief minister → SP/Chief Secretary (Agriculture) → Commissioner

VAA (village) ← MAO (mandal) ← ADA (Assistant Agriculture Director) ← District Ag Officer (Kaviti) ← Joint Director of Agriculture ← Joint Collector ← District Collector

e) Roles & Responsibilities of Employees in which Inter is placed:- Routine Records prepares graphs & charts, visit fielding.

f) Performance in terms of profits & market value:- Many crops are grown acc to Region & demand. Many crops give incremental profit at a minimal investment 30% at production 15% wholesale, 25% at Retail levels.

g) future plans of The organization:- RBK system is a giant step in bringing the system closer to the farmers & making it more transparent.

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.

Activities which are occurred in RBT are important for our future skills with acquiring the knowledge.

Mainly we have learnt about Paddy Procurement processes, Moisturemeter, working condition, Soil Testing, Bombardier e-coop.

Moisturemeter:- This is a machine which calculates the moisture content of food grains. This is universal type. This is a part of procurement of food grains. Nearly types of samples moisture can be calculated by this moisture electronic machine volume A, B, C & D cups are present. By applying different pressures for different samples of grains by using the above 4 different volume cups. For example of example:- for Paddy shoot volume B cup is used & applied with the pressure of 525 & these also having code for these pressures can be adjusted with vertical scale & circular scale. Volume D cup is used for measuring the moisture in groundnuts with a pressure of 450.

collection of soil samples for soil Test:- The soil is Taken from The field having dust Particulates etc well levelled field soil is Taken. Soil Test shall be conducted for every 3 TO 4 years. for field 10 TO 15 soil samples are Taken in a polythene cover & divide The soil into 4 parts & Then 1st & 3rd point is Removed and spread The Remaining as usually on now divide into 4 parts, now Remove The 2nd & 4th part of soil up to The soil is condensed into $\frac{1}{2}$ Kg. for Paddy fields 15cm depth is digged.

Then collecting $\frac{1}{2}$ Kg soil packet in well send it to The Soil Testing-laboratory.

e. crop provision for booking of all crops like Agriculture, horticulture & fodder crops, capturing The information of actual cultivator whether land owner or Tenant. & acquired The knowledge about moisture when working collection of soil samples & crop.

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Kaviti - Basic data Kaviti - Sahalele Pattaya villages. 1) BAHATHI 2) BORIVANKA 3) VARAKHA 4) KUSUM PATTANA	Total no of houses 312 600 Total land is 1588 130Kudistrict	P. Pund
Day - 2	1) BAHATHI - 78 acres 2) BORIVANKA - 180 acres 3) VARAKHA - 244 acres 4) KUSUM PATTANA - 116 acres	Coop details:- Paddy - 61 acres Sugarcane - 3 acres ground - 5 acres	P. Pund
Day - 3	Purchase of grain thro ugh Rayth Bhavasa Kendras.	Minimum support prices for types - for quintal 2040 for 80kg - 1632	P. Pund
Day - 4	quality parameters to be followed to get support price	The maximum allowed by central government is 10% i.e. waste material.	P. Pund
Day - 5	support price for other Agriculture products Registrations done in R.B.K.	coops, available prices purchase periods.	P. Pund
Day - 6	for Purchase of grain by Registering in - coop who have completed Kyc.	Total houses - 588 from which have undergone kyc are 328	P. Pund

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

Purchase of grain through Rythu Bazar Kendras. The grains conforming the quality standards prescribed by the government of India is procured from farmers. If not, then farmers have to process their grain in such a way that it meets the quality standards. Grain will be purchased only from farmers who have registered & completed KYC & are ready to sell their grain. If sacks are arranged for transportation. According to government calculation, the amount is paid directly into the farmer's account along with grain money within 24 hrs. MSP for general type is per 100kg 2040 for 80kg - 1632/- quality parameters to be met to get support price: quality standards should be based central government. 1) waste, soil, rocks - 10, 2) spoiled, discoloured, sprouted - 5.0 3) premature, shrivelled, cracked grain - 3.0 4) moisture level should be below 17.0 All spoiled, sprouted, infestation or weevil grain must be not more than 4%. Toll free number - 155251

ACTIVITY LOG FOR THE SECOND WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	method of procurement of grain	the amount of baggers by the farmer within 21 days will decrease	P. Prasad
Day - 2	current scenario of	Rabi Season is 359 crores major crops groundnut	P. Prasad
Day - 3	Dr. V.S.R Polam Badli 4 Thems of Polambadi 3 farmers, 25 acre field	Healthy crop cultivation & protecting from 3 weekly crop	P. Prasad
Day - 4	Polam Badli - field study how is it conducted (trekking)	Integrated crop management - Integrated pest + major + minor + weeds + diseases + farm management	P. Prasad
Day - 5	$ICM = INM + DPM + WM + Dhm + FM$	Participatory learning & experiential learning sharing of experiences	P. Prasad
Day - 6	4 weeks of polam field study	Introductions Team building Agroecosystem analysis - field visit	P. Prasad

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

Method of Procurement of grain :- The quality standards of grain should be checked at the Rythu Bhavan Kumbangi. The available vehicles should be scheduled by VAA. At given scheduling time, technical assistant with help of VAA should collect the grain from farmers Threshing floor (TKF) & bring it to RK. The farmers should take the available vehicles & loads the sacks of grain. Sacks should be weighed & send the copy to data entry. According to grains weight the Tocker sheet will be generated & the point is given to the farmers. The Tocker drivers to the respective will within 24 hours after reading willer details & generate FTD. In 21 days the amount of farmer's pays will be deposited in direct mode through current accounts of RK :- The Revenue village area of RK under sub-division is . government.

Do. y. S.R. Polam CAP1 - How it is conducted 1. Participatory 2. experiential learning 3. sharing of experiences 4. Group dynamics 5. farmer's facilitators.

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	crop classification	1) Annuals 2) Biennials 3) Perennials	P. Prasad
Day - 2	criteria for Essentiality essential nutrients	Macro nutrients C, H, O, N, P, K, Ca, Mg Micro nutrients B, Zn, Cu, Fe, Mn, Mo, Cl	P. Prasad
Day - 3	fertilizers Application	1) Time of application 2) Place of application 3) Amount of application	P. Prasad
Day - 4	seed germination seed dormancy - treatment methods seed types	Scarification stratification chemical methods treatments	P. Prasad
Day - 5	Deficiencies of Macro Primary elements N, P, K	Nitrogen - yellowing of leaves phosphorus - purple color Potassium - Dieback	P. Prasad
Day - 6	Inter cropping - to get trap cropping - more croping yield. Multi cropping	cereals - pulses to escape from pests & diseases	P. Prasad

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

crop classification : 3 types

① Annuals ② Biennials ③ Perennials

① Annuals :- The crop which completes its life cycle in a year. eg:- Tomato, Maize.

② Perennials :- The crop which complete its cycle in two or more than 2 years. eg:- Mango, coconut

③ Biennials :- The crop which completes its life cycle in two years. eg:- Carrots, Beets.

Criteria for Essentiality :- 1) In absence of one element plants do not complete their life cycle. 2) One element can't be replaced by another element (deficiency) 3) The element must be directly involved in metabolism of plants seed germination: Have all favourable conditions to germinate but unable treatment is of 3 types

1) Scarification

2) Stratification

3) Chemical method treatment

Seed types - 1) Monocotyledonae
2) Dicotyledonae

ACTIVITY LOG FOR THE FORTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Groundnut Scientific name: <i>Arachis hypogaea</i>	- Major oilseed crop - AP states Third in production - Mainly grown in	P. Nand
Day - 2	constraints in groundnut cultivation and productivity.	- lack of agricultural mechanization - lack of micronutrient management	P. Nand
Day - 3	Suitable climate for groundnut (peanut)	- Areas with low humidity are most suitable for groundnut	P. Nand
Day - 4	climate	It Requires 500-1200mm of Rainfall - Average temperature of 25-28°C are suitable	P. Nand
Day - 5	soil suitable for groundnut crop	- light soils - soils with calcium & sulfur are ideal	P. Nand
Day - 6	soils which suit best to grow groundnut High organic matter	- sandy loamy soils are best - Red loamy soils PH 6.0-7.5 all best	P. Nand

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

Groundnut is the major oil seed crop grown in our state. Among the groundnut growing states in India, Andhra Pradesh ranks third in production and eighth in productivity after Gujarat & Rajasthan. It is grown in 7.35 lakh hectares in the state & produces 10.48 lakh tonnes. This crop is mainly grown in Anantapur, Chittoor, Kurnool and Y.S.R. constraints in groundnut cultivation and productivity: ① Non-cultivation of water stress resistant groundnut. ② Lack of agricultural mechanization. ③ Lack of proper water & nutrient right time climate and soil: ① Areas with low humidity are most suitable groundnut. ② Average Temperature of 25-25°C are suitable. ③ It requires 500-1200mm of Rainfall. ④ Light soils & soils with calcium & sulfur are ideal. ⑤ High organic matter containing soils are best suitable to grow groundnut. ⑥ Sandy loam soils, Red loamy soils are best. ⑦ Soils with high organic matter & pH between 6.0-7.5 best

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Groundnut:- soil / preparation, season/condition varieties, duration (periods)	Deep weeding in summer can reduce the incidence of coppicing in early.	P. N. M.
Day - 2	Groundnut sowing Time & seed dose	South coast :- Early & harvest: March - April & harvest: June - July Rabi - Nov	P. N. M.
Day - 3	Groundnut:- Seed dose and sowing Time	South coast & low rainfall zones first week of July Rabi - Nov	P. N. M.
Day - 4	Seed dose of groundnut	Seed rate is determined by seed size, sowing time & variety	P. N. M.
Day - 5	Seed treatment of groundnut	1 kg seed one gram of Tebuconazole or 3 grams of Mancozeb.	P. N. M.
Day - 6	Seed treatment before sowing The seeds of groundnut	Seeds should be first treated with insecticides after drying in shade.	P. N. M.

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

Groundnut soil preparations:-
1) Deep weeding in summer can reduce the incidence of root damaging insects and pests.
2) Before sowing the soil should be levelled.
Time of sowing:- North coast:- early kharif/summer
- March to April Kharif - June-July Rabi:- November to Decr
Rayalaseema (South & low rainfall zones)

ACTIVITY LOG FOR THE SIXTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	seed dormancy in groundnuts. Removal of seed dormancy in seeds of groundnut	important varieties (Kadisi 7, 8, 9) seed sul ethe real (100%) mixed in 10 litres of water soaked.	P. Nung
Day - 2	seed dormancy removal in groundnut seeds.	Even in early Kharif season.	P. Nung
Day - 3	Plant spacing and sowing method in Groundnut	even in early Kharif, should follow 30x100cm plant spacing (row)	P. Nung
Day - 4	fertilizers (useful) for groundnut crop	Fertilizer doses should be decided on soil tests. Pests. require	P. Nung
Day - 5	fertilizers (useful) for groundnut crop	Nitrogen - 80 (kg) / ha (crop) Phosphorus - 16 (kg) / ha Potash - 20 (kg) / ha	P. Nung
Day - 6	Fertilizers useful for groundnut crop	Gypsum - 20 (kg) / ha Zinc sulfate - 20 - 20	P. Nung

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

Removal of seed dormancy in groundnut seeds:- For hard varieties seed Ethrel (100%) mixed in 10 litre of water & soaked in solution for 24 hrs & dried shade. Then seeds are soaked in (39%) ethionphon 125ul mixed in 5lit of water & airtight bags overnight (12hrs) next day in shade & they are sown.

Sowing method & Plant spacing:- even in early Kharif season should follow 30x10cm plant spacing to get the

sowing seeds of groundnut:- The seeds should be sown either with a hand sown or tractor driven seed drill. At the time of sowing the soil require enough moisture & the seed should be sown more than 5cm deep. If a tractor drill is used not only a

large significantly fertilizer:- Nitrogen (in form of urea) - 8 (10) - (sandy crops 12 (27)) - Irrigation crops - 7N-8 (10) - U fertilizer doses should be decided on soil tests. The following fertilizers are used - Nitrogen (in the form of urea) phosphorus (in the form of single super phosphate) potassium (in the form of single super phosphate) zinc sulphate (one in way three crops for deficient)

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Plant population based on plant spacing of groundnut	no. of plants per unit of land P.P. = $\frac{10,000 \times 60}{\text{B/w plant row spacing}}$	P. Nand
Day - 2	deficiency symptoms of nitrogen, phosphorus potassium	(N) - yellowing of leaves (P) - purple colour (K) - Discolouration leaves	P. Nand
Day - 3	water management of peanuts crop	Groundnut requires 400-450 mm of water 8-9 taps are sufficient. light.	P. Nand
Day - 4	water management in groundnut crop	If water is given through sprinkler 25% of crop will increase in yield.	P. Nand
Day - 5	Inter cropping trap cropping mono cropping multi cropping	More yield to escape from pests & diseases. Also more crop	P. Nand
Day - 6	Inter cropping pattern of crops.	castor, Pigeon pea, sorghum - These can be intercropped with groundnut	P. Nand

WEEKLY REPORT

WEEK - 7 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report:

Water Management in groundnut crops
Groundnut Requires 400-450 mm of water. In light soils 8-9 days are sufficient. Before sowing, the soil should be watered well & the seed should be planted when is wet enough. Second watering should be done 20-25 days after depending on soil characteristics & clay soil percentage. The seed is should sensitive from 45-50 days to 85-90 days. In this stage water should be given properly in proper amount. If water is given through sprinklers 25% crop water saving & yield increase. Distance of 90 x 90 cm & 10 mm of water should be given once every 3 days until the pods are formed. Then 10 mm of water should be given every 10 days.
Pattern of crops & Intercropping: Red gram, cowpea, pearl millet, sorghum can be intercropped with groundnut. By this virus spreading will be reduced. The areas affected by north-east monsoon, kharif-groundnut can be followed by green gram or horse gram. Groundnut intercropping with paddy. The pests of groundnuts can be reduced.

FOR THE EIGHTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Environmental analysis of groundnut field.	peanuts contain friendly insects - that destroy harmful.	P. M. G.
Day - 2	Groundnut field environment analysis	The major are predators pests & pathogens.	P. M. G.
Day - 3	Pests in groundnut 1) Eczena mites 2) Aphids / black fly	symptom - suck juice of leaves. control - spray monocrotophos	P. M. G.
Day - 4	pests - symptoms / control 1) leaf hopper - mealy 2) leaf curl / folder	symptom: caterpillar eat leaves the leave the shods leave shods.	P. M. G.
Day - 5	1) Red caterpillar 2) tobacco caterpillar symptoms / control mealy	stems control / monocrotophos symptom: larvae eat leaves.	P. M. G.
Day - 6	diseases in groundnut symptoms & control 1) Tikka leaf disease 2) Rust / sooty	symptom dark brown circular spots on leaf	P. M. G.

WEEKLY REPORT

WEEK - 8 (From Dt..... to Dt: Dt.....)

Objective of the Activity Done:

Detailed Report:

Environmental analysis of groundnut field:- peanuts contain friendly insects that destroy harmful insects. The major ones are predators, parasites, pathogens, spiders, aphids are 4 types of predators. Trichogramma, Telenomus destroy the root area & take appropriate decision after analysis.

Pests:- Euzenites - symptoms - suck the juice of leaves, curdles shrivel of leaves & plant will become stunted. control measures:-
Per acre monocrotophos 320ml + neem oil 1 lit
1kg soap powder per 200 litres of water. The seed should be sprayed 2 times in 10-15 days interval.

Black fly:- As clusters they suck the sap.

leaf hoppers: symptoms: both young & mother cater

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	How is digital kiosk useful, which apps are used in kiosk	EMAD-CHAPP, fishing, animal husbandry, for seed related	P. M. N. S.
Day - 2	Kiosk Importance	Information on various agricultural products is available	P. M. N. S.
Day - 3	Agriculture is not providing credit services of Kiosk.	Information. Facility known to the kiosk users	P. M. N. S.
Day - 4	Current agricultural schemes undergoing at	100-y. S.R. Raithu Bhadrasa. 2. National food security machine	P. M. N. S.
Day - 5	Scheme 100-y. S.R. Raithu Bhadrasa ₹ 2500/- 4000/- 5000/-	Grant of AP to financially assist farmers by deposits	P. M. N. S.
Day - 6	who are eligible for Raithu Bhadrasa	cultivators belonging to landless poor and Kharwar	P. M. N. S.

WEEKLY REPORT

WEEK - 9 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report:

Digital Kiosk & its uses
APPS- ENAID, CHAPP, fishery, animal, husbandry etc. Information on certified agricultural products available for villages.

- facility of online purchase & door delivery

- providing weather information

- facility to know market prices of agriculture product

- Agriculture Agri's net post-harvest storage

1) Dr. S. R. Patil Bhavasa. 2) National food security mission 3) Dr. S. R. 2000 crop loan Interest 4) soil health card scheme.

ACTIVITY LOG FOR THE TENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	10. y. 5 R 2000 Interest coop loan scheme	former loan is - 17% state government 4% central bank	P. M. Singh
Day - 2	eligibility of this scheme objectives & Benefits	main objective of scheme is welfare of the state	P. M. Singh
Day - 3	10. y. 5 R 2000 Interest coop loan scheme details.	E-coop Registered farmers are eligible benefited	P. M. Singh
Day - 4	National food security mission (NFSM)	authorized by central govern- ment of India	P. M. Singh
Day - 5	objectives of NFSM National food security mission	setting up of community demon- stration	P. M. Singh
Day - 6	NFSM main points	increase yield by increasing cultivated.	P. M. Singh

Objective of the Activity Done:

Detailed Report:

Dr. Y.S.R. Interest free loan scheme:- 8-coop Registered farmers are eligible for this scheme, farmer loan is 17% Y.S.R. 2000 Interest free loan is launched by the CM Y.S. Jagan Mohan Reddy, this scheme is mainly launched.

Benefits:- It aims to free the farmers from vicious circle of money lenders rather government will directly provide them interest subsidy on loans taken. Loans provided under this scheme are interest free.

National food security mission:- Authorized by central govt of India launched in 2013 based on recommendations of agriculture subcommittee of NDC National development Council.

Objectives:- 1) Increase yield by increasing cultivation of soil fertility & conductivity.

ACTIVITY LOG FOR THE ELEVENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Soil conservation scheme for the year 2019-2020, the Govt of India selected one village per	Soil health card scheme (SCHC)	P. Nigam
Day - 2	Site Soil health card scheme	Analysis of soil & samples in soil laboratories &	P. Nigam
Day - 3	Different steps in soil testing	collection of soil samples. testing in the	P. Nigam
Day - 4	collection of soil samples.	soil samples for soil test should be analysed in a scientific manner	P. Nigam
Day - 5	when the soil can be collected : (samples)	soil samples can be taken at any time while the fields are empty)	P. Nigam
Day - 6	when to take the soil samples.	soil samples should be collected before sowing & after.	P. Nigam

WEEKLY REPORT

WEEK - 11 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report: Soil health card Scheme (S1) Soil conservation scheme :- For the year 2019-2020 the government of India selected one village per mandal, under village panchayat project and collected soil samples from every field. Analysis of soil samples in soil laboratories & provision of soil analysis documents before plating. do not provide documents RS-2500 per hectare for each demonstration field.

Different stages in soil testing.

- collection of soil samples.
- testing in the laboratory.
- fertilizer recommendations based on results.

collection of soil samples :-

Soil samples for soil tests should be analyzed in a scientific manner followed by time & the collection site. All precautions should be taken in soil collection.

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	How much depth should be soil samples taken	it depends on the crops we grow, nature of soil,	P. Mng
Day - 2	tools to collect soil samples	soil sample can be taken with the help of shovel	P. Mng
Day - 3	soil samples depth how much how to collect samples	If field soil is of some type.	P. Mng
Day - 4	soil samples collection	The soil should be removed.	P. Mng
Day - 5	How the Results of soil samples can be known.	The details of to assess rated.	P. Mng
Day - 6	soil tests Results (eustem from intro) Govt	The details of for who have same as the	P. Mng

WEEKLY REPORT

WEEK - 12 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report:

It depends on the crops we grow
as nature of the soil.

- for agricultural crops - inches for
fertilizer granules. 5-6 feet core sample
per one feet soil samples can be taken
with the help of shovel, pickaxe.

→ available to farmers Soil

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

During an Internship I had acquired both hard skills and soft skills are required to stand out from others in the industry. be it an interview or in the work place. Agriculture sector demands skillful employees I gained key skills that are necessary to move forward.

Technology based skills, versatility, Time management & organisation skills, managing data, Adaptability are the basic skills which I attained, This mainly includes acquiring Tech-based skills on things such as Irrigation, use of pesticide, Improving methods & Techniques of cultivation, harvest, storage & transport.

- > How to put my abilities

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.

Managerial skills I have acquired in terms of planning is one of most important skills for managers. It is all about defining the goals of organization. It includes vision, plan for future, leadership skills, are focused on power & ability to lead other people. Time Management is one of the main important role in everyone's life in this organization. The time was well-utilized. So, I attained how to utilize the time i.e. Time Management. Team work. The team depends on this in organization development depends on team work in this organization. The people are very supportive to each other. Behaviour means the way you communicate, being patience balancing & time management. I had attained to being patient & communicate. I have acquired a time management skill how to plan & how to divide time between various tasks. Improvement in competencies is to attain motivating others, written

communication theory, starting is the
primary stage of your technical analysis
you of technical analysis

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.,)

There are many ways to improve your communication skills.

- ⊗ Good communication leads to good understanding.
- ⊕ Be clear and attentive. Be concise.
- ⊗ Build your emotional intelligence.
- ⊗ Be an active listener. It helps to improve communication skills.
- ⊗ Record yourself when you are communicating with others & practice.
- ⊗ Hold effective meetings. Attend workshops & online classes.
- ⊗ Practice self awareness especially during tough conversations.
- ⊕ Don't be accusatory when raising an issue.
- ⊗ Get rid of those 'ums' & 'ah's'.
- ⊗ Making eye contact while someone talking.

- ⑧ In written communication, keep it short & sweet & keep words & sentences simple.
- ⑨ Assertive & Active voice should be maintained.

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

The organization structure was so effective. staff members and my friends helped me to cope well all challenges at work. Group discussion are very well. It involves sharing ideas. People are connected with one basic idea. by group discussions I gained The following skills such as leadership skills, social skills & behaviour, politeness, Teamwork, confidence and listening ability.

I enjoyed working in a discussions with group. By listening well to the ideas of other speakers, I learned something. speaking confidently by using an appropriate tone is effective to participation in group discuss I acquired good communication skills by participate in teams Active listening is the attention which I gained and build trust with employees & other members. As a

Team member I Respected others, and I am helpful
to other Team mates by sharing enthusiasm.
These may be very helpful in Real life which
I had gained during This Internship period.

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

The Twenty-first century has seen a Technological Revolution. The old Technological is completely vanished & other new one's has replaced in the section of Agriculture. The digital Technology plays a key role to enhance the knowledge of farmers. Digitalization makes the farming as easy.

Arrangement of digital kiosk is also the part of Technological. Development we have seen in RBKS will have digital kiosks through which the farmers can place the order. Through the Technological development it will help farms to markets the agricultural produce better. In early days to know the moisture in food grains hot air oven is used. It takes more than two hours to calculate the moisture content of food grain. Now we are using moisture in food grains to provide Agricultural Extension services to farmers & to transfer the loted

Technical Knowledge by The Global Investors.

Student Self Evaluation of the Short-Term Internship

Student Name: Koira Bhavani Registration No: 2022015643
 Term of Internship: From: 12/12/2022 To: 18/3/2023
 Date of Evaluation:
 Organization Name & Address:

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

K. Bhavani
Signature of the Student

Date:

Evaluation by the Supervisor of the Intern Organization

Page No

Student Name: Koira Bhavani Registration No: 2022101516028
Term of Internship: From: 12/12/2022 To: 18/3/2023
Date of Evaluation:
Organization Name & Address:
Name & Address of the Supervisor
with Mobile Number

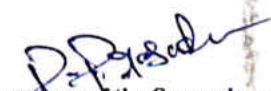
Please rate the student's performance in the following areas:

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

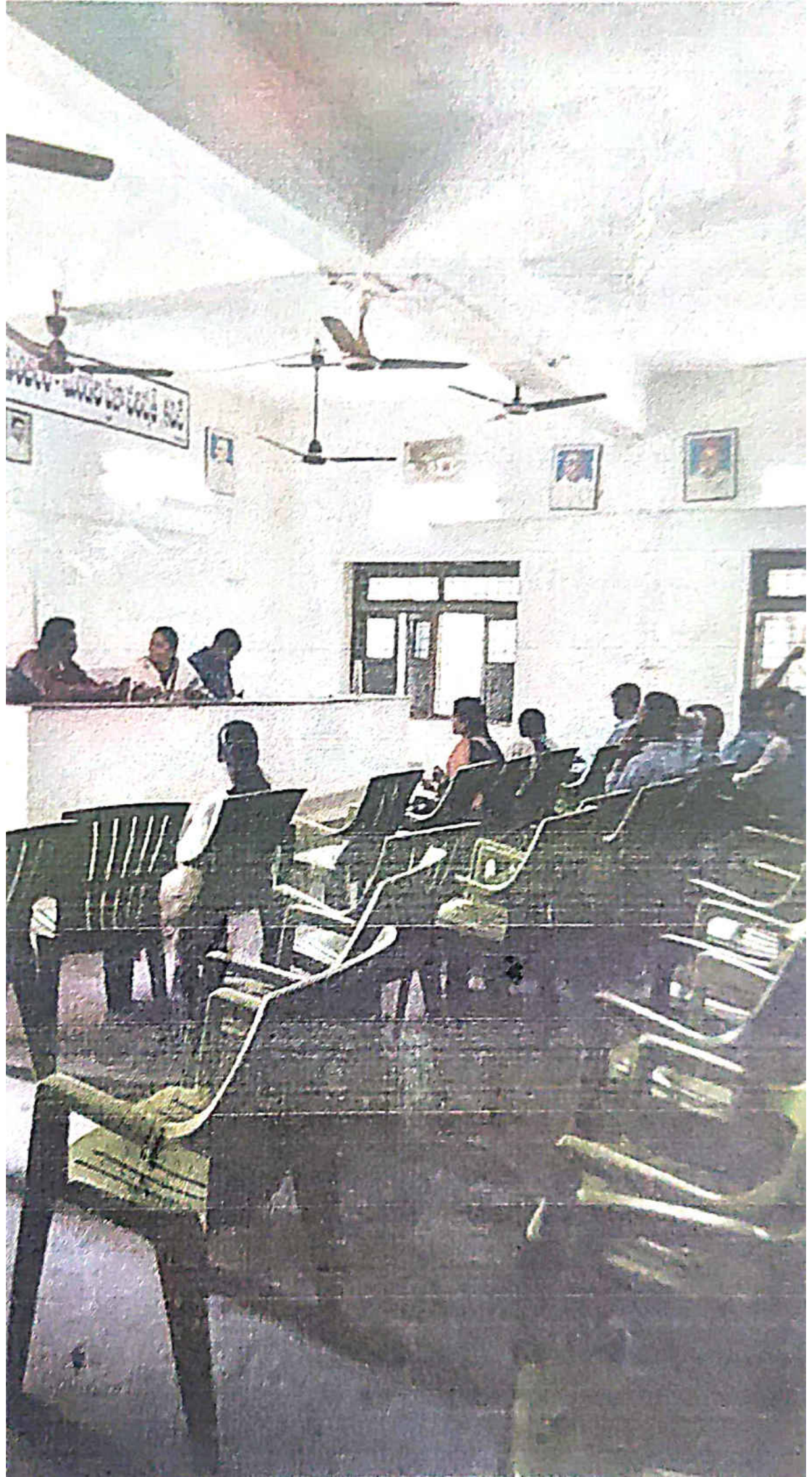
Rating Scale: 1 is lowest and 5 is highest rank

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:


Signature of the Supervisor
Mandal Agriculture Officer
KAVITI
Srikakulam Dist. (A.P)





EVALUATION

Page No

Internal & External Evaluation for Semester Internship

Objectives:

- Explore career alternatives prior to graduation.
- To assess interests and abilities in the field of study.
- To develop communication, interpersonal and other critical skills in the future job.
- To acquire additional skills required for the world of work.
- To acquire employment contacts leading directly to a full-time job following graduation from college.

Assessment Model:

- There shall be both internal evaluation and external evaluation
- The Faculty Guide assigned is in-charge of the learning activities of the students and for the comprehensive and continuous assessment of the students.
- The assessment is to be conducted for 200 marks. Internal Evaluation for 50 marks and External Evaluation for 150 marks
- The number of credits assigned is 12. Later the marks shall be converted into grades and grade points to include finally in the SGPA and CGPA.
- The weightings for Internal Evaluation shall be:
 - Activity Log 10 marks
 - Internship Evaluation 30 marks
 - Oral Presentation 10 marks
- The weightings for External Evaluation shall be:
 - Internship Evaluation 100 marks
 - Viva-Voce 50 marks
- The External Evaluation shall be conducted by an Evaluation Committee comprising of the Principal, Faculty Guide, Internal Expert and External Expert nominated by the affiliating University. The Evaluation Committee shall also consider the grading given by the Supervisor of the Intern Organization.
- Activity Log is the record of the day-to-day activities. The Activity Log is assessed on an individual basis, thus allowing for individual members within groups to be assessed this way. The assessment will take into consideration

the individual student's involvement in the assigned work.

- While evaluating the student's Activity Log, the following shall be considered -
 - a. The individual student's effort and commitment.
 - b. The originality and quality of the work produced by the individual student.
 - c. The student's integration and co-operation with the work assigned.
 - d. The completeness of the Activity Log.
- The Internship Evaluation shall include the following components and based on Weekly Reports and Outcomes Description
 - a. Description of the Work Environment.
 - b. Real Time Technical Skills acquired.
 - c. Managerial Skills acquired.
 - d. Improvement of Communication Skills.
 - e. Team Dynamics
 - f. Technological Developments recorded.

MARKS STATEMENT
(To be used by the Examiners)

Page No

INTERNAL ASSESSMENT STATEMENT

Name Of the Student: *Koppla Bhavani*

Programme of Study: *3rd (B.Sc)*

Year of Study: *2022 - 2023*

Group: *3rd (B-SC) CMCTU*

Register No/H.T. No: *2022001566028*

Name of the College: *GVT Koppal college (MEN) Srikrakulam*

University: *DR. BR. Ambedkar University.*

Sl.No	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Activity Log	10	8
2.	Internship Evaluation	30	28
3.	Oral Presentation	10	8
	GRAND TOTAL	50	44

Date:

V. S. S. K.
Signature of the Faculty Guide

EXTERNAL ASSESSMENT STATEMENT

Name Of the Student: Koyna-Bhavani

Programme of Study: 3rd (B.Sc)

Year of Study: 2022-2023

Group: 3rd (B.Sc) (HCU)

Register No/H.T. No: 2022001566028

Name of the College: GVT degree dg (HCU), Sukakulam

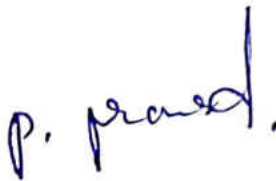
University: DR BR Ambedkar University.

Sl.No	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Internship Evaluation	80	77
2.	For the grading giving by the Supervisor of the Intern Organization	20	18
3.	Viva-Voce	50	45
	TOTAL	150	
GRAND TOTAL (EXT. 50 M + INT. 100M)		200	

Signature of the Faculty Guide



Signature of the Internal Expert :



Signature of the External Expert

Signature of the Principal with Seal





ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

(A Statutory Body of the Government of Andhra Pradesh)

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