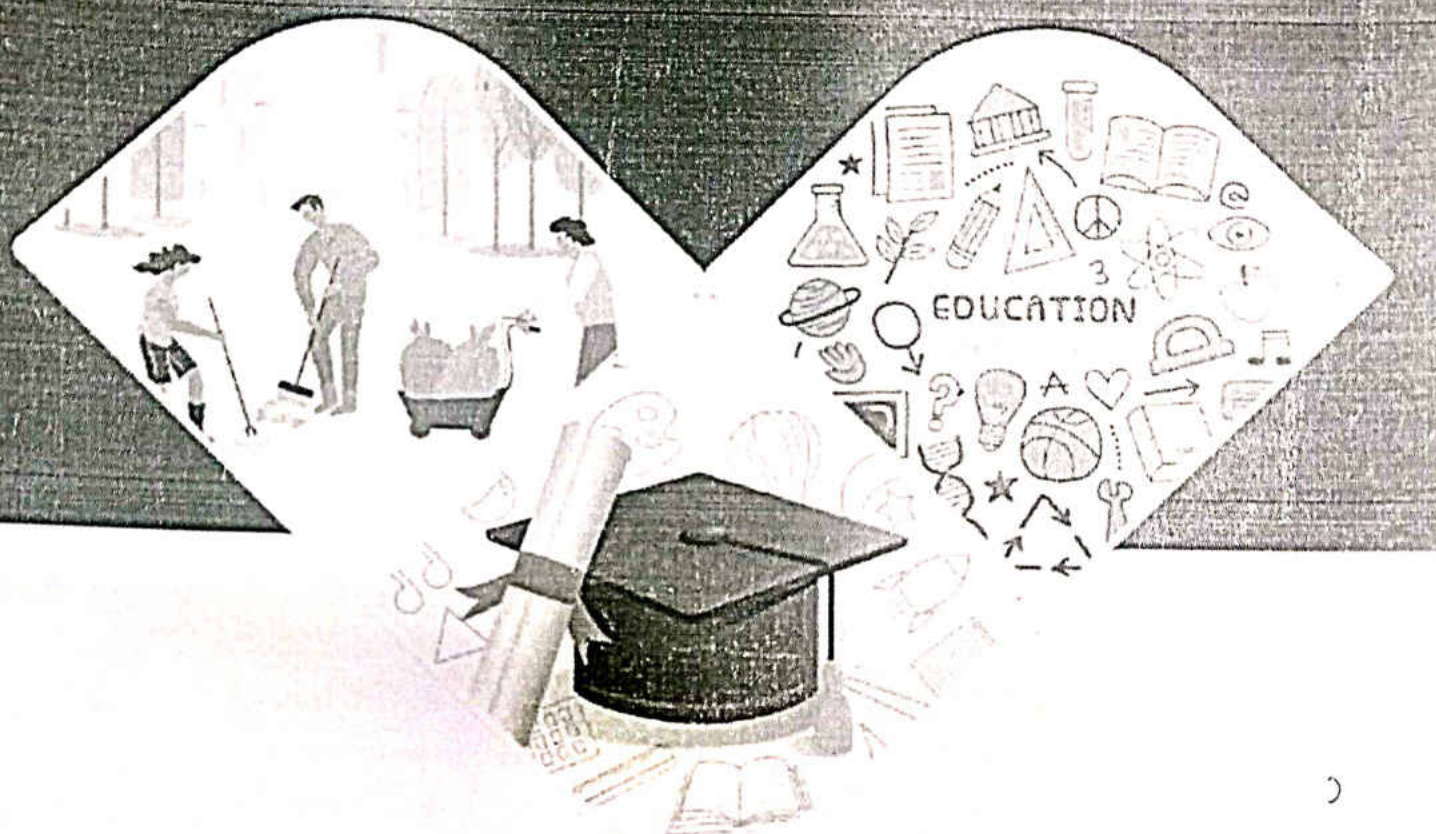


Model Program Book



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: *Salivada. Huma Latha*

Name of the College: *Govt. Degree College (MEN), SriKakulam*

Registration Number: *2022001052040*

Period of Internship: *4 months* From: *12/12/22* To: *18/3/23*

Name & Address of the Intern Organization: *Etcherla - RBK*

Dr. B.R. Ambedkar **University**
YEAR

INTERNAL ASSESSMENT STATEMENT

Name Of the Student: S. Hemalatha

Programme of Study: IIIrd BSc

Year of Study: 2020-21

Group: MPC

Register No/IL.T. No: 2022001052040

Name of the College: Govt Degree College [MEN] SKM

University: Dr. B.R. Ambedkar University

SLNo	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Activity Log	10	09
2.	Internship Evaluation	30	29
3.	Oral Presentation	10	10
	GRAND TOTAL	50	48

Date:


Signature of the Faculty Guide

EXTERNAL ASSESSMENT STATEMENT

Name Of the Student: S. Hemalatha .

Programme of Study: BSC IIIrd year

Year of Study: 2020 - 21

Group: MPC

Register No/II.T. No: 2022001052040

Name of the College: Govt Degree college [MEN] SKIM

University: Ambedkar University.

Sl.No	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Internship Evaluation	80	78
2.	For the grading giving by the Supervisor of the Intern Organization	20	19
3.	Viva-Voce	50	44.
	TOTAL	150	
GRAND TOTAL (EXT. 50 M + INT. 100M)		200	

Signature of the Faculty Guide



Signature of the Internal Expert



Village Agriculture Assistant
Etcherla (V.S), Etcherla (M)
Etcherla (Dt).A.P-532 410

Signature of the External Expert

A. Panigrahi
19/07/23.

Signature of the Principal with Seal

An Internship Report on

Ethiopia RBK [Agriculture]

(Title of the Internship)

Submitted in accordance with the requirement for the degree of

Under the Faculty Guideship of

Chandra Sekhar

(Name of the Faculty Guide)

Department of

Chemistry

(Name of the College)

Submitted by:

S. Hema Latha .

(Name of the Student)

Reg.No: 2022001052040

Department of

Chemistry Govt Degree College

(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 2 months (180 hours) of short-term internship either physically or virtually.
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.

-----<<@>>-----

Student's Declaration

I, S. Hemalatha a student of _____
Program, Reg. No. 2022001052040 of the Department of Chemistry
College do hereby declare that I have completed the mandatory internship
from _____ to _____ in Elcheerla RBK. (Name of
the intern organization) under the Faculty Guideship of
chandrasekhar (Name of the Faculty Guide), Department of
Chemistry, Govt Degree college [MEN] SKM.
(Name of the College)

S. Hemalatha
(Signature and Date)

Official Certification

This is to certify that S. Hemalatha (Name of the student) Reg. No. 2022001052040 has completed his/her Internship in Cicherla RBK (Name of the Intern Organization) on Garhee bhavisha kendram (Title of the Internship) under my supervision as a part of partial fulfillment of the requirement for the Degree of Chemistry in the Department of Govt Degree Ctg (Name of the College).

This is accepted for evaluation.


(Signatory with Date and Seal)

Endorsements

Faculty Guide

Head of the Department

Principal

Certificate from Intern Organization

This is to certify that S. Hemalatha (Name of the intern)
Reg. No 2022001052040 of Govt. Degree Ctg (Name of the
College) underwent internship in Etcherla P.B.K. (Name of the
Intern Organization) from _____ to _____

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



Authorized Signatory with Date and Seal

Village Agriculture Assistant
Etcherla (V.S), Etcherla (M)
Srikakulam (Dt).A.P-532 410

Contents

1. Title Page
2. An Internship report
3. Instructions to students
4. Student declaration
5. Official certificate
6. Certification from Intern Organization
7. Acknowledgements
8. Chapter 1: executive summary
9. Chapter 2: overview of the organization
10. Chapter 3: Internship act.
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 supervisor
15. Internship photos & videos
16. Internal & external evaluation.

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.

1st week : Elcherla R3K village, Boppairu - 78 acres. minimum support Price for general type per bag - 9040/-

2nd week : Current scenario of R3K.

3rd week : seed germination, seed dormancy and treatment.

4th week : Details of groundnut crops.

5th week :- Preparation of soil and depth information of soil.

6th week : Plant spacing & sowing of seeds & fertilizer.

7th week :- Deficiency symptom, water management.

8th week :- Pests & disease groundnut.

9th week : Digital kiosk.

10th week : Dr. YSR Zero interest crop loan scheme.

11th week : - Soil conservation scheme.

Soil health card scheme.

12th week : - CHC - sanctioned by govt to increase agriculture

Soil samples.

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) Government of Andhra Pradesh has launched RBK.

B) State launched this scheme to bring more transparency quality of service

C) earlier this year the Govt has removed agriculture assistance

D) chief minister → chief secretary → consumer ↓

MAA ← MAG ← ADA ← Joint-dist — Joint collected ← Dist collected

E) Routine records prepares graphs & charts, visit recording

F) many crops are grown acc to region & demand.

G) RBK system is a giant step in bringing the system. is a giant step is bringing the system closer to farmers.

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 occurred in RIK are important for our future skills which acquiring knowledge.

mainly we have learn about Paddy crop measurement-
Processes measurement working condition, soil testing
Rambadi & e-crop.

1) measurement-

2) collection of soil samples for soil test.

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	Kharif - Basic data. AKKAVARAM - Revenue villages. 1) BOPPAIPURAM 2) AKKAVARAM	TOTAL no. of farmers - 588 TOTAL land is 618 acres.	
Day -2	BOPPAIPURAM - 78 acres AKKAVARAM - 180 acres VIKRAPURAM - 244 acres SHYAMASUNDARAM - 116 acres	Crop details Paddy - 610 acres Sugarcane - 3 acres Garden - 5 acres	
Day -3	Purchase of grain through Rythu Bhojale Kendras.	minimum supply Normal type. Per quintal - 2040 For 80 kg - 1632	
Day -4	Quality Parameters to be followed to get Supply Price.	The maximum % allowed by central govt is 10 %.	
Day -5	Supply Prices for other agriculture products. Registrations in RAK.	Crops available. Prices Purchase Periods.	
Day -6	For Purchase of grain by registering in e-crop who have complete KYC.	TOTAL farmer - 588 Farmer who have undergone e-KYC are 528.	

WEEKLY REPORT

WEEK - 1 (From Dt. 7/12/22 to Dt. 12/12/22)

Objective of the Activity Done:

Detailed Report: AKKURAM PULVERE VILLAGES.

- 1) Borraipuram - 7800 2) AKKURAM - 1800 3) VIKRUPURAM - 24400
4) SHYAMADRA PURAM - 16600 TOTAL 46800 QTY.

Total no. of Farmers - 528 Farmers undergone e-KYC-528

Purchase of grain through Rythu bhazas, kendras.

The grains conforming the quality standards decided by the government of India. Is procured from farmers if not the farmers have to prepare their grain in such a way that it meets the quality standards. Grain will be purchased only from farmer who have registered & complete e-KYC & are ready to show their grain. quality parameters to get supply price.

- 1) waste, soil, rocks - 1.0 2) spoiled discoloured and sprouted 3.0
3) Immature, weedy grain - 3.0
4) moisture level should be below 17.0

All spoiled, sprouted, Infested cereal grain must be not more than 4.1 TAI free number.

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 bags sent by the Farmer within 91 days.	
Day -2	Current scenario of Etcherla RBK.	Rabi season is 359 car major crops-groundnut	
Day -3	DR YSR POLAM BADI 7 Terms of Polam badi 30 Farmers, 25 acres field	1) Healthy crop Cultivation 2) Protecting Field Insects.	
Day -4	ICM = INM + WM + IWM + FM	Integrated crop management.	
Day -5	POLAM BADI - Field study How is it conducted.	Participatory Learning experience - sharing of experience Farmers	
Day -6	14 weeks of Polam badi Field study	Induction Team building Agro Ecosystem analysis	

WEEKLY REPORT

WEEK - 2 (From Dt. 14/12/22 to Dt. 20/12/22)

Objective of the Activity Done:

Detailed Report: Method of Procurement of grain: The quality standard of grain should be checked at Raythu bhavosa, kendam & available vehicles should be scheduled by VAA. At given scheduling time technician assist and with help of VAA should collect the grain from farmer Threshing floor 2kg & bring it to RBK. The Farmer should not take the available vehicles & loads the sacks of grain sacks should be weighed & send the copy to data entry.

Current Scenario of Etcherla RBK: The Revenue village area of RBK under jurisdiction 99-93 is 359 acres. Ground out 75 acres.

Dr. Y.S.R. POLAM BADI:- How it is conducted:-

1) Participatory 2) Experiential learning 3) Sharing of experiences 4) Group dynamics 5) Farmer's feedback.

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.	
Day -2	Criteria for essentiality essential nutrients - C, H, O, N, P, K, Mg	macro nutrients C, H, O, N, P, K, Mg macro nutrients	
Day -3	Ferti Fertilizers application.	1) Time of application 2) place of application 3) Amount of application	
Day -4	Seed germination Seed dormancy element Seeds types.	Scarification Stratification Chemical treatment - mement	
Day -5	Deficiencies of macro Primary elements - N, P, K.	Nitrogen - yellowing of leaves. phosphorus, purplish color	
Day -6	Inter cropping - Together Trap cropping mono cropping	Cereals - pulses To escape from pests & diseases.	

WEEKLY REPORT

WEEK - 3 (From Di 21/12/22 to Di 24/12/22)

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 completes its life cycle in two or more years
eg: mango, coconut

3) Biennials: The crops which complete its life cycle two years
eg: carrot, Beets

Criteria for essentiality :-

In absence of one element plants do not complete their life cycle.

1) one element must be directly another element

2) The element must be directly involved in metabolism of

Plants seed germination: The process seeds developing into new plants.

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>	Majoli oil seed crop - AP Janka third in Production.	
Day -2	constraints in groundnut cultivation of productivity.	-> Lack of agricultural mechanization -> Lack of modern management.	
Day -3	Suitable climate groundnut (peanut)	Areas with low humidity are more suitable for groundnut.	
Day -4	Climate	It requires 750-1200 mm of rain fall.	
Day -5	Soils suitable for groundnut crop	Light soils -> Soils with calcium -> Sulfur are ideal.	
Day -6	Soils which suit best to grow groundnut - High organic matter	-> sandy loamy soils. E red Soils pH - 6.0 to 7.5 are best.	

WEEKLY REPORT
WEEK - 4 (From Dt. 28/12/22 to Dt. 3/1/23)

Objective of the Activity Done:

Detailed Report: Groundnut:-

Groundnut is the major oil crop seed grain in our state among the growing state in India. A.P. 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 mainly grown in Ananthapur, Chittoor, Kurnool and V.S.R. Kadapa.

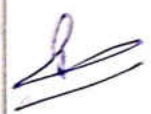
Constraints in groundnut cultivation productivity.

- 1) Non-cultivation of water stress resistant variety in ground.
- 2) Lack of agricultural mechanization.
- 3) Lack of proper water & micronutrient management at right time.

Climate and soil:-

- 1) Areas with low humidity are most suitable for groundnut.
- 2) Average Temp $25-28^{\circ}\text{C}$ are suitable.
- 3) It requires 500-1200 mm of rainfall.
- 4) Light soil & soils with calcium & surface are ideal.

ACTIVITY LOG FOR THE FIFTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	Groundnut:- soil preparation season condition, varieties duration [period]	Deep weeding in summer can reduce in incidence of crop before sowing	
Day -2	Groundnut sowing time Seed dose.	North coast - early Kharif/summer March - April	
Day -3	Groundnut:- seed dose and sowing time.	seed Rayalaseema [southern lower Tamil Nadu]	
Day -4	Seed dose of groundnut.	Seed dose is determined by seed size sowing time & variety	
Day -5	Seed treatment of groundnut	Per kg seed one gram of Triclorfon or chlordane powder	
Day -6	Seed treatment before sowing the seeds of groundnut	Seed should be first treated with insecticides.	

WEEKLY REPORT

WEEK - 5 (From DL 9/11/22 to DL 12/11/22)

Objective of the Activity Done:

Detailed Report: Groundnut - Soil Preparation

Deep weeding in summer can reduce the incidence of crop damage by 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 December 15 (up to) Pongal season (South & low rainfall zones) :-

Kharif :- first week of July - August ; Rabi :- upto Nov - Dec 15

Seed dose :- Seed rate is determined by seed size, sowing time

Variety, Narayani, Kadizi, I.C.G.V 91/11, dhara, greeshma, Rohini, Abhaya, Prasanna, Kadizi-9, T.A.G-24, Kadizi Amaravathi, Harithandya, dheeraj, Bhema, Kadizi-7,8 Boldal - the seed rate required is 52-56 kg Kharif & 70-76 kg in Rabi. Nityabathi - seed rate in Kharif - 60-64 kg Kadizi - Amaravathi, - Harithandya, dheeraj - In Rabi 80-84 kg. Bhema variety seed dose in Kharif - 64-68 kg, Rabi - 80-88 kg, Kadizi-7,8 Bold varieties seed dose in Kharif 44-52 kg in Rabi - 90 kg is required

Seed treatment :- Per kg seed 3 grams of Hancozed, Trichoderma Powder should be required to treat a seed, when planting new variety of groundnut they should be (seeds) treated with Rhizobium Bacteria.

ACTIVITY LOG FOR THE SIXTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Seed delmancy in ground nuts. Removal of seed delmancy in seeds of ground nut.	Groundnut varieties from different climatic mixed in to different dates	
Day - 2	Seed delmancy removes in ground nut seeds.	Other than 125 ml mixed in 2 litres of water & spray	
Day - 3	Plant spacing and sowing method in ground nut.	Grown in early Kharif. Bheema dasai, Nirya.	
Day - 4	Sowing seeds of ground nuts.	The seed should be sown either with a harrow.	
Day - 5	Fertilizers (urea) for ground nut crop.	The fertilizer dose should be decided on soil test.	
Day - 6	Fertilizers (urea) for ground nut crop.	Nitrogen 20 (27) (urea) 16 (10) kg Phosphorus 20 (33) (DAP)	

WEEKLY REPORT

WEEK - 6 (From Dt. 11/1/23 to Dt. 20/1/23)

Objective of the Activity Done:

Detailed Report: Removal of seed dormancy in groundnut seeds.

Dormant varieties either (100%) mixed in 10 litres of water and soaked in solution for 12 hrs & dried shades & seeds are sown (31) 3% ethephon 125ml mixed in 3lit of water.

Start on 100kg of seed in a night has over night.

next day in shade & they are sown.

sowing method & Plane-spacing: even early
Kharif bheema, deewai Nithulla should follow 30x10cm
plane-spacing. If sow the seeds.

Fertilizer does not should be decided on soil test. The
Following fertilizer does should nitrogen single phosphate
potash gypsum, zinc sulphate.

ACTIVITY LOG FOR THE SEVEN WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Plant- population Based on plant- spacing Groundnut	No. of plants per unit of land. $pp = \frac{1000}{\text{Row length} \times \text{Spacing}}$	
Day - 2	Deficiency symptoms of Nitrogen Phosphorus Potassium	(N) Yellowing leaves (P) Purple colour (K) Discolouration leaves	
Day - 3	Water management of Peanut's crop	Groundnut seed - water & water 8-9 tops are subjected	
Day - 4	Water management in ground crop	If water is given Through sprinkles 25% of crop will	
Day - 5	Inter cropping trap cropping mono-cropping	more yield to escape from pests & diseases 1. crop is grown	
Day - 6	Inter Cropping Pattern of crops	castor, Pearl millet sorghum - these can be intercropped with groundnut	

WEEKLY REPORT

WEEK - 7 (From Dt. 21/1/23 to Dt. 28/1/23)

Objective of the Activity Done:

Detailed Report:

Water management in groundnut crops:-
Groundnut requires 400-450-mm of water, & for are sufficient. Before sowing, the soil should be watered well & the seed should be planted when it is wet enough. Second watering should be done 20-25 days after sowing. Then watering should be applied at intervals of 7-10 days depending on soil characteristics & clay soil percentage. The last wet should be given 15 days before harvest. From the stage of leaf landing of pods to the stage of ripening of nuts. The seed is sensitive from 45-50 days to 85-90 days. So, in this stage, water should be given properly in proper amount.

If water is given through sprinklers, 25% crop water saving & yield increase. In case of drip cultivation, drippers should be placed at a distance of 90x90cm & 10mm of water should be given once every 3 days until the pods are formed, then 10mm of water should be given every two days.

ACTIVITY LOG 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 harmful Insects.	
Day - 2	Groundnut field environment analysis	The major are predators, pests & pathogens - spiders	
Day - 3	Pests in groundnut 1) Eczema mites. 2) Aphids / black fly	Symptom - suck Juice of leaves control - spraying	
Day - 4	Pests - symptoms / control 1) Leaf hopper - mealybugs 2) Leaf curl / Folder	Symptom :- Both mother & young child underside of leaves.	
Day - 5	1) Red caterpillar 2) Tobacco caterpillar Symptoms / control	Symptom: caterpillars eat leaves, shoots & stem. control:	
Day - 6	Diseases in groundnut Symptoms & control 1) Tikka Leaf Spot disease	Symptom - dark brown circular spots on leaf.	

WEEKLY REPORT

WEEK - 8 (From Dt. 29/1/23 to Dt. 4/2/23)

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, weevils, syrphids are 4 types of predators. Trichogramma, telenomus destroy the larval stage. Farmers should conduct regular surveillance, closely monitor the crop area & take appropriate decision after analysis.

Pests:- Eozemamites - Symptoms: Suck the juice of leaves, if curling/shrivel of leaves & plants will become stunted.

Control measures:- Per acre monocrotophos 320ml + neem oil 2lit + 1kg soap powder per 200 litres of water. The seed should be sprayed 2 times in 10 to 15 days interval. Black fly: As clusters they suck the sap.

Leaf hopper:- Symptoms:- Both young & mother caterpillars suck sap - Imidocloprid are going in colour, in the first stage these are brown spots on the leaves.

ACTIVITY LOG FOR THE NINETH WEEK

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.	EMAID, CMAPP Fishery, Animal Husbandry	
Day - 2	KIOSK Importance.	Information on certified Good Cuts.	
Day - 3	Agriculture Agri-serv. Pollal Services of KIOSK.	Providing weather Information Facility to know the market Price	
Day - 4	Current Agricultural Schemes undergoing at Elcherla RBK.	1) Dr. YSR Raitthu Bharosa 2) Dr. Y.S.R Zerwin - east - Chonnam	
Day - 5	Scheme Dr. Y.S.R Raitthu Bharosa ₹ 7500/- 4000/-, 2000/-	Govt. of A.P TO Financially assist Farmers by deposit	
Day - 6	Who are eligible for Raitthu Bharosa.	Cultivators belong to landless SC, ST back bared.	

WEEKLY REPORT
WEEK - 9 (From Dt. 5/2/23 to Dt. 11/2/23)

Objective of the Activity Done:

Detailed Report: Digital kiosk & its uses:-

Apps: EmAID, CMAPP, 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 products.
- Agriculture Agri net portal services.

Current Agriculture scheme undergoing at Akkavaram RBK:

- 1) Dr. Y.S.R. Raithu Bhoxosa.
- 2) Dr. Y.S.R. Zero cop loan Interest
- 3) national food security mission.
- 4) Soil health card scheme.

1) Dr. Y.S.R. Raithu Bhoxosa:- It is a program launched by govt of A.P to financially assist farmers by depositing an amount of ₹13,500 per annum in three installments in association with P.M kisan with state government contributing ₹7500 & 6000.

ACTIVITY LOG FOR THE TENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Dr. YSR Zero Interest Crop loan Scheme.	Farmers loan is 7%. State govt. 4% & central govt.	
Day - 2	Eligibility of this scheme objectives & Benefits.	main objective is Scheme welfare of the farmer.	
Day - 3	Dr. Y.S.R Zero Interest Crop loan Scheme Details.	e-crop registered are eligible	
Day - 4	National Food security mission [NFSM]	Authorized by central govt of India.	
Day - 5	Objectives of NFSM National Food security mission	Increase yield By increasing cultivated area	
Day - 6	NFSM main points	Setting up to community de compositions.	

WEEKLY REPORT

WEEK - 10 (From Dt. 13/2/23 to Dt. 18/2/23)

Objective of the Activity Done:

Detailed Report: Dr. Y.S.R Zero Interest- Crop Loan Scheme.

C. Crop registered Farmers are eligible for this Scheme.

Farmers loan is 7% Y.S.R Zero Interest- Crop loans. launched by the CM Y.S. Jagan mohana reddy. This scheme is mainly launched for farmers across the state.

Under this Scheme all the Farmers across the state under this Scheme all the Farmers who take loans up to 1 lakh & repay the same with in 1 year will be covered Interest- subsidy will be provided to the beneficiary Farmers under this Scheme.

It aims to free the Farmers from vicious circle of money lender rather govt will directly provide them Interest- subsidy on loans taken.

Loans providers under this Scheme are Interest- National Food security.

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 2017-2018 To the govt of India.	
Day - 2	SH C.	Analysis of the Soil samples.	
Day - 3	Dif Steps in Soil Testing	Collection of Soil samples - Testing in Lab.	
Day - 4	Collection of soil - Soil Testing	Soil samples for Soil Testing	
Day - 5	When the soil can be collected (samples)	Soil samples can be taken at any time when.	
Day - 6	When to take the - Soil samples.	Soil samples should be collected	

WEEKLY REPORT
WEEK - 11 (From Dt. 18/2/23 to Dt. 25/2/23)

Objective of the Activity Done:

Detailed Report:

Soil health and scheme (SH) soil conservation scheme. For the year 2019-2020 the govt. of India selected one village Permadal under village Pilot Project on SH.

collected soil samples from every field. Analysis of soil samples from every field. Analysis of soil samples from every field before planting do not provide documents Rs. 2500 before each demonstration field.

Diff stages in soil testing:-

- > collection of soil samples.
- > Testing in a laboratory
- > Fertilizer recommendations based on results.
- > collection of soil samples.
- > when the soil samples can be collected.

ACTIVITY LOG FOR THE TWELVETH WEEK

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 depth on the crops was grown & natural soil	
Day - 2	Tools to collect soil samples.	Soil samples can be taken with the help of shovel	
Day - 3	Soil samples depth how much?	It field soils of same @ sample for scales.	
Day - 4	Soil sample collection.	The soil should be removed to the sample of soil	
Day - 5	How the name of soil samples can be known?	The details of Farmer relative no. of farmers.	
Day - 6	Soil tests name.	The details of Farmers come to their mobile number.	

WEEKLY REPORT

WEEK - 12 (From Dt. 27/2/23 to Dt. 4/3/23)

Objective of the Activity Done:

Detailed Report:

Depth of soil samples collection:-

- It depends on the crops are grown & nature of the soil
- For agricultural crops - 6 inches For Fertilizer Gardness 5-6 cone sample per one feet.
- Soil samples can be taken with the help of cone Pick are available to Farmers.
- Soil type colour irrigation water availability depth cultivation methods variation in crop yield
- > Shaper - 6 inches deep using whole field is of some type, it is enough to take same type for 5 cases:
- To collect - Soil samples.

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.)

Good environment is very important for learning & doing any work in an organization. Good environment is always boosting up your interest. The RBK office is more comfortable and inspiring my interest of going work. The overall environment is good.

It feels good to interact with farmers. It feels there is good. It feels good to interact with farmers.

It feels there is a good interaction with my classmates like light tables chairs minimum facilities are available like fan, light tables, chair, computer, green board, knows a student casually wearing college uniform.

As a science student, knowledge for farming is much more important necessary for my better future.

Ventilation good for that organization whenever the teacher has assigned the group work we can complete it as a team with a combination of everyone's.

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

During 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 workplace.

Agriculture sector demands skillset employee based skills which I attained this mainly in acquiring technical skills irrigation use pesticides, improving methods & technique cultivation harvest, storage & transport.

→ How to put my abilities (or) knowledge used to perform practical tasks in the areas of science.

→ How important smart agriculture technology is.

→ understanding work place culture.

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.

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 workplace agricultural sector demands skillful employees. I gained key skills that are necessary to move forward. Technology based skills; Versatility Time management is organisation skills managing data adaptability are the basic skills on things such as irrigation use of pesticide improving methods of techniques of cultivation harvest storage & transport.

- How to put my abilities & knowledge use to perform practical tasks in the areas of science.
- How important smart agriculture technology is.
- understanding workplace culture.

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
- * Hold effective meetings. Attend workshops online classes
- * Don't be accusatory when raising an issue.
- * Get rid of Those um's & ah's
- * making eye contact while talking
- * Try not to make assumptions.
- * use active voice Be with clarity Speak directly
- * Never respond to messages when you are upset.

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 my staff members and my friends helped me to cope well with all challenges at work group discussion are very well involves sharing ideas. people are connected with one basic ideas. By group discussions of gained the following skills. such as leadership skills communication. social skills behavior politeness teamwork confidence and listening ability. I enjoyed working discussion with group. As a team members I respected others and I am helpful to other teammates by sharing

listen to needs of my teammates by leading a team/activity I learned leadership qualities feeling clearly confidently.

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 technology is completely vanished other new ones has replaced in the sector of agriculture the digital technology plays a key role to enhance the knowledge of farmers digitalization makes the farming more easy.

Arrangement of digital soil is also the part of technological development we have seen in RBKs will have with the farmers can place the order products like fertilizers etc.

It takes more than two hours to calculate the moisture of food grain now we are using moisture testing machine and can know the moisture of grains within a minute.

Student Self Evaluation of the Short-Term Internship

Student Name: S. Hemalatha

Registration No: 2022001052040

Term of Internship:

From: 7/12/22

To: 8/3/23

Date of Evaluation:

Organization Name & Address: Etcherla RBK.

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:

Signature of the Student

Evaluation by the Supervisor of the Intern Organization

Student Name: S. Hemalatha

Registration No: 2022001052040

Term of Internship: From: 7/12/2022 To: 8/03/23

Date of Evaluation:

Organization Name & Address:

Name & Address of the Supervisor Revathi Etcherla RBK
with Mobile Number 9549053150

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
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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

Village Agriculture Assistant
Etcherla (V.S), Etcherla
Srikakulam (Dt).A.P-5

Page No:

PHOTOS & VIDEO LINKS







ఇక నంటి ఇద్దరు మనుషులు లేదు - సాగు భారమున్న బాధ లేదు
 బిగినన్న అంటిమిన్న 'వై.ఎస్.ఆర్. రైతు భరోసా'



అప్పుడు మీ రైతు కుటుంబానికి
 'వై.ఎస్.ఆర్. రైతు భరోసా' - పంట, కిషన్, ఇతర అవకాశాలు
 రూ. 10,000/- పెట్టుబడి సాయం

సాగు పట్టిక ఆధారంగా
 3 విడతలలో రైతులకు పెట్టుబడి సాయం

మొదటి విడత
రూ. 7500/-

రెండవ విడత
రూ. 4000/-

మూడవ విడత
రూ. 2000/-

చూమిలేని సాగుదారులు కూడా రైతు భరోసా కు అర్హులే!

అకాలిగ్లెట్, ఎం.ఎస్.ఎస్.టి
 పంటలులేని సాగుదారుల ద్వారా
 ఎం.ఎస్.ఎస్.టి సాగుదారులు

దేవాలయం, ఇతర భూమిలు
 సాగు చేసే సాగుదారులు

వాణ్ణుపర్తిలో ఉంటే భూమిలు
 సాగు చేసే సాగుదారులు

వాణ్ణుపర్తి వ్యవసాయ ఉత్పాదకాల
 కేసుగోలు కి ఈ సాయం !!



చిన్న, సన్నకారు అనే తేడా లేదు....
 సాగుదారులందరికీ 'రైతు భరోసా' సహాయం

మారు కారం పొందేందుకు
 సామాజిక రిస్కు

ప్రతి పంటకు ప్రత్యేకంగా ఉన్న పంట పట్టికను పాటించండి





ఇక ఎంకె ఇళ్లకు దగ్గులు లేదు సాగు బతుకుమ్మ బాడ లేదు
 బగిసెన్స్ లంబాప్పుస్సె 'ప్ర.ఎస్.ఆ' 3. రైతు భరోసా



సాగు పట్టిక ఆధారంగా
 3 విడతలలో రైతులకు పట్టుబడి సాయం





టోమిలేని సాగుదారులు కూడా రైతు బరోసా కు అర్హులే!
 టోమిలేని సాగుదారులు కూడా రైతు బరోసా కు అర్హులే!
 టోమిలేని సాగుదారులు కూడా రైతు బరోసా కు అర్హులే!
 టోమిలేని సాగుదారులు కూడా రైతు బరోసా కు అర్హులే!





చిన్న, సన్న కారు అనే తేడా లేదు....
 సాగుదారులందరికీ 'రైతు భరోసా' సహాయం



ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

(A Statutory Body of the Government of Andhra Pradesh)

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