

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: C. V. Suresh Kumar

Name of the College: Govt Degree College (M) / Sircuduru

Registration Number: 2022001566018

Period of Internship: From: 12/12/22 To: 12/1/23

Name & Address of the Intern Organization

MAHARAJA University
YEAR

An Internship Report on Agriculture

(Title of the Semester Internship Program)

Submitted in accordance with the requirement for the degree of
3rd (BSC)

Under the Faculty Guideship of

Satya narayana

(Name of the Faculty Guide)

Department of

Industrial chemistry

(Name of the College)

Submitted by:

E. Dillekumar

(Name of the Student)

Reg.No: 2022001566018

Department of Industrial chemistry

Govt College Degree College (MEN) Srikaralam

(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, E. Dilligswani a student of Agriculture
Program, Reg. No. 2022001566015 of the Department of Industrial Chemistry
College do hereby declare that I have completed the mandatory internship
from 12/12/22 to 18/3/23 in Agriculture (Name of
the intern organization) under the Faculty Guideship of
Satya narayana (Name of the Faculty Guide), Department of
Industrial Chemistry, Govt Degree College (MEN) Sirkulam
(Name of the College)

E. Dilligswani
(Signature and Date)

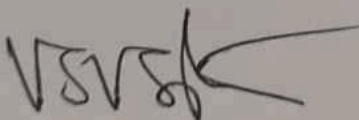
Official Certification

This is to certify that Eaa. Dillewani (Name of the student) Reg. No. 2022001566018 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 Govt Degree College (MEN) (Name of the College).

This is accepted for evaluation.

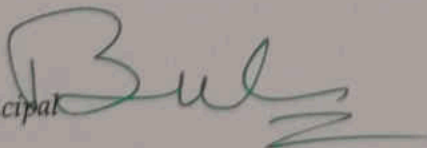
Endorsements

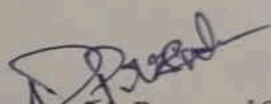
Faculty Guide




Head of the Department

Principal

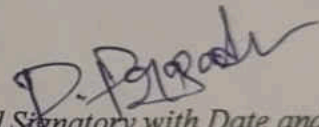



(Signatory with Date and Seal)
Mandal Agriculture Officer
KAVITI
Srikakulam Dist. (A.P.)

Certificate from Intern Organization

This is to certify that Ea. Dilleswar (Name of the intern)
Reg. No 2022001566018 of Govt Degree College (Name of the
College) underwent internship in Agriculture (Name of the
Intern Organization) from 12/12/22 to 18/3/23

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.)

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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 Raithu Bhoksa Kendra (farmer's Assistance centres) on May 30th of 2020 years. The government has started 10,641 RBK's across the state with an out lay 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 kiosks, CH or machines, technical advisories 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 acc to 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.

(D) 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 RBR's the following services are offered at RBR's (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-coop booking (6) treatment after consulting veterinary doctor (7) identifying beneficiaries (8) providing market intelligence.

(E) Future plans of the organization :- RBR 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 RBK are Important too our future skills with acquiring the knowledge.

mainly we have learnt about paddy processing processes, moisture-meter, working condition, soil testing, polambadi & e-cop.

moisturemeter :- this is a machine which calculates the moisture content of food grains. this is universal type. this is a part of processing of food grains, Nearly types of samples moisture can be calculated by this electronic machine volume A, B, C & D cups are present, by applying different pressures. four different samples of grains by using the above 4 different volume cups. for example of grains example :- for paddy shoot Volume B cup is used & applied with the pressure of 525 & these also having code 008. 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.

ACTIVITY LOG FOR THE FIRST 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 bag sent by the trader within 2 bags will be deposited in	P. P. J.
Day - 2	Support price Kavi - Basic data Kavi - Sahalalapa - Huga, Jagathi, Bokinara Siladum.	total no of trader - 542,600 total land is	P. P. J.
Day - 3	purchase of grain through with Bhavasa Kendras.	minimum support prices Normal type:- 500 quintal 2040 500 kg - 1632.	P. P. J.
Day - 4	quality parameters to be followed to get support price	the maximum % allowed by central government is 19% i.e, waste material	P. P. J.
Day - 5	support prices for other agricultural products. Registrations done in RBC	coops, available prices purchase periods	P. P. J.
Day - 6	500 purchase of grain by registering in-coop who have completed KIC.	Total traders - 588 traders who have undergone-KIC are 528	P. P. J.

WEEKLY REPORT

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

Objective of the Activity Done:

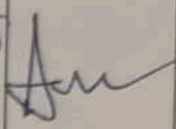
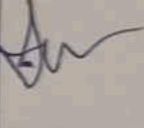
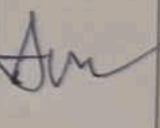
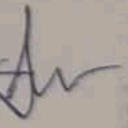
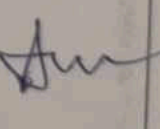
Detailed Report:

purchase of grain through Kisan Bhavasa Kendras. The grains conforming the quality standards prescribed by the government of India is purchased from farmers, if not, then farmers have to prepare their grain in such a way that it meets the quality standards. Grain will be purchased only from farmers who have registered & completed e-KYC and 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 21 days. MSP for general type is Rs 100/kg - 2010, for special quality parameters to be met to get support price. Quality standards should be based central government

- 1) waste, soil, rocks - 1.0,
- 2) Spoiled, discoloured, sprouted - 5.0
- 3) Immature, shivered, coated grain - 3.0,
- 4) moisture level should be below 17.0

All spoiled, sprouted, insect eaten cereal 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 processing - nt of grain	the amount of bags sent by the farmer within 21 days will be deposited in	
Day - 2	current scenario of	rebbi season is 359 a 200 major crops - groundnut - 75000 Vikramaram Grama	
Day - 3	DR. Y. S. R. POLAM BADI 4 themes of Polambadi 30 farmers, 25 acres, field	1. Healthy crop cultivation 2. protecting from insects.	
Day - 4	POLAM BADI - field study How is it conducted (teaching method)	Integrated crop = Integrated + pest + nutrient + water + weed + bean	
Day - 5	TCM = INM + IPM + WMT IWM + PM	Participatory learning experiential learning sharing of experienced farmer	
Day - 6	14 weeks of polam field study	Introductions team building Agro ecosystem analysis field visit	

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

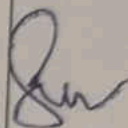
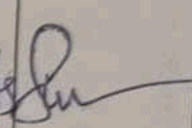
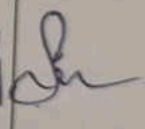
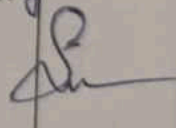
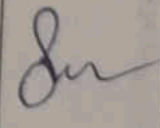
method of procurement of grain:- the quality standards of grain should be checked at the RYHU Bhacasa Kendam & the available vehicles should be scheduled by VAA. At given scheduling time, technical assistant with help of VAA should collect the grain from boomers threshing floor (TF) & bring it to RBK, the boomer should be weighed & send the copy to data entry, miller defects & generates FTO, In 21 days the amount of boomer bags will be deposited in direct periods through DBT method.

current scenario of AKI the revenue village area of RBK under rabi season 22-23 is 359 acres. groundnut 75 acres, maize the serial crop Paddy is also cultivated 42 acres under this RBK.

DR. Y. S. R. POLAMBARDI - How it is conducted:-

- (1) Participatory
- (2) experiential learning
- (3) sharing of experiences
- (4) group dynamics
- (5) boomer'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) Perennial	
Day - 2	criteria for essentiality essential nutrients	macro nutrients $C, H, O, N, P, K, S, Ca, Mg$, micro nutrients B, Zn, Mn, Fe, Cu, Mo	
Day - 3	fertilizers application	1) time of application 2) place of application 3) Amount of application	
Day - 4	seed germination seed dormancy - treatment, method seed types	scarification stratification chemical method treatment	
Day - 5	deficiencies of macro primary elements N, P, K	Nitrogen - yellowing (H) of leaves Phosphorus (P) - Potassium (K)	
Day - 6	Inter cropping - to get trap cropping - more yield mono cropping multi cropping	cover crops - pulses to escape from pests & diseases	

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

COOP 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 than 2 years eg:- mango,

(3) Biennials :- the crops 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 :- the process of seeds developing into plants.

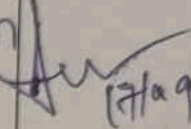
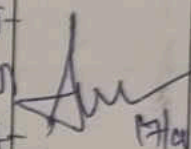
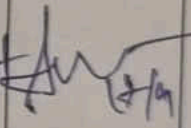
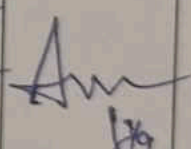
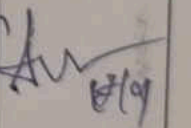
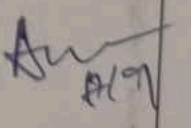
seed dormancy :- Have all favourable conditions

1) scarification

2) stratification

3) Chemical method treatment

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 ranks third in production -mainly grown in	 17/11/19
Day - 2	constraints in groundnut cultivation and productivity.	lack of agricultural mechanization -lack of micronutrient management	 17/11/19
Day - 3	suitable climate for groundnut (peanut)	-Areas with low humidity are most suitable for groundnut	 17/11/19
Day - 4	climate	It requires 500-1200-mm of rainfall. Average temperature of	 17/11/19
Day - 5	soils suitable for groundnut crop-	-light soils -Soils with calcium & sulfur are ideal	 17/11/19
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 are	 17/11/19

WEEKLY REPORT

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

Objective of the Activity Done:

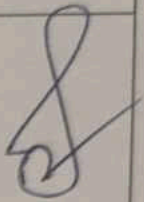
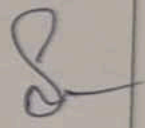
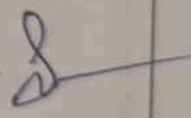
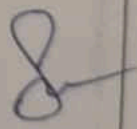
Detailed Report:

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 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 25-28°C are suitable.
- 3) It requires 500-1200 mm 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

ACTIVITY LOG FOR THE FIFTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Groundnut :- soil preparations, season/condition, varieties, rotation (periods)	• Deep weeding in summer can reduce the incidence of crop damaging insects & pest	
Day - 2	groundnut sowing time & seed dose	North coast; early • Kharif/summer: march - april. Kharif: june-july	
Day - 3	Groundnut :- seed dose and sowing time	Rajalaseema (southern & lower rain fall zones): Kharif - first	
Day - 4	seed dose of groundnut	seed rate is determined by seed size, sowing time & variety. the	
Day - 5	seed treatment of groundnut	For kg seed one gram of carbendazim or 3 gram of mancozeb.	
Day - 6	seed treatment before sowing the seeds of groundnut.	seed should be first treated with insecticide after drying in	

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 groundnuts.	seed 5ml ethereal (100%) mixed in 10 litres of water & soaked in sol	P. D. S.
Day - 2	Seed dormancy removal in groundnut seeds.	(0.5%) & the phen, 125ml. mixed in 3 litres of water & sprayed on 100 kg	P. D. S.
Day - 3	plant spacing and sowing method in groundnut.	even in early Kharif Bheema, deo-aj, Nitya kharif varieties	P. D. S.
Day - 4	sowing seeds of groundnuts	the seed should be sown either with a harrow or tractor driven seed drill.	P. D. S.
Day - 5	fertilizer (used) for groundnut crop	fertilizer doses should be decided on soil tests, and require following	P. D. S.
Day - 6	fertilizers used for groundnut crop	Nitrogen - 8(18) 12(27) (urea) Phosphorus - 16(10) 16(10) (SSP) Potash - 20(33) 20(31) Gypsum - 200 200	P. D. S.

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

Removal of seed dormancy in groundnut seeds :-

sowing seeds of groundnut :- the seeds should be sown either with a harrow (or) tractor driven seed drill. At the time of sowing, the soil require enough moisture, & the seed should not be sown more than 5cm deep. If a tractor drill is used, not only a large area can be sown in a short time, but also the cost can be reduced significantly.

fertilizers :- Nitrogen (in term of urea) - 80kg - winter crops (2021) - irrigation crops $\rightarrow$ N-80kg-U

fertilizer doses should be decided on soil tests, the following fertilizers are used - Nitrogen (in the term of urea), phosphorus (in the term of single super)

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 of groundnut	No. of plants per unit of land. $P.P = \frac{10,000 \times B/W \text{ row}}{B/W \text{ plant spacing}}$	P. P. J. [Signature]
Day - 2	Deficiency symptoms of Nitrogen, Phosphorus Potassium	(N) - yellowing of leaves (P) - purple colour (K) - Discolouration of leaves	P. P. J. [Signature]
Day - 3	water management of peanuts crop	Groundnut requires 400-450 mm of water 8-9 taps are sufficient but light	P. P. J. [Signature]
Day - 4	water management in groundnut crop	If water is given through sprinklers, 25% of crop will increase in yield	P. P. J. [Signature]
Day - 5	Intercropping trap cropping mono cropping multi cropping	- more yield - To escape from pests & diseases 1 crop is grown in field per year	P. P. J. [Signature]
Day - 6	Intercropping pattern of crops.	castor, Pigeon millet, sorghum - these can be intercropped with groundnut,	P. P. J. [Signature]

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 that destroy harmful insects. Good ears should monitor	P. Dan
Day - 2	groundnut field environment analysis	the major are predators, pests & pathogens. In predators spiders, Aphids, weev	P. Dan
Day - 3	pests in groundnut 1) eczema mites 2) Aphids/black fly	symptom - suck juice of leaves. control - spray mono-crotophos 320ml.	P. Dan
Day - 4	pests - symptoms/control 1) leaf hoppers - mealybugs 2) leaf curl / bolder	symptom: Both mother & young child caterpillars suck sap on the underside of	P. Dan
Day - 5	1) red caterpillar 2) tobacco caterpillar symptoms/control measures	symptom: caterpillar eat leaves - the leave the shoots & stems, control: monocrotophos 320	P. Dan
Day - 6	diseases in groundnut symptoms & control measures 1) HIKKA leaf spot disease 2) Rust / sabtoon	symptom - dark brown circular spots on leaves - Herbarium 400ml symptom - small red colored	P. Dan

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, pathogens,
spiders, aphids weevils, staphyids 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 :- Ectenarmites. Symptoms :- suck the juice
of leaves, curling shrivel of leaves & plants will
become stunted.

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

Leaf hopper :- Symptoms :- Both young & mature
caterpillars suck sap - Imidodiploid.

ACTIVITY LOG FOR THE NINTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	How is digital kiosk used? which APPS are used in KIOSK	EMAD - CMAPP, Fishery, Animal Husbandry, market - 500 seed fertilize	Am 17/9
Day - 2	KIOSK Importance	Information on various agricultural products is facility of online	Am 17/9
Day - 3	Agriculture APPs net portal services of KIOSK.	providing weather information facility to know the market prices	Am 17/9
Day - 4	current Agricultural schemes undergoing at 1	1) DS. S. R. Raithu Bhosasa 2) National food security machine	Am 17/9
Day - 5	Scheme - DS. S. R. Raithu Bhosasa ₹ 7500/-, 4000/-, 2000/-	Govt of AP to financially assist business by deposit	Am 17/9
Day - 6	who are eligible for Raithu Bhosasa.	cultivators belonging to landless SC, ST back ward & minority comm-	Am 17/9

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report: Digital Kiosk & its uses :-

APPS - EMAID, CMAPP, Pishery, Animal husbandry etc.

- Information on certified agricultural products - avail

-lable bio villages.

- facility of online purchase & door delivery.

- providing weather information.

- facility to know market prices of agriculture products.

- Agriculture Agri's net portal services.

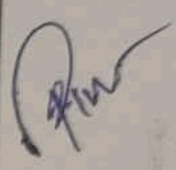
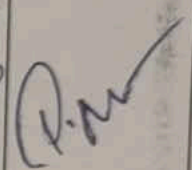
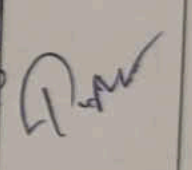
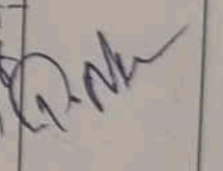
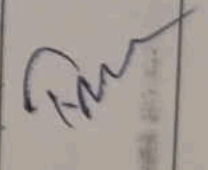
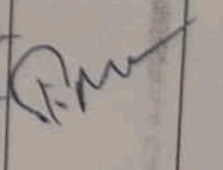
current Agriculture scheme undergoing to

(1) DR.Y.S.R. Partho Bharsa (2) National food

security mission (3) DR.Y.S.R zero cop 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	DOY, SOR zero Interest - coop loan scheme	becomes loan 15-17%. state government 41. central government 31%	
Day - 2	eligibility of this scheme objectives & Benefits	main objective of scheme is welfare of the farmers across the state	
Day - 3	DOY, SOR zero Interest - coop loan scheme - Details	e-coop registered farmers are eligible launched by CM Jagun mohandas	
Day - 4	National food security mission (NFSM)	Authorized by central government of India launched in 2007.	
Day - 5	objectives of NFSM (National food security mission)	Increase yield by increasing cultivated area & productivity	
Day - 6	NFSM main points	setting up of community demonstration farms to achieve high	

WEEKLY REPORT

WEEK - 10 (From Dt..... to Dt.....)

Objective of the Activity Done:

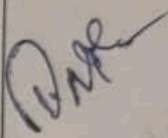
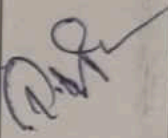
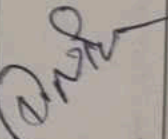
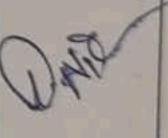
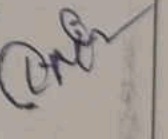
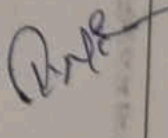
Detailed Report: DR. Y.S.R 2000 Interest free coop loan scheme e-coop registered farmers are eligible for this scheme, farmer loan is 74. Y.S.R 2000 Interest free coop loan is launched by the CM Y.S. Jagan Mohan Reddy, this scheme is mainly launched for the farmers across the state under this scheme all the farmers who take coop loans up to RS. 1 lakh per year the same within 1 year will be covered, interest subsidy will be provided to the beneficiary farmers under this scheme.

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 2007. Based on recommendations of agriculture subcommittee of NDC National development council.

Objectives :- 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 (or) soil Health card scheme (SHC)	500 the year 2019, 2020, the govt of India selected one village per	
Day - 2	SHC soil Health card scheme)	Analysis of soil & samples in soil lab - oratories &	
Day - 3	Different steps in soil testing	collection of soil samples testing in the	
Day - 4	collection of soil samples	soil samples for soil test should be analyzed in a scientific manner	
Day - 5	when the soil can be collected? (samples)	soil samples can be taken at any time while the fields are empty.	
Day - 6	when to take the soil samples	soil samples should be collected before sowing & after	

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report: soil health card scheme (soil conservation scheme) - In the year 2019-2020 the government of India selected one village Panchayat, under village Panchayat project and collected soil samples from every field, analysis of soil samples in soil laboratories & provision of soil analysis documents before planting. 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.

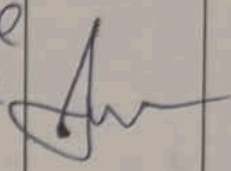
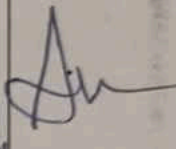
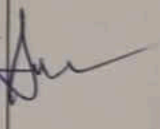
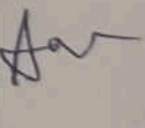
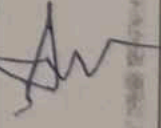
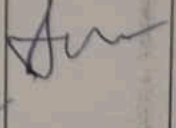
collection of soil samples :-

- 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.

When the soil samples can be collected?

- soil samples can be taken at any time while the fields are empty.

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 depends on the crops we grow & nature of soil agricultural	
Day - 2	Tools to collect soil samples.	soil samples can be taken with the help of shovel pickaxe available	
Day - 3	soil samples depth how much? How to collect samples?	if field soil is of some type, it is enough to take one sample	
Day - 4	soil samples collection	the soil should be removed in a thin layer from top to should be collected	
Day - 5	How the results of soil samples can be known?	the details of too many related to soil sample collection	
Day - 6	soil tests results. the Custom Hiring Centre - sanctioned by government	the details of too many who have collected the soil sample & the an	

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 organisation. Good environment is always boosting up your interest, the RBT office is more comfortable and improving my interest of going work. The overall environment is good. It feels good to interact with the teachers. It feels there is a good interaction with my classmates and the faculty members.

As a science student, knowledge of teaming is much more important necessary for my better future,

my supervisor had motivated me to do the work & always encouraged me to complete the tasks.

Ventilation is good for that organisation, whenever the teacher has assigned the group work, we will complete it as a team work with a collaboration of everyone's ideas which is helpful for enhancing my leadership qualities.

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 workplace. Agriculture sector demands skillful employees I gained key skills that are necessary to move forward.

technology based skills; versatility, time management & communication 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 (or) knowledge used to perform practical tasks in the areas of sciences.

→ How Important smart agriculture technology is

→ How to use the technology in agriculture with the aim of improving yield, efficiency & profitability.

→ understanding workplace culture

→ Benefits of modern technology in terms of Agriculture.

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. Total team depends on this. An organization development depends on team work. In this organization, the people are very supportive to each other. Behaviour means the way you communicate, being polite, 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 & honesty. Planning is an integral stage of your performance management cycle of performance 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 way to improve your communication skills

* Good communication leads to good understanding.

* Be clear and attentive, Be consise

* 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' & 'uh's'

* making eye contact while someone talking.

* In written communication, keep it short & sweet & keep words & sentences simple.

* 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 discusses 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 technology is completely vanished & other new one's has replaced on the sector 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 farmers to market 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 latest technical knowledge by the Global Investors.

Student Self Evaluation of the Short-Term Internship

Student Name: E. Dillegowdi

Registration No: 202200150018

Term of Internship:

From: 12/12/22

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

Date:

E. Dillegowdi
Signature of the Student

Evaluation by the Supervisor of the Intern Organization

Student Name:

Registration No:

Term of Internship:

From:

To :

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.)

