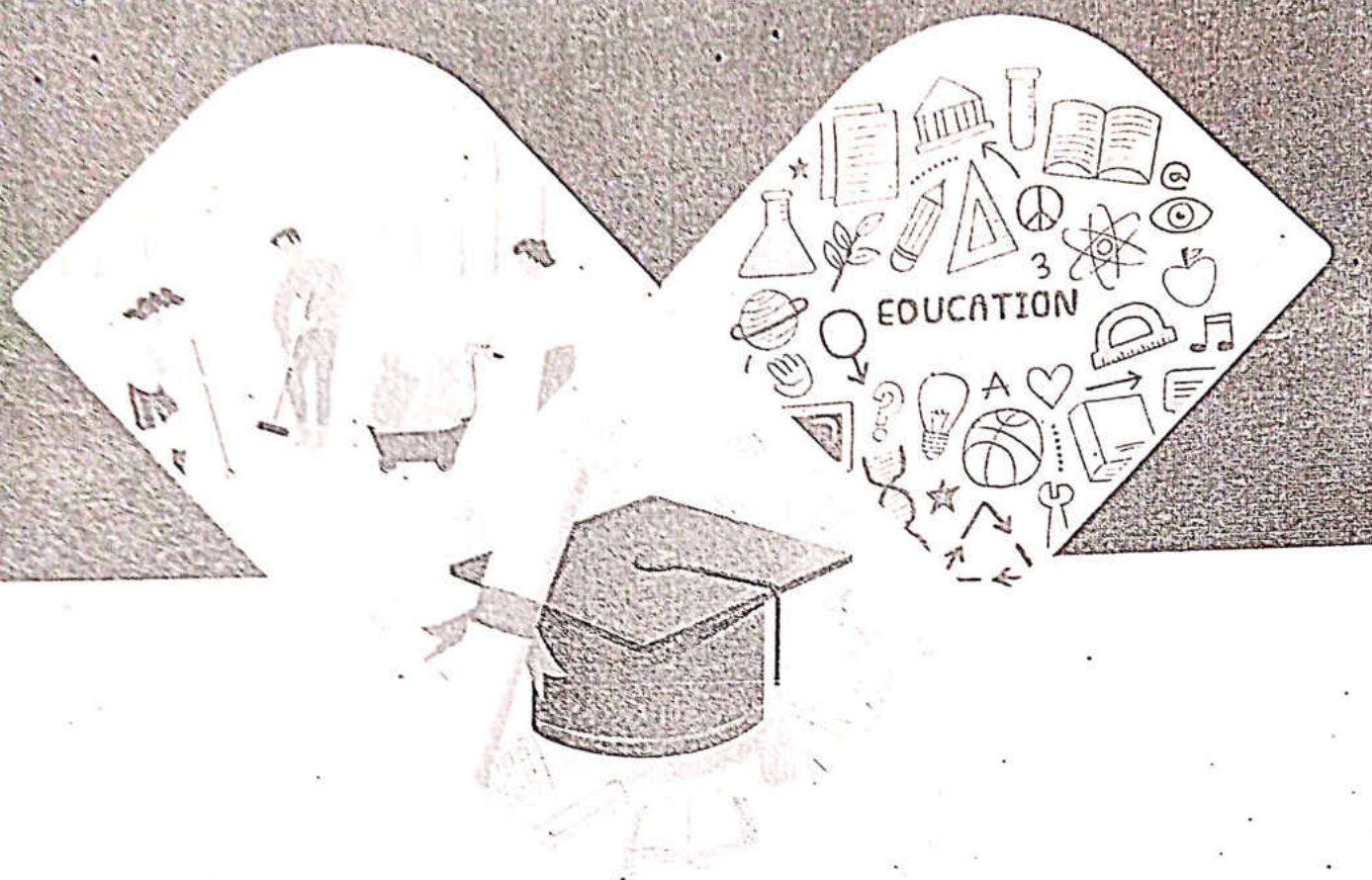


# Model Program Book



## 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: M. Ankitha

Name of the College: GIDC(M) Sikakulam

Registration Number: 2022001049049

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

Name & Address of the Intern Organization: Agriculture Department  
Ibrahimbabad-II

AMBEDKAR University

YEAR

# An Internship Report on

Agriculture Department

(Title of the Semester Internship Program)

Submitted in accordance with the requirement for the degree of

Under the Faculty Guideship of

Dr. R. P. P. P. P.

(Name of the Faculty Guide)

Department of

Govt. Degree College for (men) SKM

(Name of the College)

Submitted by:

S. Hensu. Ankitha

(Name of the Student)

Reg.No: 2022001049049

Department of Botany

Govt. Degree college for (men)

(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.

## Student's Declaration

I, MUNJU Ankitha a student of Internship  
Program, Reg. No. 2022001049049 of the Department of Botany  
College do hereby declare that I have completed the mandatory internship  
from 12/12/2022 to 18/3/2023 in Agriculture department (Name of  
the intern organization) under the Faculty Guideship of  
Dr. P. Parmela (Name of the Faculty Guide), Department of  
Botany, Gyobymment Degree College (m)  
(Name of the College)

M. Ankitha  
(Signature and Date)

## Official Certification

This is to certify that Munju Ankitha (Name of the student) Reg. No 2022001049049 has completed his/her Internship in Agriculture department (Name of the Intern Organization) on Agriculture department (Title of the Internship) under my supervision as a part of partial fulfillment of the requirement for the Degree of \_\_\_\_\_ in the Department of GIDC(men) Srikalahasti (Name of the College).

This is accepted for evaluation.

P. Pavani  
(Signatory with Date and Seal)  
Village Agriculture  
IBRAHIMBAU-2  
Etcherla Mandal

Endorsements

Faculty Guide

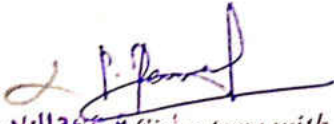
Head of the Department

Principal

## Certificate from Intern Organization

This is to certify that M. Ankitra (Name of the intern)  
Reg. No 202200649049 of CRDC (men) Sri V. K. V. M. (Name of the  
College) underwent internship in Agriculture Department (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  
IBRAN 1002  
Etcherla Manoj

## Contents

1. Titled page
2. An internship report
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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.

- 1<sup>st</sup> week:- AP Putivalasa RBK villages putivalasa 78 acres, putivalasa. Total farmer's 588, intercrop C-KYC 578. Purchase of groundnut RBK's minimum support price for general type per 100g 20/10/- per 50 kg 1032. Quality parameters to get MSP are followed by central government.
- 2<sup>nd</sup> week:- current scenario of RBK:- Rabi season 22-23 is 369 acres, gram 78 acres, maize kintali OTP 40 acres other pulses - green gram, black gram, finger millet, Sesamum etc.
- 3<sup>rd</sup> week seed germination:- The process of seeds developing into new plants.
- 4<sup>th</sup> week:- Groundnut crop - Arachis hypogea major oil seed crop. AP ranks third in production.
- 5<sup>th</sup> week:- preparation of soil deep weeding in summer and reduce the crop damaging in insects and pests.
- 6<sup>th</sup> week:- Plant spacing and sowing of seeds and fertilizers. 30x10cm plant spacing seeds should be sown either with a tractor driven seed drill.
- 7<sup>th</sup> week:- Deficiency symptoms:- N (yellowing of leaves) P (purple color)
- 8<sup>th</sup> week:- Pests and diseases in groundnut - Green armitis, Aphids, Black fly, leaf hopper, leaf curl, Red caterpillar.
- 9<sup>th</sup> week:- Digital Kiosk:- Provide weather information, market
- 10<sup>th</sup> week:- D.Y.S. & Zero interest crop loan Scheme.
- 11<sup>th</sup> week:- Soil conservation scheme, soil Health card scheme, Analysis soil sample
- 12<sup>th</sup> week:- CHC (Custom Hiring Centre) - sanctioned by Govt to increase agriculture machinery depth of soil.

## CHAPTER 2: OVERVIEW OF THE ORGANIZATION

### Suggestive contents

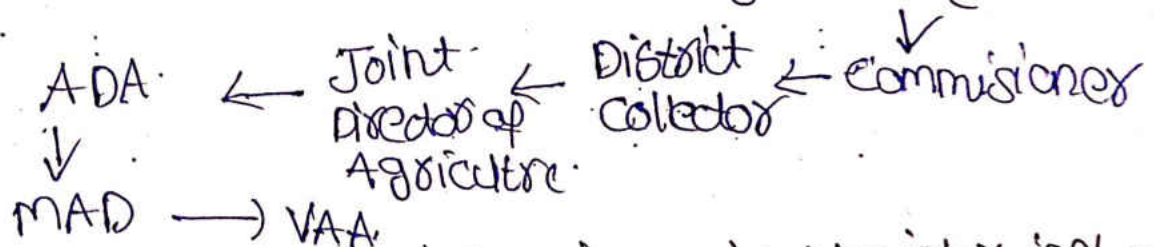
- A. Introduction of the Organization
- B. Vision, Mission, and Values of the Organization
- C. Policy of the Organization, in relation to the intern role
- D. Organizational Structure
- E. Roles and responsibilities of the employees in which the intern is placed.
- F. Performance of the Organization 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 Rythu Bharosa Kendram on May 30<sup>th</sup> of 2020 year.

B. Vision, mission, and values of the organization; - A.P in predominant an agrarian state launched the scheme to bring more transparency, quality of service to the farming community.

C. Policy of the organization, in relation to the intern role  
Earlier, this year the government had recruited agriculture assistant, horticulture assistant, veterinary fisheries assistant having qualification in their respective fields to work at RBK's

D. Organization structure; - chief minister → Spl. chief secretary  
Agriculture & allied



E. Roles & responsibilities of employees in which the intern is placed  
Routine record prepared graphs & charts visit fielding.

F. Performance in terms of profits & market value;

many crops are grown acc to region & demand, many crops give in incremental profit at a minimal

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 PRK are important for our future skills with acquiring the knowledge.

mainly we have learnt about paddy Procurement process moisture meter working condition, soil testing, Polombadi e-etc. moisture meter:- 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 electronic machine. Volume A, B, C & D cups are present, by affixing different pressures for different sample of grains by using the above 4 different volume cups. For example for paddy short, volume B cup is used. applied with the pressure of 525g there also having code 008.

collection of soil samples for soil test:- The soil is taken from the field having dust particles etc well, leveled. Field soil is taken soil test should be conducted for ever 3 to 4 years. For large of field 10 to 15 soil samples are taken in a polythene cover & divide the soil into 4 parts.

# ACTIVITY LOG FOR THE FIRST WEEK

| Day & Date | Brief description of the daily activity                                          | Learning Outcome                                                                                      | Person In-Charge Signature |
|------------|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------|
| Day - 1    | Phosif - Basic data<br>Padilabasa<br>mbahimbudh                                  | Total no. of Poin<br>ers - 588<br>Total land is<br>618 acres                                          | P. Pavan                   |
| Day - 2    | Padilabasa<br>- 618 acres                                                        | Crop details :-<br>Paddy - 610000<br>Sugarcane - 20000<br>Garden - 50000                              | P. Pavan                   |
| Day - 3    | Purchase of grain<br>through Pythu Bhavasa<br>Kendras                            | minimum support price<br>Normal type :-<br>Per quintal - 2040<br>Per 80 Kg - 1632                     | P. Pavan                   |
| Day - 4    | Quality parameters to<br>be followed to get<br>support price                     | The maximum %<br>allowed by central<br>government is 10 %<br>i.e. waste materials<br>Soil, stones etc | P. Pavan                   |
| Day - 5    | Support prices for other<br>agriculture products<br>Registrations done in<br>RBK | Crops, available<br>prices purchase<br>periods                                                        | P. Pavan                   |
| Day - 6    | for purchase of grain<br>by registering inc-<br>who have completed KYC           | Total farmers-588<br>farmers who<br>have undergone<br>C-KYC are 528.                                  | P. Pavan                   |

## WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

FBK

Puduvasseri Revenue Village

Puduvasseri Total 618 acres

Total no. of farmers 588. Farmers undergone eKYSS  
Purchase of grain through Rythu Bhojasa Kendra

The grains are following the quality standards  
prescribed by the government of India is purchased  
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  
farmers who have registered & completed e-KYC &

are ready to sell their grain. If sacks are arranged  
for transportation. According to government calculations

Quality parameters to be met to get support price.  
Quality standards should be used central government

1) Weeds, soil, rocks - 1.0, 2) Spiked, discoloured, sprouted - 5.0  
3) Immature shriveled, crushed grain - 3.0.

4) Moisture level should be below 17.0

All spoiled, sprouted, insect eaten cereal grain must be

not more than 4.1. Toll free number - 155251

## WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report: RBK

### Pudivabasa Revenue Village

Pudivabasa Total 618 acres

Total no. of farmers 588. Farmers undergone eKYC  
Purchase of grain through Rythu Bhojasa Kendra.  
The grains can forming the quality standards  
prescribed by the government of India is executed  
from farmers. If not the farmers have to prepare  
their grain in such way that it meets the quality  
standards. Grain will be purchased only from  
farmers who have registered & completed eKYC &  
are ready to sell their grain. If sacks are arranged  
for transportation. According to government calculation  
Quality parameters to be met to get support price.  
Quality standards should be as per central government  
1) weed, soil, rocks - 1.0, 2) spiked, discoloured, sprouted - 5.0  
3) immature shiveled, curled 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 procurement of grain                                              | The amount of bags sent by the farmer within 21 days will be deposited in DBT method.                | P. Pavan                   |
| Day - 2    | current scenario of Rudhulasa PBK                                           | Rabi season is 267 across major crops groundnut - 75000                                              | P. Pavan                   |
| Day - 3    | DR. Y.S.R. Polam BADI<br>A theme of Polam Badi<br>30 farmers, 25 acre field | 1. Healthy crop cultivation<br>2. Protecting friendly insects<br>3. Weekly crop monitoring.          | P. Pavan                   |
| Day - 4    | I CM + I NM + I PM +<br>WIM + IWM + FM.                                     | Integrated crop management integrated pest & water & weed & farm management                          | P. Pavan                   |
| Day - 5    | Polam BADI - field study flow is it conducted (Teaching method)             | Participatory learning experiential learning sharing of experience farmers facilitate group dynamics | P. Pavan                   |
| Day - 6    | 14 weeks of Polam Badi field study.                                         | Introductions<br>Team building<br>Agro ecosystem analysis field visit                                | P. Pavan                   |

## WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

method of procurement of grain:- The quality standard of grain should be checked at the Rythu Bharosa Kendram & the available vehicles should be scheduled by VRA. A given scheduling time technical assistant with help of VAA should collect the grain from farmers. Threshing floor (TFL) being it to RBK the farmer should take the available vehicles & load the sacks of grain sacks should be weighed & send the copy to data entry. According to grain's weight the truck sheet will be generated & the print is given to the truck sheet & send the grain to the respective mill within 24 hours after reaching miller's depot & generated ETO. In 21 days the amount of farmer's bags will be deposited in direct period through DBT method.

current schedule of Pulivalasi RBK:- The village of area of RBK under habitation 22-23 is 859 acres groundnut 75 acres maize the serial crop Paddy is also cultivated 42 acres under this RBK.

DR Y.S.R POLAM BADT How it is conducted:-

- 1) Participatory
- 2) Experient 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<br>2) Bionimals<br>3) Perennial                                                 | P. Parvath                 |
| Day - 2    | Criteria for essentiality<br>Essential nutrients                                        | macro nutrients<br>C, H, O, N, P, K, S, Ca, Mg<br>micro nutrients<br>B, Zn, Mn, Fe, Cu, Mo | P. Parvath                 |
| Day - 3    | Fertilizers application                                                                 | 1) Time of application<br>2) Place of application<br>3) Amount of application              | P. Parvath                 |
| Day - 4    | Seed germination<br>Seed dormancy treatment                                             | → Scarification<br>→ Stratification<br>Chemical method treatment                           | P. Parvath                 |
| Day - 5    | Deficiencies of<br>macro-primary elements<br>N, P, K                                    | Nitrogen - yellowing of leaves<br>Phosphorus (P) - Purple<br>Potassium (K) - Discoloration | P. Parvath                 |
| Day - 6    | Inter cropping - to get<br>top cropping - more yield<br>mono cropping<br>multi cropping | cereals → pulses<br>to escape from<br>pests & diseases                                     | P. Parvath                 |

## 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 completes its life cycle is three or more than 2 years eg :- mango, coconut

3) Biennials :- The crops which complete 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 new plants are...

seed dormancy :- have all favourable conditions to germinate but unable treatment is of 3 types.

1) Scarification

2) Stratification

3) Chemical method treatment

| Day & Date | Brief description of the daily activity                   | Learning Outcome                                                                      | Person in Charge Signature |
|------------|-----------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------|
| Day - 1    | Examine scientific name <i>Archis. typog</i> etc          | - notes of seed crop<br>- 4 Franks media production<br>- 1000 gms in 1000 gms of seed | P. P. P.                   |
| Day - 2    | constraints in grandis cultivation and productivity       | - lack of a clear mechanism<br>- lack of a clear mechanism<br>- management of soil    | P. P. P.                   |
| Day - 3    | soilable climate for grandis (p. 200)                     | - soil with low fertility is not suitable for grandis                                 | P. P. P.                   |
| Day - 4    | climate                                                   | - requires 100-120 mm of rainfall<br>- 10-20°C temperature of 25-28°C. etc            | P. P. P.                   |
| Day - 5    | Soils suitable for grandis crop                           | - light soils<br>- soils with calcium & phosphate etc                                 | P. P. P.                   |
| Day - 6    | soils which suit best to grow grandis high of granulation | - sandy loam soils<br>- 10-20% clay<br>- 10-20% clay                                  | P. P. P.                   |

## WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report: Groundnut *Arachis hypogaea*.

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 to 42 lakh tonnes. This crop is mainly grown in Anaparthi, Chittoor, Koppal and Y.S.R. Koppal.

Constraints in groundnut cultivation and productivity:

- 1) Non-availability of water stress & resistant varieties in groundnut.
  - 2) Lack of agricultural mechanization.
  - 3) Lack of proper water & nutrient management system.
- Climate and soil :-

1) Areas with low humidity are most suitable for 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 are best.

# ACTIVITY LOG FOR THE FIFTH WEEK

| Day & Date | Brief description of the daily activity                                  | Learning Outcome                                                                                       | Person In-Charge Signature |
|------------|--------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------|
| Day - 1    | <u>Groundnut</u> :-<br>Soil Preparation, sowing, casting, manures, water | Deep weeding in so mms can reduce the Incidence of seed-damaging Insects                               | P. Pavan                   |
| Day - 2    | <u>Groundnut</u> sowing<br>Time & seed class                             | North coast - Early<br>Kharif / Summer :-<br>March - April<br>Kharif - June - July<br>Rabi - Nov - Dec | P. Pavan                   |
| Day - 3    | <u>Ground nut</u> :-<br>Seed date and sowing time                        | Rajab seema (South & lower rainfall zones) Kharif - first week of July.                                | P. Pavan                   |
| Day - 4    | Seed class of ground nut                                                 | seed date is determined by seed size sowing time & variety<br>The seed date for                        | P. Pavan                   |
| Day - 5    | seed treatment of groundnut                                              | For kg seed are given of 10 to 15 gms of azadirachtin or 30 gms of mancozeb, thiazoxim                 | P. Pavan                   |
| Day - 6    | seed treatment before sowing the seeds of groundnut                      | seed should be first treated with insecticide after drying in shade.                                   | P. Pavan                   |

## WEEKLY REPORT

WEEK - 5 (From 19/11/2020 to 25/11/2020)

Objective of the Activity Done:

Detailed Report: Groundnut Soil Preparation

\* Deep tilling is summer can reduce the incidence of crop damaging insects and weeds.

\* Before sowing the soil should be leveled.

Time of sowing: - North coast: Early Kharif/Summer  
- March to April Kharif June-July Rabi: November to December 15 (or) 16/11/2020

Kharif: first week of July - August, Rabi: - 15/11 Nov-Dec 15

Seed dose: - Seed rate is determined by seed size, sowing time & variety. Nandini, Padm T.C. 6V am, dhoni, Gavi, Ma, Rohini, Abhaya, Prasanna, Padini - 7, T. 60-21, Kadisambath, dheeraj, dhema, Kadin - 71g, Bodhi - The seed rate required is

52-56kg in Kharif 70-76 kg in Rabi Nandini, dhoni - seed rate in Kharif 60-64kg Kadin amambathi, Nandini, dhoni

dheeraj - in Rabi 80-84kg, dhema variety seed dose in Kharif 64-68kg. Rabi - 90kg is required.

Seed treatment: per kg seed 3 grams of mancozeb/dithane

or mancozeb should be required to treat a seed, when

planting new variety of groundnut. They should be

treated with rhizobium bacteria, seed should be

first treated with insecticide.

# 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.<br>Removal of seed dormancy in seed of groundnut | Dormant varieties<br>Seed 5ml. chloral (00%) - mixed in 20 litres of water & soaked in soil | P. Paranj                  |
| Day - 2    | seed dormancy removal in groundnut seeds                                      | (00) (39%) effephon 12.5 ml. mixed in 20 litres of water & sprayed on 100 kg of seed        | P. Paranj                  |
| Day - 3    | Plant spacing and sowing method in groundnut                                  | even in early khazif<br>Pheema decaying in<br>+ ga. hazita variety<br>Plant spacing (sow)   | P. Paranj                  |
| Day - 4    | sowing seeds of groundnuts.                                                   | the seed should be sown either with a harrow (or) tractor driven seed drill                 | P. Paranj                  |
| Day - 5    | Fertilizers (useful) for groundnut crop                                       | fertilizer doses should be decided on soil tests. can be decided following                  | P. Paranj                  |
| Day - 6    | Fertilizers useful for groundnut crop                                         | Nitrogen - 8(18) 12(24)<br>Phosphorous - 16(100)<br>Potash - 20(23) 20(33)                  | P. Paranj                  |

## WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

Removal of seed dormancy in groundnut seeds:- Dormant varieties (Kodidi-7, 8, 9) seed 5mm etherol (100%) mixed into 400 ml of water & soaked in solution for 12 hrs & dried in shade & then seeds are sown (100) (39%) Etelphon, 125ml mixed in 200 ml of water & spread on 100 kg of seed in airtight bags over night (12 hrs) & next day in shade & they are sown.

Sowing method & plant spacing:- The seeds should be sown either with a furrow (or) tractor driven seed drill. At the time of sowing the soil require enough moisture & the seed should not be sown more than 5 cm 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 form of urea)- 8 (18)- 20 (27) kg/ha. Irrigation crops -> N- 8 (18)- U

Fertilizer doses should be decided on soil tests. The following fertilizers are used - Nitrogen (in the form of urea) phosphorous, Potash, gypsum, zinc sulphate, urea 46% Nitrogen, 100 kg, 46 kg N, 12 kg N-7

# ACTIVITY LOG FOR THE SEVEN WEEK

| Day & Date | Brief description of the daily activity                             | Learning Outcome                                                                                                   | Person In-Charge Signature |
|------------|---------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------|
| Day - 1    | Plant Population:-<br>Based on Plant spacing of groundnut           | No. of plants per unit of land. $P.P = \frac{10,000}{\text{Row Plant Spacing} \times \text{Column Plant Spacing}}$ | P. P. Singh                |
| Day - 2    | Deficiency symptoms of Nitrogen phosphorus potassium                | N = yellowing of leaf<br>P = Purple colour<br>K = Discoloration of leaf                                            | P. P. Singh                |
| Day - 3    | Water management of Peanuts crop                                    | Groundnut requires 400-450mm of water 8-9 harvests sufficient for light soil                                       | P. P. Singh                |
| Day - 4    | Water management in groundnut crop                                  | If water is given the rough sprinklers of crop will increase in yield along with                                   | P. P. Singh                |
| Day - 5    | Inter cropping<br>Intra cropping<br>mono cropping<br>multi cropping | - more yield<br>- To escape from risk of disease<br>- crop is grown in field region                                | P. P. Singh                |
| Day - 6    | Inter cropping<br>Pattern of crops                                  | Castor, Pigeon pea, sorghum - they can be intercropped with groundnut by this                                      | P. P. Singh                |

## WEEKLY REPORT

WEEK - 2 (From 10/01/2020 to 16/01/2020)

Objective of the Activity Done:

Detailed Report:

Water management in groundnut crops:-

Groundnut requires 400-450 mm of water for 100 days. If the soil is 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.

Rotation of crops inter cropping:- Red gram, castor, Pigeon pea, sorghum can be intercropped with groundnut. By this the virus spreading will be reduced. The crops affected by north east monsoon / phalaris - groundnut can be followed by green gram (or) horse gram. Groundnut intercropping with paddy the pests of groundnuts can be reduced.

# ACTIVITY LOG FOR THE MONTH WEEK

| Day & Date | Brief description of the daily activity                                                           | Learning Outcome                                                                         | Person In Charge Signature |
|------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|----------------------------|
| Day - 1    | environmental analysis of groundnut field                                                         | Parasitoids attack foliar insects that are toxic to harmful insects                      | P. Panwar                  |
| Day - 2    | Groundnut field environment analysis                                                              | Thermophilic and plant-based pathogens in the detritus - spiders                         | P. Panwar                  |
| Day - 3    | pests in groundnut<br>1/ Eczema mites<br>2/ Aphids / Black fly<br>pests - symptoms / control      | symptoms - suck-<br>suck of leaves<br>control - spray<br>monocrotophos                   | P. Panwar                  |
| Day - 4    | 1, leathopper mealybug<br>2/ leaf curl / palmed<br>1/ Red cotton pillor<br>2/ Tobacco caterpillar | symptoms: both<br>moths & young caterpillars<br>control: pesticides<br>and sun           | P. Panwar                  |
| Day - 5    | symptoms<br>1/ Red cotton caterpillar<br>2/ Tobacco caterpillar                                   | symptoms: caterpillars<br>eat leaves & the<br>shoots stems                               | P. Panwar                  |
| Day - 6    | disease in groundnut<br>symptoms & control<br>measures<br>1/ leaf spot                            | control: monocrotophos<br>symptoms - dark brown<br>circular spots on<br>leaf - hexagonal | P. Panwar                  |

## WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report: - Environmental Analysis of groundnut peanuts contain friendly insects that destroy harmful insects. The major ones are predators, parasitoids, pathogens, spiders, aphids, weevils, staphylinids are 4 types of predators. In which *Ooema*, *Telenomus* destroy the larval stage.

Pest: - ECZEMATED - symptoms: -

suck the juice of leaves. If curling stilling of leaves & plants will become stunted.

control measures: - per acre monocrotophos 320g to be in 1 lit + 1 kg soap powder per 200 litres of water the seed should be sprayed 2 times in 15 day interval.

control measure: - Dimethate 400 ml / monocrotophos

Diseases - Tikka leaf spot: - brown spots on leaf  
- Hexaconazole - 400 ml

# ACTIVITY LOG FOR THE NINTH WEEK

| Day & Date | Brief description of the daily activity                         | Learning Outcome                                                                  | Verbalize the activity |
|------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------|
| Day - 1    | How is digital Kiosk useful? Which apps are used to work Kiosk  | Emphasize on the various apps used for Kiosk and their uses                       | P. P. P.               |
| Day - 2    | Importance of Kiosk                                             | Information useful for agricultural work is available for various facilities      | P. P. P.               |
| Day - 3    | Agriculture Agri-Sectoral services of Kiosk                     | Provision of useful information - facility to know the various services of Kiosk  | P. P. P.               |
| Day - 4    | Current Agricultural Schemes undergoing at Puducherry RK Scheme | Current agricultural schemes - list of schemes and their details                  | P. P. P.               |
| Day - 5    | Dr. Y. S. R. Rathu Bhaga Sa.                                    | Dr. Y. S. R. Rathu Bhaga - details of the scheme and its benefits                 | P. P. P.               |
| Day - 6    | Who are eligible for Rathu Bhaga                                | Eligibility criteria for Rathu Bhaga - list of eligible farmers and their details | P. P. P.               |

## WEEKLY REPORT

WEEK 11 (From 19/11 to 25/11/2023)

### Objective of the Activity/Theme

Detailed Report: (19/11/2023 to 25/11/2023)

- AIDS - STI/AIDS, HIV/AIDS, Animal Husbandry etc.
- Information on certified organic products - available for villages
- Facility of online purchase & delivery
- Provided weather information.
- Facility to know market prices of agricultural products

- Agriculture Agri's net. website.

Current Agriculture extension/extension of  
productivity by RBT

1) D.S.R. Patho Bhawan

2) D.S.R. zero carbon market

3) National food security mission

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    | DR. Y. SR. zero interest crop loan scheme         | - Farmer loan 15%<br>State Government - 4%<br>Central Government 3%<br>Pays the benefit of farmer              | P. P. P. P.                |
| Day - 2    | eligibility of this scheme objectives<br>Benefits | - main objective of<br>scheme is to help of the<br>farmer across the<br>state<br>- loan is divided into        | P. P. P. P.                |
| Day - 3    | DR. Y. SR. zero interest crop loan scheme details | - e-CAP registered<br>farmer as eligible<br>- benefited by an<br>sagen-mechanism                               | P. P. P. P.                |
| Day - 4    | National food security (NFSM)                     | - Increase yield by<br>increasing cultivation<br>area & productivity<br>- improve the capital<br>and of farmer | P. P. P. P.                |
| Day - 5    | objectives of NFSM                                | increase the effi-<br>ciency of farmer's<br>conservation of soil<br>for the future.                            | P. P. P. P.                |
| Day - 6    | NFSM<br>main points                               | - set up to 1000<br>unit demonstration<br>- farms to achieve<br>high productivity.                             | P. P. P. P.                |

## WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report: 08.11.22 zero interest crop loan scheme

Crop registered farmers are eligible for this scheme farmer loan is 7% y.s.R zero interest crop loan is launched by the cm y.s.R Jagan Mohan Reddy this scheme is mainly launched for the farmers across the state under this scheme all the farmers and the crop loans up to Rs. 1 lakh repay the same within 1 year will be covered interest subsidy will be provided to the beneficiary farmers under this scheme.

Benefits: - To free the farmers from vicious cycle of money lenders rather government will directly provide loan interest subsidy of loans taken loan provided under this scheme interest.

National food security mission: - Authorized by central govt of India launched in 2007, based on recommendations of agriculture subcommittee of NDC (National Development Council)

# ACTIVITY LOG FOR THE ELEVENTH WEEK

| Day & Date | Brief description of the daily activity                | Learning Outcome                                                                                                               | Parent's / Teacher's Signature |
|------------|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Day - 1    | Soil can be taken from (at)<br>Soil health card scheme | For the year 2020, the soil health card scheme was started in the village. We started to collect soil samples from the fields. | P. P. P.                       |
| Day - 2    | Soil health card scheme                                | How to collect soil samples from the fields.                                                                                   | P. P. P.                       |
| Day - 3    | Different steps in soil testing                        | Collection of soil samples from the fields.                                                                                    | P. P. P.                       |
| Day - 4    | Collection of soil samples                             | Soil samples for soil test should be collected in a clean container.                                                           | P. P. P.                       |
| Day - 5    | When the soil can be collected                         | Soil samples can be taken at any time of the year.                                                                             | P. P. P.                       |
| Day - 6    | When to take the soil sample                           | Soil sample should be collected before sowing & after harvesting.                                                              | P. P. P.                       |

## WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

soil health card scheme (or soil conservation scheme) for the year 2019-2020 the government of India selected one village per mandal, under village, not project mode & collected soil samples from every field. Analysis of soil samples in soil laboratories & provision of soil analysis documents before planting do not provide document 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 analysed in a scientific manner followed by time & the calibration. All precautions should be taken in soil collection.

When the soil samples can be collected?:-

- Soil samples can be taken at any time table while the field are empty.

| Day & Date | Brief description of the daily activity           | Learning Outcome                                                              | Person In Charge Signature |
|------------|---------------------------------------------------|-------------------------------------------------------------------------------|----------------------------|
| Day - 1    | How much depth should be soil sample taken        | It depends on the crops we grow nature of soil and cultural crops             | P. P. P. P.                |
| Day - 2    | Tools to collect soil sample                      | Soil sample can be taken with the help of shovel pickaxe available of farmers | P. P. P. P.                |
| Day - 3    | Soil samples depth how much how to collect sample | If field soil is of same type, it is enough to take one sample for 5 acres    | P. P. P. P.                |
| Day - 4    | Soil sample collection                            | The soil should be removed in a thin layer from top to bottom similarly       | P. P. P. P.                |
| Day - 5    | How the results of soil sample can be known       | The details of farmer related to soil sample collection should be recorded    | P. P. P. P.                |
| Day - 6    | Soil test results CTC.                            | The details of farmers who have collected the soil sample for the analysis    | P. P. P. P.                |

## WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

Depth of soil samples collection :-

— It depends on the crops we grow & nature of the soil.

— For Agricultural crops - 6 inches for fruits gardens. 5-6 feet one sample per one feet. Soil samples can be taken with the help of shovel, pickaxe available to farmers, soil type, color irrigation water availability, depth cultivation methods variation in crop yield should be taken separately. All the cavals should be different when the fields are identified, no matter how small the area of the field on basis when the whole field is of same type it is enough to take one sample for 5 acres. To collect soil sample bagage, weeks etc should be thrown away. Dig a shaped hole 6-8 inches deep using shovel zig zag method.

## 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 lab office is more comfortable and improving my interest of going work. The overall environment is good. It feels good to interact with the farmers. It feels there is a good interaction with my classmates and the faculty members in the organization. Minimum facilities are available like fan, light, tables, chair, computer, green board, kiosks. As a student the protocols are wearing a college uniform & ID card must and should be in the internship hours. We have participated in the Adm Badi programme organised by the Agriculture department of AP.

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 soft skills are required to stand out from others in the industry, be it an interview or in the workplace. Agriculture sector demand skilled employees. I gained key skills that are necessary to move forward. Technology based skills, writing, time management & organisation skills, managing data, Adaptability are the basic skill which I attained. This mainly included 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 area of science.

⇒ How important smart agriculture technology is

⇒ understanding work place culture.

⇒ understanding work place culture

⇒ interpersonal skills - interact well with others

⇒ Benefits of modern technology in terms of Agriculture.

⇒ Time management is important that how to utilize good time between different activities by prioritizing tasks.

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 have acquired in terms of Planning is one of most important skills for managers. It 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 to one of the main important role in every one's life. In this organization, the 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 patient, balancing & time management. I had attained to being patient, 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, strategy, vision, creativity & delegation.

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 conversation.
- => Don't be accusatory when raising an issue.
- => Get rid of those 'ums' 'Eh's'
- => making eye contact while someone talking
- => Avoid distracting moment, keep good posture.
- => create a positive organization structure-
- => speak about your thought & idea

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 connected with one base idea. By group discussions I gained the following skills such as leadership skills, communications skills, social skills & behaviour, politeness, team work, confidence and using 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 participate in group discuss. I acquired good communication skills by participation 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. As a team member I learnt to being positive mind set.

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 to completely vanished & other new ones replaced it. In the sector of agriculture the digital technology plays a very role to enhance the knowledge of farmers. Digital system makes the farming as easy.

Arrangement of digital kiosk is also the part of technological development we have seen in PDKS will have digital kiosks through which the farmers can place the orders of products like fertilizers seed etc will be delivered at the doorstep. Though the technological development it will help farmers to know the moisture in agricultural produce better.

Student Name: **MUNJU Ankitha**

Registration No: **202200100019**

Term of Internship:

From: **12/12/22**

To: **15/3/22**

Date of Evaluation:

Organization Name & Address: **R.B.K Rythu Bazarha Kandan Ibrahimbad**

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:

**M. Ankitha**  
Signature of the Student

Student Name: M. Ankitra

Registration No: 2022001049049

Term of Internship:

From: 12/12/22

To: 18/3/23

Date of Evaluation:

Organization Name & Address:

R.B.K (Rythu Boshha Kendam) Ibrahimbad - W

Name & Address of the Supervisor  
with Mobile Number

R.B.K (Rythu Boshha Kendam) Ibrahimbad - W  
Ravani madam - Village Agriculture Department

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

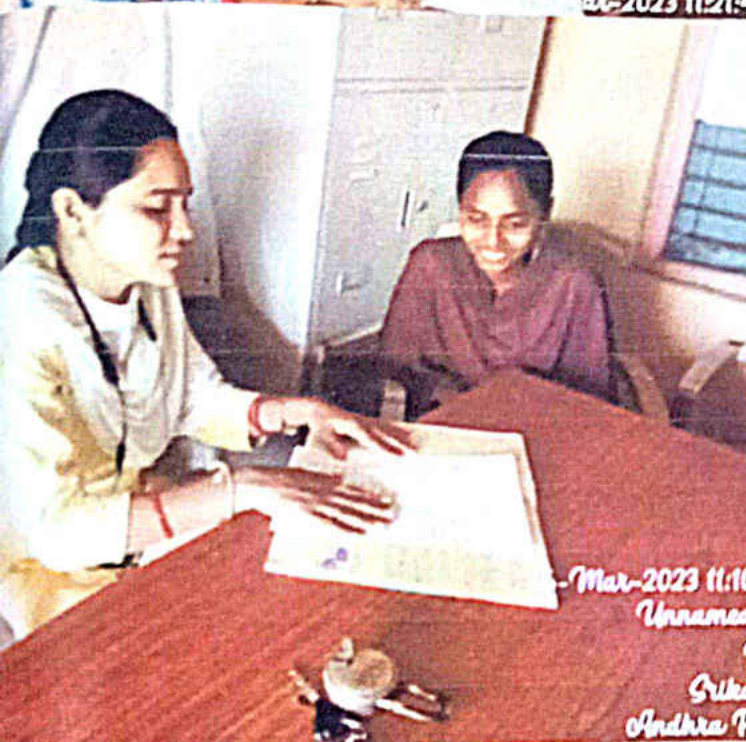
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|----|------------------------------------|---|---|---|---|---|
| 1  | Oral communication                 | 1 | 2 | 3 | 4 | 5 |
| 2  | Written communication              | 1 | 2 | 3 | 4 | 5 |
| 3  | Proactiveness                      | 1 | 2 | 3 | 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:

P. Parvathi  
Signature of the Supervisor  
Village Agriculture Department  
IBRAHIMBAD - 2  
Etcherla Mandal



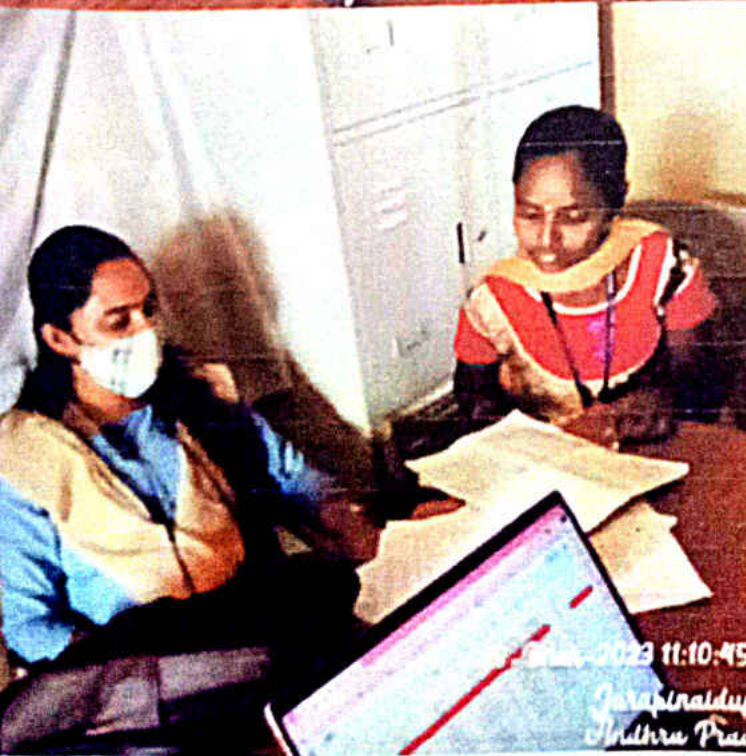
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## EVALUATION

## 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)

## INTERNAL ASSESSMENT STATEMENT

Name Of the Student: M. Ankitha

Programme of Study: V SEM

Year of Study: III Year

Group: B.Sc CBZ

Register No/H.T. No: 202200104904

Name of the College: GOVERNMENT DEGREE COLLEGE (MEN) SRIKAKULAM

University: DR BR AMBEDKAR UNIVERSITY

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

Date:

Signature of the Faculty Guide.

## EXTERNAL ASSESSMENT STATEMENT

Name Of the Student: M. Ankitha

Programme of Study: V sem

Year of Study: III year

Group: B.Sc CBZ

Register No/H.T. No: 2022001049049

Name of the College: G.D.C (men) Srikakulam

University: O. B. R. Ambedkar University

| Sl.No                               | Evaluation Criterion                                                | Maximum Marks | Marks Awarded |
|-------------------------------------|---------------------------------------------------------------------|---------------|---------------|
| 1.                                  | Internship Evaluation                                               | 80            | 79            |
| 2.                                  | For the grading giving by the Supervisor of the Intern Organization | 20            | 19            |
| 3.                                  | Viva-Voce                                                           | 50            |               |
|                                     | TOTAL                                                               | 150           |               |
| GRAND TOTAL (EXT. 50 M + INT. 100M) |                                                                     | 200           |               |

Signature of the Faculty Guide

Signature of the Internal Expert

  
Village Agriculture Assistant  
IBRAHIMBAU-2  
Etcherla Mandal

Signature of the External Expert

Signature of the Principal with Seal

