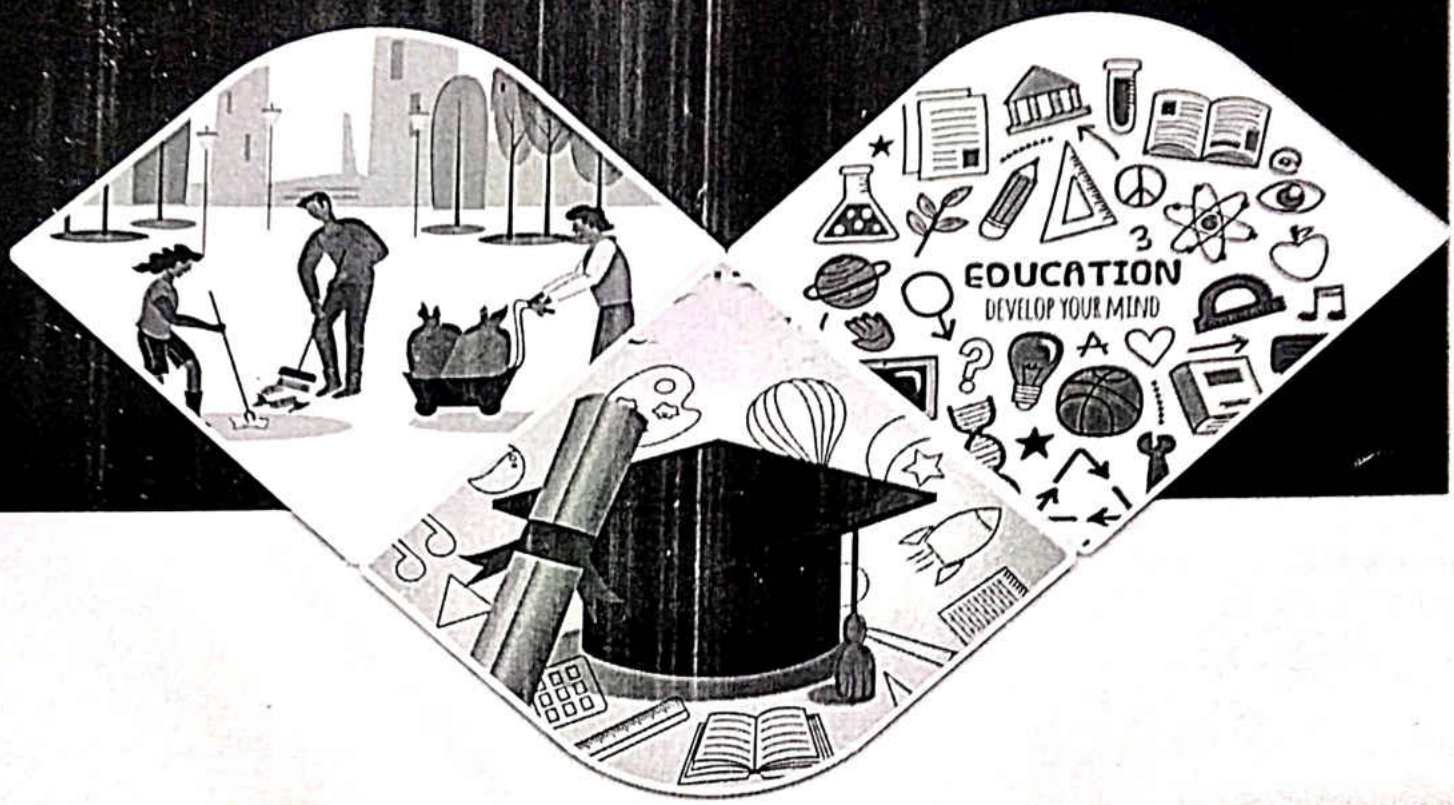
Model Program Book



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: VAVILAPALLI. SATEESH KUMAR

Name of the College: GOVT COLLEGE (M.EN)

Registration Number: 2022001562028

Period of Internship: From: To:

Name & Address of the Intern Organization

Dr. BY. AMBEDKAR University

YEAR

An Internship Report on

DEPERTMENT OF AGRICULTURE

(Title of the Semester Internship Program)

Submitted in accordance with the requirement for the degree of

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Under the Faculty Guideship of

SMt. R.S GOLDENA

(Name of the Faculty Guide)

Department of

GOVT. COLLEGE FOR MEN

(Name of the College)

Submitted by:

VAVILAPALLI. SATEESH KUMAR

(Name of the Student)

Reg.No: 202100156 2028

Department of CHEMISTRY

GOVT. 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.

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, VAVILAPALLI. SAILESH KUMAR a student of LONG TERM INTERNSHIP Program, Reg. No. [illegible] of the Department of AGRICULTURE College do hereby declare that I have completed the mandatory internship from _____ to _____ in R.B.K. LANKAM (Name of the intern organization) under the Faculty Guideship of _____ (Name of the Faculty Guide), Department of CHEMISTRY, GOVT. COLLEGE FOR MEN (Name of the College)

(Signature)
Village Agriculture Assistant
Lankam, RBK
Srikakulam

Official Certification

This is to certify that VAVILAPALLI. SATEESH KUMAR *(Name of the student)* Reg. No. 2022001562028 has completed his/her Internship in R.B.K. LANKAM *(Name of the Intern Organization)* on LONG TERM INTERNSHIP *(Title of the Internship)* under my supervision as a part of partial fulfillment of the requirement for the Degree of _____ in the Department of GOVT. COLLEGE FOR MEN *(Name of the College)*.

This is accepted for evaluation.

(Signature with Official Seal)

Village Agriculture Assistant
Lankam RBK
Srikakulam

Endorsements

Faculty Guide

Head of the Department

Principal

Certificate from Intern Organization

This is to certify that VAVILAPALLI. SATEESH KUMAR *(Name of the intern)* Reg. No 20220015620028 of GOVT. COLLEGE FOR MEN *(Name of the College)* underwent internship in R.B.K. LANKAM *(Name of the Intern Organization)* from _____ to _____

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

P. Divya
Agriculture Assistant
Lankam RBK
Srikakulam

Authorized Signature with Date and Seal

Acknowledgements

The Agriculture internship is the result at an and any two. monthly It would not have been possible with all the fortiPotion distance of Number of because of people along The I have to then all First and Fore most I would have to give specil g geriobte to my parents who gave me every copizity to keep my stop head

Iam Indeted tony college Agriculture and the Jeho and the Principel for their vision encouvment and ending cantog out the Intrest inthe Intern ship

speciay must be give to the Achors and studenty at King Agriculture for the feed book done and SUPort with which I achre gkills and development those who made this Report possible and be come areaility with their assitances

Contents

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.

1st Week :- Akkavaram RBK Boppai puram - 78 acres, Akkavaram -180 ac, vikram puram - 244ac shayam sundaraapuram -116 ac - Total 618 acres Total farmers - 588, undergone e-kyc 528 purchase of grain through RBK's - Minvam support price for general type per 100kg -2040/- per -80kg -1632/- quality parameters to get MSP are followed by central government

2nd week: current scenary of RBK - Rabai season 22-23 is 359 acres, ground - 75 acres Mazic -vikram puram (OTP) -4 acres other pluse - Green gram, Black gram, finger millet seasuam etc, serial crop paddy - 42 acres Dr. Y.S.R POLAM BADI 30 farmers, 25 acres field is need Icm = INM + IPM + IWM + FM

3rd week:- seed germination:- The process seeds developing into new plants seed dormancy Having all favorable conditions but unable to germinate Treatment - Scarification stratification, chemical method treatment

4th week :- Ground nut - Arachis hypoea - major oil seed CROP A.P ranks thrid in production constrains in Cultivation & Productivity - lack of agriculture, 500 - 1200 MM rain fall AVg temprture - 25° - 28°c, soils - lights sandy loamy soils are Best.

5th WEEK :- Preparation of Soil: Deep weeDding Summer can reduse the crop daming in Insets & pects. Before Sowing Soil should be levelled Time of sowing: early khairf - March to April, Kharif - June - July Rabi - Nov to Dec - 15 Seed Treatment :- per kg seed 3 gram of mancozeb trichdroma powder be required to Treat a seed

6th week :- Plant spacing & sowing of seeds & fertilzers :- 30 x 10 Plant spacing, seeds should be sown either with a harrow (or) tractor driven seed drill - Nitrozen The form of urea phosphrous potash gympsum, zinc sulfate

7th week :- Deficency symptoms N (yellowing of levels) P (Purple colour) KC Diseo colour nation water management - 400 - 500m of water Caster Pearl Millet sorghum can be Inter cropped with Ground nut

8th week :- pesets & dicases in Ground nut - Ecema mites, APhiets/Black fly, leaf hopper, leaf curled caterpiller, Tobaco caterpiller, Tikka leaf spot steam rot Virus

9th week :- Digital Klosk :- Provide weather Information marketing for seed fertilzers facities of onine Porchase door delivery DD. YSR ₹ 13,500 → 3 Instlimed kharif ₹ 7,500 ₹ -4000 -October - ₹ 2500 Harvest

10th week :- Dr. YSR Intrest crop loan schem 7%. of farmers loans provied under this are Intrest National food security

11th week :- Soil conservation schem, soil Helth card schem > Analtyic soil samples labries provide Soil before Planting ₹ 2500 determinate cost

12th week :- CHC (CUStim Hiring centres) - Scantified by govt - To Increase agriculture Manfacture dept of soil soil samples avighle

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 Raithu Bharosa kendra on may 30th of 2020 year The Government has started 10,641, across the state with an outlay of 200 crores

B) vision, mision and values of the organization:-

AP In predomintaly on agrain State launched this scheme to bring more transpency quality of services to the farming community. The centres will offer sevices like deliv of In puts to the farmers with 24-48 hours an attempt to Brin The agriculture extension system more closely to the farmers.

C) policy of the organIzation:- coller this year the government has recutitted assitant Horticulture assiant, veterinacy fishers Assiant having qualifaction In their respectives fields to work at R.B.ks center custom Hiring center d) other Important aspect In put delivey ② soil testing ③ training farmer ④ crop Insurance ⑤ e-crop Booking ⑥ Treadment after consulting veterinary doctor ⑦ Identify benciciares ⑧ providing markerting Interginces.

D) organization structure:-

chief minister → SPI chief secretary → commonsor (Agriculture) → District

VHA ← MAO ← ADA ← District Agoffice / Joint Director of Agriculture (SKLM) ← Joint collector ← District collectors

[Village Agriculture Assitant] [Mandal Horticulture office] [Assitant Director of Agriculture]

E) Roles & responsibilites of empoliyes which Intern is placed:-

Routine Records prepares Graphs & Charts, visiot fe1ding

F) ~~Roles & Responsibilites of emp~~

Performances in toms of profits & market valve:-

Many crops are Ground acces to region & demond many crops give Intormental profit at minimal Investment 30.% at production 15%. Whole sale 25%. retail levels

G) future plans of the organization:-

RBK system is a giant step in bring 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.

Acctivites which are occured in RBK are Important For our future skills whith acquring the knowledge Mainly we have learn about paddy procurement process Moistremeter working condition, soil testing, polam hadi

Moistremeter:- This is a machine which calculates moisture conte of food grains This is universal type. This is a part of - procurement of food Grains. this is universal type. This mosit can be calculated by this electronic mechine voume A, B, C, D, CUP are present By applying diffrent presure for diffrent sample of grains By using the above 4 diffrent volume of CUPS for example :- for pady short. volume CUP is used & APPLIED with the presure 525 & these also having CODE 008 This presure can be adjusted with vertical scale & circular scale volume CUP is used for measuring the moisture in Ground nuts with a presure of 450

collection of soil samples for soil test:-

The soil of taken from the field having dust particules well levelled field soil is taken. soil test should be conducted for evey 3 to 4 years. for acre of field 10 to 15 soil samples are taken in a polthyne cover divid the soil into 4 parts then 1st & 3rd point removed and spread the reaming as usaly and now divied into 4 parts now remove the 2nd & 4th part of soil up to the soils condnesed into 1/2 kg of for pady fields depthis digged then collecting 1/2 kg soil packet well send to the soil testing labrtory

e-crop provisior for Booking of alle crops like Agricultwre Horticultwre & foldors crops capturing the Information of acltal cultivator, wheather land owner teamt I acquried the knowledge about moistwre meter working collection of soil samples & e-crop.

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day – 1	Kharif - Basic data Akkavaram - Revenue villages ① Boppaipuram ③ vikram puram ② Akkavaram ④ shayam sundar puram	Total no. of farmers - 588 Total lands is 618 acres	P. Divya
Day - 2	Boppaipuram - 78 acres Akkavaram - 180 acres vikram puram - 244 acres Shayam sundara puram - 116 acres Total 618 ac	crop details :- Paddy - 610 acres sugar cane - 3acres garden - 5acres	P. Divya
Day – 3	Purchase of grain through Rythu Bharosa kendras	Minum support price Normal Type :- for Quintal - 2040 for 80 kg - 1632	P. Divya
Day – 4	Quality parameters to be followed to get support price	The mariuam % allowed by central government is 10% wastematerial. soil stones. Immatures.	P. Divya
Day – 5	support price for other agriculture products. Registrations done in RBK	CROPS available prices purchase periods	P. Divya
Day – 6	for purchase of grain by regestering ine-crop who have completed KYC	Total farmers - 588 farmers who - have undergone EKYC are 528	P. Divya

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report: RBK AKKA VARAM revenue villages

① BOPPAI PURAM - 78 ac ② AKKAVARM - 180 ac ③ Vikrampuram - 2[illegible]

④ Shayam sundar puram - 116 ac - TOTAL - 618 acres

TOTAL No of farmers - 588 farmers undergone ekyc - 528

Purchase of grain through Rythu Bharosa Kendras:-

The grains unforming the Quality standards prescribe by the government of India their grain is such way that 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 transpration, According to government calculations, the Amount is paid directly into the farmers account along with grain money within 2 Days MSP for general type per 100kg - 2040 for 80kg - 1632/-

Quality Parameters to be Met to get Suport Price:-

Quality standrads should be based central government

① waste soil, Rocks - 1.0 ② Spoiled, discoloured, Sprouted - 5.0

③ Immture, Shrivled curled grain - 3.0

④ Moisture level should be below 17.0

All Spoiled, Spravted, Insecteaten ceral 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 farmers within 21 days will be deposited in direct persons through DBT Method	P. Divya
Day - 2	current scenary of AKKAVARAM RBK	Rabi season is 350 acres Major crops - Ground nut - 75 acres vikram puram - (maize) Desmostration trail project - 4 acres	P. Divya
Day - 3	DR. YSR. POLAM BADI Athemes of polam badi ↓ 30 farmers, 25 acres, field	1. Helthy crops cultivation 2. Protecting friendly Insects 3. Weekly crop Monting Make farmers Prof 4. In crop cultivation	P. Divya
Day - 4	ICM = INM + IPM + WM + IWM + FM	Integrated crop Managment = Integrated nutrien manage + pest managment water tweed + farm Management	P. Divya
Day - 5	POLAM BADI - Field STUDY How's it conduted (Teaching Method)	participatary learning exportial learning sharing of experinces farmers facilators Group Dynamics	P. Divya
Day - 6	14 weeks of polam badi field study	Introductions Team Building Ago ecosysteam analysis filed visit	P. Divya

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 of the Rythu Bharosa Kendram the avilable should be scheduled by VAA. At given scheduling time Technical assitant with help of V.A.A should collect the grain from farmers thresing floor (2kg) bring it to RBK the farmer should Take the avilables vechiels & loads the sacks of grains socks should be weigted send the copy to data entry According to grains weight the truck sheet will be genarated Print is given to the farmer The tractor driver should be see the name mill in the truck sheet send the Grain to the respective within 24 hours After the searching Miller detects & Genarate ETO In 21 Days The Amount of farmers Bags will be deposited direct periods through DBT Method

Current Scenary of Akkavaram RBK:- The Revenue of villages area of RBK under rabi season 22-23 is 350 Acres Ground out - 75 acres - Maize vikram Puram (DTP) - 4 acres other pulses - Green block gram, tinai or millet seasument, Irrigation is canal vamsadara (MLC) The serial crop Paddy is also cultivated 42 acres under this RBK

Dr. Y.S.R POLAM BADI - How it is conducted:- ① Participatory ② experientail earning ③ sharin

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 Bioanials ③ Perennial	P. Divya
Day - 2	Criteria for essentiality essential nutrients	Macro nutreints C, H, O, N, P, K, S, Ca, Mg Micro nutrients B, Zn Mb, fe, Cu, Mn, Cl, N_i	P. Divya
Day - 3	Fertilizers application	① Time of application ② place of application ③ Amount of application	P. Divya
Day - 4	seed germination seed doramancy treatment Methods seed Types	scarification stori fication chemical method Treatment	P. Divya
Day - 5	Defecines of MACRO primay elements N, P, K	Nitrozen yellowing of leaves Phosporous - purple potasium (K) Discolat	P. Divya
Day - 6	Inter croping - To get Trap cropping - more yet Mono cropping Multi croping	cereis → pulseyTo escape from pests & diseasles	P. Divya

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

Crop classification : types

① Annuals ② Biennails ③ Perennials

① Annuals :- The crop which complete its life cycle in a

eg:- Tomato, Maize

② Perennials :- The crop which complete its life cycle

In two or more eg:- Mango, coconut

③ Bennials :- The crops which compelte its life cycle in

two years eg:- carrots, Beets

criteria for essentiality :-

① In absence of one element Plants donot complete their

life cycle

② one element cant be replaced by another element (deficiency)

③ The element must be directly involved in Metoboisam of Plants

seed germination :- The process of seeds developing into new Plants

seed dormancy :- Have all favourable conditions to geminate but

unable treatments of 3 types

① Scarification

② Stratication

③ chemical Method treatment

seed Types ① Monocotyledonae ② Dicotyledonae

ACTIVITY LOG FOR THE FORTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Ground nut science name:- Arachis hypagaea	- Major oil seed crop AP ranks third in prod - Mainly of micro nutrient Management of rightime	P. Divya
Day - 2	constraints in ground nut cultivation and proud cut ivity	lack of agriculture Mechanization lack of Micro nutrice Management of rightih	P. Divya
Day - 3	suitable climate for ground nut (peanut)	Area with low Rumidity are most subtittle for ground - nut	P. Divya
Day - 4	Climate	requires 500 - 1200 MM of rain fall Average Temperature 25 - 28° are suitble	P. Divya
Day - 5	soils subtitles for ground nut crop -	- light soils - soils withralcalian sulphate are ideal	P. Divya
Day - 6	soils whih suit best to grow ground nut - high organic matter	sandy lamy soils are best red bmaly soils PH - 6.0 - 7.5 best	P. Divya

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report: Groundnut - Arachis hypogen

Ground nut is the major oil seed crop Grown in our State. Among Ground nut Growing states India Andhra Pradesh ranks third in production and eight in Prod after Gujarath & Rajasthan is grown 7.35 lakh hectares In the Producers 10.48 lakh this crop mainly Grown In Ananthpur, Chittoor, Kurnool, and Y.S.R KADAPA

constraints in Ground nut cultivation and productivity:-

① NON - cultivation of water Stress resial varticiy in Grou

② lack of agriculture Mechanization

③ lack of Proper water & more ment management at night time

climate and soil:-

① Areas with low humadity are most suitable for Groundnut

② Average temperature 25-28°c are suitable

③ It requires 500-1200 mm of rain fall

④ light soils & Soils with calcium sulfar ideal

⑤ High organic matter containg soils are best suitable to grow Ground nut

⑥ Sandy loam soils, red loom soils are best

⑦ Soils with high organic mater 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	Ground nut:- Soils Preparation, season condition, Varieties, Duration (period)	Deep weedding in summer can reduse the indience of crop damaging Insects Before sowing the soils should be leveld	P. Divya
Day - 2	Ground nut sowing time & seed dose	North coast : cooly Khorif summer march april khorif : June July Rabi : Nov to Dec 15	P. Divya
Day – 3	Ground nut seed dose and sowing time	Rayala seema (south plowon) rain full zones khorif - first week of Rabi - Nov to Dec 15	P. Divya
Day – 4	seed treatment of Ground nut	per kg seed one gram of rebu conize or 3 grams of Monozeb powder should be given	P. Divya
Day – 5	Seed treatment of Ground nut	Seed rate Dorniting by seed sowing time variey The seed rate required 52 - 56 kg khorif 70 - 76 kg in Rabi	P. Divya
Day – 6	seed treatment before sowing the seeds of Ground nut	Seed should be first treated with Inslaion After drying in should be treat with funcide	P. Divya

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report: Ground nut soil preparations:-

① Deep wedding in summer can reduse the Incidence of crop damging Insects and pests

② Be fore sowing the soil should be levelled

Time of sowing:- North coast :- coolly kharif summer - march to April ; June - July Rabi ; november to December 15 UP to Rayala Seema (south low rainfall zones)

kharif:- first week JULY - AUGUST Rabi :- UP TO NOV - DEC - 15

Seed Dose:- seed rate is delormind by seed size, sowing Time varies, Narayani, kadin, T.C.G.V 9lm. dhani, Greeshama Rohini Abbayya prasoona, kodin - 7.8 Boldal - The seed rate require is 52 - 56 kg in kharif 70 - 76 kg in Rabi Nitya harina - seed rate in kharif - 60 - 64 kg kadiri Amaravathi, Harithandra dheer rabi 80 - 84 kg Bheem variety seed Dose in kharif 44 - 52 kg In Rabi - 90 kg is required

Seed Treatment:-

Per kg seed 3 grams of mancozeb, trichoderma powder should be required to treat a seed when planting new variety of Ground nut they should be (seeds) treated with bacteria see should be first treated with Insecticide then drying in a shade the seed should be treated fungicide

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 ground nuts Removal of seeds Dormany in seeds of Ground nut	Dormant varieties (kadiri 7,8,9) seeds 5ml ethesel (100%) mixed litres of water in soil in 12 Hrs dried shade	P. Dinya
Day - 2	seed dormancy removal In Ground nut seeds	(83) (39%) Ethephon 12 5ml. Mixed in 3litres of water spary on 100kg of seed in airting bags next day dry & sown	P. Dinya
Day - 3	Plant Spacing and sowing Method In Ground nut	even if early kharif Bheema, deevaj, nitya harita varieties should follow 30x10 cm Plant Spacing (Some)	P. Dinya
Day - 4	Sowing seeds of Groundnuts	The seed should be sown either with a harrow tractor driven seed Drill not only more sown less time	P. Dinya
Day - 5	fertilizers (use full) for Groundnut crop	fertilizers doses should be decided on soil Testes peanuts required following	P. Dinya
Day - 6	fertilizers use full for Ground nut crop	Nitrogen - 8(18) 12(27) Phasphous - 16(100) 16(100) potash - 20 (33) 20 (33) Gypsum - 200 200 Zinc sulphate - 20 25	P. Dinya

WEEKLY REPORT

WEEK – 6 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report:

Removal of seed Dormany Ground nuts seeds:- Dormant varities (Kabir 7.8.9.) seed 5.ml ether (100%) Mixed in 10 liters of water soaked solution for 12 Hrs dried in shades then seeds are sown (30%.) ethen 125ml mixed im 3lit of water Spray on 100kg of seeds alright bags over weight (12 Hrs) next day they are shown

Sowing method & Plant spacing:- evin in early Kharif Bheema bheeraj ,nityaharita varities should follow 30x10 Plant spacing to sow the seeds

Sowing seeds of Ground nut:-The seeds should been either with a harrow Tractor Driven seed drill All the time of sowing The soil require enough moisture The seed should notshown More than 5cm DP If a Tractor drill is used not only along area conbe sown a short time but also the reduced si Sin fully

Fertilizers:- Nitrogen -(18) rain feed crops 12(27) Irrigation crops fertilizers does should be decied on soil The following fertilizers doesh should be soil sets the do are used Nytrogen In the form of area Phosphes (In the form of singels suaphate) Pota & gypusam zinci sulph (once in evay crops for defiant soils) Urea -46%. Nytrogen -46kg -12kg - N

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 Ground nut	No. of plants per unit of land P.P = $\frac{10.000}{\text{Row plant spacing}}$ x Blowing	P. Divya
Day - 2	Deficiency symptoms of Nitrogen, Phosphoroups potassium	(N) - yellowing of leave (P) - purple colour (K) - Discolouration of leaves	P. Divya
Day - 3	Water management of peanuts crop	Ground nut requires 400 - 450M of water 8-9 taps are sufficent for light soils - sprinkle	P. Divya
Day - 4	Water management In Ground nut crop	If water is given Through Sprinklers 25% crop will increase along with savingwater	P. Divya
Day - 5	Inter cropping Trap cropping Mono cropping Multi cropping	More yield To escape from pets 1 crop is Grown in field a feeld per year	P. Divya
Day - 6	Inter cropping pattern of crops	caster pear millet sorghum these can Inter cropped with Groun By this virus In Ground nuts	P. Divya

WEEKLY REPORT

WEEK – 7 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report: Water manage Ment of Ground nut crops:

Ground nut requires 400-450 m of water & for light soils 8-9 are sufficient Before sowing The soils should hewatered well the seed should be Planted when It wet enough Second watering should be done - 20-25 days after sowing Then watering should be applied at Intervals of 7-10 DAYS depending soil chearchter & clay soils percentage the last should be given 15 days before harvest from stage at least landing of pods to the stage of reponding of nuts The should be given properly in Proper Amount If water given Through Sprinklers 25% crops water saving & yeld Increase In case of drip cultivales drippers should be placed at a distancea 90x90 cm & 10 mm of water should be given once evoy 3 days unit the pods are formed then 10 mm of water should he given every two DAYS

Patern of crops & Inter cropping:- Red gram castor, Peanut sorghum can be Inter cropped Ground nut . By this The virus spreding will be reduced . The are affected by North east moon soon, Kharif - Ground nut can be followed by Green gram Horse gram . Groundnut Inter cropping with Paddy The pests of Groundnut can be reduced .

ACTIVITY LOG FOR THE EIGTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Environmental analysis of Ground nuts field	peanuts contain friendly Insets that destroy harm full ~~insects~~ Insets monitor crops closely appiyate decisoun	P. Divya
Day - 2	Ground nut field Envoronment analysis	The majors of predators pests pathogens in peanut spiders Aiphies wrevils syrphid and 4 pests	P. Divya
Day - 3	Pests in Ground nut ① ECzema Mites ② Alpha / black fly	Sylmpos - suck Juice of leaves control - Spray Mono crop 320 mm - weemail 200 lil water suck the soap	P. Divya
Day - 4	Pests - symptoms / control ① leaf - hopper - measure ② leaf / curly / folder	Bother Mother young chil caterpillars suck soap on the under side of leaves curly the leaves control:- mono rotation	P. Divya
Day - 5	① RCD caterpiller ② Tabaco caterpiller symptoms control / measure	Symptom:- Catterpiller leaves the leave shoots stems control:- monocrop symtom:- leaves ends drum yoomi	P. Divya
Day - 6	Dieasues in Ground nut ① Tikka leaf spot ② RUST sufferon ③ Stem rot virus	symptom - Dark agriculture Stots on leaf - Helacargo Bristos forms anunder stand of leaves mano -3 ceb 5 pots formed	P. Divya

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report: Environment analysis of Ground nut filed Peanuts contain friendly insects destry harmfull The mayor once are Predators Parasities, Pathgens - Spiders, weils, syprid are 4 Types Predators. Trichogram, Telenomous, destory the larval stage farmers should conduct regular survie closely monitor the crop area Take appiate decisson after analysis

Pests:- Ecamamitos - Symptoms :- suck the Juice of leaves:- It curlying shirvel of leaves & plants will become Student control measure:- Per acer monocrophos 320ml neem oil + 1kg, Soap Powder per 200 litres water the sheed should be sprayed 2 times Into 5 days Internel Black fly:- As cluctors they suck the Soap leaf hoppers:- Both young Mother cator piller suck Spapon the under side the of leaves an forms cluster leaves Soaps - Imidi - 6 ml leaf curly / folder:- leaf curly folder after sowing 15 days moth worms are Gray colour In the First stage these are brown spotes on the leaves control:- Mono crops 500ml Tabacocartorpiller:- Guniphols Red cater - pillar system:- cator piller the leaves the shoots & stems control measure: Diamhole 400ml / monocrophos 320ml

Diseases - nikka spot:- Brown Spots on leaf - Hexagen cones - 400ml Rust / soft diseases:- small brick coloured bricts from on underside of leaves Stemrot virus:- Black Spots on leaf - Imidos 80ml

ACTIVITY LOG FOR THE NINETH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	How is digital klosk Useful which apps are used in klosk	- E MAID, CMAPP Fishtry, Animal Husbandry Marking for seed fertilizer lab - to field	P. Divya
Day - 2	klosk Importance	- Information on write agriculture products avilable for villages facilities online purches door - delivery	P. Divya
Day - 3	Agriculture Agris net protal savice of klosk	Provoiding weather Information facilities to know the mark prices of agriculture	P. Divya
Day - 4	Current Agriculture schemes undergoing to at AKKAVAM RBK	① Dr. Y.S.R Raithu Bharosa ② Dr. Y.S.R zero Intrest crop ③ National food security ④ Soil helth card schem	P. Divya
Day - 5	Scheme of Dr. Y.S.R Raithu Bharosa ₹ 7500/-, 4000/- 2000/-	- Govt AP fincialy assit farmers By despointing on Amount of 13500 Rs Instalments social with	P. Divya
Day - 6	who are eligable for Raithu Bharosa	cultivators belong to landless ST black board Minorty communities landless soc also eligble for Rythu Bha.	P. Divya

WEEKLY REPORT

WEEK – 9 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report: Digital Klosk & Its uses:-

APPS - EMAID, CMAPP, Fishery, Animal Husbandry etc..

- Information on certified agriculture products available for
- facility weather of online purchase & door delivery
- Providing weather Information
- facility to know market prices of agriculture Products
- Agriculture Agris net Protal service

current Agriculture scheme Undergoing at AKKAVaram RBK:-

① Dr YSR Raithu Bharosa ③ National food secaurity mission

② Dr YSR Zero croploan Intrest ④ soil heith card Scheme

① Dr. Y.S.R Raithu Bharosa:- It is a program lanched by govt A.P to finaly assit farmers by depositing an amount of ₹13.50 three Instalments In association with PM kisian state Government contributing ₹ 7500 & 6000

cultivators belong to landless SC, ST backward, minotry comminities landless cultivation are also eligible for Raith Bharosa. No Differnc between small farmers & big farmers - for all cultivation Rythu Bharosa is allowed three Instalments

① kharif - first Instalments - 7,500 PM - 5,500 ; CM - 2000

② October - second Instalments - 4000, PM - 2000 CM - 2000

③ Harvest time - Third Instalment - 2000 - PM

ACTIVITY LOG FOR THE TENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day – 1	Dr. Y.S.R. zero Interest - Crop loan scheme	- farmer loan is 7%. State Government - 4%.6 central Government - 3%. pays the loan of farmers so, it called as zero crop	P. Divya
Day - 2	Eligibility of his scheme objectivites & Benefits	Main objectives of scheme is welfare of the farmers across the State loans provided under this agreint zero interest basics	P. Divya
Day – 3	Dr. Y.S.R. ZERO INTREST CROP loan Scheme Details	e crop register farmers eligbl - lanched by cm Jagan - mohan reddy Interest subsilly provied by farmer	P. Divya
Day – 4	National food security Massion (NFSM)	- Authredy by central government of India - lanched 2007 based ona agriculture submission NDC	P. Divya
Day – 5	objectives of NFSM (National food security Mission)	Increase yield by Increse cultivated productivity Increase the confidence soil fertilizer, provdcutly	P. Divya
Day – 6	NFSM Main Points	- setting up of comminty demonstration farms to achive to high to low orgnic provid demonity crop acres to reigion	P. Divya

WEEKLY REPORT

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

Objective of the Activity Done:
Detailed Report: DR.Y.S.R. Zero Interest crop loan Scheme e-crop registor farmer are eligibul for his scheme farmers loan is 7% Y.S.R zero Interest crop loan lanched by the CM YS Jagan Mohan Reddy This schem Mainly lanched for the farmers across the State. under this scehe are the farmers who take crop loans up to RS. lakh se pay the same within 1 year all be covered Interest by subsily will be Provied to the beneficary farmers under this scheme Benifits:- aims to free the farmers from vicious circle of money lender rather goverment will directly provid them subsily loans Taken loans Provied under this scheme are Interest scheme National food security Mission: Authored by central govt of India lunch 2007-based recommendation agriculture submission NMC National Developp objectives:- ① Increase yield Increasing cultivated Productivity ② Increase of the confidence farmers consention soil fertilizers ③ To Increase Income farmers of morals along them Main Points:- setting up community demonstrion farms to achieve high yield with low Investment & high Production To organize high yield with low Investment high Productivity organize demnostion field on basis seasones of crops according to religion conducting training farmers in chosit Rabi based.

ACTIVITY LOG FOR THE ELEVENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day – 1	Soil constrution scheme Soil Health card scheme (SHC)	for The year 2019-2020 The Govt of India selected village pilot project of SHC collected soil samples	P. Divya
Day - 2	SHC (Soil Health card scheme)	Analysis soil samples The soil Importance provid soil Analysis before planting for each demonstration filed	P. Divya
Day – 3	Diffrent STEPS In - soil Testing	collection of samples Testing the in The life laboratry - fertilizer recommendations based on results	P. Divya
Day – 4	collection of soil - samples	Soil sample for soil Test should be analysed in a identid manner followed by All precutions should be Taken collection	P. Divya
Day – 5	When The soul can be collected (samples)	Soil samples can be Taken at any time while The filed are empty better soil during the summer season	P. Divya
Day – 6	when to Take The - soil samples	Soil sample should be collected before sowing after harvesting.	P. Divya

WEEKLY REPORT

WEEK – 11 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report: Soil health card scheme (or) soil conservation for the year 2019-2020 the Goverment of India select one village per mandal under village pilot project ANSHC & collected soil samples from evoy field Analysis Soil samples soil laboratories provision of soil analysis documents be printing donot provid document RS-2500 per hectameter for each demonstration field

Different Stage in soil Testing:-

- collection of soil samples
- Testing in The laboratoury
- Fertiliza recommendation based on results

collection of soil samples:-

- Soil samples for soil Tests should be analysed scientiy Manner followed by time the collection All Precautions should be Taken in soil collection

when the soil samples can be collected

soil samples can be Taken at any Time whil the fileds are empty

- Its is better pick soil during the summer season
- Soil samples should be collected before sowing & after harvesting

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 crop we grow & nature of soil Agriculture 6-inches fruit Garden 5-6 feet one sample per one step	P. Divya
Day - 2	TOOLS TO collect soil samples	soil samples can be Taken with the help of shovel, picke avilable to farmers	P. Divya
Day - 3	Soil samples. depth how much How to collect samples	If field is same type Its enough! to be Take one sample for Large v-shaped deep using shovel zig-zag method	P. Divya
Day - 4	Soil sample collection..?	The soil should be removed in the layer from TOP to bottom similarly soil should be collected 10-12 places cloth in the shade	P. Divya
Day - 5	How The results of soil samples can be known..?	The details farmers relied to soil sample collection be registered in soil health card portal By collecting soil farmers regarding help	P. Divya
Day - 6	Soil Tests results CHC (Custom Hiring Centers) santioned by government	The details of farmers have collected the soil's sample of soil samples are being sent to their mobile numbers	P. Divya

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 Agriculture crops – 6 Inches, for fruit → garden 5-6 con sample per one feet)

- Soil samples can be Taken with the help of shavel Pickse - avialble to farmers → soil, Type colour Irrigition wat er avilabl depth cultivation Methods variation in crop yield should be Taken seperately All The equals should be deffrent when The fields are Identified no mater how small the area of field on basics when The whole fields is of same Time it is enough Take one sample for 5 acres. To collect soil sample garbage weeds etc should be thrown away shaped hole 6-8 Inches deep using shovel zig zag Method The should be removed in The layer from TOP TO bottom similarly soil should be collected from 10-12 Place The details of farmers related sample collection should be registered in STC protal field custom Hiring Custom center (HC) - Goverment sanctioned Input - 15laksh farmers share -10% → 1,50,000; Govt subsidy - 40% → 6,00,000 crop loan govt → 50% 7,50,000 To area Agriculture Method reaction like the Mechinary - like Tractor Polything leveler puddling spoing throughmachin

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 enivonment is very Important for learning & doing any work in an organisation Good cnvironment is always boosting up your Intrest the RBK office is More comfortbul and Improving My Intrest of Going work The over all envoument is Good . It feel good to Intract with the farmers . I feels there is a good Intraction with my classmates and the faculaty Members in the orginazion Minvam facilites avilabile like fan, light, Tables, chair, computer, Green board as a student the protocols are wearing a colege uniform I.D card must and should be in the Intern ship hours we have participated in the pram badi Program orginsed by the Agriculture department A.P

as a seciance student knowledge of farming is much more Important necessary Me to complete the TASK

Vchaction is Good for that organisation . whenever the Teacher has assigen the Group work, we will complete it at Team work with a collabination of everyon Idea which helpfull for enchoring my leadership qualities

Acquired and least vay much knowledge during this Intornthip Period.

Student Self Evaluation of the Short-Term Internship

Student Name: VAVILA PALLI SATEESH KUMAR **Registration No:**

Term of Internship: **From:** **To :**

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: **Signature of the Student**

Evaluation by the Supervisor of the Intern Organization

Student Name: VAVILAPALLI. SATEESH KUMAR	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

Agriculture Assistant
Lukkam RBK
Srikakulam

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.

INTERNAL ASSESSMENT STATEMENT

Name Of the Student: VAVILAPALLI SATEESH KUMAR
Programme of Study: Agriculture (BSc) Hons
Year of Study: 2020 - 2023
Group: MCAC (BSc)
Register No/H.T. No: 20200156 2028
Name of the College: Govt College (Autonomous)
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: VAVILAPALLI. SATEESH KUMAR
Programme of Study: Agriculture [RBK] LANKAM
Year of Study: 2020 - 23
Group: 3rd CB.S.C) MCAC
Register No/H.T. No: 202L00156202P
Name of the College: Govt. Degree College
University: Dr. B.R. Ambedkar University.

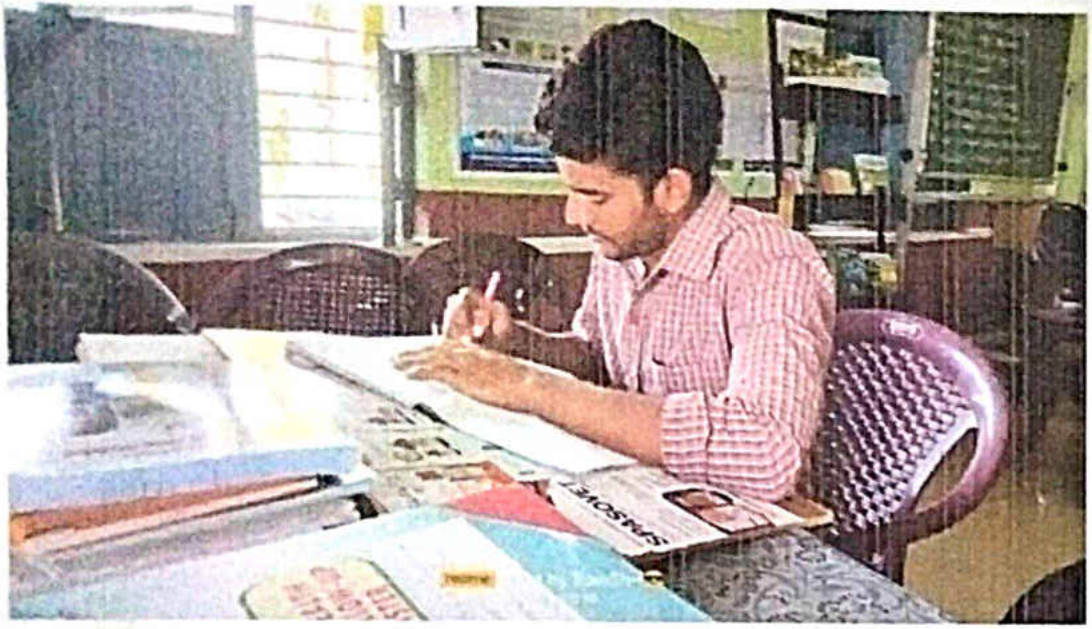
Sl.No	*Evaluation Criterion*	*Maximum Marks*	*Marks Awarded*
1.	Internship Evaluation	80	
2.	For the grading giving by the Supervisor of the Intern Organization	20	
3.	Viva-Voce	50	
	TOTAL	150	
GRAND TOTAL (EXT. 50 M + INT. 100M)		**200**	

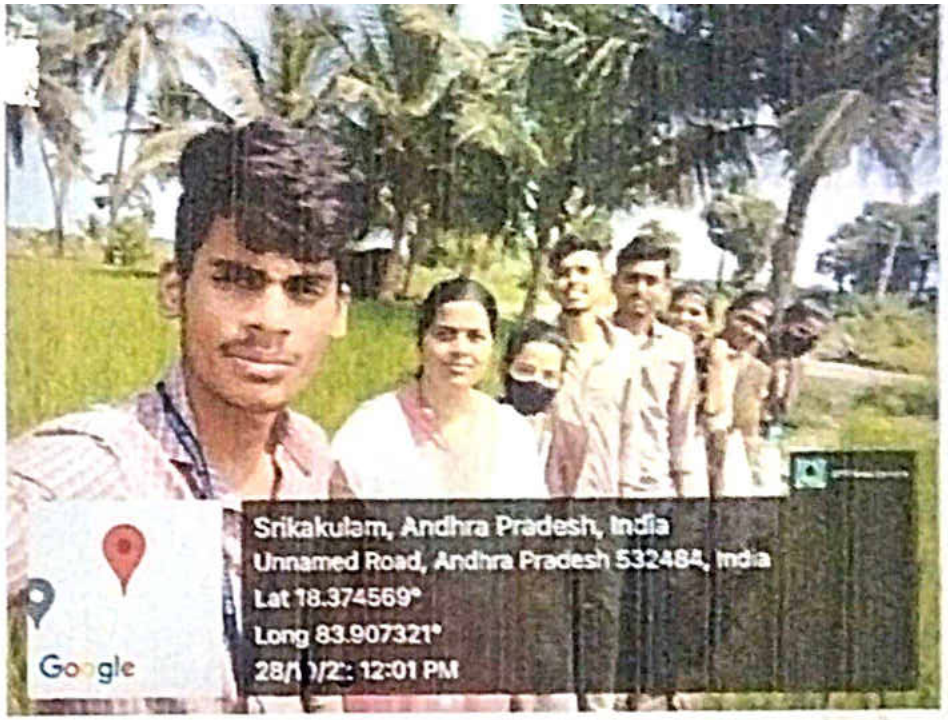
Signature of the Faculty Guide

Signature of the Internal Expert

Signature of the External Expert

Signature of the Principal with Seal

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