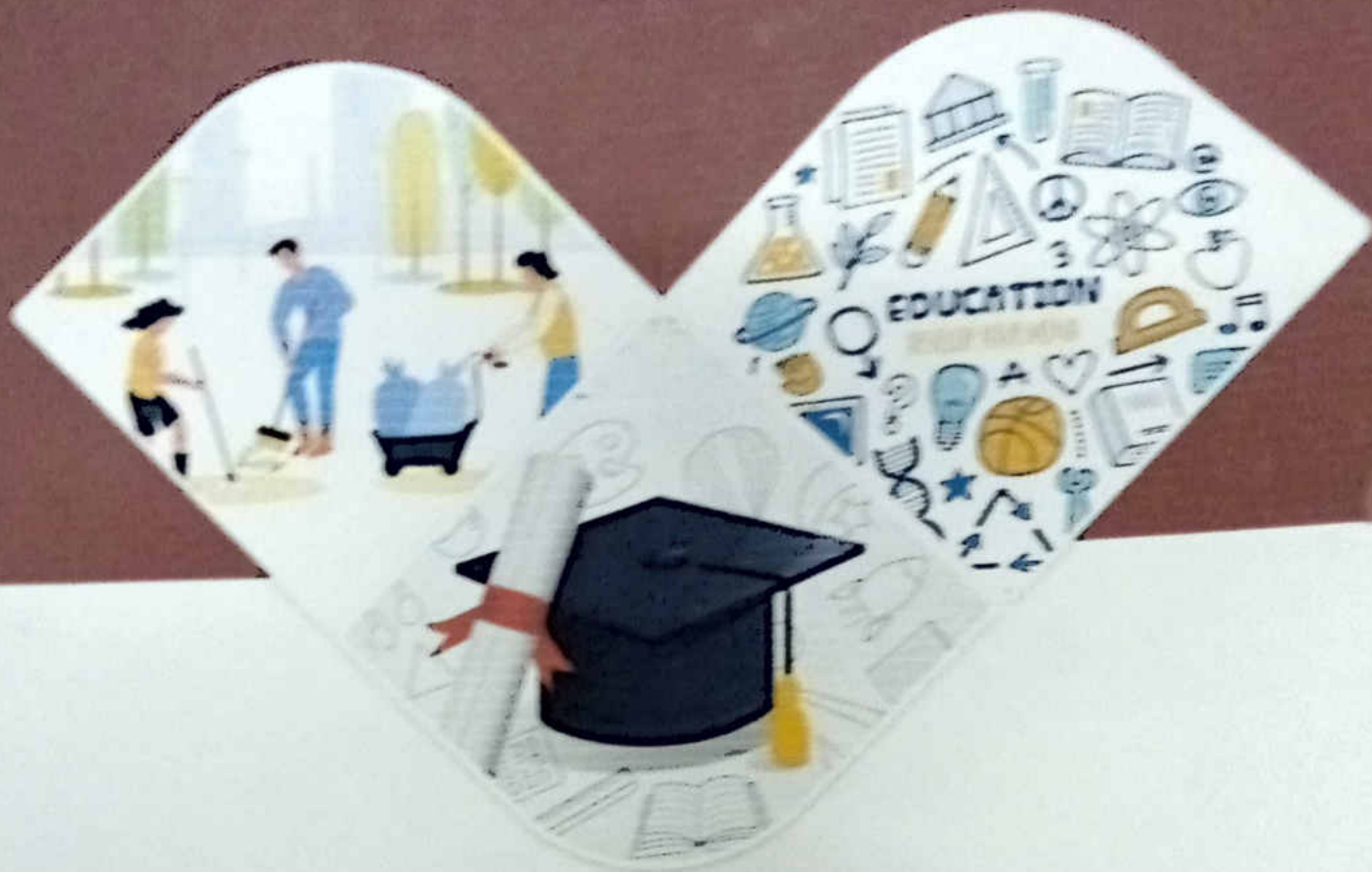


Model Program Book



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: *Meesala Sashi Kumar*

Name of the College: *Government Degree College (MCO) SKL*

Registration Number: *2022001050029*

Period of Internship: From: *12/12/2022* To: *18/03/2023*

Name & Address of the Intern Organization : *Irrigation Department*
(Tekkali).

DR. BR AMBEDKAR **University**
YEAR

An Internship Report on

Irrigation Department

(Title of the Semester Internship Program)

Submitted in accordance with the requirement for the degree of

B.S.C

Under the Faculty Guideship of

SRI. R. Ravi kumar

(Name of the Faculty Guide)

Department of

MPCS. Govt. Degree College (MEN). SKLM.

(Name of the College)

Submitted by:

M. Sashi kumar

(Name of the Student)

Reg.No: 20210050029

Department of MPCS

Govt. Degree College (MEN). SKLM.

(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, M. Sashi kumar a student of Govt Degree College men SKLM
Program, Reg. No. 2022001050029 of the Department of BSC (MPCS)
College do hereby declare that I have completed the mandatory internship
from 12-12-2022 to 18-03-2023 in Irriagation Dept (Name of
the intern organization) under the Faculty Guideship of
Irriagation Department (Name of the Faculty Guide), Department of
Mathematics, Govt. Degree College (MEN)
(Name of the College)

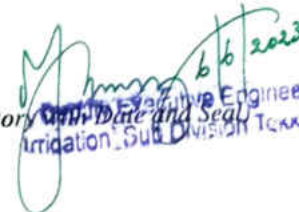
M. Sashi kumar

(Signature and Date)

Official Certification

This is to certify that M. Sashi kumari (Name of the student) Reg. No. 2022001050029 has completed his/her Internship in Irrigation Dept (Name of the Intern Organization) on Irrigation Dept (Title of the Internship) under my supervision as a part of partial fulfillment of the requirement for the Degree of BSC (MPCS) in the Department of Govt Degree (Iqman (SKLM)) (Name of the College).

This is accepted for evaluation.

(Signatory)  6/6/2023
Signature Engineer
Irrigation Sub Division Tekkal

Endorsements

Faculty Guide

 20/04/23

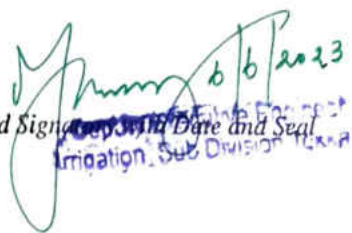
Head of the Department

Principal

Certificate from Intern Organization

This is to certify that M. Sashi kumar (Name of the intern)
Reg. No 2022001050029 of Govt Degree Hg SKM (Name of the
College) underwent internship in Irigation Department (Name of the
Intern Organization) from 12/12/2022 to 18/03/2023

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


Authorized Signatory Date and Seal
Irigation, Sub Division

Acknowledgements

- Observe the irrigation department and their details
- Study of various types of irrigation methods
- learn about irrigation and its uses
- learn about how to help farmers to culture of water in correct methods
- learn about the capacity & storage of water in reservoirs
- learn about the water levels & measurements of the dams and canals

Contents

Irrigation is the supply of water to crops by artificial means it is designed to permit the designed point growth in arid regions and to offset drought in semi arid regions or subarid region. The process of supply of water in fields through man made sources like wells, under ground water, small and big dams etc.,.

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.

Objectives and Outcomes :

Main functions of the Department

- * Hydrological assessment of availability of water in the river basins including water allocation to the irrigation and other purposes duly assessing the availability in the basin
- * Planning & design of Irrigation systems
- * Operations & maintenance of reservoirs and canal systems
- * construction of new projects to create irrigation potential for economic development of state.
- * Stabilization of existing project by rehabilitation of the age-old projects.

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.

Importance of Irrigation:

Irrigation helps to increase productivity even in low rainfall. The productivity on irrigated land is higher as compared to the un-irrigated land.

Multiple cropping is not possible in India because the rainy season is specific in most of the regions.

However the climate supports cultivation throughout the year. An Irrigation system requires a water source a method to transport the water and a method to distribute the water to the

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.

Methods of Irrigation :

* There are two types of Irrigation. They are:

* Sprinkler Irrigation

* Drip Irrigation

* Micro - Irrigation is the application of small quantities of water frequently directly above and below the surface of the soil, in the form of discrete drops, continuous drops through water emitters.

* In basin irrigation the land is divided into basins. It has a simpler design than the furrow and border design.

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Importance of Irrigation	to increase productivity	
Day - 2	multiple cropping is not cultivated	due to low rainfall.	
Day - 3	transport of water from one to another	with the help of canals.	
Day - 4	Rainfall supports the Irrigation	to cultivate crops.	
Day - 5	we have many facilities	like water resources	
Day - 6	methods to distribute water	canals, ponds, small rivers etc...	

Irrigation helps to grow crops maintain landscapes and revegetate disturbed soils in dry areas and during times of below average rainfall. In addition to these uses, irrigation is also employed to protect crops from frost suppress weed growth in grain fields and prevent soil consolidation.

Water is distributed across land by raising the water table, through a system of pumping stations, canals, gates and ditches. This type of irrigation is most effective in areas with high water tables.

ACTIVITY LOG FOR THE SECOND WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Functions of Irrigation	availability of water	
Day - 2	River basin including water allocation	availability of water in basin	
Day - 3	Planning of Irrigation System	to design the system	
Day - 4	operations of reservoirs	to keep the water in stock.	
Day - 5	Maintenance of canals systems	to operate the canals	
Day - 6	stabilate of water	through canals.	

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

Functions of Irrigation Systems that are:

- * protecting by construction, strengthening and maintenance of marginal embankments including planning execution and maintenance of flood protection
- * to provide proper drainage system and its regulating its maintenance
- * effective monitoring of the flood situations
- * to provide irrigation facilities to cultivators of the region.

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Methods of Irrigation	They are two types	
Day - 2	How these types are useful	These types can absorb water in soil	
Day - 3	Learn about micro and basin irrigation	destroy the micro organisms in soil	
Day - 4	About Drip and sprinkle irrigation	These are main types of irrigation	
Day - 5	Contamination of water	in canals and ponds	
Day - 6	How contained water is used	in low rainfall	

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

Water is essential element for survival. About seventy per cent of the human body consists of water while plants contain almost 90 percent of water. Still we have depend on some outside sources to fulfill the water requirements of our body.

Similarly, crops require water for their growth and development. The process of supplying water to the crops is known as irrigation.

Methods :

- * Traditional Methods
- * Modern Methods

1. Sprinkle System
2. Drip system.

ACTIVITY LOG FOR THE FOURTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcomes	Parent Involvement/Signatures
Day - 1	Helping in farmers in collection of water from canals	How to collect the water	✓
Day - 2	Introduction of irrigation department and its services	Learned about their services	✓
Day - 3	Types of irrigation in department	learned about types and uses	✓
Day - 4	Discussed about storage limit and	learned about storage limit	✓
Day - 5	Discussed about water supply to farmers	learned about the water usage	✓
Day - 6	observation of salient features	learned about salient features	✓

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

We visited to irrigation sub division office in tekkali. We went to A.E sir in that department. then gathered some office details.

Later we learned about the information of irrigation and do some discussions. we learned about Introduction of irrigation. The irrigation is the main source of water supply.

It has various services in department. They constructs the reservoir in nagavali river. They store the water in narayanapuram anicut.

We learned about the narayanapuram anicut, salient features and storage limit of reservoir.

ACTIVITY LOG FOR THE FIFTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	creation of awareness to farmers in water for crops	How to utilize the less water.	
Day - 2	Study of less water usage by modern technology	learned about Modern methods of irrigation	
Day - 3	To the irrigation division in Tekkale	learned about the ariants in zrikatula	
Day - 4	Discussed about mandal wise ariants in narayanapuram.	learned about their mandal ariants	
Day - 5	Discussed about right side canal in narayanapuram.	learn about right side canal measurements.	
Day - 6	Discussed about ariants in kharf Season.	learned about kharf season.	

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

Objective of the Activity Done:

Detailed Report:

We visited to irrigation division in Tekkali. We discussed about the Modern techniques in irrigation system. These techniques are useful for the farmers and reduce the amount of water wastage. They are drip irrigation, sprinkle irrigation etc... ground water irrigation.

These are supply water through pipes, sprinklers, ditches and canals in the field to reach water to the roots. We discussed about utilization of proper water for crops. We discussed about ancient in narayana puram. We measured right side ancient of narayana puram.

ACTIVITY LOG FOR THE SIXTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Water management in utilization of water from tanks.	water crop management.	
Day - 2	Discuss about the no. of projects like vamsadhara, narayanpur.	learn about the no. of reservoirs in Tekkali	
Day - 3	Discuss about the storage of water in tanks by rainy season.	learn about the storage of water in tanks like ponds.	
Day - 4	Discuss about less usage of water in Summer.	learn about usage of less water in Summer.	
Day - 5	to the irrigation division office in Tekkali.	learn about how to control heavy water storage in Anicut.	
Day - 6	to the irrigation sub division office in Tekkali.	learn about various ways of water supply	

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

We went to irrigation division office in Tekkali. we discuss about the water management in utilization of water from tanks for agricultural and various purposes.

later we discuss about various 1 no. of reservoirs in Srikakulam District. They are:

1. Ramsadhare reservoir which is built on the river of Ramsadhara at Veeraghattam.
2. Narayanapuram reservoir which is built on river Nagavali at Burja Mandal.

We discussed about the various ways of water supplies in the ancient.

ACTIVITY LOG FOR THE SEVEN WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	creation of awareness to farmers to safe guard.	How to safe guard the irrigation sources.	
Day - 2	To the irrigation division Tekkali	learn about types of water facilities	
Day - 3	To the irrigation division in Tekkali.	learn about the types of irrigation.	
Day - 4	To the irrigation sub division in Enikukulam.	learned about planning & design	
Day - 5	To the irrigation division office in SKLM.	learn about restoration and maintenance of flood banks.	
Day - 6	To the irrigation sub division in SKLM.	learn about ancient on water availability.	

WEEKLY REPORT

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

Objective of the Activity Done:
Detailed Report:
We went to Irrigation Sub division office in Srikakulam. We discuss about creation of awareness to farmers to safe guard.
We learn about the types of water facilities in irrigation system. What types of irrigations system are used in agriculture without wastage of water like drip irrigation, ground water irrigation, sprinkler irrigation etc.
We learn about the analysis of water availability in the river basin.

ACTIVITY LOG FOR THE EIGHTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Maintain the channels & canals with at most from farmers in every year	How to utilize the less water in agriculture	
Day - 2	To the irrigation sub division office in Srikakulam	learn about the flood management during the flood	
Day - 3	to the irrigation sub division office in Srikakulam	learn about maintainance of reservoirs and canal system	
Day - 4	To the irrigation sub division office in Srikakulam	learn about water availability utilization of river basins	
Day - 5	to the irrigation sub division office in Srikakulam	learn about how to supply water to be on Khanif Season	
Day - 6	to the irrigation sub division office in Srikakulam	learn about canal ponds reservoirs systems	

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

We visited to irrigation sub division office in drikakulam. We discuss about how to maintain the channels and canals with at most co-operation from the farmers in every year. and learn how to utilize less water for agriculture.

We learn about the flood Management during the floods at narayanapuram anicut. learn about the maintaince of reservoirs and canal system. learn about the availability utilization of inter site river basins & tankunds. learn about how to supply water to farmers.

ACTIVITY LOG FOR THE NINETH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	Irrigation enables production of more crops.	learn how to cultivate more crops.	
Day -2	to develop the farmers self sufficient	objectives of irrigation department	
Day -3	It necessary to provide sufficient moisture.	learn about moisturing the irrigation	
Day -4	Irrigation of crop plants is essential for growth and elongation of roots.	learn about how to stronger the roots.	
Day -5	It is necessary to increase no. of aerial branches	Branches of aerial in crop plants	
Day -6	The use of water for lawns and agriculture crops.	scope of Irrigation	

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

We have visited the sub division office in Tekkali. We have learned about scope, advantages, concept of Irrigation.

In order to maximise the use of water for lawns and agricultural crops, work is done in the field to assess the terrain, soil and climate factors. It is necessary to provide sufficient moisture for germination of seeds. Irrigation of crop plants is essential for the growth and elongation of roots of the crop plants. It is necessary to increase the number of aerial branches in crop plants.

ACTIVITY LOG FOR THE TENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	As climate in India is majorly monsoonal, depending on rain.	learn in monsoonal climate its depends on rain	
Day - 2	Agricultural production is affected due to irregular, insufficient rain.	learn about why the crop is affected	
Day - 3	Work is done in the field by the terrain, soil and climate.	learn about crop is depend on soil.	
Day - 4	Sources for irrigation water are ground water from wells, surface water.	learn about source of Irrigation water.	
Day - 5	A project having a cultivable command area (cca) of more than 10,000 hectares.	learn about major irrigation projects.	
Day - 6	Modern methods of Irrigation utilise cloud-automated and sprinkle systems.	learn how the modern methods are done.	

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

We have visited the nearby division in Srikatulam. We have met the AE sir in that division. He had told us about the major things of irrigation. We have learn about Monsoonal climate depends on rain. Affection of crops, the crop is dependended, and Source of Irigation, and told about Major projects and Modern methods of cultivation.

Modern Methods of Irigation utilize cloud- automated and timed sprinkler system, drip system and Sub surface water lines. The physical factors that is affected is the terrain, soil type etc...

ACTIVITY LOG FOR THE ELEVENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	The total irrigation is covered by tube wells and canals.	learn about the dependency.	
Day - 2	Regions which have large plains, fertile soils and cultivated by canals	learn about the main source is by canals.	
Day - 3	Types of Irrigations are Traditional and modern method.	learn about the types.	
Day - 4	India's irrigation is based mostly on ground water well.	learn about the irrigation is done by ground water well.	
Day - 5	Indira Gandhi Canal is India's longest canal.	learn about the world biggest irrigation project	
Day - 6	The irrigation system consists of intake structure or pumping station.	learn about the components of irrigation	

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

We have visited the near by sub division office in Tekkali. In this week we have learned about the irrigation is covered by canals and which type of regions are suitable for crops and then types of irrigation. Irrigation mostly depends on ground water and learned about longest canal in India and also canals in India and also the main components of crops to cultivate very well.

The irrigation system consists of a (main) intake structure or (main) pumping station, a conveyance system, a distribution system, a field application system and a drainage system.

ACTIVITY LOG FOR THE TWELVETH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	The ratio b/w irrigation water actually utilized by growing crops.	learn about the efficiency of Irrigation	
Day - 2	Irrigation water quality refers mainly to chemical composition of water	learn about the quality of Irrigation water.	
Day - 3	Some physical and biological properties such as algae, bacteria	learn about the presence of bacteria in water.	
Day - 4	Irrigation Systems have different application efficiency typically 50%-99%.	learn about the causes of loss of irrigation	
Day - 5	water "losses" are different for each irrigation evaporation, runoff.	learn about the losses of water in different ways	
Day - 6	The ground water system is the largest mode of irrigation	learn about the largest mode of irrigation	

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

We have visited the sub division office in Srikakulam.

We have learn about the many things about the Irrigation system. We have learn about the efficiency of irrigation and also learn about the quality of water. We have also learn about the presence of bacteria and algae in water. and also learn about the causes of loss of water in irrigation and learnt about the different types of losses of water and also the largest mode of Irrigation is ground water.

ACTIVITY LOG FOR THE THIRTEENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Irrigation water is diverted from a river to main canal through the construction	learn about the direct irrigation.	
Day - 2	The earliest form is people carrying buckets of water from wells.	learn about old method of Irrigation.	
Day - 3	Five highly effective methods of Irrigation	learn about the common method of Irrigation	
Day - 4	Uttar Pradesh is most irrigated state (17.4) million hectares.	learn about the popular irrigated state.	
Day - 5	Irrigation is usually used in areas where rainfall is irregular.	learn about the areas suitable for irrigation.	
Day - 6	There are many types of irrigation systems in water is supplied	learn about the many types of Irrigation in water	

WEEKLY REPORT

WEEK - 13 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report:

We have visited the near by division in Tekkali. They have told few important notes about the irrigation system we have noted that.

They have told about that direct irrigation that is converting river water to field and also old method of irrigation is that carrying water through buckets from canals. and also learnt about the five highly effective methods for irrigation. and also popular irrigated state that is uttar pradesh and also learned about the irrigation is usually done in the areas of irregular rainfall and dry areas etc.

ACTIVITY LOG FOR THE FOURTEENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Challenges for irrigation: poor irrigation efficiency Depletion of water table uneven rainfall distribution.	learn about the problems in irrigation management.	
Day - 2	The drip method of irrigation is the best modern method.	learn about the best modern method.	
Day - 3	The percentage of irrigated land in India is 35%.	learned about Irrigation part in India.	
Day - 4	The main source of irrigation in India is tubewells provides 46%.	learned about main source of Irrigation.	
Day - 5	Tanks in lowlands, rain water gathers in the form of tanks and ponds.	learned about the oldest means of Irrigation.	
Day - 6	Sources: wells, tubewells, lakes, ponds, rivers, dams and canals.	learn about the seven sources.	

WEEKLY REPORT

WEEK - 14 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report:

We have visited the nearby sub-division Irrigation office in Srikakulam. They have interviewed us and asked what's the purpose you have be here. We have explained them in details. And then they have told us about Irrigation in their way. That is.

We have learned about problems and challenges in irrigation that is poor irrigation efficiency, Depletion of water table uneven rainfall distribution, learn about the best modern method, and also learnt about the percentage of Irrigated land in India.

ACTIVITY LOG FOR THE FIFTEENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	The main parts of permanent irrigation automatic timer, control valves, sprinkler heads.	learn about the main parts of Irrigation.	
Day - 2	Irrigation frequency is defined as applying water to particular crop at certain stage	learn about the irrigation frequency	
Day - 3	Irrigation requirements is total quantity of water applied to land surface.	learn about the irrigation requirement	
Day - 4	It is the area of land that can be irrigated with a unit volume.	learn about the delta and duty	
Day - 5	The generally accepted pH for irrigation water is b/w 5.5 and 7.5	learn about the pH value of irrigation water.	
Day - 6	Irrigation efficiency is ratio of amount of water consumed.	learn about the section of irrigation.	

WEEKLY REPORT

WEEK - 15 (From Dt..... to Dt.....)

Objective of the Activity Done:

Detailed Report:

We have visited the nearby sub-division office in Srikalahasti. We have interviewed ourselves. They have told us a few things about Irrigation and we have noted that in our book. That is

They have told about the main parts of Irrigation, that is automatic timer, control valves, sprinkler heads. These are main parts of Irrigation and also they have told about the frequency of Irrigation and the requirements of irrigation and also they have told about the Duty and Delta and PH value in Irrigation water.

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.)

I Experienced good environment in irrigation department at my project work place. we have gathered information and details of the water resources and management of tanks and storage water utilization for agricultural uses.

we have interacted with the farmers and officers and learn types in irrigation and various methods of water usage and we clarify our doubts in the irrigation system. with our group members and interact each other and learn about how to utilize the water.

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

I can identify the officers works and gathered the information of the irrigation department. It can be dependent its all through the helping to farmers in utilization of water from the canals of narayanapuram ancient system about their services in the irrigation department.

They have created awareness to farmers on proper water utilization for crops.

In Kharif season they release water from the dams for agricultural fields. The storage level of water stored in dams, Awareness to the farmers to safe guard.

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 analysts, etc.

Managerial skills have acquired the team work on students performance in some selected irrigation department in Srikalai.

In this study was intended to the effect of team work on students performance in some selected students are worked to the irrigation sub-division office in Srikalai. They can research has the following specific information of objectives of the effect of team members trust, cohesion, spirit (or) esprit de corps and knowledge sharing on student performance in select the irrigation department information was gathered from the officers.

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.,)

Communication skills :

Although a large portion of the irrigation managers job is crunching numbers on equally large part of their job is communicating with other about their work. The irrigation / Assistant engineers must prepare the reports and memos of the water at the narayanapuram ancient. information that clearly communicates the organization of their work. They discuss plans and problems at management meeting by listening and responding to other managers ideas.

We improved our oral communication while training at the irrigation office while communicating with others

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

Enhance abilities in group discussions:

- Respect the contribution of other speakers
- Listen well to the ideas of other speakers and learn something.
- Remember that a discussion not a fight and arguments.
- As a team member firstly be thoroughly prepared to talk about the information
- Speak confidently, fluently, communicate with each other.
- Discussion activities to the classroom may serve several purposes in developing speaking skills, for instance.

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 technological developments of training and development acts as a link between learning and the sources of irrigation department. The irrigation department has mainly content of maintaining the storage water of reservoir and water availability in utilization of water to river basin and turbinals and gather information and developing the irrigation department.

According to Tekkali Division Irrigation department has being to job training persons has been the important role to gain the positive result and got the lot of information to the officers. In the training of the areas as a practice result and got the lot of information to the officers.

Student Self Evaluation of the Short-Term Internship

Student Name: M Sashi Kumar	Registration No: 2022001050001
Term of Internship: From: 12/12/2022 To: 18/02/2023	
Date of Evaluation:	
Organization Name & Address: Irrigation Department (Tekkal)	

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: *M. Lashi Kumar* Registration No: *2022001050029*

Term of Internship: From: *12/12/2022* To: *18/03/2023*

Date of Evaluation:

Organization Name & Address: *Irrigation Department Tekkali*

Name & Address of the Supervisor with Mobile Number: *M. SRI RANGANAYA KULU*
IRRIGATION SUBDIVISION - TEKKALI
Mob: No: 8639301183

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: *6/6/2023*

Signature of the Supervisor
[Signature]
 Deputy Executive Engineer
 Irrigation Sub Division Tekkali

Internal & External Evaluation for Semester Internship

Objectives:

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

Assessment Model:

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

the individual student's involvement in the assigned work.

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

MARKS STATEMENT
(To be used by the Examiners)

Page No

B.A.**B.A. - HISTORY****B.A. - ECONOMICS****B.Com.****B.COM (General)**

INTERNAL ASSESSMENT STATEMENT

Name Of the Student: *M. Dashi Kumar*

Programme of Study: *Irigation Department*

Year of Study: *2020-2023*

Group: *B-31 MP13*

Register No/H.T. No: *2021001050029*

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

University: *DR. B.R. AMBEDKAR UNIVERSITY*

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

[Signature] 20/04/23

Signature of the Faculty Guide

Date:

EXTERNAL ASSESSMENT STATEMENT

Name Of the Student: *M. Lathi kumar*
Programme of Study: *Irrigation Department*
Year of Study: *2020-2023*
Group: *B.SC MPC*
Register No/H.T. No: *2022001050029*
Name of the College: *Govt Degree college (MEN) Srikakulam*
University: *DR. BR. AMBEDKAR UNIVERSITY*

SLNo	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



ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

(A Statutory Body of the Government of Andhra Pradesh)

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