

Model Program Book



SHORT TERM INTERNSHIP (On-Site/Virtual)

Designed & Developed by



PROGRAM BOOK FOR

SHORT-TERM INTERNSHIP

(Onsite/Virtual)

Name of the Student : Y. Meenan

Name of the College : SVB Govt. Degree College, Koilkuntla.

Registration Number : 21360041014

Period of Internship : From: 07-08-2023 To: 06-10-2023

Name and Address of
the Intern Organization : Sri Subramanyeswara Polymers, Koilkuntla.

Royalaseema University

2022-23 YEAR

An Internship Report on
**Innovative Printing and Labeling solutions for
Polymer Cement Bags**
(Title of the Internship)

*Submitted in accordance with the requirement for the
degree of **B.Sc. Computer Science, Semester - IV***

Under the Faculty Guide ship of

Sri A. Krishna Dasu
Department of Physics

Submitted by:

Name : Y. Meenam

Reg.No: 21360041014

SVB GOVT. DEGREE COLLEGE
KOILKUNTLA

Student's Declaration

I, Y. Meenan a student of
B.Sc., M.P.Cs., Program, Reg.No. 21360041014 of the Department of
Physics, SVB Govt. Degree College do here by declare that I have completed
the mandatory Short-term internship from 07th August, 2023 to 06th October
2023 in Sri Subramanyeswara Polymers, Unit II, Koilkuntla under the Faculty
Guide ship of Sri A. Krishna Dasu, Lecturer, Department of Physics, SVB
Government Degree College, Koilkuntla.

Y. Meenan
(Signature and Date)
06/10/2023

Official Certificate

This is to certify that Yeddu. Meenan of II B.Sc.,
M.P.Cs., Register No. 21360041014 has completed his/her Short-term
Internship at Sri Subramanyeswara Polymers, Unit II, Koilkuntla on Innovative
Printing and Labelling solution for polymer cement bags under my supervision as a
part of partial fulfilment of the requirement for the Degree of Bachelor of Science
in the department of Physics, S.V.B. Government Degree college, Koilkuntla.

This is accepted for evaluation.

(Signature with date and seal)



06/10/2023

Endorsements

Faculty Guided

Head of the Department

Principal

PRINCIPAL
S.V.B. GOVT DEGREE COLLEGE
KOILKUNTLA, NANDYAL (Dt.)

Certificate from the intern Organization

This is to certify that Yeddu. Meenan, Register
No. 21360041014 of S.V.B. Government Degree college, Koilkuntla
underwent internship in Sri Subramanyeswar Polymers, Unit II, Koilkuntla from
07-08-2023 to 06-10-2023. The overall performance of the intern during his/her
internship is found to be Satisfactory (Satisfactory/ Not Satisfactory).

(Authorized Signatory with Date and Seal)



06/10/2023

Acknowledgements

First I would like to thank Sri Subramnyeswara Polymers, Unit II, Koilkuntla-518134 for giving me the opportunity to do an internship within the organization.

I would also like to thank all the people that supported and suggested me with their patience and openness they created an enjoyable working environment.

It is indeed with a great sense of pleasure and immense sense of gratitude that I acknowledge the help of these individuals.

I am highly indebted to Principal Dr. H. Rama Subba Reddy garu, for the facilities provided to accomplish this internship.

I would like to thank my Head of the Department Sri A. Krishna Dasu garu, for his constructive criticism throughout my internship.

I would like to thank Sri U. Venkateswara Reddy garu, College Internship Co-ordinator and Sri A. Krishna Dasu garu Internship Mentor, Department of Physics for their support and advice to get and complete the internship in above said organization.

I am extremely grateful to my department staff members and friends who helped me in the successful completion of this internship.

Name : Y. Meenam

Regd. No. : 21360041014

Contents

Submitting the report of internship on manufacturing of polymer bag.

Internship done at "SRĪ SUBRAMANYESWARA POLYMERS" koilkuntla (518134). The internship assigned for 6 weeks and complete it in time.

Following are the requirements for making cement bags

Raw material of plastic bag

Miller

Omega

Piller

Plastic gravels

Machinery:-

- * Converting granuels to thread by melting
- * The threadx can roll into bobbin by the help of winder machine.
- * Meachinery to make sheets by the threads from bobbin. The sheets can placed as roller.
- * The plastic rollers are kept into a printing machine to print the details of company.

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.

The internship period was started from

The students are allotted into the "Sri Subramanyeswara polymers", Kolkuntla

There we are observed about making of plastic bags for cement packing and what are requirements, How the processes are going on making the polymers bags in different levels

Learning Objectives:-

All students know that polymers can be designed for a purpose and name one use of a designer polymer.

Here we communicate the speaking skills with the management skills.

The students can observe and analyse the outcomes.

Most students can describe the major method of recycling polymers.

In our project we are going to introduce you with some of polymers being used daily.

Learning Outcomes:-

The polymers industry we have to do with knowledge and mental skills are gained. Student will read and analyze seminar works of manufacture the bag.

A detailed description of what a student must be able to do not at the conclusion of a course.

Intern organisation and summary of all activities done by the intern during the period

We are observed the Intern organisation by converting granules to thread by melting by the machine.

- * The threads can roll into a bobbin of a metallic rod.
- * The threads can roll into a bobbin of a metallic plastic bags by using of wheel war.
- * After preparation of plastic bag can roll in to a sheets.
- * The sheet can place in to printing machine to print the company names and terms.
- * The bags are send to a specific companies.

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:-

Sri Subramanyeswara polymers (SSP) incorporated in 2007, is a partnership firm engaged in the manufacturing of HDPE/PP woven sacks. The processing unit with current installed capacity of 7560 per annum is located at Kailkuntla in Nandyal district of Andhra Pradesh. SSP manufactures polypropylene (PP) bags which are product in the process of making bags. Performance of the organization in terms of form over profits market reach and market value.

As per audited financials for FY 2015, SSC reported an operating income of RS. 58.20 crore of operating income with profit after tax of RS. 0.43 crore in FY 2014, <http://www.ie.rain> > show Potential Report. SSP. ICRA limited

Vission, values and missing of organisation

We aim to be the leading provider of innovative PP bage that meet and exceed our customers expectation. Every single day meet "Sri Subramanyeswara polymers, strives to maintain a position of the key ingrediants to their sucess. we strive to achive excellence in all accepts of our operation, and promoting suxtainability.

Policy of the organization in relation to the intern role:-

The organization can discuss progress and engage in disscussion of topics relevant to the operation and any additional responsibilites which are mutually agreed upon by the students and sits supervisor.

Rules and responsibilities of the employeres in which the intern is placed.

The work for a select amount of time depart-ments and locations to better understand what the staff to administrative assistance to tacking in dept projects with fellow interns.

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.

Intern assist the company with tasks set out by various teams. Such as research, data capturing and working closely with different team members to learn more about the organization.

At the working conditions interns must treat the internship very seriously as you would with any other important career opportunity or class. Attendance punctuality, dependability good, Judgementt. and maintaining a high Quality of work.

In weekly work schedule, we include an acknowledgment section, provide organization background information give details of our work responsibilities during the internship.

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	visited the factory and Introduced our self with the manager	Learn how to Communicate.	
Day - 2	Manager explained about the company and process of the manufacturing bags.	Observing the process of manufacturing bags.	
Day - 3	Observed all the machines to know the working of the machine.	know the working of remaining machines.	
Day - 4	We observed functionality of remaining machines.	We can learn about the way of working of machinar.	
Day - 5	Communicate with workess discuss about the way of working.	Communicate with workers about machinari-es.	
Day - 6	Communicate with workers discuss about the way of working process.	Know the working of remaining machines.	

WEEKLY REPORT

WEEK - 1 (From Dt. ~~07-08-23~~ to Dt. ~~12-08-23~~)

Objective of the Activity Done:

Visited the factory knows all the process of machinery.

Detailed Report:

All the students of Internship visited the Sri Subramanyeswara polymers factory and requested permission with the manager to complete our internship in that factory by support of employees of the factory.

Manager occupied and give permission to complete our intership in the factory with their Co-operation.

Observed all the machinaries to know the functionality of the every machine contacted with the workess of the factory to know the process of the manufacturing cement bags and they have explained clearly.

ACTIVITY LOG FOR THE SECOND WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	We have aluted to observe making of PP fabric sheets by melting plastic granuels.	making of fabric sheets from granuals.	
Day - 2	*Making of fabric sheets cutting fabric sheets into yarn farming devices. *Converting plastic sheets into yarn ribbons.	Converting plastic sheet into yarn ribbons.	
Day - 3	Cutting fabric sheets into yarn farming device.	Converting plastic sheet into yarn ribbons.	
Day - 4	Converting plastic sheets in to yarn ribbons.	Converting plastic sheet into yarn ribbons.	
Day - 5	Making of PP fabric sheets the granuels are taken by the vaccume machine.	Converting plastic sheets into yarn ribbons.	
Day - 6	The granuals can melt and form as fabric sheets in the high temperature	Converting plastic sheet into yarn ribbons.	

WEEKLY REPORT

WEEK - 2 (From Dt. 14-08-23 to Dt. 19-08-23)

Objective of the Activity Done:

Cutting sheets into yarn.

Detailed Report:

The screw extrudes the liquid plastics in to the Roll. must with adjustable length and thickness as required and plastic film is formed through the forming cooling waterpath.

Then the film enters to the cutter shaft to slit into the required width, the yarn goes through a heater to be stabilize and then put to the winding.

In the process of creating yarn, the fibre waste of creating yarn the fibre waste of the plastic film are recovered by suction, cut into small pieces and returned to the extruder.

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	The PP fabric sheet can move into cooling waterpath.	We can observe move into cooling waterpath which in fabric sheets.	
Day - 2	The sheet can cut in to required width to form threads.	We learn the cutting sheet into threads by blades.	
Day - 3	The cotted threads can roll the machine to reach a robbin place.	We see the threads the to read the bobbin place.	
Day - 4	By making of fabric sheets the waste fibre is comes out.	observing that the waste fibre in comes out after making PP sheet.	
Day - 5	The waste fibre can blow the blowes pipe.	After the waste fiber it can blow by the blower pipe.	
Day - 6	Through the blower pipe it can store a superate room to rycle it.	We observed their the waste can store sepe-rate for re-use.	

WEEKLY REPORT

WEEK - 3 (From Dt. 21.02.23.. to Dt 26.02.23)-23

Objective of the Activity Done:

Observed materials used to make bags.

Detailed Report:

Depending on the differences purpose of use, cement bag manufacturing can create, it from different materials. But the most common cement packing bag materials is poly propenes plastic.

Most of the cement bags currently on the market are made from polypropene plastic

Following are the materials to make the plastic cement bags.

* Millor

* Vomega

* Poly properline

Make of PP yarn plastic granuals are loaded into the tlopees of the yarn farming devices, by the suction machine put into the xtrudes and heated to melt.

ACTIVITY LOG FOR THE FOURTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	The cutting threads can roll in to bobbins.	We learn the threads can roll into bobbins.	
Day - 2	The rolls can spread by winding machine.	We observed that how to winding the bobbins.	
Day - 3	The windes can make a bobbins.	The bobbins can make by the help of winder.	
Day - 4	The bobbins are placed in an single row nearly 264 bobbins.	We observed that the bobbins are rolled 264 row in a single stand.	
Day - 5	The bobbins can roll the threads.	We learn the threads to roll the bobbins.	
Day - 6	The rolled bobbins can place into further process.	The bobbins can place into next process.	

WEEKLY REPORT

WEEK - 4 (From Dt ~~28-08-23~~ to Dt ~~02-09-23~~)

Objective of the Activity Done:

The cutting threads are rolled into bobbins.

Detailed Report:

The cutting threads are rolled in to bobbins by using winding machine.

All the bobbins are placed into learning stand to make the sheet which is connected to the starting machine.

Sheets are rolled as required measurement and that sheets can roll in the shuttle. Circular loom.

The bobbins can placed for further looming process.

ACTIVITY LOG FOR THE FIFTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	The bobbins can place by loomstand.	We observed that the bobbins can place by loom stand.	
Day - 2	Loom stand can connected to compalitor.	We see the loom stand it can connected to compacitor.	
Day - 3	From these we can see the wheel war to weave the threads.	We have to learn that the weving of threads by when war.	
Day - 4	The fabric sheet can roll by take po rolles.	The fabric sheet can made by weaved threads.	
Day - 5	The weaved threads can make fabric sheet.	We observed the sheet can roll by rolles.	
Day - 6	After that it placed the sperate by rolles.	We learn the rolles can placed by seperately.	

WEEKLY REPORT

WEEK - 5 (From Dt. 04.09.23 to Dt 9.09.23)

Objective of the Activity Done:

Yarn rolls are put into circular loom to weave into fabric tube.

Detailed Report:

The PP yarn rolls are put into the circular loom to weave into PP fabric tubes, to the PP fabric winding machine.

The PP fabric roll is instanced by the for klipt truck on the film coating machine, the PP fabric sheet is coated with a thickness of 30 PP plastic to increase the band of moisture proof fabric, roll of PP fabric coated and roll.

ACTIVITY LOG FOR THE SIXTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Printing Company names on bags	learned how to print details on the bag.	
Day - 2	Counting the loaming weaving machine.	Learned how to print details on the bag.	
Day - 3	Making the different company names for printing.	learned how the cutting machine works.	
Day - 4	The rolls are placed for rolling stand.	Learned how the cutting machine works.	
Day - 5	The products of company details are printing front and back.	Stitching of bags using machine.	
Day - 6	Rolls are Gc-loops previous roll.	Stitching of bags using machine.	

WEEKLY REPORT

WEEK - 6 (From Dt. 11.09.23 to Dt. 16.09.23)

Objective of the Activity Done:

Printing on the bags.

Detailed Report:

In this factory the manufacturing bags are nearly 100 machine are their and the required output print the different cement company names. The printing machines are available in their factory.

After compliting loaming process the rolls are connected to the it prints. The details of the products and company print.

Machine in printed sheets can re-loop as a rolls and now these rolls are ready to make a cement bag.

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.)

While doing our Internship we have experienced so many things.

- * If we great experience to me while Internsting with the employees of the industry I have learned a lot of new things about Industry environment and nature of work Indifferent levels of manufacturing process.
- * The industry provide us good oppertunity by facility to learn the manufacturing of bags indifferent levels and allowed us to story in the industry from 10:00 Am to 5:00 pm during working days.
- * They were explained the duties and responsi- bilities of the employees like manager, Asst manager, HR, Supervisor clerk and machine operators
- * Each and every employee of the industry doing their job as per the industry Protocols like duns, timings.

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

In our internship we have acquired lot of technical skills mentioned below:

* Time management.

* Functionality of the machines in different levels.

1. Mixing and melting the raw material to make the fabric sheet.

2. Fabric sheet cutting machine to make the yarn.

3. How work with loaming machine to make yarn road.

4. Functionality of the weaving machine to prearnno the sheets by weaving the yarn.

5. Learned technical features of stitching and cutting machine.

6. Observed and proceed on the printing machine to print the details of products on the cement bags.

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.

Leadership:-

Leadership skills are bag to success full management being on effective leader means guiding team to achieve the company's objectives and contributing to a pasctive productive work environment.

Project management:-

Project management is the process of leading and organizing a team to complete a project within a specific time frame.

Communication:-

Being able to communicate effectively and efficiently across diverse teams through vesbal and written exchanges, its a very management skill.

Planning:-

Managers are required to think ahead to ensure the current activities and projects align with overall business goals planning ahead and taking the extractive to brainstorm plans for the future.

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.,)

Oral communication:-

I learned oral communication skills in the industry while doing internship sharing knowledge and discuss with team members and communicate with industry employees.

Written communication:-

I have learned written skills with the experience of writing reports of the every day activity and logs.

Understanding skills:-

Understanding skills is proficiency developed through training or experience. A skill is a thing you can do it is basis of 'I' can do' statement and it is demonstrated and assessed easily in formal learning.

Extempore Skills:-

- * Topic knowledge is not necessary but the way you approach it matters.
- * Think first then speak.
- * Remain calm and compose.

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

In group discussion I was enhanced my skills to participate in group discussion how to behave and contribute in group about the topic.

How much importance must be given to the group objective as well as my opinion listen to view points of others and how openly I need to express my thoughts.

The aspect which make up a group discussion verbal communication and non-verbal communication.

While participating in group discussion with team, we should be aware of the topic which is discussing at the time.

Required skills for GD:-

Communication skills

Interpersonal skills

Leadership skills

Presentation skills

Team building skills.

Student Self Evaluation of the Short-Term Internship

Student Name: Y. Meenan

Registration No: 21360041014

Term of Internship:

From: 07-08-23

To: 06-10-23

Date of Evaluation:

Organization Name & Address: Sri Subramaneswara polymers

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: 06/10/2023

Y. Meenan
Signature of the Student

Evaluation by the Supervisor of the Intern Organization

Student Name: Y. Meenan

Registration No: 21360041014

Term of Internship: From: 07-08-2023 To: 06-10-2023

Date of Evaluation:

Organization Name & Address: Sri Subramaneswara Polymers

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

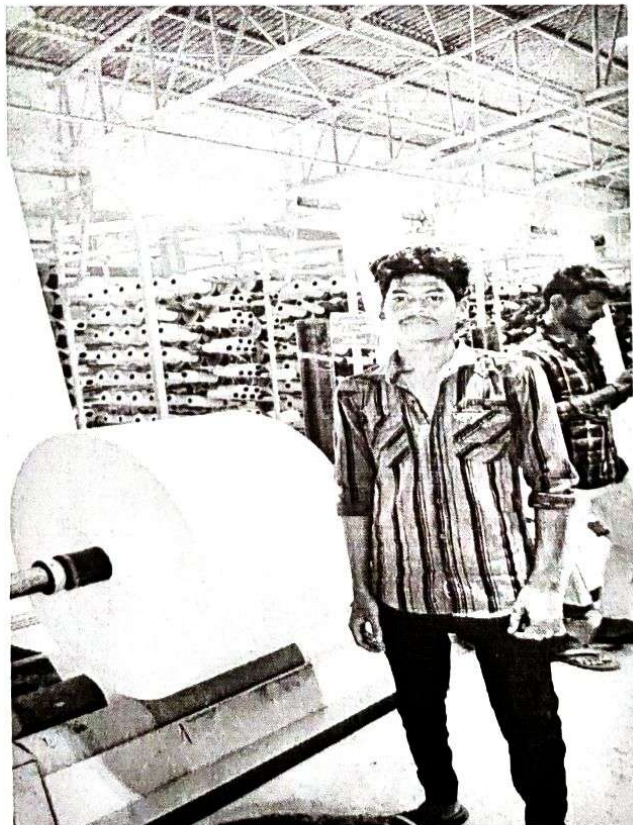
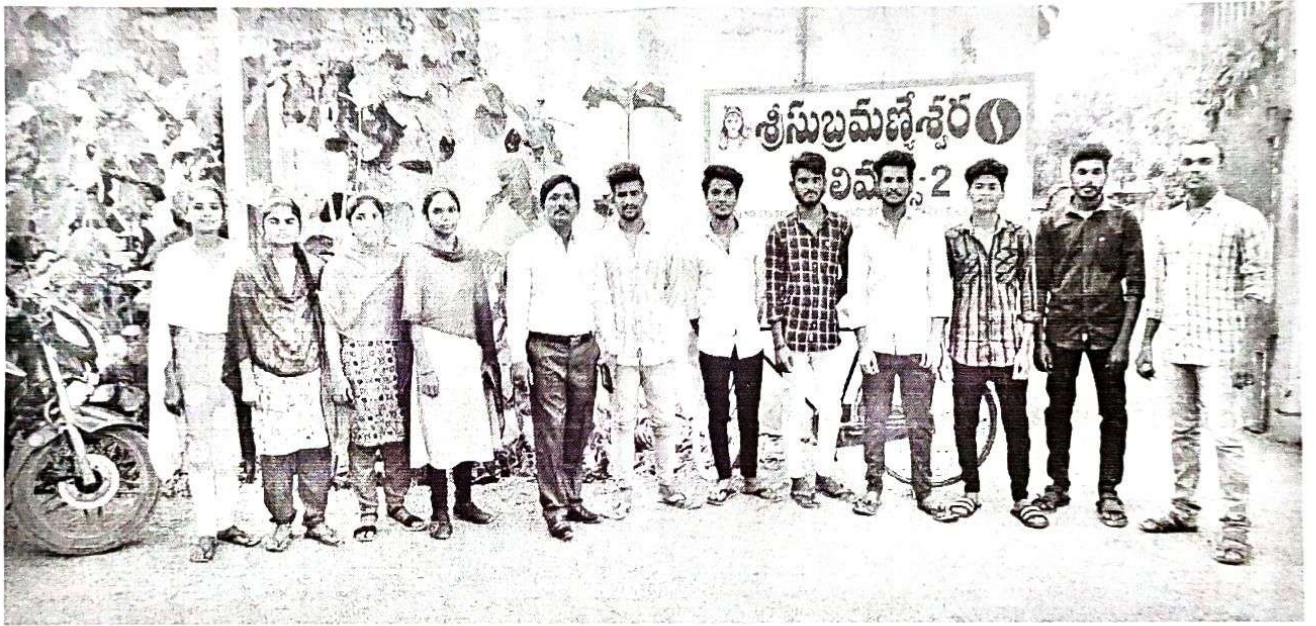
Rating Scale: 1 is lowest and 5 is highest rank

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: 06/10/2023

Signature of the Supervisor





EVALUATION

MARKS STATEMENT
(To be used by the examiner)

INTERNAL ASSESSMENT STATEMENT

Name of the Student: Yeddu . Meenam

Programme of Study: B.Sc

Year of Study: 2022- 2023

Group: MPSC

Register No/H.T. No: 21360041014

Name of the College/University: S.V.B. Govt. Degree college
Rayalaseema University.

Sl.No	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Activity Log	25	22
2.	Internship Evaluation	50	43
3.	Oral Presentation	25	21
	GRAND TOTAL	100	86

Date: 07/10/2023


Signature of the Faculty Guide

Certified by

Date: 07/10/2023


Signature of the Head of the Department/Principal
PRINCIPAL
Seal: S.V.B. GOVT DEGREE COLLEGE
KOILKUNTLA, NANDYAL (Dt.)



ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

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