

Model Program Book



SHORT TERM INTERNSHIP (On-Site/Virtual)

Designed & Developed by



PROGRAM BOOK FOR

SHORT-TERM INTERNSHIP

(Onsite/Virtual)

Name of the Student

: G. Sarath Sarnath Reddy.

Name of the College

: SVB Govt. Degree College, Koilkuntla.

Registration Number

: 21360041007.

Period of Internship

: From: 07-08-2023 To: 06-10-2023

Name and Address of
the Intern Organization

: Sri Subramanyeswara Polymers, Koilkuntla.

Rayalaseema 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 : G. Sarath Sainath Reddy
Reg.No: 21360041007.

SVB GOVT. DEGREE COLLEGE
KOILKUNTALA

Student's Declaration

I, G. Sarath Sainath Reddy. a student of
B.Sc., M.P.Cs., Program, Reg.No. 21360041007. 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.

G. sarath sainath Reddy
(Signature and Date)
6/10/23

Official Certificate

This is to certify that G. Sarath Sainath Reddy of II B.Sc.,
M.P.Cs., Register No. 21360041007, 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)

6/10/23

Endorsements

Faculty Guided

Head of the Department

Principal

PRINCIPAL

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

Certificate from the intern Organization

This is to certify that G. Sarath Sainath Reddy, Register No. 21360041007 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)

6/10/23

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 : G. Sarath sainath Reddy

Regd. No. : 21360041007

Contents

Submitting the report of Internship on
of polymer Bag.

Internship done at SRI SUBRAMANESWARA
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 granules.

Machinery :-

- * Converting granules to thread by Melting.
- * The threads can roll into bobbin by the help of
winder Machine.
- * Machinery to make sheets by threads from bobbin.
- * To operate all machine we need man power.

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 07-08-2023 to 6-10-2023. The students are all fed into the Sri Subramaneswara polymers, koilkuntla.

There we are observed about making of plastic bags for cement packing and what are requirements, how the process are going on making the polymer bags in different levels.

Learning Objectives:-

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

Here we communicate the speaking skills with the management skill.

The student can observe and analyse the outcomes. Most students can describe the major methods of recycling polymers. In our project we are going to introduce you with some of polymers, being used daily.

Learning Outcomes:-

The polymer industry we have to do with knowledge and mental skills are gained student will read and analyzed seminar works of manufacture the bags. A detailed description of what a student must be able to do 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 organization by converting granules to thread by the machine. The threads can roll into a bobbin of a metallic rod. The bobbin are placed in the winder can make a plastic bags by using of wheel war. After preparation of plastic bags can roll into a sheets.

The sheets can place into a printing machine to print the company names and terms. Then we observed that printed sheets can stitching a machine for final use. The bags are send to a specify company's.

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 Subramaneswara Polymers [ssp] is incorporated in 2007, is a partnership firm engaged in the manufacturing of HPPT/PP woven sacks. The processing unit with current installed Capacity of 7560 MT per annum is located at Koilkuntla in Nandya Dist. of Andhra Pradesh, ssp manufacturing poly propylene (PP) bags which are majority used for packing cement and food grains. It also sells fabric sheets which is an interweaving product in the process of bags.

Performance of the organization in terms of turnover profit, market reach and market value:-

As per audited financials for FY 2015, ssp reported an operating income of Rs. 58.20 crore with profit after tax of 0.49 crore in FY 2014.

<http://www.icra.in> show Rating Report. ssp-ICRA Limited.

vision, values and mission of organisation:-

We aim to be the leading provider of innovative PP bags that meet and exceed our customers' expectations. Every single day, SSP strives to maintain a position of the key ingredients to their success.

Our mission is to provide customized Polymers that meet the unique needs of our clients in various industries. We strive to achieve excellence in all aspects of our operations and promoting sustainability.

Policy of the organization, in relation to the Interns:-

The organization in discuss progress and engage in discussion of topics relevant to the operation and perspective of the organization and functional area as well. Carry out Established activities and any additional responsibility which are mutually agreed upon by the students and site supervisor.

Roles and Responsibility of the Employees in which the intern is placed:-

They work for a select amount of the time in departments and locations to better understand what the job entails, Depending upon their placement and program they perform various tasks. To taking in-dept projects with follow 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 assists the Company with tasks set out by various terms. 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, good Judgement and maintaining a high quality of work.

In weekly work schedule, we include on a knowledge section, provide organization background information, give details of our work Responsibility during the internship. The equipment used in an organization was many several machines like Blowing machine, melting and cutting machine, Rollers, Compactor and wheel war, printing Machine which are printed Company names, stitching machine which is final out put of poly bags, and last the Compressing machine can used to pack the bags.

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 machineries to know the working of the machine.	know the working of machine.	
Day - 4	we observed functionality of remaining machines.	know the working of remaining machines.	
Day - 5	Communicate with workers discuss about the way of working.	we can learn about the way of working of machineries	
Day - 6	Communicate with workers discuss about the way of process.	Communicate with workers about machineries.	

WEEKLY REPORT

WEEK - 1 (From Dt 07-08-23 to Dt 14-08-23)

Objective of the Activity Done:

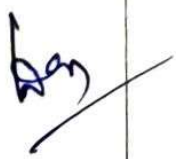
Visited the factory & knows all the process of Machinery.

Detailed Report:

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

manager accepted and give permission to complete our internship in the factory with their cooperation observed all the Machineries to know the functionality of the every machine. Contacted with the workers 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	The pp fabric sheet can move in to cooling water path.	we observe can move into cooling water path. which is fabric sheets.	
Day - 2	The sheet can cut in to required width to form threads.	we learn the cutting sheet in to threads by blader.	
Day - 3	The colted threads can roll the machine to reach a bobbin place.	we see the threads to read the bobbin in 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 blower pipe.	After the waste fibre it can blow by the blower pipe.	
Day - 6	Through the blower pipe it can store a separate room to recycle it.	we observed their the waste can store separate for re-use.	

WEEKLY REPORT

WEEK - 2 (From Dt 15-08-23.. to Dt 21-08-23)

Objective of the Activity Done:

Cutting Sheets into yarn.

Detailed Report:

The screw Extruders the liquid plastics to the mold mouth 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 require 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 the plastic film are recovered by section, cut into small pieces and returned by the Extruder.

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	we have altered to observe roaking of PP fabric sheets by melting plastic granuels.	Making of fabric sheets from granuels.	
Day - 2	cutting fabric sheets into yarn by using yarn farming device.	Converting plastic sheets into yarn Ribbons.	
Day - 3	cutting fabric sheets into yarn by using yarn forming device.	Converting plastic sheets into yarn Ribbons.	
Day - 4	cutting fabric sheets into yarn by using yarn forming device.	Converting plastic sheets into yarn Ribbons.	
Day - 5	cutting fabric sheets into yarn by using yarn farming device.	Converting plastic sheets into yarn Ribbons.	
Day - 6	cutting fabric sheets into yarn by using yarn farming device.	Converting plastic sheets into yarn Ribbons.	

WEEKLY REPORT

WEEK - 3 (From Dt 22.08.23. to Dt 29.08.23)

Objective of the Activity Done:

Observed Materials used to make bags.

Detailed Report:

Depending on the differences purposes of use, cement bag manufactures can create it from different materials. But the most common cement packing bag material is poly propylene, plastic. Most of the cement bags currently on the market are made from poly propylene plastic. Following are the materials to make the plastic cement bags.

Miller
omega

poly propylene.

Make of pp yarn : pp plastic granules are loaded into the hopper of the yarn spinning devices by the suction machine put into the extruder 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 bobbins can place by loom stand.	We observed that the bobbins can place by loomstand.	
Day - 2	loom stand can connected to Compacitol.	We see the loom stand it can connected to Compacitol.	
Day - 3	From these we can see the wheel war to weave the threads.	We have to learn that the weaving of threads by wheel war.	
Day - 4	The weaved threads can make fabric sheet.	The fabric sheet can made by weaved threads.	
Day - 5	The fabric sheet can roll by Talk PC roller.	We observed the sheet can roll by roller.	
Day - 6	After that it's placed the separated by roller.	We learn the roller can placed by separately.	

WEEKLY REPORT

WEEK - 4 (From Dt. 30.12.23 to Dt. 6.1.24)

Objective of the Activity Done:

Yarn rolls are put into circular loom to weave into fabric sheet tubes.

Detailed Report:

The PP yarn are put into the shuttle circular loom to weave into PP fabric tubes to the PP fabric winding machine. The PP fabric roll is installed by the forklift truck on the film coating machine, the PP fabric sheet is coated with a thickness of 30 PP plastic to increase the bond of moisture proof fabric roll of PP fabric coated and roll.

ACTIVITY LOG FOR THE FIFTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	The cutting threads can roll into bobbins.	we learn the threads can roll into bobbins.	
Day - 2	The rollers can spread by winding machine.	we observed that how to avoid the bobbins.	
Day - 3	The winder 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 in 264. rows 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 - 5 (From Dt. 7.9.23 to Dt. 14.9.23)

Objective of the Activity Done:

The cutting threads are rolled into bobbins.

Detailed Report:

The cutting threads are rolled into bobbins by the using winding Machine. All the bobbins are placed into looming stand to make the sheet which is connected to the starting Machine. Sheets are rolled as required Measurement and that sheet can roll into the shuttle circular loom.

ACTIVITY LOG FOR THE SIXTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	printing process of the details of product and company on the plastic sheet.	Learn how to print details on the Bags.	
Day - 2	printing process of the details of product and Company on the plastic sheet.	learned how to print details on the Bags.	
Day - 3	cutting sheets into required length and width of the bag.	Learned how the cutting machine works.	
Day - 4	cutting sheets into required length and width of the Bag.	Learned how the cutting machine works.	
Day - 5	After cutting of sheets stitching of Bags.	stitching of Bags using Machine.	
Day - 6	After cutting of sheets stitching of Bags.	stitching of Bags using Machine.	

WEEKLY REPORT

WEEK - 6 (From Dt 21.09.23 to Dt 28.09.23)

Objective of the Activity Done:

Observed and learn things.

Detailed Report:

After the printing process on the first day of the week all the batch students are attended at the company to observe and learn things. After the printing process. After completion of the printing the rolls of the sheets will be connected to cutting machine to cut the sheets as required length and width.

After cutting the sheets the machine will send that sheets to stitch that sheet to make the bags for that bags while stitching the bags opened at one side. To fill the last step of making the cement bags.

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 during our internship we have experienced so many things.

* It was great experience to me, while interacting with the employees of the industry. I have learned a lot of new things about industry environment and nature of work in different levels of manufacturing process.

* Each and Every Employee of the industry doing their job as per the industry protocols like duty things.

* All the staff are doing their work together in friendly manner and also supported us well while doing our internship.

* They were explained the duties and responsibility of the employees like manager, Asst Manager, HR, supervisor, clerk and Machine operators.

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.
- * mixing and melting the raw material to make the fabric sheet.
- * Fabric sheet cutting machine to make the yarn.
- * How work with looming machine to make yarn rolls.
- * Functionality of the weaving machine to prepare the sheets by weaving the yarn.
- * Learned technical features of stitching and cutting machine.
- * observed and particed on the printing machine to print the details of product 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 key to successful management. Being an effective leader means guiding a team. To achieve the company's objectives and contributing to a positive, productive work environment.

Project Management :-

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

Communication :-

Being able to communicate effectively and efficiently across diverse teams, through a verbal and written exchanges is a key management skill.

Planning :-

Managers are required to think ahead to ensure that current activities and projects align with overall business goals. Planning ahead and taking the initiative 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 skill 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:-

* 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 Enhance my Skills to participate in group discussion, how to behave and Contribute in group about the topic.

How much importance need to give to the group objective as well as my opinion listen to view points of others and how openly listen to view 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 discussion 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: G. Sarath Sainath Reddy Registration No: 21360041007

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: 6/10/23

G. Sarath Sainath Reddy.
Signature of the Student

Evaluation by the Supervisor of the Intern Organization

Student Name: G. Sarath Sainath Reddy Registration No: 21260041007

Term of Internship: From: To:

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: 6/10/23


Signature of the Supervisor



EVALUATION

MARKS STATEMENT
(To be used by the examiner)

INTERNAL ASSESSMENT STATEMENT

Name of the Student: Guddeti. Sarath Sainath Reddy

Programme of Study: B.Sc

Year of Study: 2022-2023

Group: MPCA

Register No/H.T. No: 21360041007

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	20
2.	Internship Evaluation	50	40
3.	Oral Presentation	25	21
	GRAND TOTAL	100	81

Date: 7/10/23


Signature of the Faculty Guide

Certified by

Date: 7/10/23


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



ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

(A Statutory Body of the Government of Andhra Pradesh)

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