

Model Program Book



SHORT TERM INTERNSHIP (On-Site/Virtual)

Designed & Developed by



PROGRAM BOOK FOR

SHORT-TERM INTERNSHIP

(Onsite/Virtual)

Name of the Student : D. Kayimulla

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

Registration Number : 21360041003

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 : D. Karimulla

Reg.No: 21360041003

SVB GOVT. DEGREE COLLEGE
KOILKUNTALA

Student's Declaration

I, D. Karimulla a student of
B.Sc., M.P.Cs., Program, Reg.No. 21360041003 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.

D. Karimulla
(Signature and Date)

06/10/2023

Official Certificate

This is to certify that D. Kayimulla of II B.Sc.,
M.P.Cs., Register No. 21360041003 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 D. Kayimulla, Register
No. 21360041003 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 : D. Karimulla

Regd. No. : 21360041003

Contents

Submitting the Report of internship on manufacturing of polymers bags.

Internship done at Sri SOBHAMANESWARA POLYMERS, KOLLIKUNTA (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 the threads from bobbin the sheet can placed as a roller

- * The plastic rollers are kept into a printing machine to print the details of company

- * The sheets can cut into required length and strike into from a compress machine

- * 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 06-10-2023. The students are allotted into the Sr. Subramaneswarar polymers, Kollankunzla.

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 one use of a designer polymers,

Here we communicate the speaking skills with the management skill

The students can observe and analyse the outcomes most student can observe and analyse 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 Polymers industry we have to do with knowledge and mental skills, are gained student will read and analyze 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 organization and summary of all activities done by the intern during the period.

we are observed the Intern organization by converting granules to thread by melting by the machine,

- * The Threads can roll into a bobbin of a metallic plastic
- * The bobbin are placed in the winder can make a plastic bags by using of wheel war
- * After preparation of plastic bag can roll in to a sheets
- * The sheets can place into printing machine to print the company names and terms.
- * Then we observed that printed sheets can stricking a machine for final use.
- * The bags are send to a specify company.

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.

Introduction of the organization:-

Sri Subramaneswara Polymers (SSP) incorporated in 2007 is a partnership firm engaged in the manufacturing of HPP/PP woven sacks. The processing unit with current installed capacity of 7560 MT per annum is located at Kalkunda in Nalland district of Andhra Pradesh. SSP manufacturing polypropylene (PP) bags which are majority used for packing cement and food grains. It also gets fabric sheets which is an intermedding product in the process of making bags.

Performance of The organization in terms of turnover, profit, market reach and market value

As per audited financials for 2015, SSP reported an operating income of RS. 5820 crore with profit after tax of RS. 0.49 crore as against RS. 44.41 crore RS. 0.43 crore in FY 2014

<https://www.iera.in> > show

Vission, values and mission of organization

we aim to be the leading provider of innovative PP bags that meet and exceed our customers expectations. Every single day, Sri Subramanyeswara polymers, strives to maintain a position of 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 internrole:

The organization can 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 responsibilities of the employees in which the intern is placed

They work for a select amount of the time in departments and locations to better to understand what the job entails depending upon their placement and program their perform various tasks, from shadowing staffs to administrative assistance, 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.

Interns 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 judgement, and maintaining a high quality of work.

In weekly work schedule, we include on a knowledge management section, provide organization background information, give details of our work responsibilities during the Internship.

The equipment used in an organization was many several machines like blowing machine, melting and cutting machine, rollers, compactor and wheel bar, printing machine which are printed company names, stitching machine which is final output 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 machinaries to know the working of the machine	Know the working of the 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 machinery	
Day - 6	communicate with workers discuss about the way of working process	communicate with workers about machinaries	

WEEKLY REPORT

WEEK - 1 (From Dt 07.08.23 to Dt 13.08.23)

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 machines to know the functionality of the every machine connected with the working 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 started to observe making of PP fabric sheets by melting plastic granules.	making of fabric sheets from granules	
Day - 2	cutting fabric sheets into yarn by using yarn farming device	converting plastic sheet into yarn ribbons	
Day - 3	cutting fabric sheets into yarn by using yarn farming device	converting plastic sheet into yarn ribbon.	
Day - 4	cutting fabric sheets into yarn by using yarn farming device	converting plastic sheet into yarn ribbon	
Day - 5	cutting fabric sheets into yarn by using yarn farming device	converting plastic sheet into yarn ribbon.	
Day - 6	cutting fabric sheets into yarn by using yarn farming device	converting plastic sheet into yarn ribbon.	

WEEKLY REPORT

WEEK - 2 (From Dt 21.12.23 to Dt 28.12.23)

Objective of the Activity Done:

observed materials used to make bags

Detailed Report:

Depending on the differences purposes of use, cement bag manufacturers can create it from different materials but the most common cement packing bag material is polypropylene, plastic

most of the cement bags currently on the market are made from polypropylene plastic

Following are the materials to make the plastic cement bags.

- * miller
- * omega
- * polypropylene

make of PP yarn! PP plastic granules are loaded into the hopper of the yarn forming devices by the suction machine put into the extruder and heated to melt

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 water path	we observe can move into cooling water path which in fabric sheets	
Day - 2	The sheet can cut into required width to form threads	we learn the cutting sheet into threads by blades	
Day - 3	The coiled threads can roll the machine to reach a bobbin place	we see the threads to reach 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 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 that the waste can store separately for re-use	

WEEKLY REPORT

WEEK - 3 (From Dt. 4-9-23 to Dt. 11-9-23)

Objective of the Activity Done:

cutting sheets into yarn

Detailed Report:

The ~~screw~~ extruder extrudes the liquid plastics to the mold mouth with adjustable length and thickness as required and plastic film is formed through the forming cooling water bath.

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 suction, cut into small pieces, and returned to the extruder.

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 into bobbing	we learn the threads can roll into bobbing.	
Day - 2	The rollers can spread by winding machine	we observed that how to winding the bobbing	
Day - 3	The winder can make a bobbing	The bobbing can make by the help of winder	
Day - 4	The bobbing are placed in an single row nearly 264 bobbing	we observed that the bobbing are rolled 264 row in a single stand	
Day - 5	The bobbing can roll The threads	we learn the threads to roll the bobbing	
Day - 6	The rolled bobbing can place into further process.	The bobbing can place into next process.	

WEEKLY REPORT

WEEK - 4 (From Dt. ~~2-9-23~~ to Dt. ~~19-9-23~~)

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 looming stand to make the sheet which is connected to the starting machine

Sheets are rolled as required measurement and that sheet can roll in to the shuttle circular loom.

ACTIVITY LOG FOR THE FIFTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	The bobbing can place by loom stand	we observed that the bobbing can place by loom stand	
Day - 2	loom stand can connected to compactor	we see the loom stand it can connected to compactor	
Day - 3	From these we can see the wheel way to weave the threads	we have to learn that the weaving of threads by whe. way	
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 Tak PO roller	we observed the sheet can roll by roller	
Day - 6	After that it's placed the sepearte by roller	we learn the roller can placed by sepearatly.	

WEEKLY REPORT

WEEK - 5 (From Dt. 20.09.23. to Dt. 26.09.23)

Objective of the Activity Done:

Yarn rolls are put into circular

Detailed Report:

Loom to weave into fabric tubes the PP yarn are put into the subtle 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 coating with a thickness of 30 PP 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	we have to observe that the names can print on bags	
Day - 2	counting the looms/weaving machine	we have observed there are 100 of weaving machine	
Day - 3	making the different company names for printing	we learn about different company for printing on bags	
Day - 4	The rolls are placed for rolling stand	we can see the placement of rolls in rolling stand	
Day - 5	The produces of company details are printing front and back.	we observed that the print can make front back of detailed company	
Day - 6	Rolls are re-loop as previous roll	After printing the sheets can re-loop as previous roll.	

WEEKLY REPORT

WEEK - 6 (From Dt. 29.9.23 to Dt. 06.10.23)

Objective of the Activity Done:

printing on the bags

Detailed Report:

In this factory the manufacturing bags are nearly 100 machine are there and the required output print the different cement company names there are 2 big printing machine

After completing loom process the rolls are connected to the it prints the details of the products and company print machine

printed sheets can re-loop as a rolls and now these rolls are ready to make a 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 doing 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 working. Different levels of manufacturing process,
- * The industry provided us good opportunity by facilitating to learn the manufacturing of bags in different levels and allowed us to stay at the industry from 10:00 AM to 5:00 PM during working days.
- * They were explained the duties and responsibilities 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 duty timings.
- * All the staff are doing their work together in friendly manner and also supported us well while doing our Internship.

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 coiling machine to make the yarn.
 3. How work with loaming machine to make yarn rolls
 4. functionality of the weaving machine to prepare the sheets by weaving the yarn
 5. learned technical features of stitching and cutting machine.
 6. observed and practiced 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 so successful management being an effective leader means guiding a team to achieve the company's objectives and contributing to a positive

Project management:-

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

communication:-

Being able to communicate effectively and efficiently across diverse team, through verbal and written exchanges, is a key 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 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 experiences 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' statements and it is demonstrated.

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 not to give to the group objective as well as my opinion listen to viewpoints of others and how openly I need to express my thoughts.

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.

Describe the technological developments you have observed and relevant to the subject area of training (focus on digital technologies relevant to your job role)

Some of the latest advancement in digital printing.

High-speed printing: many digital printing systems can now print speeds that are comparable to traditional offset printing systems, making them suitable for high-volume printing applications.

Variable data printing: digital printing allows businesses to produce customized products on demand, using variable data printing techniques to personalize each item with unique text, images, or other content.

3D printing: some digital printing systems can produce 3D printed objects, allowing businesses to produce customized products in a variety of shapes and sizes.

printing on non-traditional material:

Digital printing technology has made it possible to print on a wide range of variety materials, including plastics, metals, and fabrics, opening up new opportunities for businesses in various industries.

Student Self Evaluation of the Short-Term Internship

Student Name: D. Karimulla

Registration No: 2136041008

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

Date of Evaluation:

Organization Name & Address: Sri Subramanegwara 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

D. Karimulla.
Signature of the Student

Evaluation by the Supervisor of the Intern Organization

Student Name: D. KAYIMULLA

Registration No: 21360041003

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

Date of Evaluation:

Organization Name & Address: Sri Subramanyeswara poly mevg.

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: D. Karimulla

Programme of Study: B.Sc.

Year of Study: 2023-2024

Group: B.Sc (mpcg)

Register No/H.T. No: 21360041003

Name of the College: University: S.V. B Govt Degree college, Koilkuntla.
Rayalaseema university.

Sl.No	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Activity Log	25	21
2.	Internship Evaluation	50	40
3.	Oral Presentation	25	21
	GRAND TOTAL	100	82

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**
KOILKUNTALA, NANDYAL (Dt.)



ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

(A Statutory Body of the Government of Andhra Pradesh)

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