

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. Sai Kiran

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

Registration Number : 21360021006

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. Sai Kiran

Reg.No: 21360041006

SVB GOVT. DEGREE COLLEGE
KOILKUNTALA

Student's Declaration

I, G. Sai Kiran a student of
B.Sc., M.P.Cs., Program, Reg.No. 21360041006 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. Sai Kiran
(Signature and Date)

6/10/2023

Official Certificate

This is to certify that G. Sai Kiran of II B.Sc.,
M.P.Cs., Register No. 21360041006 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)

6/10/2023

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 G. Saikidan., Register
No. 21360041006 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)

6/10/2023

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 : G. Sai Kiran

Regd. No. : 213600211006

Contents

Submitting the report of internship on manufacturing of
Polymers bag

Internship done at SRI SUBRAMANYESWARA. POLYMERS
Koilakurtha (518134) the internship assigned for 15 weeks and
complete it in time

following are the requirements for making ethene bags

Raw material of plastic bag

Miller

Omega

Piller

plastic granules

Machinery

- * converting granules to thread by melting
- * the threads can be into bobbin by the help of winder.
- * machine to make sheets by the threads from the sheets
can be placed as a roller
- * the plastic rollers are kept into a painting machine to print
the details of company
- * To operate all machine we need high 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 Nov 6- 2022 to the students are visited into the Sai Subrahmanyswara polymers kkt there we can observe about making of plastic bags for cement packing and what are surroundings 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 make use of a designer polymer
- * Here we communicate the speaking skills with the management skills
- * The students can observe and analyse the our centres
- * 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 polythene industry we have to do with knowledge and mental skills are gained

Students will read and analyze technical works of manufacture the bags

A detailed description of what a student must be able to do at the conclusion of a course

Inter organization and summary of all activities done by the intern during the period

We are observed the inter in organization by converting garbels to thread by using by the machine

* The threads can roll in to a bobbin of a metallic rod.

* The bobbin are placed in the winder can make a plastic bags by using of wheel and axle.

* After preparation of plastic bags by using of wheel and axle.

* The wheels can place two printing machine to print like company names and logos

* Then we observed that printed sheets can attaching a machine for final use.

* The bags are send to a specific 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.

➤ Introduction of the organization.

Sri Subrahmanya Sreenivasulu Polymers (SSP) is incorporated in 2007 is a partnership firm engaged in the manufacturing of HPE/PP woven sacks. The processing unit with capacity of 7560 MT per annum is located at Kolluvu Nandya, district of Andhra Pradesh. SSP manufactures polypropylene (bags) which are mostly used for packing cement and food grains. It also stores fabric sheets which is an inter-broader 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 FY 2015, SSP reported an operating income of Rs. 5820 crore with profit after tax of 0.49 crore as against Rs. 2441 crore of operating income with profit after tax of Rs. 0.43 crore in FY 2014.

Vision values and mission of organization

We aim to be the leading provider of innovative products that meet and exceed our customers' expectations every single day. At Subramanyam Polymers, we strive to maintain a position as 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 so sustainability.

Policy of the organization in relation to the intern role

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.

every one established activities and any additional responsibilities which are mutually agreed upon by the student's and site supervisor.

Roles and responsibilities of the employees in which the intern placed

They work for a set amount of time in departments and locations to better understand where the job entails depending upon placement and program they perform various tasks such as shadowing staff to administrative assistance to talking 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.

Interns assist the company with tasks set out by various branches such as research data capturing and working closely with different team members to learn more about the organization.

At the working conditions, interns must take the internship very seriously as you would with any other important career opportunity. Attendance, punctuality, dependability, good judgement, 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.

The equipment used in an organization was many, several machines like blowing machine, treating, and cutting machine, rollers, compacters, and wheel - wire pulling machine which are pointed company names, stitching machine which is used to make poly bags, and last the compressing machine can be 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	we observed functionality of retaining machines	know the working of retaining machine	
Day - 4	communicate with worker's discuss about the way of working	we can learn about the way of working of machine	
Day - 5	we observed the machine to know the working of the machine	know the working of the machine	
Day - 6	communicate with worker's discuss about the way of working process.	communicate with worker about machine's	

WEEKLY REPORT

WEEK - 1 (From Dt. 07.05.23. to Dt. 14.05.23)

Objective of the Activity Done:

* visited the factory & knows all the process of machinery

Detailed Report:

All the students of internship visited the Sri Subramanyam polymers factory and requested permission with the manager to complete our internship in this factory by support of employers 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 work of the factory so know the process of the manufacturing return 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 sheet's by melting plastic granules.	making of fabric sheet's from granules	
Day - 2	cutting fabric sheet's into yarn by using yarn feeding device	converting plastic sheet into yarn, bobbins	
Day - 3	cutting fabric sheet's into yarn feeding device	observing the cutting of fabric sheet's into yarn	
Day - 4	converting plastic sheet's into yarn bobbins	we are converting plastic sheet's into yarn bobbins	
Day - 5	making of PP fabric sheet's - the granules are taken by the vacuum machine	the granules are taken by the vacuum machine	
Day - 6	the granules can melt and form as fabric sheet's into high temperature	we observe can melt granules in high compounds	

WEEKLY REPORT

WEEK - 2 (From Dt. 15.5.23... to Dt. 21.5.23)

Objective of the Activity Done:

Detailed Report:

* depending on the difference's purpose of our 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. below are the materials to make the plastic cement bags

* Mixer.

* chena

* polypropylene

make as PP yarn. PP plastic granules are collected. used happen as the yarn forming devices by the extrusion machine. pass the extruder and feed 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 pool	we observe can move into cooling water pool which is fabric sheet's	
Day - 2	the sheet's can cut into desired width to both the thread's	we learn the thread to read cutting sheet into.	
Day - 3	the cutted thread's can roll the machine to reach a bobbin place	we see thread's to read the bobbin place	
Day - 4	By making of fabric sheet's the waste fibre is come's out	observing where the waste fibre in comes out after making app	
Day - 5	the waste fiber can blow the blower pipe	after the waste fibre it can blow by blower pipe	
Day - 6	through the blower pipe if can close a separate room so recycle it	we observed then the waste can shut for re-use	

WEEKLY REPORT

WEEK - 3 (From Dt. 23-9-23.. to Dt. 30-9-23)

Objective of the Activity Done:

* cutting sheet's into yarn

Detailed Report:

=> The screw extrudes the liquid plasies so the most adjustable length and thickness as required and plastic film is formed through the forming cooling water pan

Then the film enters to the roller show to sheet into the required width the yarn goes through a heater to be stabilies and then a heater to be and then goes to the winding in the process of cooing yarn the fibre waste of the plastic film are removed by section 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 bobbins	we learn the threads can roll into bobbins	Jan
Day - 2	The axis can spaced by winding machine	we observed how the winding machine works	Jan
Day - 3	The winder can make a bobbins	The bobbins can make by the help of winder	Jan
Day - 4	The bobbins are placed in a single row nearly 264 bobbins	we observed how the bobbins are rolled 264 rows in a single stand	Jan
Day - 5	The bobbing can roll the thread	we know the threads to roll the bobbins	Jan
Day - 6	The rolled bobbins can place into a box	The bobbins can place into a box	Jan

WEEKLY REPORT

WEEK - 4 (From Dt 31.9.23. to Dt 6.9.23)

Objective of the Activity Done:

→ The coiling threads rolled into bobbins

Detailed Report:

⇒ The coiling threads are rolled into bobbins by using winding machine

→ Now the bobbins are placed into leving stand to make the steel which is connected to the starting machine

Steel's are rolled as required measurement and when steel's run roll in the sheel circular form

→ The bobbins can placed in further cleaning process.

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 bobbins can place by loom stand	San
Day - 2	loom stand can controlled so comparison	we see the loom stand it can controlled to comparison	San
Day - 3	learn that we can see wheel was to weave the threads	we have to learn that the weaving of threads by wheel was	San
Day - 4	the weaved threads can make fabric sheet	the fabrics here can made by weaved threads	San
Day - 5	the fabric sheet can roll by take position	we observed the sheet can roll by roller	San
Day - 6	after that it's placed the separated by roller	we learn the roller can placed by separately	San

WEEKLY REPORT

WEEK - 5 (From Dt 07.09.23 to Dt 14.09.23)

Objective of the Activity Done:

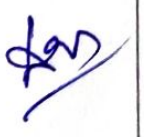
* Your rolls are put into circular loom so as to weave into fabric tubes

Detailed Report:

=> The PP your rolls are put into the circular loom so as to weave into PP fabric tubes so the PP fabric winding machine.

The PP fabric on the film coating by the for lift on the film coating machine the PP fabric sheet is coating machine the PP fabric sheet is coated with a thickness of 30 PP plastic to increase the bond as moisture proof fabric roll as 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	The pointing bags are placed separately	we observe that the bags are stored separately	
Day - 2	The pointed bags are connected to cooling machine	the pointing bags are connected to cooling machine	
Day - 3	The cubed bags are send into stitch machine	we learn the cubed bags are send into stitch machine	
Day - 4	The bag can complete stitch as one end other end is open	we observed that it was stitch as one end closed other is open	
Day - 5	The other edge is open as the corner to fill the material	the open edge can use to fill the extra material	
Day - 6	The stitching bags are placed in container	at finally the bags are placed in container	

WEEKLY REPORT

WEEK - 6 (From Dt. 15-9-23... to Dt. 22-9-23)

Objective of the Activity Done:

* observe and learn things after the painting process on last day of the six week as the batch students are attended to the company to observe and learn things

Detailed Report:

—after the painting process.

—after completion of the painting the rolls of the sheet's will be connected to cutting machine to cut the sheet's as required length and width.

—after cutting the sheet's the machine will send these sheet's to stack these sheet's to make the bags for which bags while stretching the bags open the as one side to fill the materials. this is the last step of making the retrow 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 how we work in different levels of manufacturing process.
- * the industry provide us good opportunity by deciding to learn the manufacturing as boys in different levels and allowed us to go in 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 and manager HR supervisor and machine operators.
- * each and every employee of the industry doing their job as per the industry protocols like day timings.
- * All the staff are doing their work together in friendly manner and also supported as 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 set of technical skills.

mentioned below:-

1. Time management
2. Functionality of the machines in different levels
 1. Mixing and kneading the raw material to make the fabric
 2. fabric sheet weaving machine to make your saree.
 3. how work with loom machine to make your saree.
 4. functionality of the weaving machine to prepare the sheet's by weaving the yarn.
 5. learned technical process of stitching and sewing machine
 6. observed and practiced on the printing machine to print the details of product's on the saree 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 frame.

Communication

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

Planning

Managers are required to think ahead to ensure the activities and project's align with overall goals. Planning ahead and setting the vision allow for brainstorming plans for the future.

Negotiation

Negotiation is a management skill that demonstrates an ability to persevere in problem-solving, persuading clients or customers with hard facts and logical reasoning, decision-making using others' input, and communication.

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.,)

Negotiation

Finding solutions to problems is a skill needed in nearly every job team's need leaders who are able to resolve issues decisively using any resource available to approach and back them accordingly.

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

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. an experience skill is a thing you can do it is hard as I can do calculations and it is mastered and easily in further learning.

skills:-

* topic knowledge is not necessary but the way you approach it matters.

* think first then speak

* remain calm and compose

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

In group discussion I was enhanced by skills to participate in group discussions, how to behave and contribute in group about the topic

→ how much importance there is to give to the group objectives as well as my opinion, listen to view points of others and how need to express my thoughts.

→ the aspect which make up a group discussion verbal communication and non-verbal communication

while participating in group discussions 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

→ team building skills

**Student Self Evaluation of the Short-Term
Internship**

Student Name: **Gr. Sai Kiran.**

Registration No: **21360041006**

Term of Internship: **From: 07-08-2023 To: 6-10-2023**

Date of Evaluation:

Organization Name & Address: **Sri Subramanyaswara. polymers., kottaluvu**

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**

Gr. Sai Kiran.
Signature of the Student

Evaluation by the Supervisor of the Intern Organization

Student Name: G. Saikrishna.

Registration No: 21360041006

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

Date of Evaluation:

Organization Name & Address: Sri Subrahmaneswara 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





MARKS STATEMENT

Can be used by the candidate

EVALUATION

MARKS STATEMENT
(To be used by the examiner)

INTERNAL ASSESSMENT STATEMENT

Name of the Student: Golla:- Sai Kiran.

Programme of Study: B.Sc.

Year of Study: 2022-2024.

Group: MPC

Register No/H.T. No: 21360041006.

Name of the College/University: S.V.B. G.D.C.

Rajawasirra university

Sl.No	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Activity Log	25	22
2.	Internship Evaluation	50	40
3.	Oral Presentation	25	21
	GRAND TOTAL	100	83

Date: 07/10/2023

Signature of the Faculty Guide

Certified by

Date: 07/10/2023

Signature of the Head of the Department/Principal

Seal:

PRINCIPAL
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)

2nd, 3rd, 4th and 5th floors, Neeladri Towers, Sri Ram Nagar, 6th Battalion Road
Atmakur (V) Mangalagiri (M), Guntur, Andhra Pradesh, Pin - 522 503
www.apsche.ap.gov.in