

Model Program Book



SHORT TERM INTERNSHIP (On-Site/Virtual)

Designed & Developed by



PROGRAM BOOK FOR

SHORT-TERM INTERNSHIP

(Onsite/Virtual)

Name of the Student : N. Chandrika Kauth.

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

Registration Number : 21360041011

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 : N. Chandra Kauth.

Reg.No: 01360041011

**SVB GOVT. DEGREE COLLEGE
KOILKUNTALA**

Student's Declaration

I, Noochi Chandra Kauth. a student of B.Sc., M.P.Cs., Program, Reg.No. 21360041011 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.

N. Chandra Kauth.
(Signature and Date)
06-10-2023

Official Certificate

This is to certify that N. Chandrakanth of II B.Sc.,
M.P.Cs., Register No. 21360041011 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.

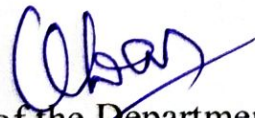
(Signature with date and seal)



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 N. Chandra Kaulh., Register
No. 213600 41011 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 : N. Chandrababu

Regd. No. : 9136 00410 11

Contents

Submitting the report of Internship on manufacturing of polymeric bag.

Internship done at SRI SUBRAMANYESWARA POLYMERS, KAILASHA (518134). The Internship assigned for 15 weeks. Completed it on time.

Following are the requirements for making Cement bag.

Raw material of plastic bag:-

Millar
Omega
Piller
Plastic granular.

Machinery:

- * Converting granular to thread by wetting.
- * The thread can roll into bobbin by the help of bobbin machines.
- * The plastic rolls are kept into a printing machine to print the details of company.
- * The sheet can cut into required length and width into from a complete plastic bag and can be packed by using.

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 16-2023 to Nov-31-2024. The student are collected in to the "Sri Subramanyaswari polymers" kottur. There are we observed about making of plastic bags for cement packing and what are requirements how the process are going on making the polymer bags.

Learning Objectives:-

All student know that polymers can be designed for a purpose. and have an use of a designer polymers.

Here we communicate the speechless skill with the management skill.

The student can observe and analyze the outcomes. next student can observe and analyze describe the ways method of recycling polymers.

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

Learning Outcomes:-

The polymer industry we have to do with knowledge and mental skills are gained.

Students will read and analyze several 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

- * The threads can roll into a bobbin of a certain size.
- * The bobbins are placed in the winder can make a plastic bag by using of wheat straw.
- * After preparation of plastic bag can use to print the company names and address.
- * Then we observed that printed sheet on stretching a machine for that use.
- * The bags are sent to a specific 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 organizations:

Sri Subramanyaswami polymers is incorporated in 2007 is a partnership firm engaged in the manufacturing of MPP/PP woven sacks. The processing unit with current installed capacity of 7560 MT per annum is current is located at Korkunalla in Nandyal district of Andhra Pradesh. SEP manufacturing polypropylene (PP) bags which are mostly used for packing cement and food grains etc. also sells fabric sheets which is an intermediating product out of making bags.

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

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

vision values and mission of organization.

We aim to be the leading provider of value pp bags that meet and exceed our custom expectation. Every single day. Sri Subramanyeswari playments strives to maintain a position of key ingredients their success.

Our mission is to provide customized polymers that meet the unique needs our client in various industries. We strive to achieve excellence in all aspect of our operations and promote sustainability.

Policy of the organization in relation to the Internship:-

The organization can discuss programs and engage in discussions of topic relevant to the operations and prospects of the organization and functions area as well.

Conduct established activities and any additional responsibilities which are mutually agreed upon by the students and site Supervisor.

They work for a select amount of the time in department and locations to be better understood what the job entails. Depending on their self, from shadowing staff to additional assistance to taking on-sept project 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.

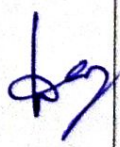
Interns assist the company with tasks set by various teams. Such as reass each data capturing and working closely with different team member to learn more about the organization.

At the working condition, interns must take the internship very seriously as you would with any other important opportunity or class attendance, punctuality depending good judge work and maintaining a high quality of work.

In weekly work schedule, we include an 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, netting and cutting machine which are provided company names, stretching machine which is final output of poly bags, and last the compressing machine used to pack the bag.

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 managers	learn how to communicate	
Day - 2	Manages Explained about the company and process of the manufacturing bags.	Observing the process of manufacturing bags	
Day - 3	Observed all the machine to know the working of the machine.	know the working of the machine	
Day - 4	we observed functions of remaining machines.	know the working of every machine.	
Day - 5	Communication with worker discuss about the way of working.	we can learn about the way of working of machine	
Day - 6	Communication with worker discuss about the way to working process.	Communication with worker about machines.	

WEEKLY REPORT

WEEK - 1 (From Dt. 07.08.2023 to Dt. 12.08.23)

Objective of the Activity Done: Visited the factory knows all the

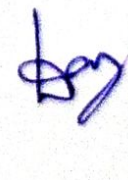
Detailed Report: process of machinery.

All the students of Internship visited the "Sri Subramanyeswarar polymers" factory and requested permission with the manager to complete our internship in that factory to complete report of employees of the factory.

Manager accepted and gave permission to complete our internship in the factory with their cooperation.

Observed all the machineries to know the functionality of the every machine connected with the works 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 using plastic granules.	Making of fabric sheets from granules.	
Day - 2	Cutting fabric sheets into yarn by using yarn forming device.	Converting plastic sheet 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 forming device.	Converting plastic sheets into yarn ribbons.	
Day - 6	Cutting fabric sheets into yarn by using yarn forming device.	Converting plastic sheets into yarn ribbons.	

WEEKLY REPORT

WEEK - 2 (From Dt 5.8.23 to Dt 11.8.23)

Objective of the Activity Done: Observed materials used to make bags.

Detailed Report:

Depending on the different purpose of use cement bag manufacturers can make it from different packing bags material is poly propylene plastic.

Most of the cement bags current on the market are made from poly propylene plastic.

Following are the materials to make the plastic cement bags

- * Millar
- * Omega
- * poly propylene

Makes of pp yarn: pp plastic granules are loaded into the hoppers of the yarn spinning dies by the function machines 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 observed can move into cooling water path which is fabric	
Day - 2	The sheet can cut into required width to form threads	we learn the culture sheet into threads.	
Day - 3	The Colled 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 as comes out of with PP.	
Day - 5	The waste fibre can bellow the blower pipe	After the waste fibre it can blow by the blowes pipe.	
Day - 6	Through the blowes pipe it can store a seperate room to recycle it.	we observed that the waste can store separate to use.	

WEEKLY REPORT

WEEK - 3 (From Dt 23.11.23 to Dt 30.11.23)

Objective of the Activity Done: Cutting sheets into yarn.

Detailed Report:

The screw extrudes the liquored plastic to the melt mouth with adjustable length and thickness as required and plastic film is formed through the forming cooling winding

Then the film enters to the cutting stage to cut into the require width the yarn goes put to the winding.

In the process of creating yarn the fiber waste of the plastic film are recovered 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	
Day - 2	The rollers can spread by winding machine	We observed that the bobbins can help of 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 really 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. 31.7.23. to Dt. 6.8.23)

Objective of the Activity Done: The cutting threads are rolled into bobbins.

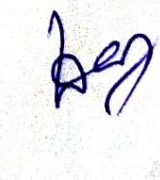
Detailed Report:

The cutting threads are rolled into bobbins by using winding machine

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

Sheet are rolled as required measurement and that sheet can roll in to the 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 bobbins can place by learn stand	we observed that the bobbins can place by learn stand	
Day - 2	new stand can connected to computer	we see the learn stand it can connected to computer.	
Day - 3	from these we can see the wheel was to weave the threads	we have to learn that the weaving of threads by when was	
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 take po rolled	we observed the sheet can roll by roles	
Day - 6	After that it's placed the speak by roles	we learn the roles can placed by so perfectly.	

WEEKLY REPORT

WEEK - 5 (From Dt. Dec-19..... to Dt. Dec-24.)

Objective of the Activity Done: Yarn rolls are put into circular looms to weave into fabric tubes.

Detailed Report:

The PP yarn are put into the suble circular looms to weave into PP fabric tubes to the PP fabric winding machine.

The PP fabric roll is installed by the for left truck on the film coating machine the PP fabric sheet is coating 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 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 observed that the names can print on bags	
Day - 2	Counting the looms weaving machine	we have observed their are lot of weaving machine	
Day - 3	Making the different company names for printing	we learn about different companies for printing on bags.	
Day - 4	The role are placed for rolling stand	we can see the placed of roll in rolling stand	
Day - 5	The produces of company details are printings front and back.	we know that the print can make front back of detail company	
Day - 6	Rolls are re-look as previous roll	After printing the sheets can re-look as previous roll.	

WEEKLY REPORT

WEEK - 6 (From Dt. Dec-26... to Dt. Dec 31..)

Objective of the Activity Done: printing on the bags.

Detailed Report:

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

After completing learning process the rolls are connected to the print the details of the products and company print machine.

printed sheets can be used as a rolls and now these rolls are ready to make 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 internship with the employees of the industry. I have learned a lot of new things about industry environment and nature lab of work in different level of manufacturing process.
- * The industry provide us good opportunity by facilitating to learn the manufacturing of bags in different level and allowed us to stay in the industry from 10:00 AM to 5:00 PM during working days.
- * They were explained the duties responsibilities of the employees like managers, AS managers, M.S surprise clerk and machine operators.
- * Each and every employees of the industry doing their job as per the industry protocol like duty timings.
- * All the staff are doing their work together in friendly manner and also supported us well while doing an internship.

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

In internship we have acquired lot of technical skill mentioned below.

* Time management

* Functionality of the machines in different levels

① Mixing and setting the raw material to make the fabric sheet

2. fabric sheet cutting machine to make the yarn.

3. how work with loom machine to make yarn roll

4. functionality of the weaving machine to prepare the sheets by weaving the yarn.

5. learned technical feature of stitching and cutting machine.

6. observed and practised 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 skill one to successful management being an effective leader means getting a team to achieve the company's objectives and creating a positive productive work environment.

Project management:

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

Communication: Being able to communicate effectively and efficiently across diverse teams, 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 our all business goals. planning ahead and 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 skills in the industry while doing internship sharing knowledge and discuss with team member and communication with industry employees.

Written Communications:

I have learned written skills with the creation of writing reports of the every day activity and task.

Understanding skills:

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

Extempore skills:

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

* Topic knowledge is not of matters.

* Think first then speak

* Review 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.

Negotiation:-

Negotiation is a management skill that demonstrates an ability to person in problem solving persuading clearly or cultures with fact and communication skills a good negotiation involves other and consensus them to make an evidence-based decision.

problem solving:

Finding solutions to problems is a skill needed in nearly every job. Teams need leaders who are able to resolve issues creatively, using only resources available to approach and tackle them successfully.

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 my skills to participate in group discussion, how to behave and contribute in group about the topic.

How much importance must to give to the group objective as well as my opinion listen to view points of other and how openly I need to express my thought the aspect which make up a group discussion verbal communication and non-verbal communication.

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

Required skill for GD:-

- Communication Skills
- Interpersonal skills.
- Leadership skills.
- presentation skills.
- Team Building skills.

*Student Self Evaluation of the Short-Term
Internship*

Student Name: N. Chandrakanth

Registration No:

Term of Internship:

From: 07-08-23

To: 21360041011

Date of Evaluation:

6-10-23

Organization Name & Address: Sri Subramanyaswara 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	<u>4</u>	5
2	Written communication	1	2	3	4	<u>5</u>
3	Proactiveness	1	2	3	<u>4</u>	5
4	Interaction ability with community	1	2	3	4	5
5	Positive Attitude	1	2	3	4	<u>5</u>
6	Self-confidence	1	2	3	<u>4</u>	5
7	Ability to learn	1	2	3	4	<u>5</u>
8	Work Plan and organization	1	2	3	<u>4</u>	5
9	Professionalism	1	2	3	<u>4</u>	5
10	Creativity	1	2	3	4	<u>5</u>
11	Quality of work done	1	2	3	<u>4</u>	5
12	Time Management	1	2	3	4	<u>5</u>
13	Understanding the Community	1	2	3	4	<u>5</u>
14	Achievement of Desired Outcomes	1	2	3	<u>4</u>	5
15	OVERALL PERFORMANCE	1	2	3	<u>4</u>	5

Date: 06/10/2023

N. Chandrakanth

Signature of the Student

Evaluation by the Supervisor of the Intern Organization

Student Name: N. Chandrakanth

Registration No: 21360041011

Term of Internship:

From: 07-08-2023

To: 06-10-2023

Date of Evaluation:

Organization Name & Address: Sri Subramanyeswara Polytech.

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

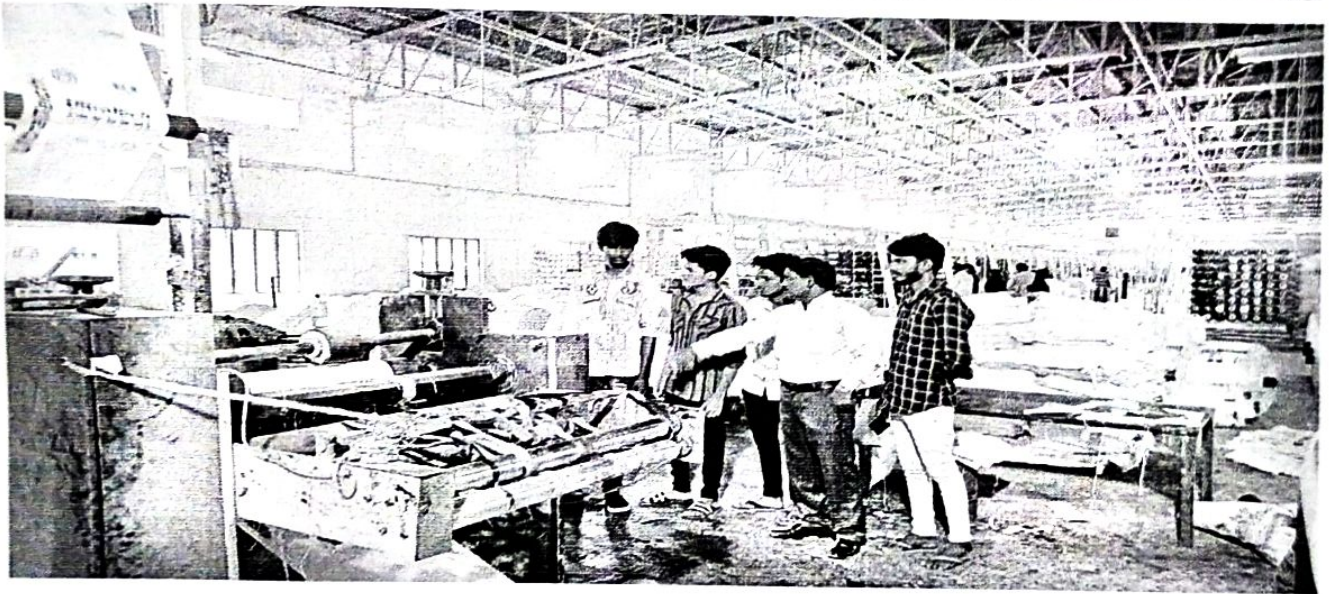
1	Oral communication	1	2	3	4	5
2	Written communication	1	2	3	4	5
3	Proactiveness	1	2	3	4	5
4	Interaction ability with community	1	2	3	4	5
5	Positive Attitude	1	2	3	4	5
6	Self-confidence	1	2	3	4	5
7	Ability to learn	1	2	3	4	5
8	Work Plan and organization	1	2	3	4	5
9	Professionalism	1	2	3	4	5
10	Creativity	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: 07/10/2023

Signature of the Supervisor



PHOTOS & VIDEO LINKS



EVALUATION

MARKS STATEMENT
(To be used by the examiner)

INTERNAL ASSESSMENT STATEMENT

Name of the Student: **N. Chandra kauth.**

Programme of Study: **BSc**

Year of Study: **2023 - 2024.**

Group: **MPES**

Register No/H.T. No: **Q1360041011**

Name of the College:University: **S.V.B GDC Rayala seema university**

Sl.No	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Activity Log	25	22
2.	Internship Evaluation	50	42
3.	Oral Presentation	25	21
	GRAND TOTAL	100	85

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

(A Statutory Body of the Government of Andhra Pradesh)

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