

GOVERNMENT DEGREE COLLEGE
RAJAMPETA

SEMESTER INTERNSHIP (LONG-TERM)

RECORD BOOK
2023-24

Designed & Developed by



**ANDHRA PRADESH
STATE COUNCIL OF HIGHER EDUCATION**
(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)

PROGRAM BOOK FOR
SEMESTER INTERNSHIP

Name of the Student: Koushendra

Name of the College: Grovt Degree College

Registration Number: 216030054008

Period of Internship: From: 1-2-24 To: 1-5-24

Name & Address of the Intern Organization: Dixon Technologies, Tiscupati
517501, Andhra Pradesh

YEAR

2023-24

Yogi Vemana University

KADAPA

An Internship Report on

DIXON TECHNOLOGIES

(Title of the Semester Internship Program)

Submitted in accordance with the requirement for the degree of

B.Sc [MScs]

Under the Faculty Guidance of

J. M. Jaisa chandha

(Name of the Faculty Guide)

Department of

Mathematics

(Name of the College)

Submitted by:

K. Surenika

(Name of the Student)

Reg.No: 216030054008

Department of mathematics

Govt. Jyoti College, Rajampet,

(Name of the College)

Instructions to Students

Please read the detailed Guidelines on Internship hosted on the website of AP State Council of Higher Education <https://apsche.ap.gov.in>

1. It is mandatory for all the students to complete Semester internship either in V Semester or in VI Semester.
2. Every student should identify the organization for internship in consultation with the College Principal/the authorized person nominated by the Principal.
3. Report to the intern organization as per the schedule given by the College. You must make your own arrangements for transportation to reach the organization.
4. You should maintain punctuality in attending the internship. Daily attendance is compulsory.
5. You are expected to learn about the organization, policies, procedures, and processes by interacting with the people working in the organization and by consulting the supervisor attached to the interns.
6. While you are attending the internship, follow the rules and regulations of the intern organization.
7. While in the intern organization, always wear your College Identity Card.
8. If your College has a prescribed dress as a uniform, wear the uniform daily, as you attend to your assigned duties.
9. You will be assigned a Faculty Guide from your College. He/She will be creating a WhatsApp group with your fellow interns. Post your daily activity done and/or any difficulty you encounter during the internship.
10. Identify five or more learning objectives in consultation with your Faculty Guide. These learning objectives can address:
 - a. Data and Information you are expected to collect about the organization and/or industry.
 - b. Job Skills you are expected to acquire.
 - c. Development of professional competencies that lead to future career success.
11. Practice professional communication skills with team members, co-interns, and your supervisor. This includes expressing thoughts and ideas effectively through oral, written, and non-verbal communication, and utilizing listening skills.
12. Be aware of the communication culture in your work environment. Follow up and communicate regularly with your supervisor to provide updates on your progress with work assignments.

13. Never be hesitant to ask questions to make sure you fully understand what you need to do your work and to contribute to the organization.
14. Be regular in filling up your Program Book. It shall be filled up in your own handwriting. Add additional sheets wherever necessary.
15. At the end of internship, you shall be evaluated by your Supervisor of the intern organization.
16. There shall also be evaluation at the end of the internship by the Faculty Guide and the Principal.
17. Do not meddle with the instruments/equipment you work with.
18. Ensure that you do not cause any disturbance to the regular activities of the intern organization.
19. Be cordial but not too intimate with the employees of the intern organization and your fellow interns.
20. You should understand that during the internship programme, you are the ambassador of your College, and your behavior during the internship programme is of utmost importance.
21. If you are involved in any discipline related issues, you will be withdrawn from the internship programme immediately and disciplinary action shall be initiated.
22. Do not forget to keep up your family pride and prestige of your College.

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Student's Declaration

I, Kesava Suren a student of B.Sc (MS.CS)
Program, Reg. No. 2160300 54008 of the
Department of Mathematics College do hereby declare that I have
completed the mandatory internship from 1-2-2024 to 1-5-2024
DIXON PVT. LTD in (Name of
the intern organization) under the Faculty Guidance of
(Name of the Faculty Guide), Department of
Mathematics,
Government Degree College Rind (Name of the College)

K. Suren
(Signature and Date)

Official Certification

This is to certify that Kesava Pu Suresh (Name of the student) Reg. No. 216030054008 has completed his/her Internship in DIXON PVT. LTD (Name of the Intern Organization) on Production F.A (Title of the Internship) under my supervision as a part of partial fulfillment of the requirement for the Degree of III BSC [MS-CS] in the Department of IT Degree College (Name of the College).

This is accepted for evaluation.

(Signatory with Date and Seal)

Endorsements

Faculty Guide

Head of the Department

Principal

Certificate from Intern Organization

This is to certify that Kesavapu Surendra (Name of the intern)
Reg. No. 216030054008 of SVKM's Deemed to be University (Name of the
College) underwent internship in Dixon Technologies (Name of the
Intern Organization) from 1-2-2024 to 1-5-2024

The overall performance of the intern during his/her internship is found to be
satisfactory (Satisfactory/Not Satisfactory).

Authorized Signatory with Date and Seal

ACKNOWLEDGEMENTS

I would like to Thank contractor of Dixon
Logics Pvt. LTD, giving me the opportunity to do
internship within the organization.

I also would like all the people that worked along
me Dixon PVT, LTD, Thrupath with their patience and
as they created an enjoyable working
environment. It is indeed with a great sense of
and immense sense of gratitude that I
acknowledge the help of these individuals.

I am highly indebted to Principal B. Purushottam sir,
for the facilities provided to accomplish this
internship.

I would like to thank my Head of the Department
for this constructive criticism throughout my
internship.

I would like to thank internship mentor
Department of Mathematics for their support and advices
and complete internship.

I am extremely great full to my department
members and friends who helped me in

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.

There is 7 benefits that we gain from doing an internship.

1. Gain valuable work experience.

Companies are often willing to train interns, giving them a valuable avenue to a full-time position. Decide if this is the right career for you, confirm if the industry and company is a right fit for you and what you really want to do, without making a long term commitment. Networking opportunities.

2. Meet people in your field who can help you land a full-time job, teach you about new business opportunities, or serve as a reference for future applications.

3. Gain an advantage in the job market.

Having relevant, professional work experience on your resume will help you stand out from other applicants.

4. Transition into a job.

Internship can give you valuable insight into what doing a full-time position at a company would be like. It's classroom knowledge.

5. You have the chance to use the skills you learned in the classroom in a real world setting.

6. Gain confidence: Experience in your industry will

ACTIVITY LOG FOR THE FIRST WEEK

E	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
1	I Visit the company and Introduced my self to the contractor.	Introduction	slt
2	To day contractor Introduced me to the HR Ashok Sir and I did Some Paper work To Join in the company.	Meeting with H.R.	slt
3	Today supervisor Explained the whole manufacturing prases of the L.E.D.T.V.	Know about the monufoacting Prases.	slt
4	In this company the new materials emproting from different from other countries.	Improting of now materials.	slt
5	To day we saw the entire company and In this company there are a Sheds.	Visiting of Sheds.	slt
6	In that a Sheds two Sheds are using for logotics and one shed are used for manufacturing prases.	Logistics products.	slt

WEEKLY REPORT

WEEK - 1 (From Dt _____ to Dt _____)

Name of the Activity Done:

And Report:

Training process

In this 1st week I visit the company Dixon P. LTD. In this company they are provide contractor for the Internship program. contractor that he will introduce his to us, and he will introduce explain how to start the Internship program in company, we can get an meeting with H.R. Manager sir he will explain about the company formation finally I did some paper to join in the company for my Internship program we visit the company, we know that the Dixon company was manufacturing T.V.s. In that they will explain the safety and their company information. also life policy for the company we can know the maximum the provides for employee.

ACTIVITY LOG FOR THE SECOND WEEK

BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
In that I shed different are manufacturing different types of company T.V.s.	Different types of company TVs.	st
I visit the store room that the imported raw materials are stored in there	about the store	st
To know the motive of the organisation.	Intention of the organisation	st
To know the process of production.	How to produce the goods	st
To produce the goods how to convert raw materials the machinery	To insert the raw materials in the machinery.	st
To convert the raw materials into goods	How to convert the raw materials into finished goods	st

WEEKLY REPORT

WEEK - 2 (From Dt. to Dt.)

Objective of the Activity Done:

Information about organization

Filed Report:

This week we make report for the company structure. In this entire company they are 10 sheds. In these sheds some are used for manufacturing process and some sheds are used for storage. In the company they are manufacturing different types of company TVs. In some sheds they store the product to transport. The product is transported in boxes. We visit the store and also in that store room the the raw materials are stored. In there we detailly know about the stores. In T.V. manufacturing process the raw materials are taken from different place and converted into products. To know the motivation

ACTIVITY LOG FOR THE THIRD WEEK

BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Senior staff are explaining about the company and the working process.	class for the working process in the company.	self
In this company they are manufacturing L.E.D T.V.s.	manufacturing products.	self
1) M.I. 4) LLOYD 7) Samsung 2) VU 5) PHILIPS 8) Toshiba 6) PANASONIC. 3) HITSENSE. 9) DELL	manufacturing different brands T.V.s.	self
They are providing life insurance for the employees for any accident.	safety problems that is providing in the company	self
In this manufacturing process the raw materials are imported from different places.	Importance process.	self
Imported goods are converted into final products and the products are export to other states and countries.	Export process.	self

WEEKLY REPORT

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

Objective of the Activity Done:

Final Report:

Types of companies TV's manufacturing

This week we know about the T.V. companies and working process. In this company they are manufacturing L.E.D. T.V's different type companies are contract with the company manufacture these T.V's.

In this company they are a TV. companies are making T.V's with the company they are:-

1) HIT	4) LG	7) Samsung
2) VU	5) PHILIPS	8) Tashiba
3) HISENSE	6) PANASONIC	9) DELL

Companies are contract with the Dixon company for some particular year's. The facilities company provided to the employees like facilities, health facilities, and some for any accident are death. made the employees to work properly.

ACTIVITY LOG FOR THE FOURTH WEEK

S E	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
1	T.V Panel typically refers to the display screen of a Television. The panel is the part of the T.V.	Panel Inspection	st
2	T.V. panels come in various sizes. ranging from small displays suitable.	Range of T.V panel	st
	T.V. panels will come in different sizes that are 32, 43, 55, 65, 75, 100 inches.	sizes of T.V panel	st
	T.V. electronic compartment Assemble.	Assembling	st
	The back cover of a T.V. attached using screws and clips.	Fixing of Back cover	st
	Manufacturers will typically have specific quality control process.	fixing of Back cover.	st

WEEKLY REPORT

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

Objective of the Activity Done:

Final Report:

Inspection of T.V panel

This week we know about the T.V panel inspection. T.V. panel typically refers to the display screen of a television. Physical inspection involves looking for defects in the panel and free from any physical imperfections that may affect its performance or appearance.

Functional inspection involves testing the panel's display quality, brightness, color accuracy, contrast, and other performance metrics. The panel must meet certain standards for these metrics in order to ensure that the final product meets customer expectations. Overall, T.V panel inspection is an essential part of the manufacturing process to ensure that the final product meets industry standards and provides a high-quality viewing experience for consumers.

ACTIVITY LOG FOR THE FIFTH WEEK			
BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge	Signature
The TV classis will need to be prepared for the power word attachment	preparing the TV classis	At	
once the classis is ready the power cord will be connected to the T.V.	connecting the power cord	At	
After the power cord is attached the connecting is to be tested to ensure.	testing the connecting	At	
the power cord connection have been verified the T.V. will be closed up.	Finalyising the assembly	At	
ding on how the fixed in the input many need tools,	using proper tools for fixing.	At	
fixed	TV input	At	

WEEKLY REPORT

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

Name of the Activity Done:

Report:

Preparing of different chassis

To preparing a T.V chassis, the T.V. is will need to be prepared for the power attachment, once the chassis is ready the cord will be connected to the T.V. After power cord is attached to connecting is to be tested to ensure.

Steps:-

Ensure that the T.V. set is plugged into the power source and turned on.
Use the remote control to navigate to the desired T.V. channel or program.
Adjust the T.V. for a better T.V. viewing experience.
Use a comfortable viewing location and the lighting to reduce glare.
Avoid eye strain by taking breaks if watching for an extended period.
Adjust the picture and sound with different picture and settings to find the best configuration.

ACTIVITY LOG FOR THE SIXTH WEEK

BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person in-charge Signature
The power-on condition of agging is minutes.	Agging	AE
The agging process is used to verify the problems and show them.	Verifying problems in agging	AE
Testing is another important process in manufacturing of T.V.s.	Testing	AE
HDMI is the High Definition Multimedia Interface. It is a digital Audio Video interface.	Testing HDMI High Definition Multimedia Interface	AE
Local area network is a computer that covers a small area typically within a single campus.	Testing LAN	AE
During T.V. manufacturing radio frequency testing involves measuring the amount of electromagnetic radiation.	Testing R.F.	AE

WEEKLY REPORT

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

Objective of the Activity Done:

Aging in power on condition.

Test Report:

Aging is an important process in T.V. manufacturing that involves testing the T.V panels components to ensure they quality. In the aging process, the TV panels and components are subjected to various such as temperature and humidity variation, to simulate real world usages conditions. This helps to detect any issues that arise over time and ensure that the T.V is durable and reliable.

The aging process can also help to improve the overall quality of the T.V by identifying and correcting any issues during the testing process. manufacturing reduce the likelihood of customer complaints and returns overall. The aging process is a crucial step in TV manufacturing helps to ensure that the products are of high quality, reliable, and meet customer needs.

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ACTIVITY LOG FOR THE SEVENTH WEEK

BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
white balance is a checking of T.V pannel screen.	The process of w.B stage	At
In this stage the w.B means that it is colour analysis of the T.V.	w.B is an colour analysis	At
A small device, especially an electrode, used for measuring, testing the T.V	The white balance having the 410 probe.	At
410 probe the colour R,G,B the path runs checking 410 T.V screen.	checking of probe with different colours.	At
If any abnormal colours like (black, blue, white) it can't pass in w.B stage	T.V's passing stage	At
usually the T.V's are working with usb cable (delivered serial bus)	final checking with usb	At

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WEEKLY REPORT

WEEK - 7 (From DL..... to DL.....)

Activity of the Activity Done: TV white balance Adjustment

Filed Report:

White balance is an important stage in TV manufacturing as it ensures that the colour displayed on the screen are accurate and consistent. White balance is the process of adjusting the colour temperature of a display to match the lighting conditions of the environment where it will be used.

During the manufacturing process, various specialised equipments are used to adjust the colour temperature of the screen. These include adjustments to the red, green and blue colour channels. Typically, the process is performed at the factory, but some TVs also include user-adjustable settings. Without proper white balance, colours may appear too warm, too cool, or too saturated, making it difficult to accurately assess image quality.

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ACTIVITY LOG FOR THE EIGHTH WEEK

BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
The back cover of the TV is usually made of plastic or metal.	The Back cover preparation and passing Back cover	Alt
Closing of unwanted holes with Black taps to protect the TV with dust.	Closing of holes with wing of tap.	Alt
Attaching of clips to the Back cover for inserting of motherboard.	fixing clips in Back cover	Alt
checking the back cover with like scratches painting problem and Bends.	checking the damages in Back cover	Alt
Cleaning the back cover will be cleaned with specific liquid all old oil preservative dust.	cleaning of Back cover with oil	Alt
The Back cover will be painted with specific liquid all sides except bottom.	cleaning the cover with liquid.	Alt

WEEKLY REPORT

WEEK - B (From Dt..... to Dt.....)

Objective of the Activity Done:

Back cover fixing process

Detailed Report:

The back cover of the T.V is usually made of plastic or metal. It ensure that the components inside the T.V are properly protected and sealed. The back cover is not inspected for any defects or damage. The surface of the back cover is cleaned to remove any dust or debris the could affect the adhesion of the adhesive tape or screws.

The adhesive tape is applied to the top edge of the back cover to ensure that it adheres firmly to the T.V frame. In addition to the adhesive tape screws may also be used to secure the back cover to the T.V frame. The screws are inserted into pre drilled holes on the back cover. Cleaning the back cover of a T.V. The solution typically consists of a mixture of water and mild detergent. The solution should be mixed according to the manufacturer's instructions, and in a clean container.

ACTIVITY LOG FOR THE NINTH WEEK

BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Moving of Back cover to input stage of LCM (Liquid crystal module)	moving back cover into LCM	AB
Scanning Back cover for checking serial number to know that the Back cover is Pass or Fail.	Scanning Back cover Bar code	AB
Scanning of Led Light Bar and it will be linked to specific Bar code of Back cover.	Scanning of LED Light Bars	AB
Sticking of Led Lights to Back covers by using glue	Sticking of LED Bars	AB
Tapping of LED Bars for safety purpose and brightness.	Tapping of LED Bars	AB
Fixing of wires to the LED Bars for power supply	Fixing of wires	AB

WEEKLY REPORT

WEEK - 11 (From Dt..... to Dt.....)

Objective of the Activity Done: Back light checking in LCM

Failed Report:

This week conduct the program in LCM that Backlight checking in TV manufacturing. In a typical LCD TV manufacturing process, the backlight unit is assembled separately from the display panel. A backlight unit consists of a series of light emitting diodes (LED) or cold cathode fluorescent lamps (CCFLs) arranged in a specific pattern provide the required illumination of the display panel.

During the backlight checking process, the assembled backlight unit is connected to a power source and undergoes a series of tests to check for defects such as dead or dim pixels, uneven brightness, or color balance. This process may be automated using specialized equipment or performed manually by trained technicians. Once the backlight has been checked and passed inspection, it is then mounted onto the display panel and undergoes further testing to ensure that the TV product.

WEEKLY REPORT

WEEK - 11 (From DL..... to DL.....)

Objective of the Activity Done:

Final Report:

Back light checking in LCM

This week conduct the program in on LCM that Backlight checking in TV manufacturing. In a typical LCD T.V manufacturing process, the backlight unit is assembled separately from the display panel. A backlight unit consists of a series of light emitting diodes (LED) or cold cathode fluorescent lamps (CCFLs) arranged in a specific pattern provide the required illumination to the display panel.

During the backlight checking process, the assembled backlight unit is connected to a power source and undergoes a series of tests to check for defects such as dead or dim pixels, uneven brightness, or color balance. This process may be automated using specialized equipment or performed manually by trained technicians. Once the backlight has been checked and passed inspection, it is then mounted onto the display panel and undergoes further testing to ensure that the TV product

WEEKLY REPORT

WEEK - 11 (From Dt. To Dt.)

Objective of the Activity Done:

Called Report:

Back light checking in LED

This week conduct the program on LED that Backlight checking in LED manufacturing. In a typical LED TV manufacturing process, the backlight unit is assembled separately from the display panel. A backlight unit consists of a series of light emitting diodes (LED) or cold cathode fluorescent lamps (CCFLs) arranged in a specific pattern provide the required illumination for the display panel.

During the backlight checking process, the assembled backlight unit is connected to a power source and undergoes a series of tests to check for defects such as dead or dim pixels, uneven brightness, or color balance. This process may be automated using specialized equipment or performed manually by trained technicians. Once the backlight has been checked and passed, it is then mounted onto the display panel and undergoes further testing to ensure that the TV product.

WEEKLY REPORT

WEEK - 11 (From DL..... to DL.....)

Objective of the Activity Done:

Final Report:

Back light checking in LCM

This week conduct the program in LCM that Backlight checking in TV manufacturing in a typical LCD TV manufacturing process. The backlight unit is assembled separately from the display panel. The backlight unit consists of a series of light emitting diodes (LED) or cold cathode fluorescent lamps (CCFLs) arranged in a specific pattern provide the required illumination to the display panel.

During the backlight checking process, the assembled backlight unit is connected to a power source and undergoes a series of tests to check for defects such as dead or dim pixels, uneven brightness, and color balance. This process may be performed using specialized equipment or inspected manually by trained technicians. Once the backlight has been checked and passed inspection, it is then mounted onto the display panel and undergoes further testing to ensure that the TV product.

WEEKLY REPORT

WEEK - 11 (From DL..... to DL.....)

Subject of the Activity Done:

Final Report:

Back light checking in LCM

This week conduct the program in LCM that Backlight checking in TV manufacturing. In a typical LCD TV manufacturing process the backlight unit is assembled separately from the display panel. The backlight unit consists of a series of light emitting diodes (LEDs) or cold cathode fluorescent lamps (CCFLs) arranged in a grid pattern provide the required illumination for the display panel.

During the backlight checking process the assembled backlight unit is connected to a power source and undergoes a series of tests to check for defects such as dim pixels, uneven brightness, and color balance. This process may be automated using specialized equipment or performed manually by trained technicians. Once the backlight has been checked and passed inspection it is then mounted onto the display panel and undergoes further testing to ensure that the TV product.

WEEKLY REPORT

WEEK - 12 (From Dt..... to Dt.....)

Objective of the Activity Done:

Called Report:

Fixing open cell and FFC

The open cell process involves the assembly of the liquid crystal layer and color filters onto a glass substrate, forming the LCD panel. The LCD panel is then tested for defects such as dead pixels or color balance issues, and if necessary repaired or discarded.

Once the LCD panel passes inspection, it is shipped to a TV assembly plant where it is mounted onto a back plane. This includes the circuitry for controlling individual pixels of the display. This process is known as the closed cell process. FFC (Flexible flat cables) are thin, flat ribbon-like cables that are used to connect various components within a TV, such as the main control board, backlight, and other peripheral components. They are commonly used in TVs because of their flexibility, high-density connections, and ability to transmit signals over longer distances than other cable types.

WEEKLY REPORT

WEEK 12 (10/11/14) - 10/11/14

Display Unit Cells and FFC

The open cell process involves the removal of the passive organic layer and the substrate, onto a glass substrate, forming a holey panel. The LED panel is then tested for defects, such as dead pixels, or color distortion and if necessary repaired or replaced.

Once the LED panel passes inspection it is shipped to a TV assembly plant where it is mounted onto a back plane. This produces the circuitry for controlling individual pixels of the display. This is the final step of the closed cell process. Flat panel LEDs have cables are thin, flat and flexible, that are used to connect the components within a TV, such as the camera, control board, backlight, and other components. They are commonly used in the place of more flexible high-density cables and ability to transmit signals over longer distances than other cable types.

WEEKLY REPORT

WEEK - 12 (From DI..... to DI.....)

Objective of the Activity Done:

Fixed Report: Fixing open cell and EFC

The open cell process involves the assembly of the liquid crystal layer and color filters onto a glass substrate, forming the LCD panel. The LCD panel is then tested for defects such as dead pixels or color balance issues, and if necessary repaired or discarded.

Once the LCD panel passes inspection, it is shipped to a TV assembly plant where it is mounted onto a back plane, which includes the circuitry for controlling individual pixels of the display. This step is known as the closed cell process.

EFC (Flexible flat cables) are thin, flat cable-like cables that are used to connect various components within a TV, such as the main control board, backlight, and other peripheral components. They are commonly used in TVs because of their flexibility, high-density connections, and ability to transmit signals over longer distances than other cable types.

ACTIVITY LOG FOR THE THIRTEENTH WEEK

DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Fixing of plastic bar with the TA panel with the help of screwdriver.	Fixing of plastic Bar	st
Passing of panel into wall room for checking of panel.	Passing of Panel	st
Inspection of system in panel Back side, while distribution of power through panel.	Inspection in Panel	st
The wiring FFC are checked in back room with system.	FFC checking	st
The panels are first checked that the panel is working or not.	LED output checking	st
And the power panels are checked in RA line and the panels are checked.	Storage of panels in trailers.	st

ACTIVITY LOG FOR THE THIRTEENTH WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
1	Fixing of plastic bar under the T.V Panel with the help of screwing.	Fixing of plastic Bar	alt
2	Dark room:- passing of panel into dark room for checking of panel.	Passing of Panel	alt
3	Different types of problems in panel. Black dots white dots, brown dots ghost images Problems	Damages in Panel	alt
4	The Fixing FFC are checked in dark room with system.	FFC checking	alt
5	The panels are final scanning that the panel is properly made or not	LCM output scanning	alt
6	that the pass panels are transfer to FA line and some panels are stored.	storing of Panels in trallies.	alt

The first part of the book is devoted to a general survey of the history of the United States from the discovery of the continent to the present time.

The second part of the book is devoted to a detailed account of the history of the United States from the discovery of the continent to the present time.

The third part of the book is devoted to a detailed account of the history of the United States from the discovery of the continent to the present time.

The fourth part of the book is devoted to a detailed account of the history of the United States from the discovery of the continent to the present time.

The fifth part of the book is devoted to a detailed account of the history of the United States from the discovery of the continent to the present time.

The first of these is the fact that the
 government has been unable to raise the
 necessary funds to carry out its
 policy of non-interference. This
 has been due to a number of factors,
 including the fact that the government
 has been unable to raise the necessary
 funds to carry out its policy of non-
 interference. This has been due to a
 number of factors, including the fact
 that the government has been unable to
 raise the necessary funds to carry out
 its policy of non-interference.

This image shows a blank, aged, cream-colored page, likely an endpaper or flyleaf of a book. The paper has a slightly textured appearance with some faint smudges and discoloration, particularly along the right edge. There is no text or other markings on the page.

WEEKLY REPORT

WEEK - 14 (From Dt. to Dt.)

Objective of the Activity Done:

Process of PA (final Assembly) stage

Report:

FA (final Assembly) stage in TV manufacturing refers to the final step in the production process where all the individual components are assembled together into a finished TV product.

During the FA stage, the LCD panel, backlight unit, power supply, control board and other hardware components are assembled into the chassis. The TV chassis is then inspected for defects and undergoes various tests and checks to ensure that all the components are working properly. The power supply provides the necessary voltage and current to the TV's internal components. It is typically assembled into the chassis during the stage. The control board is the main processing unit of the TV, responsible for controlling the individual pixels on the LCD panel and communicating with other internal components.

WEEKLY REPORT

WEEK - 14 (From Dt..... to Dt.....)

Objective of the Activity Done:

Final Report:

Process of FA (final Assembly) stage

FA (final Assembly) stage in TV manufacturing refers to the final step in the production process where all the individual components are assembled together into a ready TV product.

During the FA stage, the LCD panel, light unit, power supply, control board and hardware components are assembled into the chassis. The TV chassis is then inspected for defects and undergoes various tests and checks to ensure that all the components are working properly. The power supply provides the necessary voltage and current to the TV's internal components. The IC is typically assembled into the chassis during this stage. The control board is the main processing unit of the TV, responsible for controlling the individual pixels on the LCD panel and communicating with other components.

WEEKLY REPORT

WEEK - 15 (From Dt..... to Dt.....)

Objective of the Activity Done:

Final Report:

Input output parts and Export

Input output parts The parts like such as HDMI, USB and ethernet ports are typically installed into the TV chassis during the FA stage. The speakers are typically built into the TV chassis during the FA stage, providing the audio output for the T.V

The stand or mount is used to support the TV and is typically attached to the TV chassis during the FA stage. The parts used during the FA stage of TV manufacturing are ideal for assembling.

In the packing stage also includes additional features or accessories, like stand remote and some other screws in it.

Bixon technologies has collaborated with Thirupathi Group to manufacture and export electronics products to various countries. The collaboration aims to leverage Bixon's expertise in electronics manufacturing and Thirupathi's expertise in global textile exports to expand their market reach.

WEEKLY REPORT

WEEK - 15 (From Dt. to Dt.)

Objective of the Activity Done:

Report:

Input output parts and Export

Input output parts. The parts like such as HDMI, USB and ethernet parts are typically installed into the TV chassis during FA stage. The speakers are typically built into the TV chassis during the FA stage, providing the audio output for the TV.

The stand or mount is used to support the TV and is typically attached to the TV chassis during the FA stage. The parts used in the FA stage of TV manufacturing are ideal for assembling.

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WEEKLY REPORT

WEEK - 15 (From Dt..... to Dt.....)

Objective of the Activity Done:

Report:

Input output parts and Exporte

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Dixon technologies has collaborated with Thirupathi Group to manufacture and export electronics products to various countries. The collaboration aims to leverage Dixon's expertise in electronics manufacturing and Thirupathi's expertise in global textile exports to expand their market reach.

Technical skills acquired:

communication skills.

experience of work.

team work skills.

soft ware skills.

critical Thinking & problem solving skills.

project management skills.

Time Management.

Artificial intelligence.

communication skills :

Communication is the act of conveying meaning to another person using mutually understood signs and semiotic rules.

The sender is the person who sends the message. The message is the information to be conveyed.

The channel of communication is the manner in which.

The message is sent: speaking, writing, video, audio, emails.

Asking colleagues or supervisors for feedback on my communication skills and work to improve areas that need development. Six ideas to help you communicate more effectively in internship.

Volunteer to give a presentation.

Ask to host a team meeting.

Seek feedback from your peers as well as your manager.

Practise your "small talk" at informal times.

Reach out to those in a similar situation.

Keep on learning and practising.

This is something that is worked on during

"Worked Integrated Learning program" to help

develop and grow these skills just in time for

internship. It's common knowledge that the best

are excellent and highly effective communication.

CHAPTER 4: OUTCOMES DESCRIPTION

Environment:

Learn to appreciate work and its functions in the economic.

Explore career alternatives prior to graduation.

Integrate theory and practices.

Assess interest and abilities in their field of study.

Develop communication, interpersonal and other critical skills in the job interview process.

Build a record of work experience.

Secure employment contacts leading directly to full time job following graduation from college.

Identify, write down, and carry out performance objectives (mutually agreed upon by the employer)

Be able to acknowledge and account for diversity in the work place and advocate for equitable practices, justice, and the full inclusion of formerly marginalized communities.

Technological developments observed :

TV manufacture have focused on developing new technologies to improve the picture quality, sound quality and overall user experience. Some of the notable advancements in TV technology.

OLED (Organic Light Emitting Diode) TV's offer superior picture quality compared to traditional LED TV's with deeper blacks, brighter whites and more vivid colors. 4K and 8K resolution these high resolution displays offer incredibly sharp and detailed images, making them ideal for watching movies, sports, and gaming.

HDR (High dynamic Range) technology allows for a wider range of colours and contrast, making the image more vibrant and lifelike.

Smart TV's are internet-connected devices that allow users to stream movies and TV shows.

Access the web and use apps directly on their TV.

Many modern TV's come with built in voice

control, allowing users to navigate menus and search

content using voice commands. The technological

advancements that have been made in TV industry

technology continues to evolve, we can expect

to see even more exciting developments in

the years to come.

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Many modern TV's comes with built in voice

control, allowing users to navigate menus and search

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advancements that have been made in TV industry

As technology continues to evolve, we can expect

to see even more exciting developments in

the years to come.

logical developments observed :

Manufacturers have focused on developing technologies to improve the picture quality, quality and overall user experience. Some notable advancements in TV technology.

LED (Organic Light Emitting Diode) TV's offer superior picture quality compared to traditional LED with deeper blacks, brighter whites and vivid colors. 4K and 8K resolution these resolution displays offer incredibly sharp and detailed images, making them ideal for watching sports, and gaming.

HDR (High dynamic Range) technology allows wider range of colours and contrast, making images more vibrant and lifelike.

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Student Self Evaluation of the Short-Term Internship

Student Name: Heesapala Surenthra Registration No: 21603055008

From: 1-2-2024 To: 1-5-2024

Organization Name & Address: Dixon Technology, 88 Tiyyurpeti, Ahoda Pradesh.

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					

Signature of the Student

Date:

Evaluation by the Supervisor of the Intern Organization

Page No

Name: Kesava Surentha Registration No: 2160300541008
 From: 1-2-2024 To: 1-5-2024
 Address: Dixon technologies tirupathi
 Address of the Supervisor
 Mobile Number

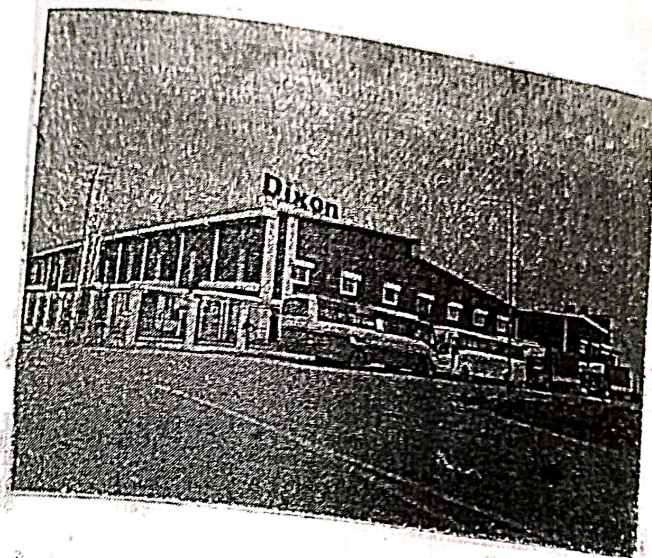
Rate the student's performance in the following areas:

Note that your evaluation shall be done independent of the Student's self-

Scale: 1 is lowest and 5 is highest rank

Oral communication	1	2	3	4✓	5
Written communication	1	2	3	4✓	5
Proactiveness	1	2	3	4✓	5
Interaction ability with community	1	2	3	4✓	5
Positive Attitude	1	2	3	4✓	5
Self-confidence	1	2	3	4✓	5
Ability to learn	1	2	3	4✓	5
Work Plan and organization	1	2	3	4✓	5
Professionalism	1	2	3	4✓	5
Creativity	1	2	3	4✓	5
Quality of work done	1	2	3	4✓	5
Time Management	1	2	3	4✓	5
Understanding the Community	1	2	3	4✓	5
Achievement of Desired Outcomes	1	2	3	4✓	5
OVERALL PERFORMANCE	1	2	3	4✓	5

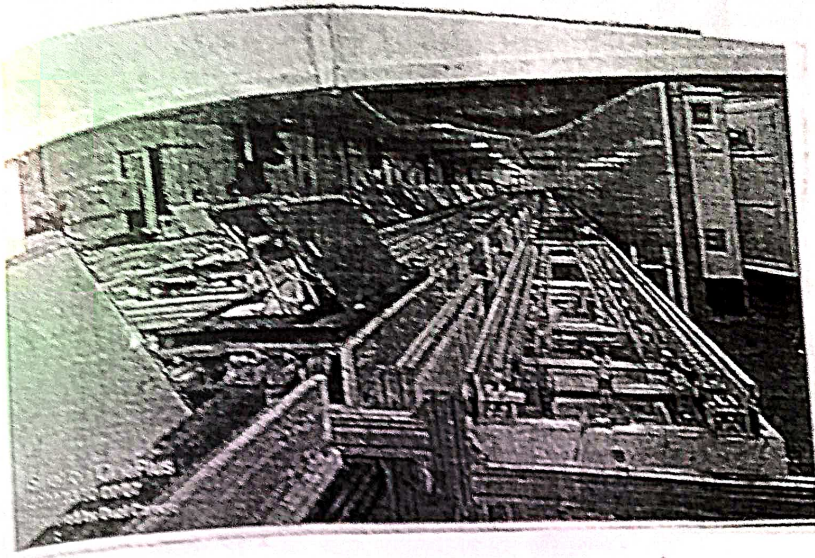
PHOTOS & VIDEO LINKS



(i) outside and parking view of Dixon company



(ii) working of employees in the respective seats in the sheds with Aprons & safety precautions



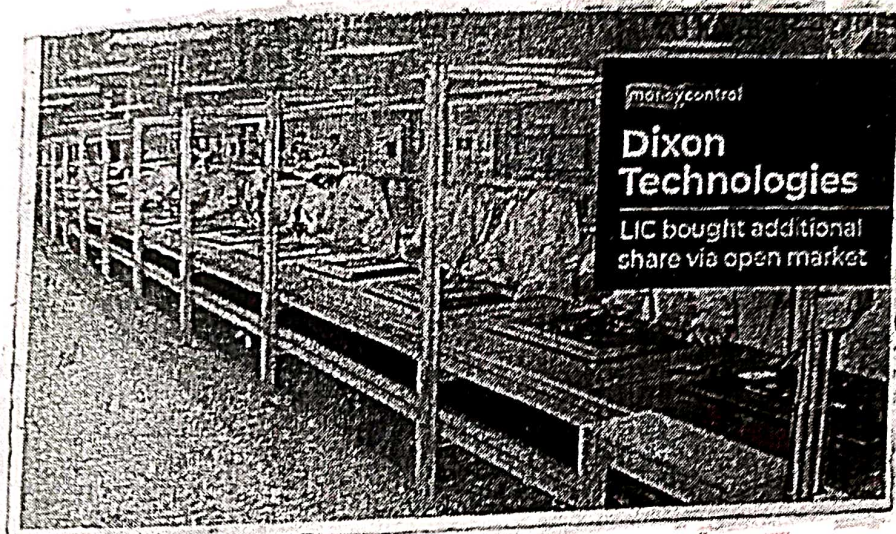
(iii) Aging section in the sheds having high electricity.



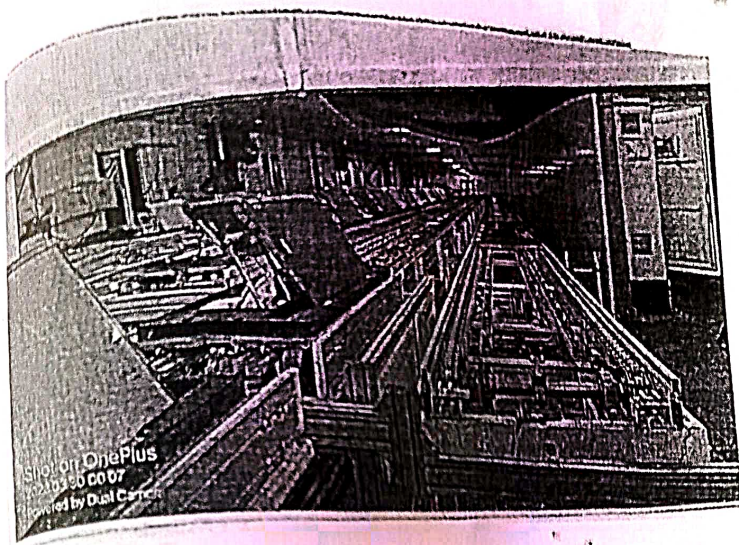
(iv) Testing of TV panel incase of Any damages like bolts, ~~leaking~~ joints and v-lines.



checking of back panel inspection and ports at
Testing phase



ii) Assembling of speakers, I/O's, mother boards at
input stage.



(ii) Aging section in the sheds having high
humidity.



(iii) Testing of TV panel incase of Any damages
tools, testing points and v-lines.

Junior Semester Internship

- To explore career alternatives prior to graduation.
- To explore interests and abilities in the field of study.
- To assess interpersonal communication, interpersonal and other critical skills in the future job.
- To develop additional skills required for the world of work.
- To acquire employment contacts leading directly to a full-time job following graduation from college.

Assessment Model:

There shall be both internal evaluation and external evaluation

The Faculty Guide assigned is in-charge of the learning activities of the students and for the comprehensive and continuous assessment of the students.

The assessment is to be conducted for 200 marks. Internal Evaluation for 50 marks and External Evaluation for 150 marks

The number of credits assigned is 12. Later the marks shall be converted into grades and grade point to include finally in the SGPA and CGPA.

The weightings for Internal Evaluations shall be:

- o Activity Log 10 marks
- o Internship Evaluation 30 marks
- o Oral Presentation 10 marks

The weightings for External Evaluations shall be:

- o Internship Evaluation 100 marks
- o Viva-Voce 50 marks

The External Evaluation shall be conducted by an Evaluation Committee comprising of the Principal, Faculty Guide, Internal Expert and External Expert nominated by the affiliating University. The Evaluation of the Intern shall also consider the grading given by the Supervisor of the Intern Organization. The Activity Log is assessed within

Activity Log is the record of the day-to-day activities. The Activity Log is assessed on an individual basis, thus allowing for individual member consideration. The assessment will take into consideration

- the individual student's involvement in the assigned work.
- While evaluating the student's Activity Log, the following shall be considered -
 - a. The individual student's effort and commitment.
 - b. The originality and quality of the work produced by the individual student.
 - c. The student's integration and co-operation with the work assigned.
 - d. The completeness of the Activity Log.
 - The Internship Evaluation shall include the following components and based on Weekly Reports and Outcomes Description
 - a. Description of the Work Environment.
 - b. Real Time Technical Skills acquired.
 - c. Managerial Skills acquired.
 - d. Improvement of Communication Skills.
 - e. Team Dynamics
 - f. Technological Developments recorded.

MARKS STATEMENT
(To be used by the Examiners)

INTERNALASSESSMENTSTATEMENT

Name of the Student: K. Suresh Kumar

Programme of Study:

Year of Study: 2021 - 2024

Course: BSC [M.S.C.S]

Register No/H.T. No: 216030054008

Name of the College: Government Degree College, Rajahmundry.

University: Yogi Vemana University Kadapa.

S.No	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Activity Log	10	
2.	Internship Evaluation	30	
3.	Oral Presentation	10	
	GRAND TOTAL	50	

Signature of the Faculty Guide

Date:

EXTERNAL ASSESSMENT STATEMENT

Name of the Student: K. Surentha

Programme of Study: BSC [M.S.C.S]

Year of Study: 2021-2024

Register No/H.T. No: 216030054008

Name of the College: Government Degree College, Rajahmundry

University: Yogi Bheema University, Rajahmundry

Sl.No	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Internship Evaluation	80	
2.	For the grading giving by the Supervisor of the Intern Organization	20	
3.	Viva-Voce	50	
	TOTAL	150	
	GRAND TOTAL (EXT. 50M + INT. 100M)	200	

Signature of the Faculty Guide

Signature of the Internal Expert

External Expert



ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

(A Statutory Body of the Government of Andhra Pradesh)
6th Battalion Road

2nd, 3rd, 4th and 5th floors, Neeladri Towers, Sri Ram Nagar,

Atmakur (V) Mangalagiri (M), Guntur, Andhra Pradesh, Pin - 522 503

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