

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.

This report is a detailed overview of my internship journey at Dixon Technologies P. LTD in Thirupathi. During my internship I have learned a lot about communication and working experience with the company. manufacturing , International selling and it's different applications. I have known about the import and export. I have to learn to work in TV manufacturing process. It not only enriched me professionally but also helped me grow personally as well.

My contribution was appreciated by my supervisor and other members of the department. The career path I would be selectively for myself is quite influenced from my internship. However.. This report has been written in this Inter programme. I have tried my level best to make it meaningful be reflecting my works at the Dixon Technologies P.LTD . I have summarized my overall experience ,with my learning and challenges faced as an Intern.

CHAPTER 2: OVERVIEW OF THE ORGANIZATION

Suggestive contents

- A. Introduction of the Organization
- B. Vision, Mission, and Values of the Organization
- C. Policy of the Organization, in relation to the intern role
- D. Organizational Structure
- E. Roles and responsibilities of the employees in which the intern is placed.
- F. Performance of the Organization in terms of turnover, profits, market reach and market value.
- G. Future Plans of the Organization.

A) Dixon Technologies has established a manufacturing facility in Tirupati, Andhra Pradesh, India. The facility spans over 2 lakh square feet and is equipped with state-of-the-art infrastructure to manufacture consumer electronic and lighting products.

The Tirupati facility is Dixon Technologies' sixth manufacturing unit in India and is strategically located to cater to the growing demand for consumer electronics in South India. The facility is expected to create employment opportunities for over 2,000 people in the region.

The Tirupati facility has a production capacity of up to 1 million LED TVs and 1 million LED lights per year. The company plans to manufacture a wide range of products at this facility including washing machines, air conditioners, and other home appliance.

The company aims to leverage the strong manufacturing ecosystem in Andhra Pradesh and tap into the region's growing consumer market.

B) Vision, mission, and values of the organization.

Dixon Technologies is an Indian multinational company that specializes in electronics manufacturing services, including consumer electronics, lighting, home appliances, security systems, and healthcare products. Here the company's vision, mission and values:-

Vision:-

To be a leading technology manufacturing and services company in India and beyond, providing innovative and quality products and services to customer worldwide.

Mission:-

To constantly innovate and enhance our products and services to meet the evolving needs of our customers, while maintaining the highest standard of quality and reliability.

Values:-

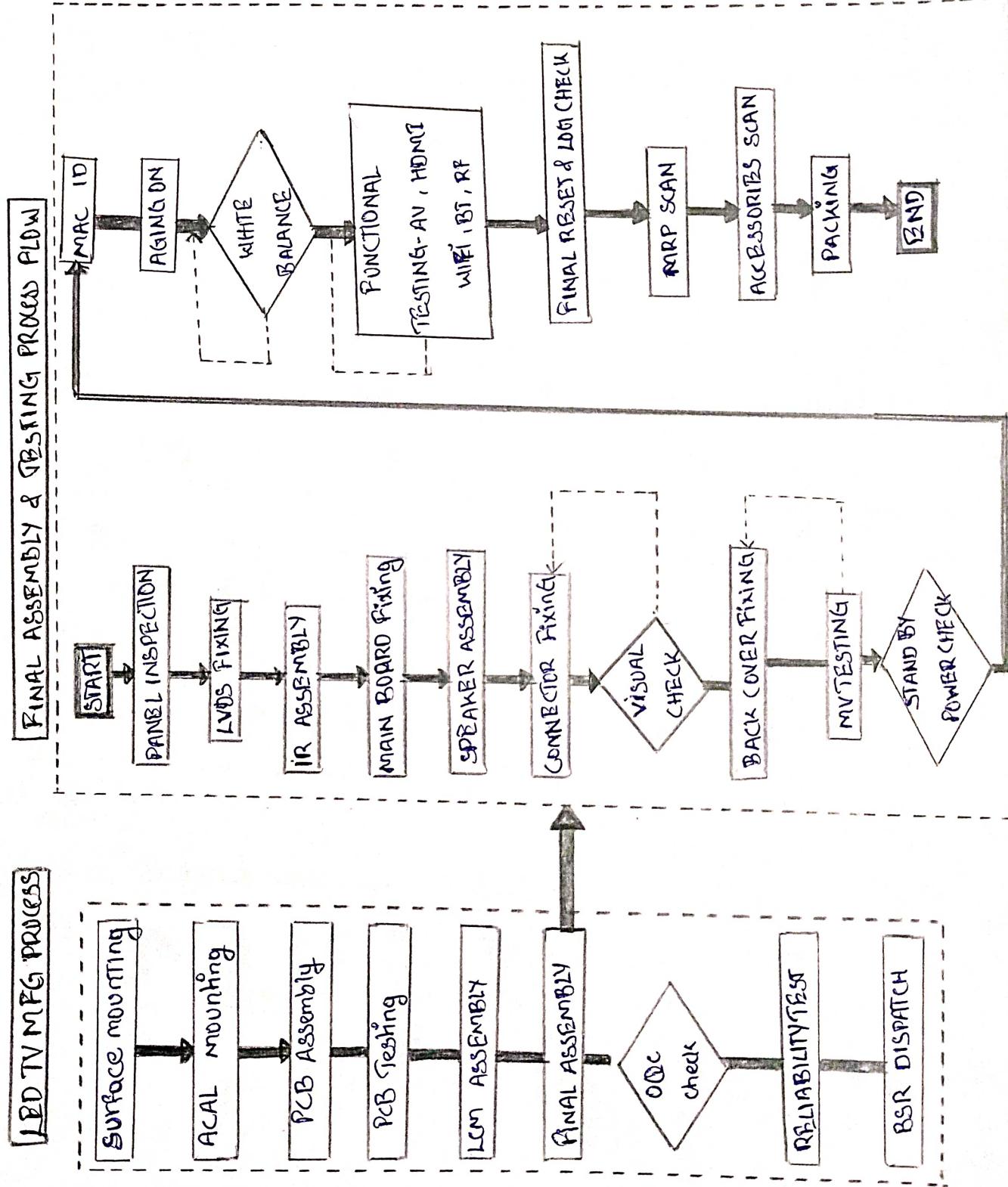
- * **Customer First:** Our customers are the heart of everything we do. We strive to exceed their expectations and provide them with the best products and services.
- * **Excellence:** We are committed to excellence in everything we do. We continually improve our processes, products, and services to achieve the highest levels of quality.
- * **Integrity:** We believe in doing the right thing, always. We act with honesty, transparency, and fairness in all our dealings with customers, employees, and partners.
- * **Innovation:** We encourage creativity and innovation in all aspects of our business. We constantly seek new and better ways of doing things to stay ahead of the curve.

c) Policy of the Organization ,in relation to the Intern role

The Company has established several policies to guide its operations and ensure that it meets its obligations to stakeholders. Some of the key policies of Dixon Technologies include.

- * **Code of Conduct:** Dixon Technologies has a code of conduct that sets out the ethical and legal principles that govern the conduct of its employees, officers, and directors. The code of conduct covers areas such as conflicts of interest, bribery and corruption, and protection of confidential information.
- * **Health, Safety and Environment policy:** Dixon Technologies is committed to providing a safe and healthy working environment for its employees and to minimizing the impact of its operations on the environment.
- * **Quality policy:** Dixon Technologies is committed to providing high-quality products and services that meet or exceed customer expectation. The company has established a quality policy that sets out its commitments to quality and provide guidelines for its employees to follow.
- * **Anti-corruption policy:** Dixon Technologies is committed to combating corruption in all its forms. The company has established an anti-corruption policy that sets out its commitment to preventing and detecting bribery and corruption.
- * **Human Rights policy:** Dixon Technologies is committed to respecting human rights and promoting fair and ethical labor practices. The company has established a Human Rights policy.

D. Organizational Structure



E) Roles and responsibilities of the employees in the intern is placed.

The roles and responsibilities of employee of Dixon Technologies will vary depending on their job function and level of seniority. However, there are some general expectations that apply to all employees, including:

- Compliance with company policies and procedure: All employees are expected to comply with Dixon Technologies' policies and procedure, including the code of conduct, health, safety and environment policy, Quality Policy, Anti-corruption policy and Human Rights policy.
- Professionalism and teamwork: Employees are expected to conduct themselves in a professional manner and work collaboratively with colleagues to achieve common goals.
- Performance and productivity: Employees are expected to perform their job duties to the best of their ability and meet or exceed performance and productivity targets.
- Continuous learning and development: Employees are expected to take ownership of their learning and development, seeking out opportunities to improve their skills and knowledge to better support the company's goals.
- Communication and collaboration: Employees are expected to communicate openly and transparently with colleagues and other stakeholders, sharing information and ideas to drive innovation and collaboration.

F) Performance of Dixon Technologies in terms of turnover, profits and market value.

According to its annual reports, Dixon Technologies has experienced strong growth in recent years.

For Example:-

- In the fiscal year 2020-21, Dixon Technologies reported a consolidated revenue of INR 11,073 crore (approximately USD 1.5 billion), up from INR 4,800 crore (approximately USD 641 million) in the previous year.
- The company's profit after tax in 2020-2021 was INR 344 crore (approximately USD 46 million) up from INR 134 crore (approximately USD 18 million) in the previous year.
- Dixon Technologies' market capitalization has also increased significantly in recent years. As of March 2021, the company's market cap was approximately INR 26,000 crore (approximately USD 3.5 billion), up from INR 2,600 crore (approximately USD 351 million) in 2017.

These figures suggest that Dixon Technologies has been performing well in terms of turnover, profit and market value in recent years, indicating strong growth and market confidence in the company. However, it's important to note that past performance is not a guarantee of future results, and various factors can impact a company's financial performance.

E. Future Plans of the Organization

Dixon Technologies is a leading electronic manufacturer and solutions provider in India, and the company has been expanding its operations in recent years. Some of its future plans include:

Diversifying its product portfolio. Dixon Technologies plans to expand its product portfolio by adding new product line in areas such as lighting, appliances, and healthcare.

Expanding its manufacturing capabilities. The company plans to increase its manufacturing capacity by setting up new facilities and expanding existing ones. Investing in R&D. Dixon Technologies plans to invest in research and development to develop new technologies and products that can drive growth and innovation.

Increasing its focus on export. The company plans to increase its export to new markets particularly in Europe and the United States. Strengthening its partnerships. Dixon Technologies plans to strengthen its partnership with key customers and suppliers to drive growth and improve its supply chain efficiencies.

Investing in digital transformation. The company plans to invest in digital technologies and solutions to enhance its operational efficiency and customer experience.

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.

In the Intern organization (Dixon) during Internship we done the activities like quality control and testing, research and development, Logistics and supply chain management, manufacturing and assembling electronic products and sales and marketing.

The working conditions has a code of conduct that emphasizes employee safety and well-being, and the company to ensure their continued growth and learning. The company also offers competitive salaries and benefit package to attract and retain talented employees.

Additionally Dixon Technologies has implemented various measures to ensure that its employees are working in a safe and secure environment.

The weekly work schedules is employees working in manufacturing and production roles may have fixed shifts or rotating shifts, which may include day, evening or night shifts depending on the production requirements. These employees may work for 8-10 hours per day, depending on the company's policies and regional regulations.

The actual work schedule may vary depending on the specific job role and business requirements. Dixon Technologies may also offer flexible work arrangements, such as telecommuting or flexible hours, to provide its employees with a better work-life balance.

The skills the intern acquired "Technical Skills" A solid foundation in electronics engineering or related fields is essential for working in this industry.

"Communication Skills" Effective communication skills, both verbal and written, are crucial for success in any job in the electronic manufacturing industry. "Problem Solving Skills" Electronic manufacturing is a complex process that involves multiple stages, and problems are bound to arise. "Attention to Detail" Electronic manufacturing requires precision and accuracy in every aspect of the job. "Adaptability" The electronic manufacturing industry is constantly evolving, and new technologies and techniques are always being introduced. Being adaptable and open to change can be valuable in this industry.

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	I visit the company and introduced my self to the Contractor.	Introduction	
Day - 2	To day Contractor introduced me to the H.R Ashok sir and I did some paper work to join in the company.	meeting with H.R	
Day - 3	Today supervisor explained the whole manufacturing process of the G.L.E.D.T.V	know about the manufacturing process	
Day - 4	In this Company the raw materials Importing from different ent from other countries.	Importing of raw materials.	
Day - 5	To day we saw the entire company and in this company there are 9 sheds.	visiting of sheds	
Day - 6	In that 9 sheds two sheds are using for logistics. and 7 sheds are used for manufacturing process.	logistics products.	

WEEKLY REPORT

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

Objective of the Activity Done:

Trying process

Detailed Report:

In this 1st week I visit the company Dixon P.LTD. In this company they are provide a contractor for the Internship program.

The contractor that he will introduce his

self to us. and he will explain that

How to start the Internship program in

The company. we can get a meeting with

H.R Ashok Kumar Sir he will explain

about the company formation. Finally

I did some paper work to join in the

company for my Semester Internship program

We visit the their Company. we know

that the Dixon Company was manufacturing

C.V's. In that meeting they will explain

the safety problems. and their company

Information. and also life policy for

the employees. we can know the maximum

salary the provides for employee.

ACTIVITY LOG FOR THE SECOND WEEK

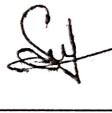
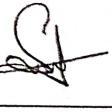
Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	In that 7 sheds different are manufacturing different types of company TVs.	Different types of company TVs.	
Day -2	I visit the store room imported that the raw materials are stored in there	About the store	
Day -3	To know the motive of the organisation	Intention of the organisation	
Day -4	To know the process of production	How to produce the goods	
Day -5	To produce the goods how to convert raw materials in the machinery	To insert the raw materials in the machinery	
Day -6	To convert the raw materials into goods	How to convert the raw materials in to finished goods	

WEEKLY REPORT

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

Objective of the Activity Done:	Information about organization.
Detailed Report:	
	This week we make report for the company structure. In this entire company they are 10 sheds. are in that sheds some sheds used for manufacturing process and some sheds are used for storage in this company they are manufacturing different type of company TVs. in some sheds they are store the products to transfer. The products are transfer in lorries. we visit the store room; also in that store room that the Imported raw materials are stored in there and detaily know about the stores. In our manufacturing process the raw materials are imported from different place. and converted the raw materials into products. to know the motive of the organisation.

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Senior staff are explaining about the company and the working process	class for the working process in the company.	
Day - 2	In this company they are manufacturing L.E.D T.V's.	manufacturing products	
Day - 3	1) INI 4) LLOYD 7) Samsung 2) VU 5) PHILIPS 8) Tashiba 3) HISENSE 6) PANASONIC 9) DELL	manufacturing different companies T.V's.	
Day - 4	They are providing life insurance for the employees for any accident.	safy problems that is providing in the company.	
Day - 5	In this manufacturing process the raw materials are imported from different places	Importing process	
Day - 6	Imported goods are converted into final products and the products are Export to other states and countries.	Export process	

WEEKLY REPORT

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

Objective of the Activity Done:

Types of TV companies in's manufacturing

Detailed Report:

This week we know about the TV companies and working process. In this company they are manufacturing L.P.D. TV's. Different type of companies are contract with the company to manufacture there TV's.

In this company they are a TV companies are making TV's with the company they are:

- | | | |
|------------|--------------|------------|
| 1) MI | 3) LLOYD | 7) Samsung |
| 2) VU | 5) PHILIPS | 8) Toshiba |
| 3) HISENSE | 6) PANASONIC | 9) HBZL |

These companies are contract with the Dixon company for some particular years.

The facilities that company provided to the employees. like food facilities, health facility, and some policy for any accident or death.

This made the employees to work properly.

ACTIVITY LOG FOR THE FORTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	T.V panel typically refers to the display screen of a television . the panel is the part of the T.V	Panel Inspection	
Day - 2	T.V panels come in various sizes. ranging from small displays suitable.	Range of T.V panel	
Day - 3	T.V panels will come in different sizes that are 32, 40, 55, 65, 75, 100 inches	Sizes of T.V panel	
Day - 4	T.V electronic compartments assemble.	Assembling	
Day - 5	The back cover of a T.V is attached using screws and clips.	Fixing of Back Cover	
Day - 6	manufacturers will typically have specific quality control problems	Fixing of Back Cover	

WEEKLY REPORT

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

Objective of the Activity Done:

Inspection of TV panel

Detailed Report:

This week we know about the TV panel inspection. TV panel typically refers to the display screen of a television. Physical inspection may involve looking for defects in the panel, such as scratches, cracks or other damage. The panel must be free from any physical imperfections that may affect performance or appearance.

Functional inspection involves testing the panel's display quality (brightness, color accuracy, contrast ratio, and other performance metrics). The panel must meet certain standards for each of these metrics in order to ensure that the final product meets customer expectations.

Overall, TV panel inspection is an important part of the manufacturing process to ensure that the final product meets quality standards and provides a high-quality viewing experience for consumers.

ACTIVITY LOG FOR THE FIFTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	The TV classis will need to be prepared for the power cord attachment.	Preparing the TV classis	
Day - 2	Once the classis is ready the power cord will be connected to the TV.	Connecting the power cord	
Day - 3	After the power cord is attached the connecting is need to be tested to ensure	Testing the connecting	
Day - 4	Once the power cord connection have been tested & verified the TV classis will be closed up	Finalyssing the assembly.	
Day - 5	Depending on how the TV is fixed in the input side you may need different tools	Using proper tools for Fixing	
Day - 6	TV physically fixed in input side	TV Input side	

WEEKLY REPORT

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

Objective of the Activity Done: Preparing of different chassis

Detailed Report:

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

Steps:

- * Ensure that the TV set is plugged into a power source and turned on.
- * Use the remote control to navigate to the desired TV channel or program.

Some tips for a better TV viewing experience

- Choose a comfortable viewing location and adjust the lighting to reduce glare.
- Take breaks if watching for an extended period to avoid eye strain.
- Experiment with different picture and sound setting to find the best configuration for your preference.

ACTIVITY LOG FOR THE SIXTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	The power-on condition of ageing is 25 minutes.	Ageing	
Day - 2	The ageing process is used to verify the problems and show them	Verifying problems in ageing	
Day - 3	Testing is another important process in manufacturing of TVs	Testing	
Day - 4	HDMI is the Highdefinition multimedia interface it is an all digital audio video transmit information.	Testing HDMI Highdefinition multimedia interface	
Day - 5	Local area network is a computer that covers a small are typically within a single campus	Testing LAN	
Day - 6	During TV manufacturing radio frequency testing involves measuring the amount of electromagnetic radiation.	Testing R.F	

WEEKLY REPORT

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

Objective of the Activity Done:

Aging in power on condition.

Detailed Report:

Aging is an important process in TV manufacturing that involves testing the TV panels and components to ensure their quality. In the aging process, the TV panels and components are subjected to various tests such as temperature and humidity variations, to simulate real-world usage conditions. This helps to detect any issues that may arise over time and ensure that the TV are durable and reliable.

The aging process can also help to improve the overall quality of the TVs by identifying and correcting any defects during the testing process, manufacturers can reduce the likelihood of customer complaints and returns.

Overall, the aging process is a crucial step in TV manufacturing that helps to ensure that the products are of high quality, reliable, and meet customer expectations.

ACTIVITY LOG FOR THE SEVEN WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	White balance is a checking of TV panel screen	The process of W.B stage	
Day - 2	In this stage the W.B means that it is colour analyser of the TV	W.B is an colour analyser	
Day - 3	A small device, especially an electrode, used for measuring, testing the TV	the white balance having the 410 probe	
Day - 4	410 probe it have three colour R, G, B the path runs checking to TV screen	Checking of probe with different colours	
Day - 5	If any abnormal colours like (black, blue, white) TVs can't pass in W.B stage	TV's passing stage	
Day - 6	Finally the TVs are checking with USB cable USB (Universal serial bus)	Final checking with USB	

WEEKLY REPORT

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

Objective of the Activity Done:	T.V White Balance Adjustment
Detailed Report:	<p>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 color temperature of a display match the lighting conditions of the environment where it will be used.</p>
	<p>During the manufacturing process, technicians use specialized equipment to measure the color temperature of the screen and make adjustments so that red, green and blue colors are displayed accurately. This process is typically performed at the factory but some TVs also include user controls for adjusting the white balance to match specific lighting conditions in a room.</p>
	<p>Without proper white balance, colors may appear too warm (yellowish) or too cool (bluish), which can be distracting and make it difficult to accurately assess image quality.</p>

ACTIVITY LOG FOR THE EIGHT WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	The back cover of the TV is usually made of plastic or metal	The Back cover preparation and passing Back cover	
Day - 2	Closing of unwanted holes with black tapes to protect the TV with dust	Closing of holes with using of tape	
Day - 3	Attaching of clips to the back cover for inserting of motherboard	Fixing clips in Back cover	
Day - 4	Checking damages in the back cover like scratches, painting problem and bends	Checking the damages in Back cover	
Day - 5	Cleaning of the back cover with specific air pressure to remove dust	Cleaning of Back cover with air	
Day - 6	The Back cover will be cleaned with specific liquid all 3 sides except bottom:	Cleaning the cover with liquid	

WEEKLY REPORT

WEEK - 8 (From Dt..... to Dt: Dt.....)

Objective of the Activity Done:

Back cover Fixing process

Detailed Report:

The back cover of the TV is usually made of plastic or metal. It ensures that the components inside the TV are properly protected and secured.

The back cover is first inspected for any defects or damage. The surface of the back cover is cleaned to remove any dust or debris that could affect the adhesion of the adhesive tape or screws.

The adhesive tape is applied to the inner edge of the back cover to ensure that it adheres firmly to the TV frame. In addition to the adhesive tape, screws may also be used to secure the back cover to the TV frame. The screws are inserted into pre-drilled holes on the back cover.

Cleaning the back cover of a TV. 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 NINETH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	Moving of Back cover to input stage of LCM (Liquid crystal module)	Moving Back cover into LCM	
Day -2	Scanning Back cover for checking serial number to know that the Back cover is pass or fail	Scanning Back cover Bar code.	
Day -3	Scanning of Led Light Bar and it will be linked to specific Bar code of Back cover	Scanning of LED Light Bar's	
Day -4	Sticking of Led lights to Back covers by wing glue	Sticking of LED Bars	
Day -5	Tapping of LED Bars for safety purpose and stiffness	Tapping of LED Bars	
Day -6	Fixing of wires to the LED Bar's for power supply	Fixing of wires	

WEEKLY REPORT

WEEK - 9 (From Dt..... to Dt.....)

Objective of the Activity Done:

Process of input stage in LCM

Detailed Report:

In this week we work in the one of the main manufacturing process of LCM stage (Liquid crystal module). In LCM stage the room was fully protected from dust, and also fully AC cooler. In LCM they are three stages Input, open cell and output stage.

First we are learn about the Input stage

In LCM. On this stage first scanning of Back Cover checking serial number to know the particular Back cover is pass or fail in before stage. Then scanning of LED light Bar that each LED light Bar consider of 5 LED lights and the light Bar are linked to specific Bar code of the Back cover.

The light Bar's was fixed in the Back cover with wing of glue. and then connecting electric wires to the light Bar's for power supply.

ACTIVITY LOG FOR THE TENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Changing of Back Cover into another conveyor on top of Ballot	Passing Back Cover to another line	
Day - 2	Placing of Back light Sheet on top of LBD Bar	Fixing of LBD Back Light Sheet	
Day - 3	Fixing supporters in the Back Cover for the screen protection.	Fixing of supporters	
Day - 4	Screwing the supporters for stiffness. with machine	Screwing of supporters	
Day - 5	Final checking of Back cover in LCM input side	Final checking	
Day - 6	Passing of Back covers from LCM Input to open cell in LCM	Passing of BackCover to open cell in LCM	

WEEKLY REPORT

WEEK - 10 (From Dt..... to Dt.....)

Objective of the Activity Done:

Placing of Back light sheet

Detailed Report:

This week also continue in the same stage for some more progress in the stage.

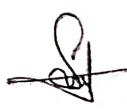
Placing of Back light sheet on top of LCD Bar
Fixing supporters in the back cover for the display screen protection and screwing the supporters for stiffness with the help of screwing machine.

In the case of a liquid crystal display (LCD) TV, the input stage would involve receiving the various components such as the LCD panel, backlight circuit boards, power supply and other hardware. Each component would undergo a series of test and inspections to ensure that they meet the required specifications and quality standards.

Once the components pass inspection, they would be assembled into the TV set, and undergo further the quality checks and testing.

The Input stage as it gets the foundation for the quality and reliability of the finished product.

ACTIVITY LOG FOR THE ELEVENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	Preparing of white sheet for the purpose of brightness of TV screen	Preparing of white sheets	
Day -2	Checking of Back lights for any damages in light	Checking of LED Light Bar	
Day -3	Fixing of white sheet and also checking that for any damages	Checking of white Sheet Damages, dust, Black dots.	
Day -4	While cleaning the white sheet by using vacuum cleaner	Cleaning of white sheet	
Day -5	Check The open cell ton checked for any damages with help of led light table	Testing open cell	
Day -6	Fixing of open cell on top of Back Cover	Fixing of open cell	

WEEKLY REPORT

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

Objective of the Activity Done:

Backlight checking in LCM

Detailed Report:

This week conduct the program in open LCM that Backlight checking in TV manufacturing.

In a typical LCM 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 specific pattern to 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, and color balance. This process may be automated using specialized equipment, or performed manually by trained technicians.

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

ACTIVITY LOG FOR THE TWELVETH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	Removing of Double tape cover under the open cell to fix it	Removing of Double tape cover glass cut	
Day -2	Rolling up the display panel with roller in 3 sides of panel	Rolling of panel for stiffness	
Day -3	Removing of white cover in panel. due for the scratches	Removing of cover	
Day -4	The 4 sides of the panel will stay tapped for some more support.	Gapping of 4 sides of the Grove	
Day -5	In the panel that open cell can connected to FFC to connect the main board	Fixing FFC to open cell	
Day -6	Gapping of Browning in panel for protecting from electric waves	Gapping of Browning	

WEEKLY REPORT

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

Objective of the Activity Done:

Fixing open cell and FFC

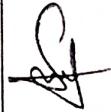
Detailed Report:

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 backplane, which includes the circuitry for controlling the individual pixel of the display. This process is known as the closed cell process.

FFC (Flexible Flat Cable) are thin, flat ribbon-like cables that are used to connect various components within a TV, such as the LCD panel, control board, backlight, and other hardware components. They are commonly used in LCD TVs because of their flexibility, high-density connector options, and ability to transmit signals over longer distance than other cable types.

ACTIVITY LOG FOR THE THIRTEENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	Fixing of plastic bar under the T.V panel with the help of screwing	Fixing of Plastic Bar	
Day -2	Dark room: Passing of panel into Dark room for checking of Panel	Passing of Panel	
Day -3	Different types of problems in panel. Black dots, white dots, brown dots, ghost images Problems	Damages in Panel	
Day -4	The fixing FPC are checked in Dark room with system	FPC checking	
Day -5	The panels are final scanning that the panels is properly made or not	LCM output scanning	
Day -6	that the pass panels are transfer to P.A line and some panels are stored	Storing of panels in trolley	

WEEKLY REPORT

WEEK - 13 (From Dt..... to Dt.....)

Objective of the Activity Done:

The process of dark room checking.

Detailed Report:

During the dark room checking process the TV is placed in a specially designed dark room. where the ambient lighting is controlled and minimized. The TV is then connected to a signal generator, which displays various test patterns and images on the screen.

Technicians then examine the TV screen for any defects such as pixel defect, color banding or backlight bleeding. Then also check for uniformity of brightness and color across the screen. and the ability of the TV to display deep blacks and accurate color in low light conditions.

The dark room checking process is essential for ensuring that the TV is capable of delivering a high-quality viewing experience particularly for movies or TV shows with dark or dimly lit scenes.

any defects or issues with the display can result in a poor viewing experience and customer dissatisfaction, dissatisfaction.

ACTIVITY LOG FOR THE FOURTEENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	In P.A line the first process is panel inspection and M.B. fixing and FATVSN scanning	M.B preparation in PA Line	
Day -2	FFC assembled and Back cover assembling & fixing of connectors	IR Preparation & speaker wire prepare and wifi preparation	
Day -3	Testing the panel of Fixing not and it is tested with USB	USB Testing	
Day -4	Back cover fixing & moved to scanning section	scanning of Back cover	
Day -5	The scanning section the scanning concrete will take 20 minutes	time taken to scan Back cover	
Day -6	speakers are tested in this stage with different type of sounds.	Testing of speaker	

WEEKLY REPORT

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

Objective of the Activity Done:

process of PA (Final Assembly) stage

Detailed 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 PA stage, the LCD panel, backlight unit, power supply, control board, and other hardware components are assembled into a TV chassis. The TV chassis is then inspected for defects and undergoes various tests and checks to ensure that all the components are working correctly and communicating with each other.

The power supply provides the necessary voltage and current to the TV's internal components. It is typically assembled into the TV chassis during the FA 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.

ACTIVITY LOG FOR THE FIFTEENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	In this stage Dot Inspection of ADONI Testing	Dot Inspection	
Day -2	In this process Land wifi are tested with specified system R.F part testing	Land wifi Testing	
Day -3	Resetting the panels After being checked the panel	Reset the program in panel	
Day -4	MRP is sticker are fixed and they will do an final inspection of TV	MRP Scanning & Final inspection	
Day -5	The packing of TV's with accessories like TV stand remotes and wall screws	Packing of TV's	
Day -6	After fining of TV it will be exported to different cities of some other countries	Export	

WEEKLY REPORT

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

Objective of the Activity Done:

Input output parts and Export

Detailed Report:

Input output parts. The part's like such as HDMI, USB and Ethernet parts, 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 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 critical for assembling.

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

Exporting:

Siron Technologies has collaborated with Thirupati Group to manufacture and export electronic products to various countries. The collaboration aims to leverage Siron's expertise in electronic manufacturing and Thirupati's expertise in global textile exports to expand their market reach.

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.)

As for people interaction at Dixon Technologies, it's likely that the company has various interaction between employees, customers, and stakeholders. These interaction may include communication through email, phone and in-person meeting as well as collaboration on projects, resolving customer issues, and discussing business strategies.

Some of the common facilities that may be available in this organization. manufacturing facilities has state-of-the-art manufacturing facilities. Research and Development facilities invests heavily in research and development to create innovative products for its clients. Quality control facilities processes in place to ensure that the products it manufactures meet high-quality standard. customer service facilities has a strong focus on customer service and may have dedicated facilities.

The job role in the company may done is supply chain manager. A supply chain manager manages the flow of raw materials and finished goods for the manufacturing. This role involves coordinating with suppliers, managing inventory and ensuring that materials.

Effective time management is a critical aspect of any successful organization, including Dixon Technologies. As a technology company that provides design, manufacturing and after-sales service, Dixon Technologies likely has various processes and tools in place to ensure effective time management.

Dixon Technologies may have an environmental protocol in place to reduce its impact on the environment. This protocol may include measures such as energy efficient lighting, recycling programs, and the use of environmentally friendly materials in manufacturing.

The organization may encourage open communication between employees, management, and other stakeholders. This may involve regular meetings, feedback sessions, and the use of collaborative tools such as online forums and messaging platforms.

Socialization in Dixon Technologies refers to the process of integrating new employees into the company culture and helping them establish meaningful relationships with their colleagues.

Collaborative work environment that encourages employees to work together and share ideas. This may involve open workspaces, shared workstations, and collaborative tools such as online project management systems. This can help to promote collaboration and idea-sharing and ensure that projects are completed efficiently and effectively.

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

1. Dixon technologies skills
2. Dixon technologies Reviews
3. Time management
4. Communication
- 5) problem-solving
6. Team work
7. Creating
8. Line Leader personal skills
9. Work ethic
10. Attention to details

It is quite harder to understand that there were some machines that provides the work in simple way.

There were many skills that I acquired in how to maintain a business, sell or market the product and also to get demand for the product. There will be other products but we have to create demand of our product.

Actually this helps us to develop our skills with meeting of different people. It helps to perform multi-tasking and maintain the multi works helps to do the work with integrity. Technical skills are the specialized knowledge and expertise required to perform specific tasks, and use specific tools and programs in real situations.

Technical skills are required in just about every field and industry. From IT and business administration to health care and education. Every job requires a different skillset and that's why the technical skills most demanded and very important for every career for a number of reasons.

In addition to Technical skills, hand skills are also important in ~~the~~ this company. Hand skills refer to the manual dexterity and precision required to assemble and test electronic components and products.

1. Soldering
2. Component Assembly
3. Testing and Inspection
4. Wiring and Cable Assembly
5. Mechanical Assembly
6. Quality Control.

The assembly of electronic components into products also requires hand skills. This include the handling of delicate components, placing them in the correct orientation and secure them to the PCB.

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.

When it comes to selecting students for their internship programs, employers have a set of five competencies that are crucial for students to possess. In terms of skills development, these are also among the skills employers and helping their interns to build during the students internships.

- * Information processing
- * Team work
- * Planning / prioritizing
- * Decision making
- * Verbal communication
- * problem solving

Students and supervisors also rated each individual soft skills significantly higher at the end of the internship compared to the beginning of the internship. The largest difference between pre-internship and post-internship soft skills were related to communication.

Supervisors also saw their interns make gains on the initiative scale, including "Logically approaching a problem", "approaching a problem independently" and requesting increased responsibility. Management or managerial skills fall into three basic categories: Technical, human relations, and conceptual skills.

Specialized areas of knowledge and expertise and the ability to apply that knowledge make up a manager's technical skills.

Management skills are abilities and traits needed to perform certain duties, usually as it pertains to overseeing a team, such as solving problems, communicating well and motivating employees. Such skills can be learned through practical experience, or in courses and then honed on the job.

The leaders at this company should be "visionary" and able to anticipate future trends in the industry. They should be able to create a vision for the company and set long-term goals to achieve that vision. Or should be able to manage people effectively. This includes recruiting and retaining top talent, providing opportunities for growth and development and creating a positive work culture.

Or should be results-driven and able to deliver on their promises. They should be able to measure and track progress towards goals and take corrective action if necessary.

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.,)

Communication is the act of conveying meaning to another person using mutually understood signs & 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, text messages, body language etc.
- The receiver is the person who receives the message and sends a reply.
- By applying these tips and practising often, you can often you can master the skills and learn how to be an effective communicator.

Effective oral communication in the workplace is an essential skill for workers in any industry or field. Oral communication can help to build stronger relationships with colleagues and clients, clarify complex information, and improve team collaboration and problem-solving.

Pay attention to what others are saying, and ask questions or seek clarification when needed.

Be confident and assertive: speak up when you have something to contribute, and don't be afraid to express your opinions or ideas. Use simple language and avoid jargon or technical terms that others may not understand. maintain eye contact, use appropriate gestures and facial expressions, and stand or sit up straight.

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.

1. volunteer to give a presentation.
2. Ask to host a team meeting
3. seek feedback from your peers as well as our manager
4. practise your "small talk" at informal times.
5. Reach out to those in a similar situation
6. keep on learning and practising

This is something that is worked on during your "Worked Integrated Learning program" to help you develop and grow these skills just in time for your internship.

It's common knowledge that the best leaders are excellent and highly effective communicators.

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

In this organization there are some discussion and meeting held weekly once, where we discuss about the financial growth and profit and losses in each and every aspect of showroom.

Our owner in the workshop takes the leadership and explained how to deal with problem and finding some solution through the skills which we learned from this internship.

I gained some leadership qualities and leading motivating the team to fulfill the requirements of the clients basis on their needs. I used to manage the team and also the workshop in the absence of the owner or workshop manager.

I went to advertising at the time. I was a team member and learned some behaviour analysis of customer who come for enquire and I was taught them by our team to chat with customer with policy and also with respectively.

Designers are responsible for creating the overall look and feel of the TV, as well as the layout of the components and internal hardware. They work closely with engineers to ensure that the design can be manufactured within the required specifications.

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

TV manufacturers 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) TVs offer superior picture quality compared to traditional LED TVs, 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 colors and contrast, making the image more vibrant and lifelike.

Smart TVs are internet-connected devices that allow users to stream movies and TV shows, browse the web, and use apps directly on their TV.

Many modern TVs come with built-in voice control, allowing users to navigate menus and search for content using voice commands.

The technological 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.