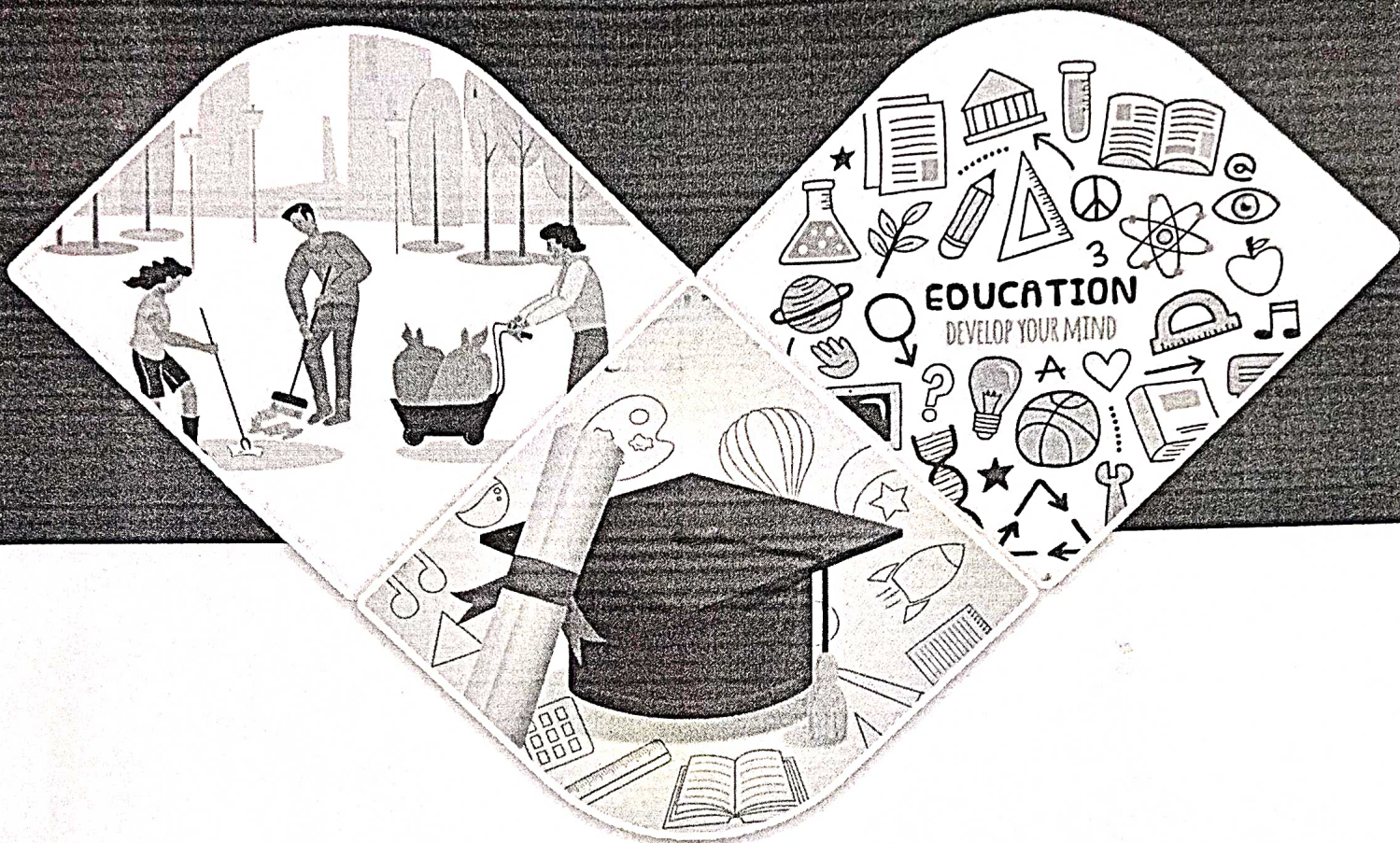
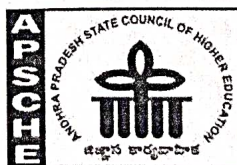


Model Program Book



SEMESTERINTERNSHIP

Designed & Developed by



**ANDHRAPRADESH
STATECOUNCILOFHIGHEREDUCATION**

(ASTATUTORYBODYOFGOVERNMENTOFAND

PROGRAMBOOKFOR SEMESTERINTERNSHIP

Name of the Student: N. Bhaskar

Name of the College: Govt Degree College Rajampet

Registration Number: 2160300541013

Period of Internship: 3 months From: 01/07/24 To: 01/05/25

Name & Address of the Intern Organization: Dixon Technologies Global
517001, Andhra Pradesh

University

YEAR

An Internship Report on

DIXON TECHNOLOGIES PVT LTD TIRUPATI

(Title of the Semester Internship Program)

Submitted in accordance with the requirement for the degree of

III B.Sc MSCS

Under the Faculty Guidance of

DR. M. JAYA CHANDRA

(Name of the Faculty Guide)

Department of

Mathematics

(Name of the College)

Submitted by:

N. BHODKOTI

(Name of the Student)

Reg.No: 216030054013

Department of Mathematics

Government Degree 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 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.

-----<<@>>-----

Student's Declaration

I, N. Bhaskar a student of III BSC MSCS
Program, Reg. No. 216030054013 of the
Department of MATHEMATICS College do hereby declare that I have
completed the mandatory internship from 01/02/2024 to 01/05/2024
DIXON PVT LTD in (Name of
the intern organization) under the Faculty Guidance of
K. S. Lakshmi (Name of the Faculty Guide), Department of
MATHEMATICS,
GOVT Degree college Rajampet (Name of the College)

N. Bhaskar
(Signature and Date)

Student's Declaration

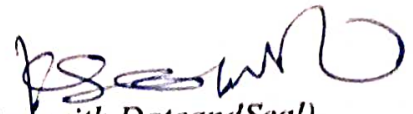
I, N. Bhaskar a student of III BSC MSCS
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Department of MATHEMATICS College do hereby declare that I have
completed the mandatory internship from 01/02/2024 to 01/05/2024
DIXON PVT LTD in (Name of
the intern organization) under the Faculty Guidance of
K. S. K. K. K. (Name of the Faculty Guide), Department of
MATHEMATICS,
GOVT Degree college Rajampet (Name of the College)

N. Bhaskar
(Signature and Date)

Official Certification

This is to certify that N. Bhaskar (Name of the student) Reg. No. 16030051013 has completed his/her Internship in DIYON PVT LTD (Name of the Intern Organization) on Production FA (Title of the Internship) under my supervision as a part of partial fulfillment of the requirement for the Degree of III BSC MSCS in the Department of GIDC Rajampet (Name of the College).

This is accepted for evaluation.

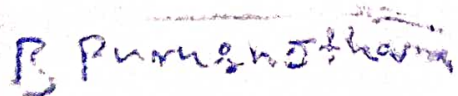

(Signatory with Date and Seal)

Endorsements

Faculty Guide 

Head of the Department

Principal



Certificate from Intern Organization

This is to certify that N. Bhaskar (Name of the intern)
Reg.No 216030054013 of GIDC, Rajampet (Name of the
College) underwent internship in Dixon Technologies Pvt Ltd (Name of the
Intern Organization) from 01/02/2024 to 01/05/2024

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


Authorized Signatory with Date and Seal

QUEST
WINNING TOGETHER

CERTIFICATE OF INDUSTRIAL TRAINING

This certificate is presented to Mr / Miss N. Bhaskar

for successful

completion of the Industrial Training on "Production FA" at DIXON Technologies (I) Limited,

Verdeed Mandal, Near Tirupati Airport, Tirupati District Andhra Pradesh,

Training from _____ to _____.

QUEST Corp Limited

Dixon

The brand behind brands.

Dixon Technologies (India) Limited

QUEST Corp Limited (Formerly IMA Human Capital Solutions)

Tirupati - 517501, Andhra Pradesh

Acknowledgements

First of all we would like to thank our college principal sir Dr. B. Purushottam sir for showing us a way to do Internship in such a reputed company. We would like to thank Ewon company URI and contractors for giving the opportunity to do Internship in the company.

It is immense pleasure that we would like to express our gratitude to the line tech Purushottam and testing operator Ayyappa for guiding us in the every step of Intern project work. Their guidance throughout the Intern help us to gather an extent for inspiring us all facilitation and result as needed for project.

We wish to thank Jaritha (Sr. Testing operator) in second shed who gave me moral support and doing the Internship work very well.

We owe our sincere gratitude to Dr. B. Purushottam sir, principal of our college for providing a great support and for giving us the opportunity of doing project work.

We are thankful to our college management for providing all facilities in time to us for completion of our project.

Contents

1. Introduction of students
2. School declaration
3. official certification
4. certificate from the school organisation
5. Acknowledgements
6. Executive summary
7. overview of the organisation
8. Internship part
9. Activity log for the first week weekly report...
10. Activity log for the second week weekly report.
11. Activity log for the third week weekly report.
12. Activity log for the fourth week weekly report.
13. Activity log for the fifth week weekly report...
14. Activity log for the sixth week weekly report...
15. Activity log for the seventh week weekly report...
16. Activity log for the eighth week weekly report..
17. Activity log for the ninth week weekly report..
18. Activity log for the tenth week weekly report..

19. Activity log for the eleventh week weekly report -
20. Activity log for the twelfth week weekly report -
21. Activity log for the thirteenth week weekly report -
22. Activity log for the fourteenth week weekly report - - -
23. Activity log for the fifteenth week weekly report - -
24. outcome description
25. photos
26. Evaluation
27. marks statement
28. Internal assessment statement
29. External assessment statement -

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 Private Ltd. in Tirupati. During my internship I have learnt a lot about communication and working experience with the company manufacturing International selling and its different Applications. I have known about the import and export. I have learnt to work in the 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 core path I would be selected for myself is quite influenced from my internship however this report has been in this Intern programme. I have tried my level best to make it meaningful by reflecting my works at the Dixon technologies by reflecting my private limited. 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. Introduction of the organization

Dixon Technologies has established a manufacturing company in market Andhra Pradesh India. The company spans over 2 lakh square feet and is equipped with stores of the products.

B. Vision, mission and values of organization:-

Dixon Technologies is an Indian multinational company that lies in electronics manufacturing services.

Vision:-

To be a leading technology, manufacturing and services company in India and beyond providing innovative quality products and services to customers world wide.

Values:-

- * Customer first - our customers are the heart of every thing we do we strive to exceed their expectation.
- * Excellence - we continually improve our process, products and services to achieve the highest levels of quality.
- * Innovation - we encourage creativity and innovation in all aspects of our business.

c. policy of organization relation to the interest rate.

The company has established several policies to guide its expectations and ensure that it meets its obligations to stock holders.

Some of the key policies of Dixon Tech. Holdings are

1. code of conduct, safety and environment policy,
2. quality policy, 4. anti-corruption policy 5. human rights policy.

E. Roles and Responsibilities of employees in the interest is paid -

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

1. compliance with company policies, procedures,
2. production and teamwork & performance & production,
3. continuous learning and development, 5) communication

F. performance of Dixon Technologies in terms of turnover, profits & market values.

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

Dixon Technologies has been improving well in terms of turnover, profit and market value in recent years. Including strong growth and increased confidence in the company. It is important to note to the future results.

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 have done so many 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 growth and learning the company also offers competitive salaries and benefit package to attract and retain talented employees

Additionally Dixon technologies has implemented various measure to ensure that its employees are working in a safe and secure environment

The weekly work schedule as employees working in manufacturing and production roles may have fixed shift or rotating shift which may include day Evening (or) night shifts depending on the on the 8-10 hour per day & depending on the company's policies and regulations.

The actual work schedule may vary depending on the specific job role and business requirements. Dixon technologies may also offer flexible work a better work balance

The skills the intern acquired technical skills a solid foundation in Electronics Engineering (or) relevant fields is essential for working in this industry.

communication skills effective communication skills both verbal and written are crucial for success in many roles in the electronics manufacturing industry problem solving skills are essential for manufacturing in a complex system that requires understanding of the process and people are bound to give attention to adaptability and manufacturing requires precision and accuracy in every aspect of the job. adaptability in every aspect of the job adaptability in the electronic manufacturing and techniques are being introduced being adaptable and open to change can be valuable to the 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 visited the company and introduced myself to the contractor	Introduction	K
Day-2	Today contractor introduced me to the HR's Mahila E. Sindhya and I did some paperwork regarding the company	meeting with HR	K
Day-3	Today supervisor explained the whole manufacturing process of LCR + V.	known about the manufacturing process	K
Day-4	In this company the raw materials are imported from different countries	Importing of raw materials	K
Day-5	Today we saw the entire company and in this company there are 8 sheds	visiting of sheds	K
Day-6	In that 8 sheds two sheds are used for logistics and 7 sheds are used for manufacturing purpose	Logistics & Production	K

WEEKLY REPORT

WEEK-1 (From 01/01/2020 to 07/01/2020)

Objective of the Activity Done:

Detailed Report:

In this past week I visited the company
Dixon Private Ltd. In this company they are
providing contracts for Internship program. The
contracted that he will introduce to all the
and they will introduce to all the
explore that has to start the Internship program.
In the company we can get a meeting with the
manager. She will explain about the company for
information. Finally I did some paper work to start
the company for my Internship program.
we visited the entire company. we know that
the Dixon company was manufacturing TV. In
that meeting they will explain the safety problems
information and also the policy for the employees.
we can know that the maximum salary
they 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 sheds manufacture different type of company TVs	Different types of company TV's	
Day-2	I visit the store room that the imported raw materials are stored in there	About the store	
Day-3	To know the motive of the organization	Invention of the organization	
Day-4	To know the process of the 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 into finished goods	

WEEKLYREPORT

WEEK-2(FromDt.....toDt.....)

ObjectiveoftheActivityDone:

DetailedReport:

This week we make report for the company structure. In this entire company. They are asked In that sheds some sheds used for manufacturing process and some sheds are used for storage in this company they are manufacturing different type are company T.V's. In some sheds they are store the products to transfer. The products are transfer in trucks. we visit the store room also in that store room that the Imported raw materials are stored in there and detailed know about the stored. In T.V manufacturing process the raw materials are imported from different place and converted the raw materials into products To know the motive of the organization.

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	data for the working process in the company.	
Day-2	In this company they are manufacturing using LED TV's	manufacturing products	
Day-3	1. LG 2. Haier 3. Samsung 4. VU 5. Philips 6. Toshiba 7. Hisense 8. Dell 9. Panasonic	Manufacturing different company TV's	
Day-4	They are providing life insurance for the employees for any accident.	safety problems that is providing in the company	
Day-5	In this manufacturing process the raw materials are imported from different place	Importing process	
Day-6	Imported goods are converted into final products and products are export to other sales countries	Export process	

WEEKLYREPORT

WEEK-3(FromDt.....toDt.....)

Objective of the Activity Done:

types of company T.V. manufacturing

Detailed Report:

This week we know about the T.V companies and working process. In the companies they are manufacturing LED T.Vs different types of company to manufacture there T.Vs. In this company, the are T.V companies they are.

1. MI 2. LG 3. Samsung 4. RU 5. Philips
6. Toshiba 7. Hiseng 8. Panasonic 9. DELL

these companies are contract with the Dixon company for some particular years. The facilities that company provided here the facilities and some policy for 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	TV panel typically refers to the display screen of a television. The panel is the part of the TV.	panel inspection	K
Day-2	TV panel comes in various sizes ranging from small displays to large.	Range of TV panel	K
Day-3	TV panels will come in different sizes that are 32", 35", 45", 75", 100 inches.	Size of TV panel	K
Day-4	TV Electronic components assemble	assembling	K
Day-5	The back cover of a TV is attached using screws & chips	fixing of back cover	K
Day-6	Manufacturers will typically have specific quality control process	fixing of back cover	K.

WEEKLY REPORT

WEEK-4 (From Dt. to Dt.)

Objective of the Activity Done: Inspection of T.V panel.

Detailed Report:

This week we know that the TV panel inspection. T.V panel typically refers to the display screen of a television, physical other damage. The panel must be free from any physical that may effects performance and appearance.

Functional inspection involves testing the panel display quality brightness, color, aspect ratio, and other performance metrics. The panel must of these metrics in order to ensure the final product meets the customer expectations.

Once T.V panel inspection is an important part of the manufacturing process to ensure that the final product 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 T.V chassis will need to be prepared for the power chord attachment.	preparing the T.V chassis	K
Day-2	once the chassis is ready, the power cord will be connected to the T.V	connecting the power chord	K
Day-3	After the power chord is attached the connecting is need to be tested to ensure	testing the connecting	K
Day-4	once the power chord connection have been tested or verified the T.V chassis will be closed up.	finalising the assembly	K
Day-5	Depending on how the T.V is fixed in the input side you may had different tools	using proper tools for fixing	K
Day-6	T.V physically fixed in input side.	T.V input side	K

WEEKLYREPORT

WEEK-5(FromDt.....toDt.....)

Objective of the Activity Done:

preparation of different classis

Detailed Report:

to prepare a TV classis, the TV class was
was had to be prepared for the power chord
Attachment. once the classis is ready the
power chord will be is attached to connecting
is needed to be tested to ensure.

Steps:-

- * Ensure that the T.V set is plugged into a power source and turned on

- * use the remote control to navigate to the desired T.V channel (or) program

some tips for a better T.V viewing experience

- * choose a comfortable viewing location and adjust the lighting to reduce glow

- * 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 aging is 15 minutes	aging	ku
Day -2	the aging process is used to verify the problems and show them	verifying problems in aging	ku
Day-3	testing is another important process in manufacturing of T.V's	testing	ku
Day-4	HDMI is the High Definition Multimedia Interface it is an all digital audio video transmit.	testing HDMI High Definition multimedia interface	ku
Day-5	local area network is a computer that uses a small area typically within a single computer	testing LAN	ku
Day-6	During T.V manufacturing radio frequency testing involves measuring the amount of	Testing R.F	ku

WEEKLYREPORT

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

Objective of the Activity Done:

Aging in power on condition

Detailed Report:

Aging is an important process in T.V manufacturing that involves testing the T.V parts and components to ensure the quality. In the aging process, the T.V parts and components are subjected to various tests such as temperature and humidity conditions. This helps to detect and ensure that the T.V's are durable and reliable.

The aging process can be helpful to improve the overall quality of T.V's sets by identifying and proving, manufacturers can reduce the level of customer complaints and returns.

Overall, the aging process is a crucial step in T.V 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 check of T.V panel screen	The process of WB stage.	<i>K</i>
Day-2	In this stage the USB means that it is the color analyzer of the T.V	white balance is a color analysis	<i>K</i>
Day-3	A small device, especially an electrode, used for testing the T.V.	The white balance having the % probe	<i>K</i>
Day-4	i.o probe R, G, B colors. The path runs checking the screen	checking of probe with different colors	<i>K</i>
Day-5	If any abnormal colors like (black, blue, white) TVs can't pass in WB stage	T.V's pairing stage	<i>K</i>
Day-6	Finally the TVs are checked with USB cable (universal serial bus)	final checking with USB	<i>K</i>

WEEKLYREPORT

WEEK-7(FromDt.....toDt.....)

ObjectiveoftheActivityDone:

T.V white Balan Adjustment

DetailedReport:

white balance is an important stage in T.V manufacturing as it ensures that the color 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.

During the manufacturing process, technicians use specialized equipments to measure the color temperature of the tube color are displayed accurately this process is typically performed at the factory but some T.V also include user controls for adjusting the white balance to match specific light conditions in room.

without proper white balance color may appear too warm (yellowish) or too cool (bluish) which can be distracting and make it difficult to accurately image quality.

ACTIVITY LOG FOR THE EIGHTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person in Charge Signature
Day-1	The back cover of the T.V is usually made of plastic (or) metal	The Back cover preparation and paring Back cover	K
Day-2	Closing of unwanted holes with Black tapes to protect T.V from dust	Closing of holes with using of tape	K
Day-3	Attaching of clips to the Back cover for inserting of mother board	fixing clips in Back cover	K
Day-4	checking damages in the Back cover like scratches, painting	checking the damages on back cover	K
Day-5	cleaning of back cover with specific air pressure to remove dust	cleaning of Back cover with air	K
Day-6	The Back cover will be cleaned with specific fluid all 3 sides except bottom	cleaning the cover with liquid	K

WEEKLYREPORT

WEEK-8(FromDt.....toDt:Dt.....)

ObjectiveoftheActivityDone:

Back cover fixing from

DetailedReport:

The back cover of the TV is usually made of plastic or metal. It ensures that the components inside the back cover are fixed. I inspected the surface of the TV to remove any dust or debris that could affect the tape (a) screws.

The tape is applied to the inner edges of the back cover to ensure that it adheres firmly to the T.V. frame. It may also be used to secure the back cover to the T.V. frame into pre-drilled holes on back cover. cleaning the back cover of a mixture of water and mild detergent. The solution should be mixed according to the manufacturer's instruction.

ACTIVITY LOG FOR THE NINETHWEEK

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	K
Day-2	Scanning Back cover for checking serial number to know that the Back cover is Authentic	Scanning back cover Barcode	K
Day-3	Scanning of LED lights and it will be linked to specific barcode of Back cover.	Scanning of LED Light Bar's	K
Day-4	Sticking of LED lights to Back covers by using glue	Sticking of LED Bar's	K
Day-5	Tapping of LED Bars for safety purpose and strength.	Tapping of LED Bar's	K
Day-6	Fixing of wires to the LED Bar's for power supply	Fixing of wires	K

WEEKLYREPORT

WEEK-9 (From Dt. to Dt.)

Objective of the Activity Done:

Process of Input stage in L.C.M.

Detailed Report:

In this work we work in the one of the main manufacturing plant 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 these stages Input, Testing and out put stage.

First, we learn about the input stage in LCM. In this stage first the scanning of back cover. checking serial number to know the particular back cover is pen or fil. back cover.

The light bars was fixed in the back cover with the using of glue and then connecting electric wires to the light Bar! for proper 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 Baller	putting Back cover to another line.	
Day-2	placing of Back light shut on top of LED Bar	fixing of LED back light shut	
Day-3	fixing supportors in the back cover for the screen protection	fixing of supportors	
Day-4	screwing the supportors for stiffened with machine	screwing of supportors	
Day-5	final checking of Back cover in LCM input side	final checking	
Day-6	putting of Back cover from LCM Input to open cell in LCM	putting of Back cover of open cell in LCM	

WEEKLY REPORT

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

Objective of the Activity Done:

Placing of Backlight sheet

Detailed Report:

This was also continue in the same stage for some more process in the stage placing of back light sheet on top of LED Bal fixing supporters in the back cover for the display screen protecting and screwing the supporters for it further with help of screwing machine.

In the case of a liquid crystal display (LED) T.V. the input stage would involve securing the various components such as the LED panel Back light Circuit boards, required specifications and quality standards.

once the components pass inspection they could be assembled into the T.V set and undergo further the quality checks and testing.

The input stage as it sets 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 T.V screen	preparing of white sheets	ku
Day-2	checking of back lights for any damages in light	checking of LED Light Bar	ku
Day-3	fixing of white sheet and also checking that for any damages	checking of white sheet damages, and black dots	ku
Day-4	while cleaning the white sheet by using vacuume cleaner	cleaning of white sheet	ku
Day-5	The open all can checked for any damages the help of LED light Table	Testing open cell	ku
Day-6	fixing of open all on top of Back cover	fixing of open cell	ku

WEEKLYREPORT

WEEK-11 (From DL 11/11/2020 To DL 11/11/2020)

Objective of the Activity Done:

Backlight checking in LCM

Detailed Report:

This week conduct the program in LCM plant that Backlight checking in T.V. manufacturing. In a typical LED T.V manufacturing process, the backlight unit consists of a series of light-emitting diodes (LED's), a cold cathode fluorescent lamps (CCFL's) 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, and color balance equipment.

The back light has been checked and passed inspection. It is then mounted onto the display panel and undergoes further testing to ensure the T.V product.

ACTIVITY LOG FOR THE TWELVE 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 all to fix it	Removing of double tape cover and out.	K
Day-2	Putting the display panel with roller in 3 sides of panel	Rolling of panel for stiffness	K
Day-3	Removing of white cover in panel for the scratches.	Removing of cover	K
Day-4	The 4 sides of the panel will be taped for more support	Taping the four sides of T.V	K
Day-5	In the panel that open all can be connected to FFC, to connect the main board	Fixing FFC to open cell	K
Day-6	Taping of Browning in panel for protecting from elastic waves	taping of Browning	K

WEEKLYREPORT

WEEK-12(FromDt.....toDt.....)

Objective of the Activity Done:

fixing open cell & FFC's

Detailed Report:

The open cell process involves the assembly of the liquid crystal layer and color filter into a glass substrate, forming the LCD panel. The LCD panel is then tested for defects such as dead, repaired (or) discarded.

Once the LCD panel passes inspection, it is shipped to T.V assembly plant where it is mounted onto a back panel which includes the display. This process is known as the closed cell process.

FFC's (Flexible Flat Cables) are thin-flat ribbon like cables that are used to connect various components within a T.V such as the LCD panel, control board, backlight and others used in LCD TV's because of their ability to transmit signals over long distances.

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	K
Day -2	Dark rooms passing of panel into dark room for checking of panel.	checking of panel	K
Day-3	Different types of problems in panel. Black dots, white dots, ghost pictures, v-lines	Damages in panel	K
Day-4	The fixing F.F.C are checked in dark room with system.	F.F.C checking	K
Day-5	The panels are final saying that the panels are properly made or not	LCM out put scanning	K
Day-6	That the pan panels are transfer to S.A line and some panels are stored.	storing of panels in palates	K

WEEKLYREPORT

WEEK-13(FromDt.....toDt.....)

Objective of the Activity Done:

program of dark room checking

Detailed Report:

During the dark room checking program the T.V 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 T.V screen for any defects such as pixel defect, color banding (or) back light, then also check for uniformity of brightness and color across the screen and the stability of the conditions.

The dark room checking program is essential for ensuring that T.V is capable of delivering a high quality viewing experience particularly for movies (or) T.V shows. Discontinuation.

ACTIVITY LOG FOR THE FOURTEENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person in Charge's signature
Day-1	In P.N line the front panel is moved, impeller and M.B. rising and FRTV is scanning	M.B. the position in P.N line	K
Day -2	FFC reassembling and Back cover assembling of rising of connections	FFC the position of back cover and wire prepared	K
Day-3	Testing the power of rising and it is tested with USB	USB testing	K
Day-4	Back cover rising it moved to scanning section	scanning of back cover	K
Day-5	the scanning section the scanning conveyor will take 20 mins	time taken to scan back cover	K
Day-6	speakers are tested in the stage with different types of songs	Testing of speakers	K

WEEKLYREPORT

WEEK-14(FromDt.....toDt.....)

Objective of the Activity Done: process of final assembly (FA) stage.

Detailed Report:

F.A) (Final Assembly) stage in T.V manufacturing refers to the final step in the production process where all the individual components are assembled together into a finished T.V product.

During the F.A stage the LED panel, back light unit, power supply, control board and other hardware components are assembled into a T.V chassis. The T.V chassis is then inspected for defects and undergoes various inspection and communicating with each other.

The power supply provides the primary voltage and current to the TV's internal components. It is typically assembled onto the T.V chassis during the IR stage. The control board is the main driving unit of the TV responsible for controlling the with other internal components.

WEEKLYREPORT

WEEK-15 (From Dt. to Dt.)

Objective of the Activity Done:

Input, testing, output & Exports

Detailed Report:

Input, output parts. The parts like much as flow VSB and E-thernet parts are typically installed into the T.V chassis during the FA stage. The speakers are typically built into the T.V chassis during the FA stage, providing the audio-out port for the TV.

The stand or mount is used to support the T.V and is typically attached to the T.V in FA stage of T.V manufacturing are critical for assembling.

In the packing stage also involves the additional features (or) accessories like T.V stand remote and some other accessories.

Exporting:- Dixon Technologies has collaborated with Tirupathi group to manufacture and export electronic products to various and to expand their market reach.

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 port inspection of HDMI testing	Port Inspection	K
Day-2	In this phase LAN & wifi are tested with specified system R.F	LAN & wifi Testing	K
Day-3	Resetting the panels after being checked the panel	Reset the program in panel	K
Day-4	MPP is checked and fixed and they will do a final inspection of T.V	MRP scanning & final inspection	K
Day-5	The packing of T.V's with accessories like T.V stand remotes and wall screws	Packing of T.V's	K
Day-6	After finishing of T.V it will be exported to different cities in some other countries	Export	K

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 per people Interaction of Dixon technologies is that the company has various interaction between employees, customers and stock holders. These interaction may include communication through E-mail, 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. company invests heavily in research and development to create innovative products for clients. quality control facilities provided in place to reach high quality standard. customer service facilities has a strong focus on customer service and may have dedicated workers.

The job roles in the company may done in supply chain management & supply chain manager manages the flow of raw materials and finished goods for TV manufacturing. His roles involve co-ordinating with suppliers managing inventory and ensuring that material.

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

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

The organization may encourage open communication between Employees, management and other stakeholders. The may include regular meetings, feedback sessions, and the use of collaboration tools such as online forums and managing platform.

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

Collaborative work Environment that encourages Employees to work together and share ideas. This may include open work space, shared work station and collaborative tools such as online project management system. This can help to promote collaboration and idea-sharing and ensure that projects are completed effectively and efficiently.

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

1. Technological skills
2. Time management
3. communication skills
4. problem-solving
5. Team work
6. creating skills
7. personality skills
8. Leadership qualities
9. work Ethics.
10. Attention to details

It is quite harder to understand but, there were some machines that provided to work in a simple way.

there were many skills that I acquired in how to maintain them 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 all skills with making of different people it helps to perform multitasking and maintain the multi-works helps to the work with Integrity. Technical skills are the specialized knowledge and expertise required to perform specific tasks and we 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 difference skillset and that why the technical skills most demanded and very important for every cases for a number of reasons.

In addition to technical skills, hand skills are important in this company. Hand skills refer to the manual assembly and production 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 includes 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 selection students for their internship programs, Employers have a set of five components that are crucial for students to pass on interns employees and helping them in terms to build during the students internships.

- * Information planning.

- * 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 going on the initiative scale including "logically" approaching a problem. Approaching a problem independently and requesting increased those basic categories Technical, Conceptual skills.

Specialized areas of knowledge and expertise and the ability to apply that knowledge makes up or manages Technical skills.

Management skills are abilities and traits added to perform certain duties usually as it relates to overseeing a team much as solving problems communicating well and motivating employees such skills can be learned on the job.

The leaders of their company should be ~~experienced~~ ^{practical} ~~practical~~ ^{practical} experience. The leaders of the company should be the "visionary" and able to create a vision for the company and set long-term goals to achieve that vision. It should be able to manage people effectively. This includes identifying and retaining top talent, providing opportunities for growth and development and creating a positive work culture.

It 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 converging meaning to another person using mutually understood signs of symmetric 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, e-mails, text messages, body language etc.
- The receiver is the person who receives the message and sends a reply.
- By applying these tips and practicing these tips and practicing often you can master the skills and learn how to be an effective communication.

Effective oral communication in the work space is on essential skills. For works in any industry or field oral communication can help to build stronger relationship 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 attentive speak up when you have something to contribute and don't be afraid to express your opinions or ideas use simple.

language and avoid technical terms the other may not understand maintain eye contact use appropriate gestures and facial expressions and stand on step straight.

Asking colleagues or supervisors for feedback on my communication skills and work to improve areas that had development.

1. volunteer to give a presentation
2. ask to host a team meeting
3. seek feedback from you peers as well as our manager
4. practice your small talk at informal times
5. keep on learning and practicing

This is some that is worked on during your worked integrated learning program, develop and grow these skills just in time for your internship.

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

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 organisation there are some discussion and making held weekly once where we discuss about the editorial growth and profit and loss-in each and every aspect of show room.

our owner in the workshop takes the leadership and explained how to deal with problem and acquainting some solution.

I gained some leadership qualities and leading motivation the learn to full full the requirements of the learn to full basis on this 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 customers who come for engine and I used to thought them or our team to chat with customer with policy and also with respectfully.

Designers are responsible for creating the overall look and feel of the T.V 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 specification.

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

T.V manufacturers have focused on developing new technologies to improve the picture quality sound quality and overall user experience some of the notable advancements in T.V technology.

oled (organic Light Emitting Diode) TV's offer superior picture quality compared to traditional LED's 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 & gaming.

HDR (High Dynamic Range) technology allows users to stream movies and T.V shows, browse the web and use apps directly on their T.V.

many modern T.V's come with built-in voice control allowing users to navigate menus and search for content using voice commands.

The technological advancement that have been made in T.V industry as technology continues to evolve we can expect to see even more exciting developments in the years to come.

Student Self Evaluation of the Short-Term Internship

Student Name: N. Bhaskar Registration No: 2160300541013

Term of Internship: 2 months From: 01/02/2024 To: 01/05/2024

Date of Evaluation:

Organization Name & Address: DIXON TECHNOLOGIES, PVT. LTD,
Tirupati

Please rate your performance in the following areas:

Rating Scale: Letter grade of CGPA calculation to be provided

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

Date:

N. Bhaskar
Signature of the Student

Evaluation by the Supervisor of the Intern Organization

Student Name: N. Bhaskar

Registration No: 216080054013

Term of Internship: 3 months From: 01/02/2024 To: 01/05/2024

Date of Evaluation:

Organization Name & Address: DIXON TECHNOLOGIES, PVILTO
Tirupati

Name & Address of the Supervisor
with Mobile Number

Please rate the student's performance in the following areas:

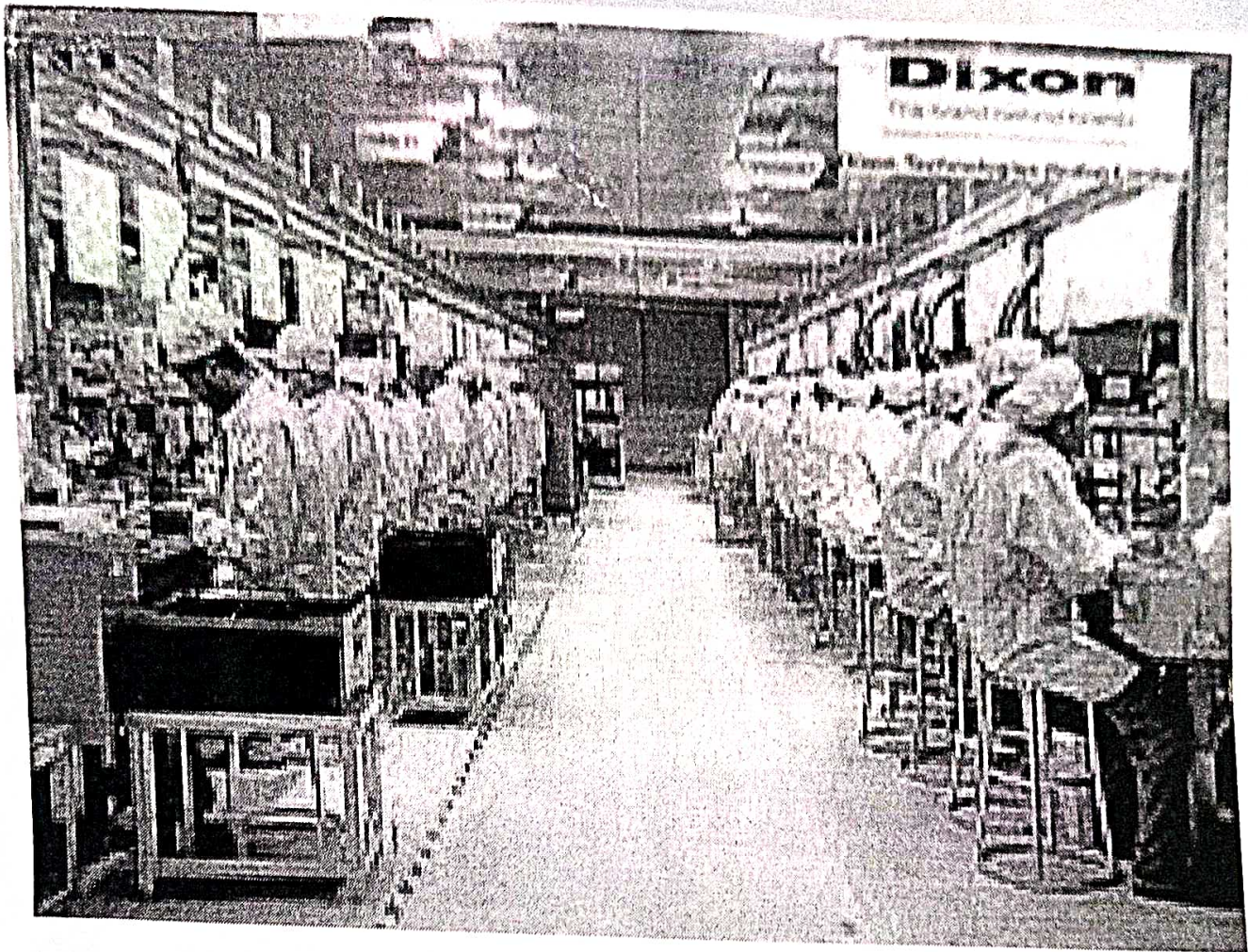
Please note that your evaluation shall be done independent of the Student's self-evaluation

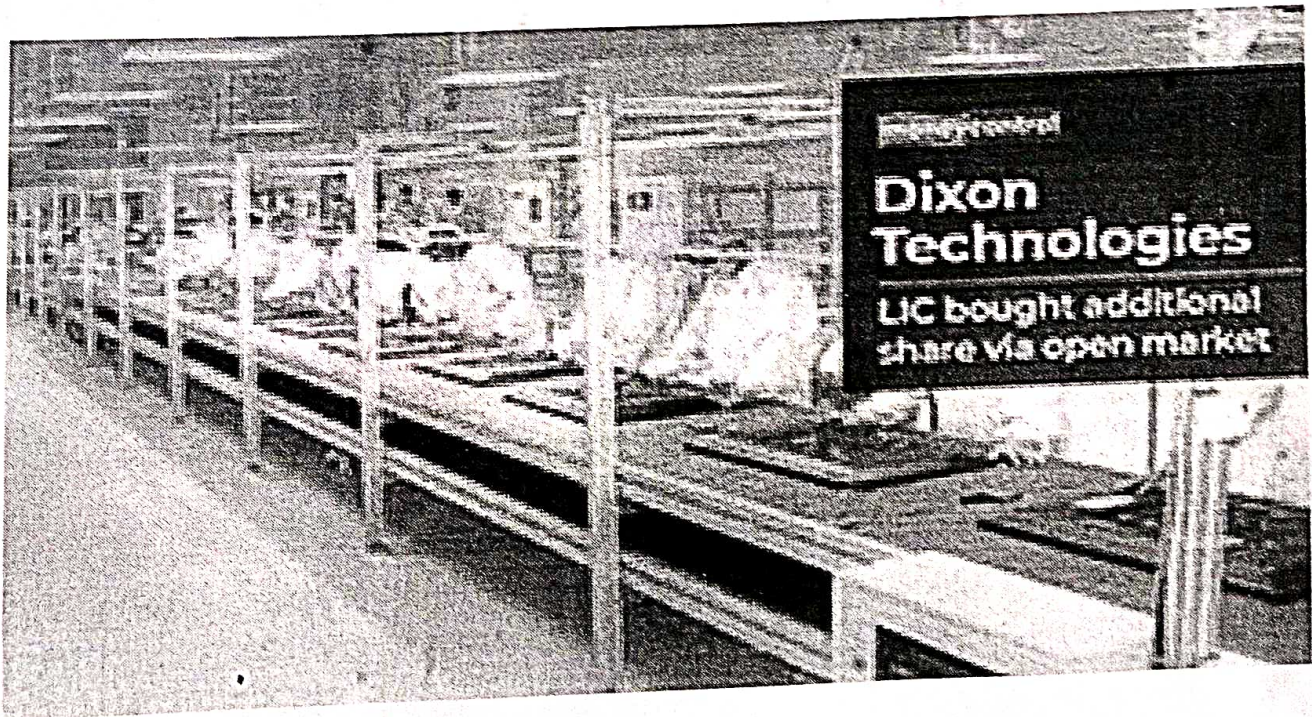
Rating Scale: 1 is lowest and 5 is highest rank

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

Date:

Signature of the Supervisor





Internal&ExternalEvaluationforSemesterInternship

Objectives:

- Explore career alternatives prior to graduation.
- To assess interests and abilities in the field of study.
- To develop communication, interpersonal and other critical skills in the future job.
- To acquire 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:
 - Activity Log 10 marks
 - Internship Evaluation 30 marks
 - Oral Presentation 10 marks
- The weightings for External Evaluations shall be:
 - Internship Evaluation 100 marks
 - 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 Committee shall also consider the grading given by the Supervisor of the Intern Organization.
- Activity Log is the record of the day-to-day activities. The Activity Log is assessed on an individual basis, thus allowing for individual members within group to be assessed this way. 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: N. Bhaskar

Programme of Study: BSC MSCS

Year of Study: II year 2021-2024

Group:

Register No/H.T. No: 216030054013

Name of the College: Government DEGREE COLLEGE, RAJAMPET

University: YOGI VEMANA UNIVERSITY, KADAPA

Sl.No	EvaluationCriterion	Maximum Marks	Marks Awarded
1.	ActivityLog	10	10
2.	InternshipEvaluation	30	30
3.	OralPresentation	10	10
	GRANDTOTAL	50	50

Date: 23/04/2024

Signature of the Faculty Guide

EXTERNALASSESSMENTSTATEMENT

Name Of the Student: N. Bhaskar

Programme of Study:

Year of Study: III year 2021-2024

Group: III BSc (MCS)

Register No/H.T. No: 216030054013

Name of the College: Government Degree College, Rajampet

University: Y. G. R. Mahila University, Kadapa.

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	

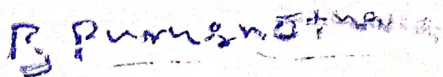
Signature of the Faculty Guide

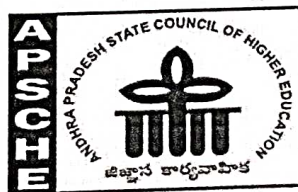


Signature of the Internal Expert

Signature of the External Expert

Signature of the Principal with Seal





ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

(A Statutory Body of the Government of Andhra Pradesh)

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