

**PROGRAM BOOK FOR
SEMESTER INTERNSHIP**



Name of the Student: ALLA SANTHOSHKUMAR

Name of the College: MRS AVN COLLEGE

Visakhapatnam.



Registration Number: 120130803007

Period of Internship: 15 weeks (540 Hours) From: 01.04.2023 To: 14.07.2023

Name & Address of the Intern Organization:

IICTE Private Limited. Plot No. 24, Opposite Y School, Srinivasa Nagar, GITAM College Road, Visakhapatnam, Andhra Pradesh.

Mrs AVN COLLEGE, Visakhapatnam.

Andhra University

YEAR 2022-2023

An Internship Report on
SYSTEM ADMINISTRATION
PROJECT

Submitted in accordance with the requirement for the degree of
B.COM(ACCOUNTS ,ECONOMICS, BUSINESS)

Under the Faculty Guideship of

MR.B.PRADEEP KUMAR

Department of COMMERCE

Mrs AVN COLLEGE

- Visakhapatnam.

Submitted by:

ALLA SANTHOSH KUMAR

Reg.No: 120130803007

Department of COMMERCE

Mrs AVN COLLEGE

Visakhapatnam.

Student's Declaration

I, **ALLA SANTHOSH KUMAR** a student of **B.COM (ACCOUNTS, ECONOMICS, BUSINESS)** Program, Reg. No. **120130803007** of the Department of Commerce, **Mrs AVN COLLEGE VISAKHAPATNAM**, do hereby declare that I have completed the mandatory internship from **01.04.2023 to 14.07.2023 (540 Hours)** in **IICTE Private Limited**, Visakhapatnam, under the Faculty Guideship of **MR. B. PRADEEP KUMAR**, Department of **Commerce**, **Mrs AVN COLLEGE**, Visakhapatnam.

Estd: 1860

A. SANTHOSH KUMAR
(Signature and Date)

Official Certification

This is to certify that **ALLA SHAKTHINI KUNWAR** Reg. No. **127138023017** has completed her Internship in **ILITE Private Limited, Visakhapatnam, SYSTEM ADMINISTRATION** under my supervision as a part of partial fulfillment of the requirement for the Degree of **B.COM, ACCOUNTS, ECONOMIC & BUSINESS** in the Department of ~~Commerce~~ ^{Commerce} **Mrs. AVN COLLEGE, Visakhapatnam.**

This is accepted for evaluation.

(Signature, Date, and Seal)

Endorsements

M. Pradeep Kumar
Faculty Guide

[Signature]
Head of the Department

Principal

PRINCIPAL
Mrs. A.V.N. COLLEGE
VISAKHAPATNAM

Estd: 1960

Certificate from Intern Organization

This is to certify that **ALLA SANTHOSH KUMAR** Reg. No. **120130803007** of **Mrs AVN COLLEGE, Visakhapatnam** under went internship in **IICTE Private Limited, Visakhapatnam** from **01.04.2023** to **14.07.2023** (540 HOURS).

The overall performance of the intern during his/her internship is found to be Satisfactory.

Mrs. A. V. N. COLLEGE

Authorized Signatory _____ Date and Seal

Estd: 1860

Acknowledgements

It gives me an immense pleasure and pride to express my sincere gratitude and respect for my teacher and guide **MR.B. Pradeep kumar** Lecturer in commerce, Mrs AVN COLLEGE, Visakhapatnam for his expert and inspiring guidance.

Also, I am very grateful to the head of the Department of **commerce**, and the other faculty members of the **commerce** Department for being a source of support during this project period.

I would like to extend my gratitude to my principal Sir **Dr.SIMHADRI NAIDU** for providing me all the necessary facilities that were required for successful completion of this internship.

I also thank **IICTE Private Limited**, Visakhapatnam for providing internship opportunity.

My special thanks to the internship trainer **Sri. E NAGESWARARAO** for their constant support, encouragement and timely advice.

A. Sainthosh Kumar
Signature of the student

Estd: 1860

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INTRODUCTION

Internship is an integral platform for anyone to gain experience in the actual work place. Thus, Internship is a good opportunity for students to learn, to gain experience and also to make preparations. Men learn through experience and real life is full of different kinds of experiences. We will encounter many difficulties and obstacles and with experiences we are expected to be able to encourage and complete the process. Experience in my eyes is a very valuable thing in life because we need to be brave in taking risks. It is also not something that we simply create, but we need to undergo through it. By doing my internship in an actual work environment, it helps me to know and discover myself from different angles. It also helps me to control and develop my attitude towards dealing with different kinds of people and situations.

I have decided to take the internship course to grab the golden opportunity to apply theoretical knowledge that I have in a real working environment. Through college, I learned about theories but doing an internship, I learned a practical approach on dealing with the real world. Even though it was not that much, it still has profound results in some aspects of my life. In some ways, through internship, I also have learned that I am still lacking as an individual and employee. Internship helps me to identify my weaknesses and also my strengths. "Experience without theory is blind, but theory without experience is mere intellectual play". The other reason why I choose to take the internship is as preparation for a more challenging work environment and situation. Our life in college is incomparable with real working experience. A working life is very challenging as it requires great effort, commitment and abilities; those are something that I need to be prepared and trained to.

Apart from that, I really want to gain professional experience and skills by taking the internship course. At the same time, I also want to improve my communication skills and ability to interact with people. I realize that by being part of society, I will need to meet different people around the office and I will have to communicate with them to settle their needs. Undergoing internship also helps to make me learn on how to work in a systematic organization. It helps me to learn how to be independent in accomplishing my tasks. Besides, all knowledge that I have learnt through my classroom learning in the classroom can be implemented through an internship. Not only that, by doing an internship, I am able to undergo challenges which are normal in a working life setting.

CHAPTER2: OVERVIEW OF THE ORGANIZATION

Suggested Contents

A. Introduction of the Organization

Company which provides technology solutions to over customers with convergence of media, the changing landscape of the industries is becoming extremely competitive. As companies rapidly strive to gain a competitive advantage, **IICTE** helps companies innovative and transforms its unique insights, differentiated services and flexible partnering models. This helped our customers reduce operating costs and generate new revenue streams. We provide high end business solutions for complex business utilizing current technologies with expert professions in software industries. Our project is based on the principles of highest quality, longest reliability, lowest cost and complete customer satisfaction.

At **IICTE PVT LTD** we provides **Software Products, IT services, HR consultancy, Security Systems**, and various **Transaction Processing Services**. **IICTE** has integrates its products and services to create customized solutions to allow you to undertake technology-based business transformation that allows reorganization in line with today's dynamic digital business environment.

B. Vision, Mission and Values of the Organization

IICTE PVT LTD is a service provider company committed to help business providing qualified resources, and professional services with the highest quality in different areas and we will leverage our strengths to execute complex global-scale projects to facilitate leading-edge products and services affordable to all consumers and business in India.

As **IICTE** has developed its quality initiative and casts its process with perfect customization as per the client needs while meeting the defined standards. So here we will offer unparalleled value to create customer delight and enhance business productivity.

So quality is our measurable factor for us. It is our responsibility towards our valued clients who are the very cause of our existence.

C. Policy of the Organization in relation to the intern role

In the competitive IT services industry, it's difficult to know what differentiates one company from the other, so to keep pace with today customer-driven business environment; companies must re think their business processes. As companies are facing increasing competitive pressure and are inhabitant by inefficient IT systems, it is clear that current enterprise applications are no longer meeting the business demands. So with **IICTE**, you can be certain that we put our

WEEKLY ACTIVITY LOG
ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day -1 01/04/2023	Computer and its Advantages	Learn about the Computer its advantages and the basic	S. Kumar
Day -2 3/04/2023	Principals	Learn about the device input and out Port	S. Kumar
Day -3 4/4/2023	CPU and Memory	Learn about the CPU ALU, CU	S. Kumar
Day -4 5/4/2023	Brief description about ROM	Learn about CV and only memory.	S. Kumar
Day -5 6/4/2023	Brief description about RAM	Random access memory	S. Kumar
Day -6 2/4/2023	RAMs Lots types PC, Speed, Capacity	5/mb 20/mb 30/mb.	S. Kumar

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

Objective of the Activity Done: *Control Processing Unit*

Detailed Report:

- Crucial Component of a Computer System.
- Brain of the Computer because it performs of the processing inside the system
- function the CPU carries out instructions from computer programmes by performing basic arithmetic
- Cores and Threads in Modern CPUs are typically multi core unit means enhancing performance.
- Clock Speed is CPU performance is often measured by its speed.
- Cache is CPU's have built in cache memory that stores frequently accessed data to reduce the time it
- instructions set architecture
- thermal Design Power.
- over clocking.
- Compatibility.

ACTIVITY LOG FOR THE SECOND WEEK

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day -1 8/4/2023	Explanation and FDU, HDD CDD	MDD Preparing external	S. Kumar
Day -2 10/4/2023	Explanation and Mother board Panel.	Part of, Back of. Home e. of. device.	S. Kumar
Day -3 11/4/2023	1. Serial Communication. 2. Parallel Communication.	About of data.	S. Kumar
Day -4 12/4/2023	hard disk and	hard disk primary & Secondary Storage.	S. Kumar
Day -5 13/4/2023	Student doubts classification class.	hard disk primary secondary Storage	S. Kumar
Day -6 14/4/2023	Lab	Lab.	S. Kumar

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

Objective of the Activity Done:

Communication.

Detailed Report:

- network/ Communication : Computers Communicate with each other over networks such as internet (IAn)
- Protocols : Communication between computers often specific protocols which are a set of rules and standards.
- data transmission : Data can be transferred between computers in various formats such as text images audio, video binary data.
- Sockets and ports : in network communication sockets and ports are used for system-to-system communication between computers.
- Client - Server Model
- API and web services Software
- inter process communication.
- Device communication.

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day -1 15/4/2023	Stead question on topics.	Attended.	S.Kar
Day -2 14/4/2023	Explanation of operations system	The concept of program which is integrated.	S.Kar
Day -3 18/4/2023	Types of operations system.	Types of OS and auto.	S.Kar
Day -4 19/4/2023	Description about inside parts of the CPU	Method board RAM memory.	S.Kar
Day -5 20/4/2023	Architecture about CPU 1. ALU 2. CU 3. memory.	Learn about System	S.Kar
Day -6 21/4/2023	Lab.	Lab.	S.Kar

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

Objective of the Activity Done:

Architecture Level CPU

Detailed Report.

- * Control unit : The Control unit manages the execution of instructions.
- * Arithmetic Logic Unit (ALU) - The ALU performs Arithmetic operations of data logical comparisons.
- * Registers - Registers are high speed storage units located within the CPU.
Program Counter instruction register accumulator
- * Memory Management unit
- * Caches = CPUs have multiple levels of cache memory and main memory [CPU]
- * Instruction Pipeline.
- * ISA interface unit - ISU and CPU for data transfer
- * Instruction Decoder.
- * Clock and Control signals.