

**An Internship Report on**  
**LIBRARY MANAGEMENT SYSTEM**  
**PROJECT**  
**ON**  
**JAVA**

*Submitted in accordance with the requirement for the degree of*  
*B.SC(MATHS,ELECTRONICS,COMPUTERSCIENCE)*

*Under the Faculty Guideship of*

*Sri. D.SANTOSH KUMAR*

*Department of COMPUTER SCIENCE*

**Mrs AVN COLLEGE**

**Visakhapatnam.**

**Submitted by:**

*NALLAPATI TARUN KUMAR*

**Reg.No: 720130805302**

*Department of COMPUTER SCIENCE*

**Mrs AVN COLLEGE**

**Visakhapatnam.**

## Student's Declaration

I, NALLAPATI TARUN KUMAR a student of  
*B.SC(MATHS,ELECTRONICS,COMPUTERSCIENCE)* Program, Reg. No.  
720130805302 of the Department of COMPUTER SCIENCE ,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 Guide ship of  
Sri. D.SANTOSH KUMAR, Department of COMPUTER SCIENCE,  
Mrs AVN COLLEGE, Visakhapatnam.

*N. Tarun Kumar*  
14/07/23  
(Signature and Date)

# Official Certification


This is to certify that *NALLAPATI TARUN KUMAR* Reg. No.720130805302 has completed his/her Internship in *IICTE Private Limited, Visakhapatnam* on **Library Management System Project** under my supervision as a part of partial fulfilment of the requirement for the Degree of *B.SC(MATHS,ELECTRONICS,COMPUTERSCIENCE)* in the Department of *Chemistry, Mrs AVN COLLEGE, Visakhapatnam.*

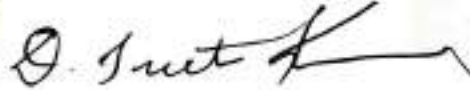
This is accepted for evaluation.

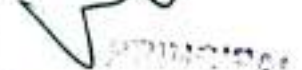


(Signatory with Date and Seal)

## Endorsements

  
Faculty Guide

  
Head of the Department  
Physics, Electronics and Computer Science  
Mrs. A.V.N. COLLEGE  
VISAKHAPATNAM-530001

Principal   
Mrs. A.V.N. COLLEGE  
VISAKHAPATNAM

## Certificate from Intern Organization

This is to certify that *NALLAPATI TARUN KUMAR* Reg. No. *720130805302* of *Mrs AVN COLLEGE, Visakhapatnam*. Underwent 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.

*G. G.*  


*Authorized Signatory with Date and Seal*

## Acknowledgements

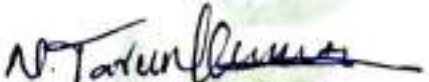
*It gives me an immense pleasure and pride to express my sincere gratitude and respect for my teacher and guide Sri. D.SANTOSH KUMAR Lecturer in COMPUTER SCIENCE, Mrs AVN COLLEGE, Visakhapatnam for his expert and inspiring guidance.*

*Also, I am very grateful to the head of the Department of COMPUTER SCIENCE, and the other faculty members of the COMPUTER SCIENCE 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. G GOVIND for their constant support, encouragement and timely advice.*

  
Signature of the student

# 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 1/4/23	Explains about JAVA	I learn the JAVA concept	
Day -2	Explain about JAVA Programming concepts	I learn the JAVA program concepts.	
Day -3	Explain about history of JAVA.	I learn about the history of JAVA	
Day -4	Explain about features of JAVA	I learn about the features of JAVA.	
Day -5	Explain about features of JAVA	I learn to feature of JAVA.	
Day -6	Did the lab		

Objective of the Activity Done:

## Features of JAVA

Detailed Report:

The primary objective of JAVA programming language attention was to make it portable, simple and secure programming language.

1. Simple :- JAVA is easy to learn, and its syntax is simple, clean and easy to understand.
2. Portable :- JAVA is portable because of facility you to carry the JAVA by the code to any platform it doesn't require any implementation.
3. Object-Oriented :- JAVA is an object-oriented program language, everything in JAVA is an object.
4. Dynamic :- JAVA is dynamic language. It supports the dynamic loading of classes.

**ACTIVITY LOG FOR THE SECOND WEEK**

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day -1 8/4/23	Explain about difference between C++ and JAVA	I learn about difference b/w C++ & JAVA	
Day -2 10/4/23	Explain JAVA Installation and set of JAVA Path.	I understand how to JAVA Installation	
Day -3 12/4/23	Explain about JAVA virtual Machine, JDK and JRE	I learn about JAVA virtual machine JDK, JRE	
Day -4 13/4/23	Explain JAVA Program structure and sample Program.	I learn about the sample program	
Day -5 14/4/23	Explain about JAVA variable.	I learn JAVA variable	
Day -6	LAB		



Objective of the Activity Done:

JAVA program structure, installation,

Detailed Report:

JAVA program is objective oriented programming language.

- excited to start learning JAVA the IDE seems user-friendly.
- Basic understanding of variables and data type acquired.
- Struggled a bit with Installation, bit managed to resolve it.

### ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day -1 15/4/23	Explain about JAVA Data Types	I learn about data type.	
Day -2 16/4/23	Explain about JAVA operations.	I learn about JAVA operators	
Day -3 17/4/23	Explain JAVA Keywords and usage.	I learn about the keywords & usage	
Day -4 19/4/23	Explain control statement and usage of control statements	I learn about control statement	
Day -5 20/4/23	Explain if and if else statement with program	I learn about if and if else statements	
Day -6 21/4/23	LAB		