

# **LONG TERM INTERNSHIP**

Project report submitted  
in partial fulfillment of the requirements for the award of the Degree of  
**BACHELOR OF ARTS**

By

**SONTYANA SACHIN**  
(Regd. No: 120130801062)

Under the Esteemed Guidance of

**J. RAMA RAO**

Head of the Department  
Department of Political Science



**Mrs. A.V.N.College**  
(Affiliated to Andhra University)  
**Visakhapatnam-530001**  
**2022-2023**



# V-Soft Technologies

Date: 18-07-2023

## LONG TERM (SEMESTER) INTERNSHIP COMPLETION CERTIFICATE

This is to certify that **SONTYANA SACHIN**, Regd.No:120130801062, B.A from Mrs. A.V.N College , Visakhapatnam has been successfully completed " **Computer Hardware & Networking**" internship of duration of 15 weeks (540 hours) from April 2023 to July 2022 supported by V-Soft Technologies, Visakhapatnam. He was motivated and sincere at his tasks.



## Student's Declaration

I, Santiana Sachin a student of BA (HED)  
Program, Reg. No. 120130801069 of the Department of BA (HED)  
College do hereby declare that I have completed the mandatory internship  
from April 2023 to July 2023 in VSOFT Technologies (Name of  
the intern organization) under the Faculty Guideship of  
J. Rama Rao (Name of the Faculty Guide), Department of  
B-A (HED), MVAVN College  
(Name of the College)

S Sachin  
(Signature and Date)

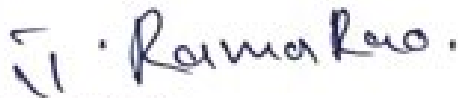
## Official Certification

This is to certify that Sonhara Sachin (Name of the student) Reg. No. 120120301062 has completed his/her Internship in VSOFT Technologies (Name of the Intern Organization) on Complete Hardware & Networking (Title of the Internship) under my supervision as a part of partial fulfillment of the requirement for the Degree of B.A in the Department of Mrs A.V.N College (Name of the College).

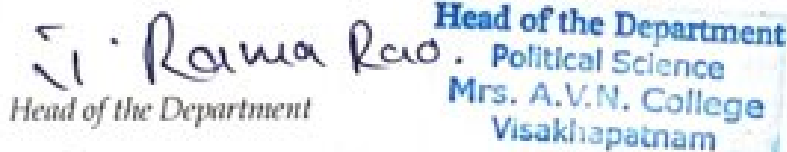
This is accepted for evaluation.

(Signatory with Date and Seal)

### Endorsements

 S. Rama Rao.

Faculty Guide

 S. Rama Rao. **Head of the Department**  
Political Science  
Mrs. A.V.N. College  
Visakhapatnam

Head of the Department

  
Principal **PRINCIPAL**  
**Mrs. A.V.N. COLLEGE**  
**VISAKHAPATNAM**

## Certificate from Intern Organization

This is to certify that Santwana Sachin (Name of the intern)  
Reg. No 120130801062 of Mrs. A V N College (Name of the  
College) underwent internship in VSOFT Technologies (Name of the  
Intern Organization) from April 2022 to July 2023

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



Authorized Signator [Signature] Date and Seal

## Acknowledgements

It gives me an immense pleasure and pride to express my sincere gratitude and respect for my teacher and guide Smt. Indira lecturer in commerce. Mrs. A.V.N 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 Mr. Simhadri Naidu for providing me all the necessary facilities that were required for successful completion of this internship.

I also thank computer Hardware Networking limited for providing internship opportunity. My special thanks to the internship trainer for their constant support encouragement and timely advice.



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## 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.

- \* Concept of computer hardware
- \* Input and output devices
- \* Describe networking system
- \* Concept of computer software
- \* Explain the concept of motherboards
- \* Describe the concept of chipsets & microprocessor.
- \* Discuss basics and types of floppy drive
- \* HDD/DVD etc.
- \* The components required to assemble the
- \* computer handling and holding sensitive equipment
- \* Installing mother board and CPU.

- ⇒ Input devices are used to input data, information and instruction into the RAM
- ⇒ Central processing unit (CPU) is the main computer component or "brain" of a computer and another and how which all performs all the processing of input data.
- ⇒ A motherboard is main printed circuit board [PCB] found in computer and other technological system.
- ⇒ A microprocessor incorporate the functions of computer. Central processing unit [CPU] on a single central integrated circuit [IC] or at most a few integrated circuit.
- ⇒ The basic concept of assembling is to balance to charge on the computer chassis and the body.

## 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:

V-Soft technologies, Visakhapatnam provides software products, IT services, Hardware & Networking services and web development. Company is based on the principles of best quality, reliability, less cost and customer satisfaction.

### B. Vision, mission and values of the organization:

V-Soft technology committed to help business providing qualified resources and professional services with the best quality motto: Customer satisfaction and best service for distinguished clients.

### C. Policy of the organization in relation to the intern role:

V-Soft technologies solve the customer queries quickly and cost effectively into complex environment.

#### D. Organizational structure:

V-soft technologies provide the services to external customers and providing end users services from our IT team.

- ⇒ Hardware services & solutions
- ⇒ Network services & solutions
- ⇒ Web solutions
- ⇒ IT Training
- ⇒ Website development & hosting
- ⇒ other services.

#### E. Performance the organization terms of turnover profits, market reach and market value.

Working plan will be change according to the end user requirement. V-Soft Technologies will offer price discount to the end user even budget demanded products also.

#### F. Future Plans of the organization.

A strategic plan is a vision of your organizations future and the basic steps required to achieve that future. A good plan should include goals and objectives, desired outcomes, metrics for measuring your progress, time lines, and budgets.



## 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.

### Activities And Responsibilities:

1. Practicing on PC
2. Listening demonstration
3. Assembling a PC
4. Disassembling a PC
5. Installation of operating system
6. Installation of application software and uninstall software.
7. Repairing and Troubleshooting O.S
8. Learning about computer application network
9. configuring LAN setup.
10. IP address.

## Weekly Schedule :

- \* Daily attending the classes on time
- \* Achieving objectives
- \* Repeating the outcomes to faculty guide
- \* At the weekend, preparation of weekend report.

## Equipments :

- \* PC Hardware
- \* cables
- \* LAN equipment
- \* O.S software
- \* Application software



### ACTIVITY LOG FOR THE FIRST WEEK

| Day & Date | Brief description of the daily activity                                      | Learning Outcome  | Person In-Charge Signature |
|------------|--|---|----------------------------|
| Day - 1    | Hardware of computer is made up of complex electronic circuit                | computer hardware electronic circuit                    |                            |
| Day - 2    | [CPU] central process unit is the computer what main is to core body         | central processing unit<br>[CPU]                        |                            |
| Day - 3    | Arithmetic logic circuit [ALU] arithmetic operating like addition            | [ALU] arithmetic logic circuit, operation like addition |                            |
| Day - 4    | Input device are used to input data information and instruction              | input devices<br>input data                             |                            |
| Day - 5    | while working with a display we are mostly point to some area in display     | mouse, select option display on screen                  |                            |
| Day - 6    | A track ball looks like a mouse as the roller is on the top of the selection | Track ball<br>or pointing device                        |                            |

### ACTIVITY LOG FOR THE SECOND WEEK

| Day & Date | Brief description of the daily activity  | Learning Outcome                                   | Person In-Charge Signature |
|------------|--|--|----------------------------|
| Day - 1    | Optical bar code reader [OBR] data card used to medical records, library books | optical bar code reader [OBR]                      |                            |
| Day - 2    | output devices translate the language of bits into a form human can understand | output devices on certain application              |                            |
| Day - 3    | These can recognize the human voice, and voice recognized techniques           | Voice - input device used by the different persons |                            |
| Day - 4    | which the capable of detecting alphanumeric characters and OCR front.          | optical character reader [OCR]                     |                            |
| Day - 5    | Primary memory stores the instruction and information                          | storage devices<br>RAM, ROM                        |                            |
| Day - 6    | This type of storage device has a layer of coating of same magnetic substance  | magnetic storage device [MSD]                      |                            |

## WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

\* Software is the term used to describe the set of instructions that tells the hardware how to perform a task.

\* System software is a collection of software programs that enable the user to interact with the computer device without getting lost among the complexities of technical interactions between mechanical parts and machine-oriented codified programs.

\* An operating system is a collection of integrated computer programs that provide necessary services to other programs or the user of the a computer.

\* Applications software is any type of software that you use on or computer that helps the user complete a specific task.

ACTIVITY LOG FOR THE THIRD WEEK

| Day & Date | Brief description of the daily activity  | Learning Outcome                        | Person In-Charge Signature |
|------------|--|---|----------------------------|
| Day - 1    | A motherboard is known as the mainboard, system board, planar board (or) logic board.  | Mother board sub-system such as the CPU |                            |
| Day - 2    | The chipset normally consists of two major microchips                                  | North and south bridge                  |                            |
| Day - 3    | Microprocessor operate on a number and symbols represent in the binary numeral system. | Concept of microprocessor.              |                            |
| Day - 4    | While 84-bit microprocessor design have been in use several market since the early     | 84 bit designs in personal in computers |                            |
| Day - 5    | A floppy drive is a computer component that was the designed to read its bits          | Floppy drive removal and reusable       |                            |
| Day - 6    | Is a data storage used for storing and maintaining digital information                 | Hard disk drive [HDD]                   |                            |

## WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

\* A motherboard is the main printed circuit board [PCB] found in computers and other technological systems.

\* The North and south bridges will have different chip names even though they are very often paired with the same opposite bridge to come under the collective name of the chipset.

\* A microprocessor incorporates the functions of a computer's central processing unit [CPU] on a single integrated circuit [IC] or at most a few integrated circuits.

\* A floppy disk drive is a computer component that was designed to read and write to floppy disks that were used for removable storage.