

PROGRAM BOOK FOR
SEMESTER INTERNSHIP



Name of the Student: **SEERA NOOKA RAO**

Name of the College: **MRS AVN COLLEGE**

Visakhapatnam.

Registration Number: **120130810063**



Period of Internship: 15 weeks (540 Hours) From: 10.04.2023 To: 14.07.2023

Name & Address of the Intern Organization:

**ICTE 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



V-Soft Technologies

Date: 18-07-2023

LONG TERM (SEMESTER) INTERNSHIP COMPLETION CERTIFICATE

This is to certify that SEERAM NOOKARAJU, Regd.No:120130801063, 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.

Program In-charge
V-Soft Technologies



An Internship Report on

Computer Hardware & Networking

(Title of the Semester Internship Program)

Submitted in accordance with the requirement for the degree of

MYS. AVN. College

Under the Faculty Guideship of

P. Rajani

(Name of the Faculty Guide)

Department of

English

(Name of the College)

Submitted by:

S. Noora Jao

(Name of the Student)

Reg.No: 120130801063

Department of History

(Name of the College)

MYS. AVN. College

Student's Declaration

I, Seera. Nooka Rao a student of Internship
Program, Reg. No. 120130801063 of the Department of History
College do hereby declare that I have completed the mandatory internship
from September to October in computer Hard (Name of
the intern organization) under the Faculty Guideship of
P. Rajani (Name of the Faculty Guide), Department of
English, MYS. AVN. college
(Name of the College)

S. Nooka Rao
(Signature and Date)

Official Certification

This is to certify that S. Nooka Rao (Name of the student) Reg. No. 120130801063 has completed his/her Internship in physical Internship (Name of the Intern Organization) on computer Hardware Net working (Title of the Internship) under my supervision as a part of partial fulfillment of the requirement for the Degree of BACHELOR in the Department of MYS. AVN. COLLEGE (Name of the College).

This is accepted for evaluation.

S. Nooka Rao
(Signature with Date and Seal)

Endorsements

J. Ramakrishna
Faculty Guide

J. Ramakrishna Head of the Department
Political Science
Mrs. A.V.N. College
Visakhapatnam

[Signature]
Principal PRINCIPAL
Mrs. A.V.N. COLLEGE
VISAKHAPATNAM

Certificate from Intern Organization

This is to certify that S. NOOKA JAO (Name of the intern)
Reg. No. 120130801063 of MYS. AVN. COLLEGE (Name of the
College) underwent internship in physical computers (Name of the
Intern Organization) from April 2023 to July 2023

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

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. Smt. P. Rajani in English Mrs. A.V.N. college Visakhapatnam for his expert and inspiring guidance.

also I am very grateful to the head of the department of English and the other faculty member of the English department for being a source of support during this project period.

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

Contents

No.	NAME of the contents	page NO.
1.	Introduction	
2.	chapter 1:- executive summary	
3.	chapter 2:- OVERVIEW of the organization	
4.	chapter 3:- Internship part	
5.	activity log for the first week	
6.	weekly Report week - 2	
7.	activity log for the second week	
8.	weekly Report week - 2	
9.	activity log for the third week	
10.	weekly Report week - 3	
11.	activity log for the fourth week	
12.	weekly Report week - 4	
13.	activity log for the fifth week	
14.	weekly report week - 5	
15.	activity log for the sixth week	
16.	weekly Report week - 6	
17.	activity log for the seventh week	

18. weekly Report week - 7
19. activity log for the eighth week
20. weekly Report week - 8
21. activity for the ninth week
22. weekly report week - 9
23. activity log for the Tenth week
24. weekly report week - 10
25. activity log for the eleventh week
26. weekly report week - 11
27. activity log for the twelfth week
28. weekly report week - 12
29. activity log for the thirteenth week
30. ~~act~~ weekly report week - 13
31. activity log for the fourteenth week
32. weekly report week - 14
33. activity log for the fifteenth week
34. weekly report week - 15
35. outcomes description
36. student self evaluation of the Internship
37. Evaluation by the superior of organization
38. References.

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 mother boards
- * Describe the concept of chipset & microprocessor
- * Discuss basis and types of floppy drive
- * HDD/DVD etc
- * The components required to assemble the computer Handling and Holding sensitive equipment.

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 visaknapatnam provides software products, IT services, Hardware networking services.

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.

C. Policy of the organization in relation to the intern role:- v-soft technologies solve the customer queries promptly.

provide the services to esteemed customers
and providing and users services from our
IT team

⇒ Hard ware services solutions

⇒ Network services solution

⇒ web solution

⇒ IT solution

⇒ website development & Hosting

⇒ other services.

performance the organization terms of

revenue profits, market market value :-

marketing plan will be change according to the end
user requirement v-soft technologies will
offer price discount to the end user
even rate demanded products also.

future plans of the organization :-

a strategic plan is a vision of your organization
future and the basic steps required to that
future. a good plan should include
goals and objectives, desired outcomes,
and budget.

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.

Activity and Responsibilities:-

- 1. practicing on pc
- 2. assembling a pc
- 3. listening demonstration
- 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 Adres.

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Optical Bar code Reader (OBR) data used to medical records, library books.	Optical Bar code Reader (OBR)	
Day - 2	output devices, translate the bit a form human	output devices on certain application	
Day - 3	they can recognize the human voice and recognize characters	voice-input device word by the different	
Day - 4	which are capable to detecting alpha-characters and OCR	optical character reader (OCR)	
Day - 5	primary memory stores the instruction	storage devices RAM, ROM	
Day - 6	this type of storage device has a layer of coating of some	magnetic storage device (MSD)	

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

* Input devices are used to input data, information and instructions into the RAM.

* Output devices are divided into two basic categories those that produce hard copy, including printers and copy, including monitors the most commonly used output devices.

* Central processing unit (CPU) is the main component or "brain" of a computer which performs all the processing of input data.

* The network system manages how data is transferred from one computer to another and how different components of a network system work together.

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 tell the hardware how to perform

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

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

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	a mother board is known as the main board, system board, 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	concept of microprocessor	
Day - 4	while 64-bit microprocessor design have been in used since the early	64Bit design in personal in computers	
Day - 5	a floppy drive is a computer component that was the to be crile	Floppy drive removed and reusable	
Day - 6	isa data storage and for storing and retrieving information	Hard Disk drive (HDD)	

WEEKLY REPORT

WEEK - 3 (From Dt.16/04/23 to Dt.22/4/23)

Objective of the Activity Done:

Detailed Report:

- * A mother board 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.

ACTIVITY LOG FOR THE FORTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	DVD is an optical disc that stores data and video circularly	digital di video disc (DVD)	
Day - 2	ram is a abbreviation of random access memory ram is or main memory	random access memory (RAM)	
Day - 3	like a power supply the switched mode power supply	switching mode power supply (SMPS)	
Day - 4	credit card memory is a proprietary self contained	credit card memory (CCM)	
Day - 5	Take advantage of the burst mode concept to greatly improve	synchronous dynamic random access memory	
Day - 6	at stands for advanced technology. They are all old SMPS	They have 12 power pin conductor called at connector.	

WEEKLY REPORT

WEEK - 4 (From Dt. 24/4/23 to Dt. 30/4/23.)

Objective of the Activity Done:

Detailed Report:

* a hard disk drive (HDD) is a data storage device used for storing and retrieving digital information using rapidly rotating discs platters coated with magnetic material.

a digital video disc (DVD) also known as a digital versatile disc is an optical disc that stores data and video

Random access memory (RAM) is a computer storage location that allows information to be stored and accessed quickly from random locations with DRAM on a memory module.

The switched mode power supply converts the available converted ac or dc input voltage to a regulated dc voltage.