

PROGRAM BOOK FOR
SEMESTER INTERNSHIP



Name of the Student: **SIRIKI VENKATESH**

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

Visakhapatnam.

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

Name & Address of the Intern Organization:

IT'S INSTITUTE,, Madhupalem Road, Visakhapatnam, Andhra Pradesh.

Mrs AVN COLLEGE, Visakhapatnam.

Andhra University

YEAR 2022-2023

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, HCTE, 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 HCTE PVT LTD we provides **Software Products, IT services, HR consultancy, Security Systems, and various Transaction Processing Services.** HCTE 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

HCTE 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 HCTE 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 HCTE . you can be certain that we put our

Promotions: The final part of your software company marketing plan is where you will document how you will drive potential customers to your location(s). The following are some promotional methods you might consider:

- Quarterly press releases to industry-wide interest groups
- Engage in social media mining and marketing
- Offer informative blogs, become a speaker in seminars
- Create a strong presence at tech trade shows and conferences
- Give expert opinions on tech social media platforms
- Improve the SEO (search engine optimization) on your website for targeted keywords

F. **Future Plans of the Organization.**

Our speculations for the future say that AI, machine learning, and data science will affect all spheres, and software code will automate most jobs worldwide. And all the software running around the world will need experts in software engineering to develop, maintain, and improve their working. This means that the software engineer demand in the future is going to rise for more managerial roles like taking care of automated software, etc.

The customer demands for software are altering daily in the market, which has opened the sphere of innovation for organizations. While the new technologies being used today demand new skills and the assistance of skilled and experienced software engineers, the software engineers are working hard to learn new languages and stay updated with the trends.

Along with skills, software engineers will need to possess higher levels of ethics and integrity to work in data privacy and transparent AI applications. Software engineers' future prospects will increase as they adapt to the ever-changing digital world around them.

1. Cloud services

2. Artificial Intelligence

3. Low code development

WEEKLY REPORT

WEEK - 1. (From Dr. Sushil, to Dr..... 23-04)

Objective of the Activity Done:

Introduction concept and installation process of python.

Detailed Report:

Python is a programming language Python was created by Guido van Rossum, and first released in February 20, 1991, Python has syntax that allows developers to write programs with fewer lines than some other programming languages. meaning that code can be created on more is called. This means that Python - Typing is very quickly.

To install python using microsoft store;
Go to your start menu (lower left window)
Type "microsoft store" select. then click to open-

Objective of the Activity Done:

Python Loop concept.

Deadline: Report

Python is one of the most popular and versatile programming languages available today.

deployed across many industries and used for such development, machine learning and data science.

In this article, we will be learning about Python loops, including the different types of loops and how conditional statements work in the program but encounter the outer loop. Performing its first iteration this first iteration at the top of the outer loop. computing the second iteration and again trigger.

ACTIVITY LOG FOR THE SEVENTH WEEK

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day-1 13/5/23	Explain about Inheritance and types with examples	Inheritance is a way that inheritance all the methods from	
Day-2 15/5/23	Explain about programs of inheritance	Inheritance. Allow us to create areas class from an	
Day-3 16/5/23	Explain about Abstraction and usage with examples	Abstractions in a program of handling complexity.	
Day-4 17/5/23	Explain about OOPS concepts	OOPS is a programming paradigm that uses objects & classes.	
Day-5 18/5/23	Explain about OOPS concepts with examples and usage.	OOPS is used to structure a software program.	
Day-6 19/5/23	Explain about programs of Object & class	An object is a own time entity and class is a template.	

WEEKLY REPORT

WEEK - 9, (From Di.22/5... to Di..... 2/6.....)

ive of the Activity Done:

Python Modules :

ed Report:

Module allows you to logically organize your
then code grouping related code into a
the the code easier to understand and
a module is a python object with other
g named attributes that you can bind
nd define. Simply a module is a file
isting of the python code : A module can
upin functions classes and variables: A module
can also include runnable code.

When the interpreter executes an import
statement it imports the module if the
module is present in the search path.