

Model Program Book



SEMESTER INTERNSHIP

Designed & Developed by



**ANDHRA PRADESH
STATE COUNCIL OF HIGHER EDUCATION**

(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)

PROGRAM BOOK FOR
SEMESTER INTERNSHIP

Name of the Student: *P. Saisujana*

Name of the College: *Government Degree college*

Registration Number: *2160300541015*

Period of Internship: From: *18/01/2024* To: *18/04/2024*

Name & Address of the Intern Organization *Junior software
developer.*

yogi Vemana **University**
YEAR

An Internship Report on

Junior software developer

(Title of the Semester Internship Program)

Submitted in accordance with the requirement for the degree of

BSC [MSCS]

Under the Faculty Guideship of

K. Sekhar Babu

(Name of the Faculty Guide)

Department of

Mathematics

(Name of the College)

Submitted by:

P. Sai Sujana

(Name of the Student)

Reg.No: 216030054015

Department of Mathematics

Government Degree College, Rajampet.

(Name of the College)

Instructions to Students

Please read the detailed Guidelines on Internship hosted on the website of AP State Council of Higher Education <https://apsche.ap.gov.in>

1. It is mandatory for all the students to complete Semester internship either in V Semester or in VI Semester.
2. Every student should identify the organization for internship in consultation with the College Principal/the authorized person nominated by the Principal.
3. Report to the intern organization as per the schedule given by the College. You must make your own arrangements for transportation to reach the organization.
4. You should maintain punctuality in attending the internship. Daily attendance is compulsory.
5. You are expected to learn about the organization, policies, procedures, and processes by interacting with the people working in the organization and by consulting the supervisor attached to the interns.
6. While you are attending the internship, follow the rules and regulations of the intern organization.
7. While in the intern organization, always wear your College Identity Card.
8. If your College has a prescribed dress as uniform, wear the uniform daily, as you attend to your assigned duties.
9. You will be assigned a Faculty Guide from your College. He/She will be creating a WhatsApp group with your fellow interns. Post your daily activity done and/or any difficulty you encounter during the internship.
10. Identify five or more learning objectives in consultation with your Faculty Guide. These learning objectives can address:
 - a. Data and Information you are expected to collect about the organization and/or industry.
 - b. Job Skills you are expected to acquire.
 - c. Development of professional competencies that lead to future career success.
11. Practice professional communication skills with team members, co-interns, and your supervisor. This includes expressing thoughts and ideas effectively through oral, written, and non-verbal communication, and utilizing listening skills.
12. Be aware of the communication culture in your work environment. Follow up and communicate regularly with your supervisor to provide updates on your progress with work assignments.

13. Never be hesitant to ask questions to make sure you fully understand what you need to do your work and to contribute to the organization.
14. Be regular in filling up your Program Book. It shall be filled up in your own handwriting. Add additional sheets wherever necessary.
15. At the end of internship, you shall be evaluated by your Supervisor of the intern organization.
16. There shall also be evaluation at the end of the internship by the Faculty Guide and the Principal.
17. Do not meddle with the instruments/equipment you work with.
18. Ensure that you do not cause any disturbance to the regular activities of the intern organization.
19. Be cordial but not too intimate with the employees of the intern organization and your fellow interns.
20. You should understand that during the internship programme, you are the ambassador of your College, and your behavior during the internship programme is of utmost importance.
21. If you are involved in any discipline related issues, you will be withdrawn from the internship programme immediately and disciplinary action shall be initiated.
22. Do not forget to keep up your family pride and prestige of your College.

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Student's Declaration

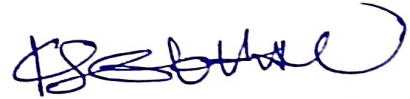
I, Pandeti Saisujana a student of Junior software developer
Program, Reg. No. 216030054015 of the Department of Mathematics
College do hereby declare that I have completed the mandatory internship
from 18/01/2024 to 18/04/2024 in Junior software Developer / PMKVY (Name of
the intern organization) under the Faculty Guideship of
K. Sekhar Babu (Name of the Faculty Guide), Department of
Mathematics, Government degree college, Rajampet.
(Name of the College)

P. Saisujana.
(Signature and Date)

Official Certification

This is to certify that Pandeti Saishujana (Name of the student) Reg. No. 216030054015 has completed his/her Internship in PMKVY^{Siva Sai} Technologies (Name of the Intern Organization) on Junior software developer (Title of the Internship) under my supervision as a part of partial fulfillment of the requirement for the Degree of III BSC (MSCS) in the Department of Govt degree college (Name of the College).

This is accepted for evaluation.



(Signatory with Date and Seal)

Lecturer in Maths
Government Degree College
Rajampet, Kadapa (Dt.)

Endorsements

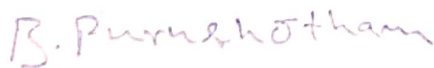
Faculty Guide



Head of the Department



Principal



PRINCIPAL
Govt. Degree College
RAJAMPET - 516 115.
Anaparthi Dist.

CERTIFICATE FROM INTERN ORGANIZATION

This is certify that Pandeti saisujana Reg.No. 216030054015 of Government Degree College, Rajamepeta, Annamaya-516115 underwent internship in SIVA SAI TECHNOLOGIES-RAYACHOTY from 18/01/2024 to 18/04/2024.

The overall performance of the intern during his/her internship is found to be ☒ SATISFACTORY /
☐ NOT SATISFACTORY



(Authorized signatory with date and seal)



CERTIFICATE OF INTERNSHIP

This is to certify that

P.SAI SUJANA

S/O D/O



P.VENKATA SUBBA RAJU

Has Completed His/Her internship program on

PYTHON

Held From 18-01-2024 To 18-04-2024.



SEAL

P.V.

SIGNATURE

Acknowledgements

I would like to express my deep sense of gratitude to our respected principal sir Dr. Puvushotam which provide all facilities to us.

It is with immense pleasure that we would like to express our indebted gratitude to our internship co-ordinator sekhar babu sir who has guided us a lot and encouraged us in every step of the intern projects works his valuable moral support and guidance through the intern project helps us to a greater extend for inspiring us all the way and for arranging all the facilities and resources needed for our project.

We wish to thank.

support and suggestion during our project work. we would like to express our heartfelt gratitude to sudheer sir, sukuman sir and srikanth sir.

We are thankful to Govt. polytechnic college management for providing all the facilities in time to us for providing all the facilities to us for completion to our project.

I am also thankful to the commissioner of collegiate.

Finally, I learned technical skills and communication skills.

Contents

Chapter	Content
chapter-1	Executive summary
chapter-2	overview of organization
chapter-3	Internship part
chapter-4	Activity log & weekly reports
chapter-5	outcomes description
chapter-6	photos / links
chapter-7	Evaluation.

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.

Learning objectives and outcomes :

- * Basics of computer.
- * Communication skills
- * Technical skills
- * Software testing
- * Interview skills.

Activities done during internship :

We have been learned about in basics of computers have gained for typing, keywords and MS-office etc. During these weeks they through taught us all the basic concepts of skill and software development, At the end of every session they classified our doubts.

During these weeks we are prepared for what is learning in junior software developer course. Exams conducted by teaching faculties. There were write exam and successfully completed my internship sessions. After submission of project and exam, I got the "Junior software developer certificate" from PMKVY. This internship and course helps us improved our skills and boost up our confidence.

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.

Introduction of the organization :

Official website : PMKVY official website

Launch year : 2015

sector : Junior software developer

status : Active

Eligibility : Any degree

Visions and Missions : The scheme has been designed on a software development certification with our aim to enable and mobilize large number of Indian youth to take up skill training and become employable for sustainable livelihood. Policy of the organization in relation with the intern role.

Organizational structure: The organization intends to create opportunities and space for the development of talents in Indian youth. All skill training would include soft skill system training, personal and good work ethics.

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.

Learning objectives and outcomes skills:

- * Communication skills
- * Technical skills
- * Basics of computer
- * Software testing
- * Interview skills.

A weekly working schedule: We have classes from Monday to Saturday every week and starts from 9 AM and from 4 PM everyday of my internship was weeks long. In which weeks were learning and teaching sessions. In last week were software development written exams, seminars, GID'S, PPT presentations etc.

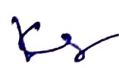
Equipment:

For this internship Man-hand and computer devices used.

Interview and employability skills:

1. Communication skills
2. Management skills
3. Technical skills.

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Interview skills: self-Introduction seminar. Syllabus Introduction: overview of the syllabus.	I have learned how to introduce myself in front of people. Analyze the syllabus.	
Day - 2	Basics of computer: Basic shortcut keys, word, excel, google windows shortcut keys Interview skills: questions	I have learned how to use shortcut keys in computer and what questions are asked in interview.	
Day - 3	Basics of computer: Full forms of computer. Interview skills: write the answers of interview questions	I have learned how to use full forms in computer and write the answers of interview questions.	
Day - 4	Basics of computer: Functionalities, advantages & Disadvantages of computer. Interview skills: format of resume.	I have learned functionalities, advantages & Disadvantages of computer and format of resume.	
Day - 5	Basics of computer: Applications, types, input, output devices of computer. Interview skills: sample resume creation.	I have learned computer applications, types, input & output devices and also learned how to create resume.	
Day - 6	Basics of computer: Computer memories & generations. Interview skills: Letter writing.	I have learned computer memories & generations and how to write letters formatting.	

WEEKLY REPORT

WEEK - 1 (From Dt 18/01/24.. to Dt 23/01/24.)

Objective of the Activity Done:

Detailed Report:

From the first day when I joined in the classroom. I am very excited because I like the education. I have met the teacher and listen the class. participate in self introduction seminar and introduce of overall syllabus. Must and should be attend the class.

I have learned also basics of computer. I learn shortcut keys, full forms, functionalities of computer, advantages & disadvantages, applications of computer. I have also learned memory and generations of computer.

In another part I have interview questions & answers, format of resume, creating a effective resume and letter writing.

Because of these classes I have learn think before speak, communication skills and basics of computer, Develop interpersonal and other critical skills in the future job these are the most important points to get job in any sector to understand this information in this week classes.

ACTIVITY LOG FOR THE SECOND WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	Basics of Computer : Block diagram of computer, RAM & ROM. Interview skills : Essay of newspaper.	I have learned block diagram of computer and types of RAM & ROM write essay of newspaper.	
Day -2	Basics of computer : Parts of computer. Software testing : Introduction.	I have learned parts of computer and introduction of software testing.	
Day -3	Basics of computer ; Explain about mouse , keyboard software testing : Define software , testing and types of models.	I have learned about mouse & keyboard and also definition of the software & testing model of software testing.	
Day -4	Basics of computer ; Explain number system and types of number systems. software testing : Software development life cycle & steps.	I have learned number system and types of number system . And also learned SDLC models & steps .	
Day -5	Basics of computer ; Binary to octal conversions. software testing : STLC model, manual testing & steps .	I have learned binary to octal conversions and STLC model, manual testing and types.	
Day -6	Basics of computer ; Binary to decimal conversions. software testing : Functional testing steps .	I have learned how to convert binary to decimal and steps of functional testing.	

WEEKLY REPORT

WEEK - 2 (From Dt. 24/01/24. to Dt. 29/01/24.)

Objective of the Activity Done:

Detailed Report:

This is second week of the internship program. I am comfortable this week than the first week. This week I have learned block diagram of computer. RAM & ROM memory, ports, mouse, keyboard of the computer. In this week I have learn very important topic is number system. This number system is very interesting and large topic. All competitive exams have the number system questions. After listening these classes, I have full knowledge about number system.

This week I have write the essay of newspaper. The newspaper is very important to gain knowledge in particular fields. The second week start the software testing. It is the technical programming course like C, Java, python. In this course also having the code. Software testing learned to get job in testing field.

The software testing have definition of software & testing, models of testing, software development life cycle and steps. I have learned also in software testing manual testing types, functional testing & steps.

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Basics of computer: Binary to hexa-decimal conversions. software testing: Roles & responsibilities of testers, why testing is required.	I have learned how to convert binary to hexa-decimal and roles & responsibilities of testers.	fer
Day - 2	Basics of computer: Octal to binary & decimal conversions. software testing: SDLC real time process implement.	I have learned how to convert octal to binary & decimal and SDLC real time process implement.	fer
Day - 3	Basics of computer: Exam of keywords, full forms, block diagram of computer. software testing: Types of SDLC modules, waterfall, V-model.	I have learned and write the exam and learned types of sdlc modules waterfall & V module.	fer
Day - 4	Basics of computer: Octal to binary, Hexadecimal conversions. software testing: Explain the agile module.	I have learned how to convert octal to hexa decimal. Explain the agile module.	fer
Day - 5	Basics of computer: Decimal to binary & octal conversions. software testing: Explain STLC real time process implementation.	I have learned how to convert decimal to binary & octal. Explain in STLC real time process implementation.	fer
Day - 6	Basics of computer: Decimal to hexa decimal conversions. software testing: Test case design techniques.	I have learned how to convert decimal to hexadecimal and Test case designs.	fer

WEEKLY REPORT

WEEK - 3 (From Dt. 30/01/24 to Dt. 05/02/24)

Objective of the Activity Done:

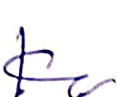
Detailed Report:

This is the third week of the internship program. This week I have learned number system conversions. Conversions there are binary to hexa decimal, octal to binary, octal to decimal, octal to hexa decimal, decimal to binary, decimal to octal and hexadecimal.

This week I have write the exam in keywords, full forms, and block diagram of computer. This exam will conducted how much we understand the topics and analyze our performance this why teachers conduct this exam. In this exam 10 shortcut keys, 30 full forms, block diagram of computer are given.

In software testing I have learned roles and responsibilities of testers, why testing is required, sdlc real time process implementation. Types of sdlc modules there are 4 types of modules waterfall, v module and test case design techniques. Testing is very creative and interesting subject. The software testing is easily understand in short time only.

ACTIVITY LOG FOR THE FORTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Basics of Computer: Hexa decimal to binary & octal conversions. Software testing: Severity and Priority.	I have learned how to convert hexa decimal to binary & octal and severity & priority.	
Day - 2	Basics of Computer: Hexa decimal to decimal conversions. Software testing: Bug life cycle.	I have learned how to convert hexa decimal to decimal and bug life cycle.	
Day - 3	Basics of Computer: Typing skills. Software testing: Types of testing.	I have learned types of testing and typing in notepad.	
Day - 4	MS-Office: Create resume in lab. Software testing: QA & QC when to stop testing.	I have learned how to create resume in MS-Word and QA & QC.	
Day - 5	MS-Office: Explain how to create Pamphlet. Software testing: Real time project - adaction hotel.	I have learned how to create pamphlet and how to do real time project.	
Day - 6	MS-Office: Create pamphlet in MS-Word. Software testing: Write the test scenarios.	I have learned how to create pamphlet and write the test scenarios.	

WEEKLY REPORT

WEEK - 4 (From Dt. 06/02/24 to Dt. 12/02/24)

Objective of the Activity Done:

Detailed Report:

This is the fourth week of the internship program.

This week also I have learned conversions. There are also hexadecimal to binary, hexadecimal to octal, hexadecimal to decimal. This is the last conversions. This week is the end of the number systems.

In this week I have learned typing skills in notepad. I am very enjoyed to practice typing in notepad. After the typing practice I have create effective resume. My teacher explain the creation of pamphlet. Next day I have create pamphlet in MS-Word. I am very happy to see the pamphlet.

In software testing I have learned Severity and priority and their levels, bug life cycle, Types of testing, quality assurance. In this week I have done the real time project in adactin hotel page. In this page I have login and testing the particular elements and write the test scenarios of the adactin hotel page.

ACTIVITY LOG FOR THE FIFTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	MS-office : Explain how to create Id-card. Software testing : write the test cases in adaction hotel	I have learned how to create Id card and how to write test cases in adaction hotel.	
Day -2	MS-office : Create Id card in MS-word. Software testing : write the exam on manual testing.	I have learned how to create bill in lab and write the exam on manual.	
Day -3	MS-office : create bill in MSword in the lab. Software testing : Introduction to Automation testing.	I have learned how to create bill in lab and introduction to automation testing.	
Day -4	MS-office : Explain how to create newspaper in word. Software testing : Types & tools of automation testing.	Explain how to create newspaper in msword & tools of automation testing.	
Day -5	C language : Introduction of c language. Software testing : power point presentation	I have learned to introduction of c language and create Powerpoint presentation	
Day -6	C language : History of C language. Software testing : powerpoint presentation seminar.	I have learned history of c language and list on powerpoint presentation	

WEEKLY REPORT

WEEK - 5 (From Dt.13/02/24 to Dt.18/02/24.)

Objective of the Activity Done:

Detailed Report:

This is the fifth week of the internship program.

I have learned how to create Id card, bill, and newspaper in the ms-word. The creation of Id card bill and newspaper I have improve the knowledge about MS word. knows all the information of MS word. Types of tools and how use tools in MS word such as paragraph alignment, page size, Margins, Insert shapes & pictures, word art, header & footer, text size, colour.

In software testing I have write the test cases in adarsh hotel page. In this week write the exam in manual testing. After the manual testing start in automation testing defines the introduction & tools. In this week I have participated in power point presentation in manual testing types, my friends also participate in this seminar.

In this week started c programming language firstly the teacher says introduction of C language.

ACTIVITY LOG FOR THE SIXTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	C language: Applications, versions of C language. software testing: power point presentation.	I have learned application, versions of C, and powerpoint presentation.	fer
Day - 2	C language: Basic structure of C program. software testing: Power Point presentation.	I have learned basic structure of C and listen Ppt presentation.	fer
Day - 3	C language: Tokens in C software testing: ppt presentation.	I have learned keywords, identifiers in C tokens and Ppt presentation.	fer
Day - 4	C language: Constants, strings, special symbols. software testing: object identifiers of elements.	I have learned constants, strings special symbols and explain about locators.	fer
Day - 5	C language: Arithmetic & relational operators. software testing: explain xpath attributes.	I have learned some operators and explain xpath attributes & syntax.	fer
Day - 6	C language: Logical & bitwise operators. software testing: show the example of inspect option.	I have learned logical & bitwise operators and example of inspect option.	fer

WEEKLY REPORT

WEEK - 6 (From Dt 19/02/24.. to Dt 24/02/24)

Objective of the Activity Done:

Detailed Report:

This is the sixth week of the internship program

In this I have learned applications & versions of C language, tokens in C language such as keywords, identifiers, constants, strings, special symbols and operators. In operators there are different types such as Arithmetic operators, these operators are perform addition, subtraction, multiplication, division operations. Relational operators are perform logical and, logical OR, logical NOT operators. Bitwise operators are perform bitwise AND, OR, exclusive OR.

In software testing I have learned and listen different seminars on different topics such as modules of testing, voting behaviour, Robot technology etc. I have learn object identifiers or element locators and xpath attributes & syntax.

My teacher explain the object identifiers in google, facebook using inspect option using the we can find the element locators.

ACTIVITY LOG FOR THE SEVEN WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	C language : Assignment operators. software testing : covid 19 education startups GID.	I have learned assign and listen covid 19 educations Groups discussions.	
Day -2	C language : Variable naming, definition, declaration. software testing : GID on 1% income tax.	I have learned variables and GID on 1% income tax pay.	
Day -3	C language : Datatypes in C language. software testing : GID on IIT working at google.	I have learned data types in C language. GID on IIT working at google.	
Day -4	C language : Basic & derived datatypes. software testing : GID on encounter of Hyderabad rapist.	I have learned basic & derived data types and GID on Hyderabad rapist.	
Day -5	C language : User-defined datatypes. software testing : GID on poverty facts.	I have learned user-defined data types, GID on poverty facts.	
Day -6	C language : Explain sample C program. software testing : GID on Mars mission.	I have learned explain sample C program and GID on Mars mission.	

WEEKLY REPORT

WEEK - 7 (From Dt. 25/02/24. to Dt. 01/03/24.)

Objective of the Activity Done:

Detailed Report:

This is the seven week of the internship program. In this I have learned assignment operators. Variable naming, definition, declaration and initialization. And also learned datatypes in C language. Explain the simple program of C programming language. In these classes I have learn most of the topics of C language.

In software testing include Group discussions such as covid-19 education startups, GDP on 1%. People pays pay income tax, IIT working at google schooling online and bullet train introducing India, encounter of hyderabad rapist, Dem of additional homework, poverty facts, causes and effects, micro missions, india has ready for cash less economy. These topics are covered in group discussions and help to me to gain knowledge and information in general studies. These GDP are improve the confidence and communication skills in English.

ACTIVITY LOG FOR THE EIGHTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	C language : Decision making statements . If, If-else. Software testing : Java	I have learned Decision making statements , If, If-else and Java introduction	fer
Day -2	C language : else-if ladder, nested if, switch statement. Software testing : Explain eclipse.	I have learned else-if, ladder, nested if, switch statement Explain eclipse.	fer
Day -3	C language : Looping statements, while loop. Software testing : Data types and variables.	I have learned looping statements while loop, data types & variables.	fer
Day -4	C-language : Do-while loop, for loop. Software testing : Conditional statements.	I have learned Do-while loop, for loop, core Java & conditional statements.	fer
Day -5	C language : strings in C language. Software testing : loops	I have learned strings in C language . core Java loops, statements.	fer
Day -6	C language : Arrays in C language. Software testing : keywords, oops concept.	I have learned arrays in C language, oops concept in core Java.	fer

WEEKLY REPORT

WEEK - 8 (From Dt. 02/03/24 to Dt. 07/03/24)

Objective of the Activity Done:

Detailed Report:

This is the eight week of internship program. In this I have learned decision making statements such as If, if-else, else-if ladder, nested if, switch statement. Looping statements such as while loop, do-while loop, for loop, strings in C language, arrays in C language. These classes all about conditional & looping statements are very important to C language.

In software testing include core Java concepts like Java, class, method, object, use of the class, use of the method, use of the object. These all are the basics of core Java. In core Java have variables, datatypes, conditional statements such as if, if-else, looping statements such as while loop, do-while loop, for loop, foreach loop, keywords, oops concepts means object oriented programming language such as abstraction, encapsulation, polymorphism. Java is an object oriented programming language.

ACTIVITY LOG FOR THE NINETH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Java : Inheritance in core Java. software testing : Explain how to install JDK.	I have learned inheritance in core java. Explain how to install JDK.	
Day - 2	Java : Polymorphism in core Java. software testing : Explain how to download eclipse.	I have learned Polymorphism in core Java and how to download eclipse.	
Day - 3	Java : Exception handling software testing : selenium and selenium & QTP.	I have learned exception handling Explain selenium, selenium JDK.	
Day - 4	C language : perform the conditional statements. software testing : Install JDK in lab & Install eclipse.	I have learned write conditional statements in program and install JDK.	
Day - 5	C language : perform the else if ladder & nested if software testing : write a sample program.	I have learned write else if & nested if programs in the lab and sample program.	
Day - 6	Basics of computer's Number system exam. software testing : write a conditional statement program.	I have write number system exam. write a conditional statements.	

WEEKLY REPORT

WEEK - 9 (From Dt 08/03/24 to Dt 13/03/24)

Objective of the Activity Done:

Detailed Report:

This is the ninth week of the internship program. In this week I have learn inheritance in core Java. In C language I have learn write the programs in conditional statements such as If, If-else, else-if ladder, nested if in the computer and also write the number system exam. In this exam gives the conversions. The conversions are very important for competitive exams and software jobs (1a) also gives the conversions in interview or hiring process exam.

Next I have learn how to install Java JDK and how to install eclipse. After the installation I have to create project, give the project name, next create package and class. Then write the program in eclipse JDK. In software testing include core java, so perform and write conditional statements program in eclipse IDE. I learn the how to create the project, package, class and how to write program, how to execute program. These are all the learned in this week classes.

ACTIVITY LOG FOR THE TENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	C language ; write C program to give rating in the lab. Software testing : loops.	I have learned how to write C program to give rating and looping statements.	Ke
Day - 2	C language : write a looping statements programs. Software testing : constructs types.	I have learned how to write looping statements . case Java constructors .	Ke
Day - 3	C language : write a programs examples of string. Software testing : webdrivers	I have learned how to write strings program . explain selenium webdrivers.	Ke
Day - 4	C language : write a program in one - dimensional array. Software testing : webdrivers.	I have learned how to write one - dimensional array and webdrivers .	Ke
Day - 5	C language : write a program in 2D array. Software testing : Explain to add jarfiles in project.	I have learned how to write a 2D array program and how to add jarfiles .	Ke
Day - 6	Python : Explain python syllabus . Software testing : explain program for firefox driver.	I have learn python program syllabus and program for firefox driver .	B

WEEKLY REPORT

WEEK - 10 (From Dt/14/03/24... to Dt/19/03/24..)

Objective of the Activity Done:

Detailed Report:

This is the tenth week of the internship program. In this week I learned how to write a program to give rating such as excellent, good, average, bad, worst. And also writing programs in looping statements in C language write a program in string write a program in one dimensional array and multi dimensional array in C language.

Next I have learned in software testing write a programs in core java looping statements, constructor and types, explain web drivers in selenium how to download selenium webdrivers such as firefox driver, chrome driver, explain how to added jarfiles to the project and process of the overall installation of the webdrivers.

Explain program for orange HRM website. In this application login-logout program will be explained using firefox driver.

ACTIVITY LOG FOR THE ELEVENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	python; Introduction to python. Software testing; Explain alert-popup program.	I have learned introduction to python and explain alert and popup.	
Day -2	python; why use python, applications of python. Software testing; write alert-popup program	I have learned why use python, applications of python and popup programs	
Day -3	python; Features of python Software testing; Explain keyboard action program	I have learned features of python. Explain keyboard action program.	
Day -4	python; comment statements in python. Software testing; write keyboard action program	I have learned comments in python and write keyboard action programs.	
Day -5	C language; Exam in C programming python. Software testing; overall division	I have learned & write C program exam and listen overall syllabus.	
Day -6	python; Keywords of python Software testing; exam in manual & automation testing.	I have learned keywords and write exam on software testing.	

WEEKLY REPORT

WEEK - 11 (From Dt 20/03/24.. to Dt 25/03/24)

Objective of the Activity Done:

Detailed Report:

This is the eleventh week report of the internship program. In this week I have learn introduction to python, why use python, applications of python features of python, comment statements in python. Keywords of python because of these classes I learn basic of python very easily python is a simple and easy to learn than the other programming languages like C, C++, java etc.

In this week I write C language exam also, next software testing explain the alert-popup program. In this program using orange HRM application. I can write keyboard action program in the computer and execute the program. And explain program and run the program in computer. My teacher overall syllabus manual & automation testing are division. This will help us to repeat the syllabus and easy to learn overall syllabus.

ACTIVITY LOG FOR THE TWELVETH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	python: Datatypes in python. GID: Impact of social networking sites.	I have learned datatypes and write GID on impact of networking.	Ker
Day - 2	python: string, list, tuple datatypes in python. GID: Tobacco must be banned.	I have learned string, list, tuple datatypes and GID on Tobacco banned.	Ker
Day - 3	python: Tuple, sets, mapping, Range datatypes. GID: Walmart & flipkart deal impact on indian economy.	I have learned list, tuple, set datatypes and GID on Walmart impact on indian economy.	Ker
Day - 4	python: operators in python assignment, relational GID: Roles of engineers in disaster management	I have learned operators and GID on roles of engineers in disaster management.	KV
Day - 5	python: Logical, unary operators in python. GID: India have a one child policy.	I have learned logical, unary operators and GID on india have a one child policy.	Ker
Day - 6	python: Arithmetic, bitwise, special operators. GID: Gold monetization on scheme	I have learned bitwise, special operators and GID on Gold monetization	Ks

WEEKLY REPORT

WEEK - 12 (From Dt. 26/03/24.. to Dt. 31/03/24.)

Objective of the Activity Done:

Detailed Report:

This is twelveth week of the internship program. In this week I have learned more topics of each subject. There are datatypes in python such as none, numeric, string, list, tuple, sets, mapping, range datatypes. These datatypes help me to how write program and which type of data entered program. And also I learned operators in python such as arithmetic, relational, logical, unary, bitwise, assignment, special symbol operators.

Next I have learned and participated in the part of Group discussion. The topics of group discussion are very interesting and important. In this group discussion I can search information for given topics and write information about these topics in the notes. This group discussion help me to my confidence, communication skills and the topics of Group discussion are impact of social networking sites, social media connects people.

ACTIVITY LOG FOR THE THIRTEENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Additional chapter: Giving the directions. software testing: Explain Dropdown & checkbox program	I have learned giving the direction Explain dropdown & checkbox programs.	fer
Day - 2	Additional chapter: self and management in workplace. software testing: write dropdown programs.	I have learned self and work management and write dropdown programs.	fer
Day - 3	Additional chapter: Team work and communication in workplace. software testing: file upload program.	I have learned team work and communication and file upload program.	fer
Day - 4	Additional chapter: Hazards at workplace. python: conditional statements.	I have learned hazards at workplace and simple if, if else program.	fer
Day - 5	Additional chapter: Dealing with emergencies in workplace. python: conditional statements.	I have learned dealing with emergencies in workplace if-elif-else statement.	fer
Day - 6	Additional chapter: Data and information management. python: Looping statements in Python.	I have learned data and information management, looping statements.	fer

WEEKLY REPORT

WEEK - 13 (From Dt 01/04/24.. to Dt 06/04/24.)

Objective of the Activity Done:

Detailed Report:

This is the thirteenth week of the internship program. In this week I have learned giving the directions topic. This topic is very helpful to real life situations. And also I learned additional chapters like self and work management, teamwork and communication and hazards at workplace, dealing with emergencies, data and information management because of these chapters I have learned how should I be in workplace after getting the job my behaviour with colleagues, how to be communicative, my work efficiency time management.

Next I have learned in software testing explain dropdown and checkbox program and write program, explain fileupload program in orange HRM. In python programming language I have learned conditional statements and looping statements classes were held. In these statements programs using less code.

ACTIVITY LOG FOR THE FOURTEENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Additional chapter: Develop your knowledge, skills and competition. python: write programs in conditional statements.	I have learned how to develop knowledge skills and how to write conditional programs.	fer
Day - 2	Additional chapter: personal strength and value system python: write programs looping statements.	I have learned enhance personal strength and write program looping statements.	fer
Day - 3	python: write a program if-elif-else in the computer. software testing: file upload programs.	I have learned how to write if-elif-else program and file upload program.	fer
Day - 4	python: write strings in python. Additional chapter: Listen all additional chapters.	I have learned strings in python and prepare all additional chapters.	fer
Day - 5	python: Explain functions in python. software testing: Automation frameworks	I have learned functions in python and automation frameworks.	fer
Day - 6	python: write exam in python. software testing: Explain Test NG, Annotations	I have learned Test NG, annotation and write exam in python.	fer

WEEKLY REPORT

WEEK - 14 (From Dt 07/04/24 to Dt 12/04/24)

Objective of the Activity Done:

Detailed Report:

This is fourteenth week of the internship program. In this week I have learned topics and develop your knowledge skills and competition personal strength and value system, digital literacy in group discussions. Because of these group discussions I have learned develop knowledge skills such as communication time management, leadership and competitive spirit.

In python language write program conditional statements in the computer and also write program in looping statements in the computer. Next software testing learned the how to write program file upload in the computer, explain automation framework, framework is a creation of a folder structure with standard rules.

The use of Test NG is to generate a HTML Page Report. The annotations means in Test NG are lines of code is there to control the code with the help of the symbols.

ACTIVITY LOG FOR THE FIFTEENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Internship Skills; personal strengths and value system.	I have learnt personal strengths and communication skills.	Ker
Day - 2	Employeeability Skills; Develop knowledge about competities.	I have learnt some employeeability skills.	Ker
Day - 3	Intern Personal Skills; Time management / work management / communication	I have build my time, work management and others.	Ker
Day - 4	Interview skills; conducting interviews.	I have build / learnt how to face to interviews.	Ker
Day - 5	Collabration skills; Group discussions & group seminars	I have learnt working well with others.	Ker
Day - 6	Technical skills; program languages	I have learnt basics of python (MS office).	Ker

WEEKLY REPORT

WEEK - 15 (From Dt 13/04/24.. to Dt 18/04/24..)

Objective of the Activity Done:

Detailed Report:

The fifteenth week of internship program I have learnt internship skills strengths and values.

I have learnt employability skills, interpersonal skills, interview skills, collaboration skills and also technical skills.

Entire internship programme I learnt employability skills, interview skills and also technical skills.

CHAPTER 5: OUTCOMES DESCRIPTION

Describe the work environment you have experienced (in terms of people interactions, facilities available and maintenance, clarity of job roles, protocols, procedures, processes, discipline, time management, harmonious relationships, socialization, mutual support and teamwork, motivation, space and ventilation, etc.)

Outcomes :

- * In this software junior development course under PMKVY, I have to learn importance of skill development in the field of software development.
- * Also I am learn following
 - * Introduction of software development, understanding the basic of software development.
 - * Overview of programming languages and their importance.
 - * Programming fundamentals, basic of programming logic and problem solving, variables, data types and operators.
 - * Control structures, loops and conditional statements
 - * Object-oriented programming and understanding the project principal at OOP classes, objects and inheritance, polymorphism etc.
 - * Introduction to web technologies (HTML, CSS, Java, Script.)

Describe the real time technical skills you have acquired (in terms of the job-related skills and hands on experience)

During in this internship I learned many topics acquired these core :

Data management & Analysis ;

I have acquired the technical skills in job related skills. Many companies have needed help managing and storing data securely. This requirements opens up a huge job market linked directly to the technical skills of data management.

Communication skills is in professionally ;

I have learned communication skills. This is help me ability to communicate effectively by conveying information and translating ideas among yours coworkers.

C programming language ;

I have acquired C language in this internship program. C is a general-purpose computer programming language. It can be used to develop software like operating systems, databases, compilers and so on.

Python programming language ;

In this internship I have also acquired Python programming language. Python is a popular programming language. Python might fade away after knowing that a huge number of top rated companies in the world use Python for their operations.

Software testing ; I have acquired software testing in this internship program. software testing plays a crucial role in ensuring that the software meets the deserved standards of quality and performance.

Describe the managerial skills you have acquired (in terms of planning, leadership, team work, behaviour, workmanship, productive use of time, weekly improvement in competencies, goal setting, decision making, performance analysis, etc.

Management skills are important to lead a team and drive the organization in the right direction. And to be a good manager it is important to have skills like planning and creating an effective strategy good communication skills, decision making leadership skills, problem-solving skills, time management, conceptual skills, controlling, motivating and leading the team etc.

Problem-solving and decision making skills: The problem-solving process involves identifying an issue, isolating the cause, evaluating solutions or alternatives, implementing these fixes, and later following up to ensure the problem is resolved.

Planning: Planning and prioritizing skills have everything to do with productivity, efficiency, impact and organization. Your ability to plan requires time management skills and being able to prioritize tasks goes even further, incorporating adaptability, problem-solving, decision making and analytical thinking.

Teamwork: A manager is both a team leader and a team member. It's important to know the team and appreciate what it takes to get the job done and keep the team in mind when making decisions that will affect team members.

Other management skills:

- controlling
- organizing
- leading.

Describe how you could improve your communication skills (in terms of improvement in oral communication, written communication, conversational abilities, confidence levels while communicating, anxiety management, understanding others, getting understood by others, extempore speech, ability to articulate the key points, closing the conversation, maintaining niceties and protocols, greeting, thanking and appreciating others, etc.,)

I learned the many topics in communication skills. I improve the conversation abilities. I improve the conversation abilities. I gain the many communicate level and how to communicate others. Now I understanding the others language. I am freely communicate with good behaviour. My learning level is also increased.

Effective communication is the process of conveying information clearly and efficiently between individual or groups. It involves a sender transmitting a message to a receiver so that the receiver can understand and interpret the intended meaning.

Active listening: This is one of the most important aspect of good communication. Interns should try to fully understand what others are saying.

Verbal communication practice: Take part in things like meetings, team talks and presentations to improve your verbal communication skills.

Observing others and learning from them: Watch good speakers in your organization and learn from how they talk. Pay attention to how they organize their messages.

I have learned in these following points:

1. Self introduction
2. Seminar
3. Powerpoint presentation.
4. Group discussion
5. Sample interview.

Describe how could you could enhance your abilities in group discussions, participation in teams, contribution as a team member, leading a team/activity.

To enhance my abilities in group discussion for my classmates. To discussion with over a period after what learning this class.

Contribution as a class member;

Understand the my problems and solved by the classmates my problems to support and construe my studies to achieve my contribution on my classroom.

I specially thanks to understand my problem and solve the problem.

1. Active listening ; Actively listen at others during group discussions or team meetings. This means giving your full attention, maintaining eye contact, and showing genuine interest in what others have to say.
2. Effective communication; Improve your communication skills by practicing clear and concise verbal and written communication. Pay attention to your tone, body language and choice of words to ensure your message is conveyed accurately and respectfully.
3. Preparation ; Before group discussion or team activities, take the time to prepare by researching the topic on hand.
4. Collaboration ; Foster a collaborative environment by actively seeking input from team members and valuing their contributions.
5. Leadership skills ; If you aspire to be a leader focus on developing your leadership skills. This includes taking initiative, being practice and motivating others.
6. Continuous learning ; Embrace a growth mindset and commit to continuous learning.

Describe the technological developments you have observed and relevant to the subject area of training (focus on digital technologies relevant to your job role)

The technological developments I have observed and relevant to the subject area of training. These developments have influenced to content, methods and guidance provided in training programs.

1. Content of learning environments; Technological developments have necessitated a focus on different categories of learning objectives in training programs. These objectives include acquiring knowledge about and learning how to use technology.
2. Methods and didactics; one study suggests that experience based learning can foster adaptability in the face of technological advancements. This implies that training programs should incorporate methods that provide practical experiences to learners.
3. Guidance of trainers and teachers; while no specific suggestions were provided in the search results, it is important to consider the role of trainers and teachers in guiding learners through technologic complexities of new technologies and effectively apply them in their work.
4. Impact on work and self-management; Technological developments have also influenced the way individuals manage their work and themselves. Training programs need to address these changes and equip learners with the necessary skills to adapt to new technologies and manage their work effectively.
5. Role of technology in education; Technology has transformed teaching and learning in various ways. It has the potential to enhance educational experiences, facilitate personalized learning and provide access to resources and information.

Student Self Evaluation of the Short-Term Internship

Student Name: Pandeti Saisujana

Registration No: 2603005245

Term of Internship:

From: 18/01/2024

To: 18/04/2024

Date of Evaluation:

Organization Name & Address: Gowl Polytechnic College, Rajampet.

Please rate your performance in the following areas:

Rating Scale: Letter grade of CGPA calculation to be provided

1	Oral communication	1	2	3	4	5	✓
2	Written communication	1	2	3	4	5	✓
3	Proactiveness	1	2	3	4	5	✓
4	Interaction ability with community	1	2	3	4	5	✓
5	Positive Attitude	1	2	3	4	5	✓
6	Self-confidence	1	2	3	4	5	✓
7	Ability to learn	1	2	3	4	5	✓
8	Work Plan and organization	1	2	3	4	5	✓
9	Professionalism	1	2	3	4	5	✓
10	Creativity	1	2	3	4	5	✓
11	Quality of work done	1	2	3	4	5	✓
12	Time Management	1	2	3	4	5	✓
13	Understanding the Community	1	2	3	4	5	✓
14	Achievement of Desired Outcomes	1	2	3	4	5	✓
15	OVERALL PERFORMANCE	1	2	3	4	5	✓

P. Saisujana
Signature of the Student

Date:

Evaluation by the Supervisor of the Intern Organization

Student Name: Pandeti Saisujana

Registration No: 260300540
15

Term of Internship:

From: 18/01/2024

To: 18/04/2024

Date of Evaluation:

Organization Name & Address: Govt Polytechnic college

Name & Address of the Supervisor
with Mobile Number K. Sudheer

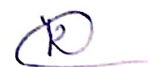
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Please rate the student's performance in the following areas:

Please note that your evaluation shall be done independent of the Student's self-evaluation

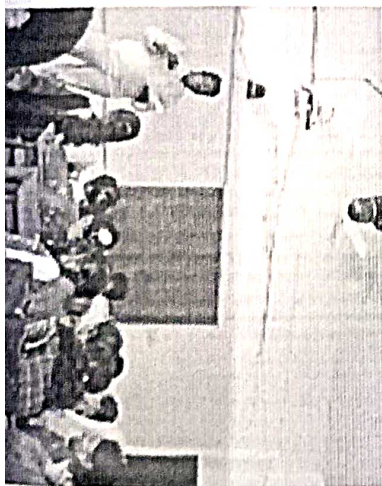
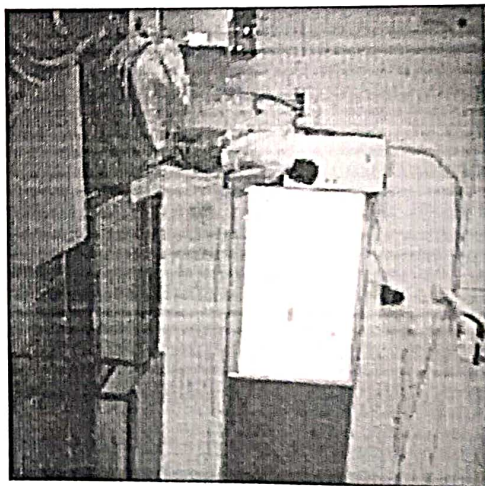
Rating Scale: 1 is lowest and 5 is highest rank

1	Oral communication	1	2	3	4	5✓
2	Written communication	1	2	3	4	5✓
3	Proactiveness	1	2	3	4	5✓
4	Interaction ability with community	1	2	3	4	5✓
5	Positive Attitude	1	2	3	4	5✓
6	Self-confidence	1	2	3	4	5✓
7	Ability to learn	1	2	3	4	5✓
8	Work Plan and organization	1	2	3	4	5✓
9	Professionalism	1	2	3	4	5✓
10	Creativity	1	2	3	4	5✓
11	Quality of work done	1	2	3	4	5✓
12	Time Management	1	2	3	4	5✓
13	Understanding the Community	1	2	3	4	5✓
14	Achievement of Desired Outcomes	1	2	3	4	5✓
15	OVERALL PERFORMANCE	1	2	3	4	5✓



Signature of the Supervisor

Date:



EVALUATION

Internal & External Evaluation for Semester Internship

Objectives:

- Explore career alternatives prior to graduation.
- To assess interests and abilities in the field of study.
- To develop communication, interpersonal and other critical skills in the future job.
- To acquire additional skills required for the world of work.
- To acquire employment contacts leading directly to a full-time job following graduation from college.

Assessment Model:

- There shall be both internal evaluation and external evaluation
- The Faculty Guide assigned is in-charge of the learning activities of the students and for the comprehensive and continuous assessment of the students.
- The assessment is to be conducted for 200 marks. Internal Evaluation for 50 marks and External Evaluation for 150 marks
- The number of credits assigned is 12. Later the marks shall be converted into grades and grade points to include finally in the SGPA and CGPA.
- The weightings for Internal Evaluation shall be:
 - Activity Log 10 marks
 - Internship Evaluation 30 marks
 - Oral Presentation 10 marks
- The weightings for External Evaluation shall be:
 - Internship Evaluation 100 marks
 - Viva-Voce 50 marks
- The External Evaluation shall be conducted by an Evaluation Committee comprising of the Principal, Faculty Guide, Internal Expert and External Expert nominated by the affiliating University. The Evaluation Committee shall also consider the grading given by the Supervisor of the Intern Organization.
- Activity Log is the record of the day-to-day activities. The Activity Log is assessed on an individual basis, thus allowing for individual members within groups to be assessed this way. The assessment will take into consideration

the individual student's involvement in the assigned work.

- While evaluating the student's Activity Log, the following shall be considered -
 - a. The individual student's effort and commitment.
 - b. The originality and quality of the work produced by the individual student.
 - c. The student's integration and co-operation with the work assigned.
 - d. The completeness of the Activity Log.
- The Internship Evaluation shall include the following components and based on Weekly Reports and Outcomes Description
 - a. Description of the Work Environment.
 - b. Real Time Technical Skills acquired.
 - c. Managerial Skills acquired.
 - d. Improvement of Communication Skills.
 - e. Team Dynamics
 - f. Technological Developments recorded.

MARKS STATEMENT
(To be used by the Examiners)

INTERNAL ASSESSMENT STATEMENT

Name Of the Student: Pandeti Sai Srujana

Programme of Study: III BSC (MScs)

Year of Study: 2021 - 2024

Group: III BSC (MScs)

Register No/H.T. No: 216030054015

Name of the College: Government Degree College, Rajampet.

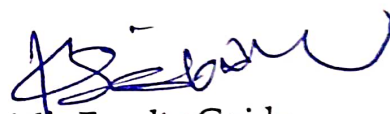
University: Yogi Vemana

Sl.No	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Activity Log	10	10
2.	Internship Evaluation	30	30
3.	Oral Presentation	10	10
	GRAND TOTAL	50	50

Date:

27/04/24

Signature of the Faculty Guide



EXTERNAL ASSESSMENT STATEMENT

Name Of the Student: Pandeti saisujana

Programme of Study: III BSC (MScs)

Year of Study: 2021-2024

Group: III BSC (MScs)

Register No/H.T. No: 216030054015

Name of the College: Government Degree College, Rajampet.

University: Yogi Vemana

Sl.No	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Internship Evaluation	80	
2.	For the grading giving by the Supervisor of the Intern Organization	20	
3.	Viva-Voce	50	
	TOTAL	150	
GRAND TOTAL (EXT. 50 M + INT. 100M)		200	

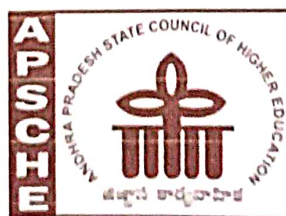
Signature of the Faculty Guide

Signature of the Internal Expert

Signature of the External Expert

Signature of the Principal with Seal

B. Purnachothan
PRINCIPAL
Govt. Degree College
RAJAMPET - 516 115.
Annamayya Dist.



ANDHRA PRADESH STATE COUNCIL OF HIGHER EDUCATION

(A Statutory Body of the Government of Andhra Pradesh)

2nd, 3rd, 4th and 5th floors, Neeladri Towers, Sri Ram Nagar, 6th Battalion Road

Atmakur (V) Mangalagiri (M), Guntur, Andhra Pradesh, Pin - 522 503

www.apsche.ap.gov.in

INTERNSHIP CERTIFICATE



SIVA SAI TECHNOLOGIES

(AN ISO 9001 : 2015 CERTIFIED INSTITUTION)

CERTIFICATE OF INTERNSHIP

This is to certify that

P.SAI SUJANA

S/O D/O



P.VENKATA SUBBA RAJU

Has Completed His/Her internship program on

PYTHON

Held From 18-01-2024 To 18-04-2024.



SEAL

A handwritten signature in black ink.

SIGNATURE