

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: K. Reshma

Name of the College: Government Degree college

Registration Number: 216030054006

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
B.Sc CMSGs

Under the Faculty Guideship of

Dr. M. Jaya chandra Babu Sir

(Name of the Faculty Guide)

Department of

Mathematics

(Name of the College)

Govt. Degree college, Rajampet

Submitted by:

K. Reshma

(Name of the Student)

Reg.No: 216030054006

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, K. Reshma a student of Junior software Developer Program, Reg. No. 216030054006 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 (Name of the intern organization) under the Faculty Guideship of Dr. M. Jayachandra Babu (Name of the Faculty Guide), Department of Mathematics, Government Degree college, Rajampet.
(Name of the College)

K. Reshma
(Signature and Date)

Official Certification

This is to certify that K. Reshma (Name of the student) Reg. No. 216030054006 has completed his/her Internship in PMKY(Siva Sai technology) (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 B.Sc.(MScs) in the Department of Govt. Degree college (Name of the College).

This is accepted for evaluation.

M. Payer

(Signatory with Date and Seal)

Lecturer in Maths

Government Degree College
Rajampet, Krishna (D.T.)

Endorsements

Faculty Guide M. Payer

Head of the Department M. Payer

Principal

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

CERTIFICATE FROM INTERN ORGANIZATION

This is certify that KANDUKURT RESHMA Reg.No. 216030054006 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** /
T SATISFACTORY



(Authorized signatory with date and seal)

(AN ISO 9001 : 2015 CERTIFIED INSTITUTION)



CERTIFICATE OF INTERNSHIP

This is to certify that

K.RESHMA

S/O D/O

K.MASTHAN



Has Completed His/Her internship program on

PYTHON

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



SEAL

[Signature]

SIGNATURE

Acknowledgements

I would like to express my deep sense of gratitude to our Respected principal Dr. purushotam which provide all facilities to us.

It is with immense pleasure that we would like to express our indebted gratitude to our internship coordinator M. Jagadchandra Babu who has guided us a lot and encouraged us in every step of the intern project works his valuable moral support and guidance through the intern project help 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 Sujatha madam Dept of Zoology for the support and suggestion during our project work. we would like to express our heartfelt gratitude to sudheer sir, sukumar sir and srikanth sir.

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

I would like to thank to the Y.U university for framing the guidelines and rules from time to time. I am also thankful to the commissioner of collegiate.

Finally, I learned Technical skills and communication skills.

Contents

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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.

Learning objectives and outcomes:

- * Basics of computer
- * Communication skills
- * Technical skills
- * Software Testing
- * Interview skills

Activities done during internship:

We have been learned about the Basics of computer & have gained for Typing, keywords and MS-office etc during these weeks, they though taught us all the basic concepts of skill & software development. At the end of every session they clarified our doubts.

During these weeks we are prepared for what is learning in Junior software developer course. Exams conducted by teaching faculties. There were wrote exam & successfully completed my internship sessions. After submission of project and exam, I got the "Junior software developer certificate" from PMKVY (Pradhan Mantri Kaushal Vikas Yojana). This internship and course helps us improved our skills and Boostup 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

Versions & Missions: The scheme has been designed on a software development certification with an 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. It offers cost free industry-related skills, Technical skills training to employment youth for colleges to make it for employment candidates can applied for jobs and earn a livelihood. This organization helps to students & youth to enhance their skills. The overall idea is to boost both industry and employability of youth. PMKVY will fulfill the dream of a skilled country. It is the first step toward making India the skill capital of the world.

Organizational structure: The organization intends to create opportunities & space for the development of talents in India youth.

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 9AM and end from 4PM every day of my Internship was weeks long. In which weeks were learning and teaching sessions and last week were software development written exams, seminars, Group Discussions, powerpoint presentations etc.

Equipment:

For this internship Man-held and computer device used.

Interview and employability Skills:

1. Communication Skills
2. Management Skills
3. Technical Skills.

Tasks performed:

This weeks were intense learning session- learned for skills and have learned Basics of computer, C and python programming languages, software Testing, we have performed Seminar, Group Discussions, exams etc.

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
18 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	
19 Day - 2	Basics of computer: Basic Shortcut keys, word, excel google windows, shortcut keys Interview Skills: Questions	I have learnt how to use shortcut keys in computer and what questions are asked in interview	
20 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	
21 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 of I like the education. I have met the teacher & listen the class. participate in self introduction Seminar and Introduction of overall syllabus. Must & 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 & generation 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 & 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 & types of models	I have learned about mouse & keyboard and also definition of software & testing models of software testing	
Day -4	Basics of computer: Explain number system & types of number systems. Software testing: Software development life cycle & steps.	I have learned number system & types of number system. And also learned SDLC models.	
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 & types	
Day -6	Basics of computer: Binary to decimal conversions Software testing: Functional testing steps.	I have learned how to convert binary to decimal & 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 then 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 & 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, software development life cycle & steps. I types. have learned also in software testing manual testing

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 conversion 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.	
Day - 2	Basic of computer: Octal to Binary & decimal conversions. software testing: SDLC Real-time process implementation	I have learned how to convert octal to Binary and decimal. And SDLC Real-time process implementation	
Day - 3	Basics of computer: Octal to Binary & Hexa decimal conversions software testing: Types of SDLC modules.	I have learned how types of SDLC modules and write the exam.	
Day - 4	Basics of computer: Octal to Hexa decimal conversions software testing: Explain the Agile module.	I have learned how to convert octal to hexa decimal. Explain about agile module.	
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. And STLC Real-time process implementation	
Day - 6	Basics of computer: Decimal to Hexa decimal. software testing: Test case design techniques.	I have learned how to convert decimal to Hexa decimal. and test case design techniques.	

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 there are Binary to Hexa Decimal, Octal to Binary, Octal to Decimal, Octal to Hexa decimal, Decimal to Binary, Decimal to Octal and Decimal to Hexa decimal. 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 short keys, 30 full-forms, Block diagram of computer are given.

In software testing I have learned Roles & Responsibilities of Testers, why testing is required, SDLC real time process Implementation, Types of SDLC models and also STLC real time process Implementation, Test case Design Techniques. Testing is very creative and Interesting subject. The software Testing is easily understand in short time only.

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 explain 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 & explain Bug-life cycle.	
Day - 3	Basics of computer; Typing Skills Software testing; Types of testing	I have learned typing in Notepad and explain types of testing.	
Day - 4	Basics of computer; Create resume in MS-Office Software testing: QA & QC, when to stop testing	I have learned how to create resume in MS-word, Explain QA & QC, stop testing	
Day - 5	MS-Office: Explain how to create pamphlet Software testing: Real time Project - Adactin hotel	I have learned how to create pamphlet Explain how to do real-time project	
Day - 6	MS-Office: create pamphlet in MS-word Software testing: write the test scenarios of Adactin	I have learned how to create pamphlet in MS-word. write the test scenarios of Adactin hotel	

WEEKLY REPORT

WEEK - 4 (From Dt. 06/2/24 to Dt. 12/2/24.)

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 Hexa Decimal to Binary, Hexa decimal to octal, Hexa Decimal to Decimal. This week is the end of the Number System conversions.

In this week I am learned typing skills in Notepad. I am very enjoyed to practiced 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. 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 Adactin hotel	I have learned how to create Id-card and how to write test cases in Adactin hotel	
Day - 2	MS-office: create Id-card in MS-word and explain how to create bill. Software testing: write the exam in manual testing	I have learned how to create Id-card in MS-word and write the exam in manual testing.	
Day - 3	MS-office: Create Bill in MS-word in lab. Software testing: Introduction of Automation testing	I have learned how to create Bill in lab and introduction of Automation testing.	
Day - 4	MS-office: Explain how to create newspaper in MS-word. Software testing: tools of Automation testing	I have learned how to create news paper in MS-word and tools in Automation testing.	
Day - 5	C language: Introduction of c language. Software testing: power point presentation in testing	I have learned to introduction of c language & create powerpoint presentation	
Day - 6	C language: History of c language. Software Testing: Power Point Presentation Seminar	I have learned History of c language and listen power point presentation seminar	

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 M's word. The creation of Id card, Bill & Newspaper I have improve the knowledge about M's word. Knows all the in-formation of M's word. Types of tools and how to use tools in M's word such as paragraph alignment, page size, Margins, Insert shapes & pictures, Word Art, Header & footer, Text size & colour.

In software testing I have write test cases in Adaction hotel page. In this week I have write the exam in Manual Testing for 50 marks.

After the manual Testing start the Automachine testing defines the introduction & tools. In this week I ~~have~~ participated in powerpoint presentation seminar 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'

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 in module	I have learned application, Versions of C and listen power presentation in module.	
Day -2	C language: Basic Structure of C program Software testing: power point presentation Robo, module	I have learned Basic Structure of C and listen power point presentation Seminar.	
Day -3	C language: Token inc such as keywords, identifiers Software testing: powerpoint presentation AI technology testing.	I have learned keyword, identifiers in C tokens, Listen powerpoint presentation Seminar.	
Day -4	C language: constants, strings, special symbols & characters Software testing: Object identifiers & element locators	I have learned constants, strings, special symbols & element locators.	
Day -5	C language: Arithmetic & Relational operators. Software testing: Explain X path attributes & Syntax	I have learned Arithmetic & Relational operators & X-path attributes & Syntax	
Day -6	C language: Logical & Bitwise operators. Software testing: show the example to using inspect option	I have learned logical & Bitwise operators and explain the example to using inspect.	

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 week I am learned about application & versions of C language, Tokens in 'C' language such as keywords, Identifiers, constants, strings, special symbols and operators. There are different types of operators such as Arithmetic Operators, this operators are perform additions, subtraction, Multiplication, division Operations. Relational Operators are perform relation between two Operands. Logical Operators are perform Logical AND, Logical OR, Logical NOT operations. Bitwise Operators are perform Bitwise AND, Bitwise OR, Bitwise ^{exclusive OR} Operators.

In software testing I am learned and listen different seminars on different topics such as modules of Testing, Voting behaviour, Robo technology etc. I have learn object Identifiers or element locators & X-path attributes & Syntax. My teacher explain the object Identifiers in google, facebook using Inspect Option. Using the Inspect Option 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. S.T: Covid-19, education Strait UP (G.D)	I have learned -Assign operator & listen covid-19 education Statist	+
Day -2	C-language: Variable, naming, definition, declaration. S.T: G.D on IIT working	I have Learned Variable naming definition, declara- tion, initialization G.D	+
Day -3	C-language: data-types in C-language. S.T: G.D on IIT working at google schooling	I have learned data types in C Language G.D on IIT working at google	+
Day -4	C-language: Basic & derived data types. S.T: G.D on economy of Hyderabad	I have learned basic & derived datatypes. G.D on economy of Hyderabad	+
Day -5	C-language: User-defined data types. S.T: G.D on poverty facts, cause effects	I have learned user defined data types, G.D on poverty facts, cause effects.	+
Day -6	C-language: Example C-Language. S.T: G.D on marks mission India ready for cashless economy.	I have learned Explain sample. C-program G.D on marks mission ready economy.	+

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

This is seventh week of internship program. In this I have learned Assignment Operators, Variable Naming, Declaration & Initialization. And also learned Datatypes in C language, such as Basic, derived user-defined datatypes in C 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 income-tax, IIT working at google. Schooling online & bullet train introducing India, encounter of hyderabad rapist & Ban of Additional homework, poverty facts, causes, effects. Mars mission, India has ready-for cashless economy. These topics are covered in Group discussions and help to me gain the knowledge & information in General Studies. These Group Discussions 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. software testing: Java, class, Method, object	I have learned Decision making statement and Java, class, method, object etc	
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. And Eclipse.	
Day - 3	C language: Looping statements, while loop software testing: data types and variables	I have learned looping statements, while loop, data types & variables.	
Day - 4	C language: DO-while loop, for loop. Software Testing: loops conditional statements.	I have learned DO-while loop, for-loop, core Java conditional statement	
Day - 5	C language: Strings in C language. Software Testing: loops	I have learned strings in C language. core Java loops statements.	
Day - 6	C language: Array in C language. software Testing: keywords, OOPS Concept	I have learned Arrays in C language. keywords, OOPS concept in core Java	

WEEKLY REPORT

WEEK - 8 (From Dt. 2/03/24 to Dt. 7/03/24)

Objective of the Activity Done:

Detailed Report: This is the eighth week of internship program. In this I have learned about decision making statements such as If, If-else, If-else-If, nested if, switch statements. 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. The conditional statements, looping statement 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 if, if-else, looping statements such as while loop, do-while loop, for loop, for-each loop, keywords, ops concepts such as -Abstraction, Encapsulation, polymorphism, Ops means Object oriented programming language.

ACTIVITY LOG FOR THE NINTH 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 install JDK	
Day -2	Java: Polymorphism in core Java Software testing: Explain how to download eclipse.	I learned polymorphism in core Java. Explain how to download Eclipse	
Day -3	Java: Exception handling. Software testing: Selenium, Did selenium Q & A	I learn write exception handling. Explain selenium Q & A	
Day -4	Java: Perform the cs program in computer. Software testing: Install JDK in lab & install eclipse.	I learn write cs program in the computer install JDK in lab & install eclipse.	
Day -5	Java: perform the else if ladder & nested if program in the computer Software testing: write a program.	I learned how to write else if ladder & nested if program in the computer write a sample	
Day -6	Basic of computer: Number System exam. Software testing: write a cs program in computer	I have write number system exam. write a conditional statement in the computer.	

WEEKLY REPORT
WEEK - 9 (From Dt. 2/03/24... 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 the Inheritance core Java. Polymorphism, Exception Handling topics in core Java. In C language I am learn how to 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 competitive exams and software jobs also give the conversions in interview (or) hiring process exam.

Next I have learn how to install JDK and how to install eclipse. After the instalization I have create project, give the project, give the project name next create package and class. Then write the program in eclipse IDE. In software Testing include core Java so per-form and write conditional statements in eclipse IDE. These are all 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 a C-program to giving rating. software testing; write a looping statement	I have learned how to write C-program to give rating & how to write looping statements	+
Day -2	C-language: Write a looping statement programs software Testing: Constructors types.	I have learned how to write looping statements program in the computer	+
Day -3	C-language: Write a program one dimensional array. S.T: webdrivers in selenium	I have learned how to write a one dimensional array program how to install selenium	+
Day -4	C-language: write a program in strings. S.T: Explain selenium webdrivers.	I have learned how to write strings program-Explain selenium webdrivers.	+
Day -5	Python: write a multidimensional array. S.T: Explain how to added Jar-files.	I have learned how to write a multidimensional array program.	+
Day -6	Python: Explain python Syllabus S.T: Explain program for firefox driver.	I have learned python program syllabus & explain for firefox driver.	+

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 report 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 the looping statements in C language. write a program in String. write a program in one dimension array and multi dimensional array in C language.

Next I am learned in software testing about how to write a program in core Java looping statements, constructors & constructor types, explain webdrivers such as -firefox driver, chrome driver. Explain how to added Jar-files 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 fire fox driver. And how to create coding, which methods are used in login-logout Program

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 pop-up program	I have learned Introduction to python. And Explain Alert - pop-up program	
Day -2	Python: why use python applications of python software testing: write alert - popup program	I have learned why use python application of python. write Alert popup program	
Day -3	Python: features of Python. Software Testing: Explain Keyboard action program	I have learned features of python Explain keywords Action program	
Day -4	Python: Comment statement in python. Software Testing: Write key board action program.	I have learned comment statement in python. And write key board Action program	
Day -5	C-language: Exam in C language. Software Testing: Revision of software Testing	I have learned & write C program Exam & listen carefully manual & Automation Testing.	
Day -6	Python: keywords of Python. Software testing: Exam in software Testing	I have learned keyword of python and write exam in manual & Automation 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 am learn about the Introduction of python, why use python, Applications of python, Features of Python, comment statements in python, keywords of Python. Because of this classes I learn Basics of Python very easily. Python is simple & 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-pop program. In this program using orange HRM application. I can write alert pop program in the computer and execute the program. And explain keyword action program and run the programs in computer. My teacher explains the Overall manual & Automachine Testing syllabus are revisioned. This will help us to report the syllabus.

In the last day of the week I write the exam in manual & Automachine testing.

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 such as None, Numeric. Group Discussion: Impact of social networking sites	I have learned data-types none, numeric and write impact of social networking sites.	
Day -2	Python: String, list, Tuple datatypes in python. G.D: Tobacco must be banned india, ready for electric	I have learned String, list, tuple data-types Tobacco banned & india ready-for electric	
Day -3	Python: Tuple, sets, mapping Range datatypes in python. G.D: walmart & Flipkart deal impact on indian economy	I have learned Tuple, sets, mapping, range datatypes in python.	
Day -4	Python: Operator in python Assignment, Relational. G.D: Role of engineers in disaster management, which is more important.	I have learned Operators Assignment & Relational G.D on role of engineers.	
Day -5	Python: logical unary operators in python. G.D: India have a one child policy	I have learned logical unary operators in python G.D on india have one child Policy.	
Day -6	Python: Arithmetic, Bitwise, Special operators in python Group discussion: Gold monetization on scheme, Regional	I have learned arithmetic, Bitwise Special Operators in python.	

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

This is twelfth week of the Internship program. In this I have learned more topics of each subject. There are data types in python such as none, numeric, string, list, tuple, sets, Mapping (or) Dictionary, Range data types. These data types help me to how to 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 Symbols Operators.

Next I have learned and participated in the part of Group Discussion. The topics of group discussion are very interesting & importance. In this Group discussion I can search information for given topics and write information about these topics in the notes. After that I prepare these topics of Group Discussion. Grouping 6 or 7 members they share their opinions to the particular topic. This Group discussion help me to enhance my confidence.

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 & check box program	I have learned giving the direction Explain dropdown & check box program	
Day -2	Additional chapter: learned self & work. Software Testing: Write a dropdown & check box program	I have learned self & work management, write dropdown & check box program.	
Day -3	Additional chapter: Team work and communication Software Testing: Explain file upload program	I have learned team work and communication. Explain file upload program.	
Day -4	Additional chapter: Hazards at work place. Python: conditional statements in programs	I have learned Hazards at work place. conditional statements program.	
Day -5	Additional chapter: dealing with emergencies in work Python: if-else-if conditional statements	I have learned dealing with emergencies in work place. if-else-if conditional statements	
Day -6	Additional chapter: data and information management Python: looping statements in python.	I have learned data & information management. looping statements in python.	

WEEKLY REPORT
WEEK - 13 (From Dt. 01/09/24 to Dt. 06/09/24)

Objective of the Activity Done:

Detailed Report: This is the thirteenth week of the internship program. In this week I am learned how to give the directions. This topics is very helpful to real life situations. And also I learned additional chapters like self & work management Teamwork and communication, hazards at work place, Dealing with emergencies, Data & information management because of these chapters. I am learned how should I be in workplace after getting the job my behaviour with challenges how to be communicate my work efficiency, time management.

Next I learned in software testing Explain popdown & checkbox program & write program, explain file upload program in Orange HRM, In python programming language I am learned conditional statements & it's programs. And Looping statements are learned in python & it's programs. In these statement 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 language: write programs on conditional statements	I have learned how to Develop knowledge, skills, competition how to write conditional statement	
Day - 2	Additional chapter: personal strength & value system digital literacy. Python language: write program looping statements	I have learned enhance personal strength and value system digital literacy. how to write	
Day - 3	Python language: Write a program if-else-if-else in the computer. Software testing: write file upload program in computer	I have learned how to write if-else-if-else program in the computer. write file upload program.	
Day - 4	Python language: write strings in python & explain strings. Additional chapter: listen all additional chapters.	I have learned strings in python and also prepare all additional chapters	
Day - 5	Python: Explain function in python. Software Testing: Explain Automation framework	I have learned function in python. In testing learned Automation framework	
Day - 6	Python: write exam in python. Software Testing: Explain Testing, Annotations	I have write exam in python. In software Testing I have learned Testing, Annotations	

WEEKLY REPORT
WEEK - 14 (From Dt..7/09/24 to Dt..12/09/24)

Objective of the Activity Done:

Detailed Report:

This is fourteenth week of the internship program. In this week I have learned Topics are Develop your knowledge, skills and competition personal strength & value system, Digital literacy in group discussions. Because of these group discussions I have learned develop knowledge, skill such as communication, time management, leadership, competitive etc.

In python language write program about conditional statement 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 automachine framework. framework is a creation of a folder structure with standard rules. Next I learned Test NG. NG means Next Generation. Test NG is a Testing framework that overcomes the limitations of another popular testing framework.

These classes help to me to expand the knowledge of Automation.

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 strength and value system	I have learn build personal strengths and also good communication	
Day -2	Employability skills : Develop knowledge about competitions.	I have learn some employability skills. Ex: Group discussion Seminars	
Day -3	Intern personal skills: Time management/ work management, communication.	I have build my . Time, work management and good communication with others	
Day -4	Interview skills : Conducting interviews	I have build/ learn how to face to interviews in different roles.	
Day -5	Collaboration skills : Group discussions, Group seminars.	I have learn working well with others	
Day -6	Technical skills : program languages	I have learn basics of python, C, MS Office	

WEEKLY REPORT

WEEK - 15 (From Dt. 13/4/24..... to Dt. 18/04/24..)

Objective of the Activity Done:

Detailed Report:

This is the fifteenth week of internship programs. I have learn internship skill personal strengths and values.

I have learn employability skills, intern personal skills, interview skills, collaboration skills and also technical skills.

Entire internship programme I learn 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 learn following
 - * Introduction of software developer 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 (oop) understanding the project principal of oop classes, objects and inheritance, polymorphism etc.
- * Introduction to web technologies c, 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 there are:-

Data management & Analysis:

I have acquired the technical skills in job related skills many companies have needed help managing and storing data securely.

Communication skills in professionally:

I have learned communication skills. This is help me ability to communicate effectively by conveying information & translating ideas among your self & workers.

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 is an excellent language to learn to program for beginners.

Python programming language:

In this internship I have also required python programming language. Python is a popular programming language. More or less very recognized company in the world leverages python.

Software Testing:

I have acquired software testing in this internship program. Software testing plays a crucial role in ensuring that the software meets the desired standards of quality & 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.

Managerial skills are important to lead a team & drive the organization in the right direction. And to be a good manager it is important to have skills like planning & creating an effective strategy good communication skills, decision making management is a complex process & requires an excellent manager with adequate management skills for balancing all the different components.

Problem-solving & Decision making skills:

The problem-solving process involves identifying & issue, isolating the cause, evaluating solutions or alternatives implementing these fixes & later following. The Decision-making process identifies one or multiple possible courses of action and as well as regular everyday life.

Planning: Planning & prioritizing skills have everything to do with productivity efficiency, impact & organization your ability to plan requires time management skills & being problem-solving, decision making & analytical thinking.

Teamwork: A manager is both a team lead & a team member. It's important to know & appreciate what it takes to get the job done & keep the team & encourage collaboration within their team & across others in the department or company.

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. 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 inspect the intended meaning. effective communication requires active listening. Empathy & adapting to different communication styles.

Active listening: This is one of the most important aspect of good communication.

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

Observing others & learning from them: Watch good Speakers in your organization & learn from how they talk.

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 & solved by the classmates my problems to support & constate my studies to acheive my contribution on my classroom.

I specially thanks to understand my problem and solve the problem. My classmates understand to english. To enhance my abilities in Group discussion, participation in teams, Contribution as a teams or activity on Internship program here are a few strategies.

-Active listening: Activity listen at others during group discussion or team meetings.

effective communication: Improve your communication

skills pay attention to your tone, body language. and choice of words to ensure your message is conveyed accurately & respectfully.

preparation: Before group discussion or team activities take the time to prepare by researching the topic to hand.

Collaboration: Foster a collaboration environment by actively seeking input from team members and Valuing their collaboration.

Leadership skills: If you aspire to be a leader focus on developing your leadership skills.

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

Content of learning environment:

Technological developments have necessitated a focus on different categories of learning objectives in training programs.

~~Content of learning env~~

Methods and Didactics: One study suggest that experience based learning can foster adaptability in the face of technological advancement. This implies that training programs should incorporate methods that provide practical experience to learners

Guidance of trainers and Teachers: While no specific suggestions are provided in the search results, it is imp to consider the role of trainers and teachers in guiding learners through technological advancements.

Impact on work & self-management: Technological developments have also influenced the way individuals manage their work & themselves

Role of Technology in education: Technologies 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: Kandukuri Reshma

Registration No: 216030054006

Term of Internship:

From: 18/01/2024

To: 18/04/2024

Date of Evaluation:

Organization Name & Address: Govt. 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

Date: 23-04-2024

K. Reshma
Signature of the Student

Evaluation by the Supervisor of the Intern Organization

Student Name: Kandukuri Reshma

Registration No: 216030054006

Term of Internship: From: 18/01/2024 To: 18/04/2024

Date of Evaluation:

Organization Name & Address: Government polytechnic college, RJP.

Name & Address of the Supervisor K. Sudheer
with Mobile Number 960377097

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

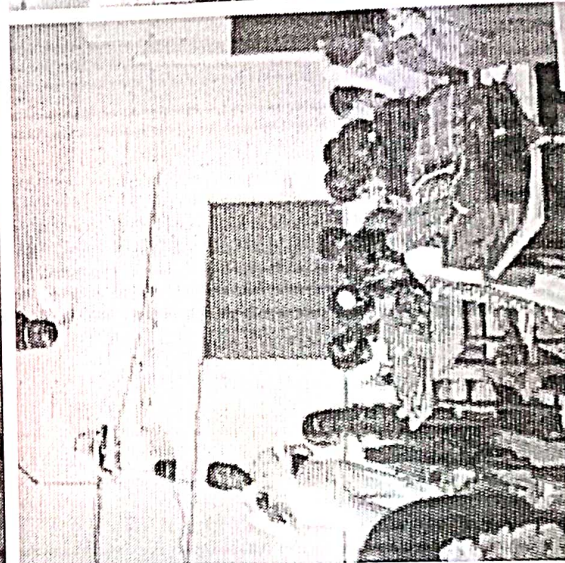
Please note that your evaluation shall be done independent of the Student's self-evaluation

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

Date: 23-04-2024


Signature of the Supervisor



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: K. Reshma
Programme of Study: III B-sc (MScs)
Year of Study: 2021-2024
Group: III BSC (MScs)
Register No/H.T. No: 216030054006
Name of the College: Govt. Degree college
University: Yogi Vemana University

SLNo	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: 22-04-24


Signature of the Faculty Guide

EXTERNAL ASSESSMENT STATEMENT

Name Of the Student: K. Reshma
Programme of Study: III B.Sc (MScs)
Year of Study: 2021-2024
Group: III B.Sc (MScs)
Register No/H.T. No: 216030054006
Name of the College: Government Degree college
University: Yogi Vemana University

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	

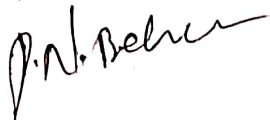
Signature of the Faculty Guide



Signature of the Internal Expert

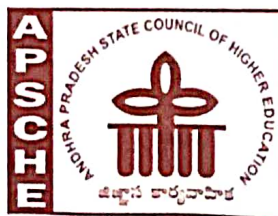


Signature of the External Expert



Signature of the Principal with Seal

B. Purushotham
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)

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INTERNSHIP CERTIFICATE



SIVA SAI TECHNOLOGIES

(AN ISO 9001 : 2015 CERTIFIED INSTITUTION)

CERTIFICATE OF INTERNSHIP

This is to certify that

K.RESHMA

S/O D/O



K.MASTHAN

Has Completed His/Her internship program on

PYTHON

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



SEAL

A handwritten signature in black ink, appearing to be 'P. S. S. S.'.

SIGNATURE