

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: M. Thiruvani

Name of the College: Government Degree College, Rajampet

Registration Number: 216030054009

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

Name & Address of the Intern Organization: Junior Software Developer

Yogi Vemana University

YEAR

2023 - 2024

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 ~~Sir~~ Babu

(Name of the Faculty Guide)

Department of

Mathematics

(Name of the College)

Govt. Degree College, Rajampet
Submitted by:

(Name of the Student)

Reg.No: 216030054009

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, M. Thriveni a student of Junior Software Developer Program, Reg. No. 216030054009 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 K. Sekhar Babu (Name of the Faculty Guide), Department of Mathematics, Government Degree College, Rajampet (Name of the College)

M. Thriveni
(Signature and Date)

Official Certification

This is to certify that M. Thiriveni (Name of the student) Reg. No. 216030054009 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

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

CERTIFICATE FROM INTERN ORGANIZATION

This is certify that Mannem Thiruvani Reg.No. 236030054009 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)

Acknowledgements

* Creating a program book for Junior Software developer under the प्रधान मंत्री कौशल विकास योजना (PMKVY) is a greater initiative to facilitate skill development in the software development.

Title :-

Junior Software Developer training program under PMKVY

Introduction :-

- * Importance of Skill development in the field of software development.
- * 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 statements Structures, loops and Conditional Statements.
- * object oriented programming (oop), understanding the principles of loop classes, objects and inheritance.

It is immense pleasure that I would like to express to our internship Coordinator "K. Sekhar babu".

We wish to thank Sujatha madam dept. of zoology for her Support and Suggestion during our project work. we would like to express our heartfelt gratitude to Sudheer, sir, Sukumar sir and Sreekanth sir and Suman sir.

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

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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 in basics of Computers & have gained for typing, Keywords and ms office Etc during these weeks. They though taught us all the basic Concepts of Skill and Software development. At the End of every session they Classified out 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 and successful Completed my internship Sessions. 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

Vissions and Missions :- The scheme has been designed on a Software development Certification with an aim to enable and nabilize large number of indian youth to take up Skill training and become employable for Sustainable livehood. Earn a live hood This organization helps to students & youth enhance their skills. It is the first step toward making India the Skill Capital of the world.

Organizational Structure :- The organization intends to Create opportunities and space for the development of talents in india youth. All Skill training would include Soft Skill training personal grooming behaviour change for cleanliness.

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 A.M at 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, G.D, P.P.T Etc.

Equipment :-

for this internship man-hand and Computer device and used.

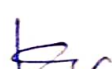
Interview and Employability Skills :-

- (1) Communication Skills
- (2) Management Skills
- (3) Technical Skills

Tasks performed :-

This weeks learning for skills and have learned basics of Computer, C and Python programming languages, Software testing. We have performed Seminar, G.D, Exams Etc.

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	Basic of Computer :- Self introduction Seminar Interview Skills :- overview of the Syllabus	I have learned how to introduce my self in front of people Analyze the Syllabus.	
Day -2	Basic of Computer :- Basic short Cut keys, word, Excel, google, windows short Cut keys Interview Skills :- Questions	I have learned how to use short Cut keys in Computer and what que are asked in interview	
Day -3	Basic of Computer :- full forms of Computer Interview Skills :- Write the answer of Interview Questions.	I have learned how to use full forms in Computer and write the ans of interview Questions.	
Day -4	Basic of Computer :- Functions, advantages & disadvantages of Computer. Interview Skills :- format of Computer	I have learned functionalities, advantages & disadvantages of Computer and format	
Day -5	Basic of Computer :- Applications, Types, input, output devices of Computer. Interview Skill :- Sample resume Creation.	I have learned Computer applications, types, inputs & output devices and also learned how to Create resume.	
Day -6	Basic 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 D122/21/22 to D122/21/22...)

Objective of the Activity Done:

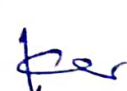
Detailed Report: From the first day when I joined in the classroom, I am very excited because of a live education. I have met the teacher and listen the class participate in self introduction seminar and Introduction of overall syllabus must and should to be attend the class.

I have learned also basics of Computer. I learn Short Cut keys, fun -time, 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 imp 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	Basic of Computer: Block diagram of Computer, RAM & Rom. Software testing :- Essay of newspaper	I have learned block diagram of Computer and types of RAM & Rom. Write essay of newspaper.	
Day - 2	Basic of Computer :- Parts of Computer Software testing :- Introduction	I have learned parts of Computer. and introduction of software testing.	
Day - 3	Basic 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 models of S.T	
Day - 4	Basic of Computer: Explain number system and types of N.S Software testing: software development life cycle & steps	I have learned number system and types of number system. And also learned SDLC model & steps.	
Day - 5	basic of Computer: Binary to octal Conversions Software testing :- STLC model, manual testing, types	I have learned binary to octal Conversions and STLC model, manual testing, types	
Day - 6	Basic 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 DL23/01/2023 to DL27/01/2023)

Objective of the Activity Done:

Detailed Report:

This is the 2nd 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, parts, 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 essay of newspaper. The newspaper is very important to gain knowledge in particular fields. The 2nd 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 life.

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 Software Testing:- Roles & Responsibilities of Testers	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 Software Testing:- SDLC Real time process implement	I have learned how to Convert octal to binary & decimal & SDLC Real time process	fer
Day -3	Basics of Computer:- Exam of keywords, full forms Software Testing:- Types of SDLC modules water fall, v	I have learned board write the exam and learn types of modules water fall & v module.	fer
Day -4	Basics of Computer:- octal to binary hexa decimal 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 Software Testing:- Explain STLC real time process	I have learned how Convert decimal to binary & octal. Explain STLC real time process.	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 hexa decimal & Explain Test Case.	fer

WEEKLY REPORT

WEEK - 3 (From Dt. 30/01/2023 to Dt. 05/02/2023)

Objective of the Activity Done:

Detailed Report:

This is the 3rd 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 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 to shortcut 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 modules there are u types of modules water fall, v module, Agile module and also SDLC real time process Implementation test Case design Techniques. Testing is very Creative and Interesting Subject. The Software testing easy 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:- learned to the number System Software Testing:- Severity and priority.	I have learned how to Convert Hexadecimal to binary & octal and Explain severity and Priority.	
Day -2	Basics of Computer:- how to Convert hexadecimal to decimal Software Testing:- Explain bug life cycle.	I have learned how to Convert hexadecimal to decimal and Explain Bug life cycle.	
Day -3	Basics of Computer:- Typing in notepad. Software Testing:- Explain types of Testing.	I have learned typing in notepad and Explain types of Testing.	
Day -4	M.S office:- Create resume in MS word. Software Testing:- Explain QA & QC, Stop testing.	I have learned how to Create resume in MS-word. Explain QA & QC, stop testing.	
Day -5	MS office:- How to Create pamphlet. Software Testing:- Explain how to do real-time project.	I have learned how to Create pamphlet. Explain how to do real time project.	
Day -6	M.S-office:- how to Create pamphlet in M.S word. Software Testing:- Write the test Scenarios of adaction Hotel.	I have learned how to Create pamphlet in MS-word. write the test Scenarios of adaction Hotel.	

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 Hexa decimal to Binary, Hexa decimal to octal, Hexa decimal to decimal. This is the last Conversions. This week is the week end of the number Systems Conversions.

In this week I having learned typing Skill in note pad. I am very Enjoyed to practiced typing in note pad. 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 & Quality Control, when to stop testing. In this week I have done the real time project in Adaction hotel page. In this page I have login and testing the particular Elements and write the test Scenarios of the Adaction 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. S.T :- Write the test Cases in Addaction Hotel	I have learned how to Create Id. how to write test Case in Addaction	
Day -2	M-S Office :- Create id Card in ms word S.T :- Write the Exam manual -testing	I have learned how to Create id Card in ms word. The Exam'n manual testing	
Day -3	M.S office :- Create Bill in MS word in the lab S.T :- Introduction to Automation testing	I have learned how to Create Bill in lab and introduction to Automation testing	
Day -4	M.S office :- Explain how to Create news paper in ms word S.T :- Tools of Automation -testing	Explain how to Create news paper in ms-word And Explain tools of A.T	
Day -5	C-language :- Introduction of C-language Software Testing :- PPT in Testing	I have learned to introduction of c language.	
Day -6	C-language :- History of C-language Software testing :- PPT Seminar	I have learned history of C-language 9c and listen ppt Seminar.	

WEEKLY REPORT

WEEK - 5 (From Dt. 12/02/24.. to Dt. 18/02/24..)

Objective of the Activity Done:

Detailed Report:

This is the 5th 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 and newspaper I have improve the knowledge about m.s word. knows all the information of m.s 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 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 Automation testing defines the Introduction & tools. In this week I have participated in power point 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 C such as mission 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 :- Appication of c.language Software testing :- P.P.T in modules	I have learned app & versions of c and listen the power point presentation Seminar.	
Day -2	C-language :- Basic Structure of c-program Software testing :- P.P.T Robo , mobiles	I have learned /basic Structure of c and listen power point presentation Seminar	
Day -3	C-language :- Tokens in c such as keywords, Identifiers Software testing: power point presentation AI technology voting.	I have learned key- words, identifiers in c tokens. listen power point presentation Seminar.	
Day -4	C-language :- Constants, String & Special Symbol or characters S.T :- object Identifier or element locators.	I have learned Constants Strings, Special Symbol and Explain element locators.	
Day -5	C-language :- Arithmetic & Relational operator Software testing :- Explain x-path attributes & Syntax	I have learned arith- metic & Relational operators and Explain x-path attributes & Syntax	
Day -6	C-language :- logical & Bitwise operators Software testing :- show the ex to using inspect opition.	I have learned logical & bitwise operators. and Explain the Ex to using Inspect.	

WEEKLY REPORT

WEEK - 6 (From Dt. 19/02/24... to Dt. 25/02/24)

Objective of the Activity Done:

Detailed Report:

This is the 6th 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, these operators perform addition, subtraction, multiplication, division operations. Relational operators perform relation between two operands. Logical operators perform logical AND, logical OR, logical NOT operations. Bitwise Exclusive OR.

In Software testing I have 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 and 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 startups Group discussion.	I have learned assign operators and listen Covid-19 education startups G.D	Ks
Day - 2	C-language: variable, naming, definition, declaration, initialization. S.T :- Go on it working 1% indians pay income tax	I have learned variable naming, definition, declaration, initialization Go on 1% Indians.	Ks
Day - 3	C language :- data types in c-language Software testing :- Go on it working at google Schooling.	I have learned data types in c-language. Go on it working at google Schooling online	Ks
Day - 4	C-language :- Basic & derived data types Software testing :- Go on economy of hyderabad rapist & ban of additional H.W	I have learned basic & derived data types. Go on encounter of hyderabad rapist	Ks
Day - 5	C-language :- user defined data types Software testing :- Go on poverty facts, causes, effects.	I have learned user defined data types. Go on poverty facts, causes effects.	Ks
Day - 6	C-language :- Example c-program Software Testing: Go on mars mission, India ready for cash less economy.	I have learned Explain Sample c-program Go on mars mission India ready for cash less economy	Ks

WEEKLY REPORT

WEEK - 7 (From Dt. 25/12/21 to Dt. 31/12/21)

Objective of the Activity Done:

Detailed Report:

This is 7th week of the internship program. In this I have learned - Assignment operators variable naming, definition, declaration & Initialization. And also learned data types in C-language. Such as basic, derived, user-defined data types in C-language. Explain the sample 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 Structure, Go on 17% people pays Income tax, IT working at google schooling online & bullet train introducing India, Encounter of hyderabad rapist & Ban of additional homework, poverty facts Causes, effects, more mission, India has ready for Cash less Economy. These topics are Covered in Group discussion and help to me gain the knowledge and information in General Studies. The topics of Group discussions are very interesting & important to the today's world.

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, Class, method, object.	I have learned decision making Statement And Java, class, method, object	
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.	
Day - 3	C-language :- looping statements, while loop. Software Testing :- data type and variables	I have learned looping statements, while loop data types & variable in Core Java	
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.	
Day - 5	C-language :- String in C-language Software Testing :- loops	I have learned Strings in C-language. Core Java loops Statements.	
Day - 6	C-language :- Arrays 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. 21/3/22... to Dt. 27/03/22)

Objective of the Activity Done:

Detailed Report:

This is the 8th week of internship program. In this I have learned decision making statements such as if, else, else-if, ladder, nested if, loop, do-while loop, for loop, strings, C-language, Arrays in C-language. These classes are about Conditional & looping statements. The Conditional & looping statements. The Conditional statements, 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 are the basic of Core Java. In Core Java have variables, data types, Conditional statements such as if, if-else, looping statement such as while loop, do-while loop, for loop, for each loop, keywords, OOPS concepts such as abstraction, Encapsulation, polymorphism. OOPS 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 to install JDK	
Day - 2	JAVA :- Polymorphism in Core Java Software testing :- Explain how to download eclipse	I have learned polymorphism in Core Java. Explain how to download Eclipse.	
Day - 3	JAVA :- Exception handling Software testing :- Selenium, D/b Selenium & QTP	I have learned Exception handling. Explain Selenium D/b Selenium & QTP	
Day - 4	C-language :- perform the C.S program in Computer. Software testing :- Install JDK in lab & Install Eclipse	I have learned write C.S program in the Computer install JDK in lab & install Eclipse.	
Day - 5	C-language :- perform the else if ladder & nested if program in the Computer. Software testing :- Write a program	I have learned write else if ladder & nested if programs in the Computer write a sample program	
Day - 6	Basic of Computer :- Number System Exam Software Testing :- Write a C.S program in the Computer.	I have write number system Exam. write a Conditional statement program in the Computer.	

WEEKLY REPORT
WEEK - 9 (From DL.08/03/2020 to DL.13/03/2020)

Objective of the Activity Done:

Detailed Report:

This is the 9th week of the Internship Program. In this week I have learn Inheritance in Core Java, Polymorphism Exception Handling topics in Core Java. In C language I have learn write the programme in Conditional Statements such as 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.

Next I have learn how to install IDE and how to install Eclipse. After the installation, I have Create Project give the project name, next Create package and class. Then write the program in Eclipse IDE. In Software Testing include Core Java So perform and write Conditional Statements program in Eclipse IDE. 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 a c-program to giving rating Software Testing :- Write a looping statements	I have learned how to write C-program to give rating and how to write looping Statement.	
Day - 2	C-language :- write a loop ing statements program Software Testing :- Constructors + types	I have learned how to write looping statements program in the Computer.	
Day - 3	C language :- write a Program one dimesional array S.T :- web drivers 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} C-language :- write a multi dimensional array S.T :- Explain how to added Jar-files	I have learned how to write a multi dimensional array program.	
Day - 6	Python :- Explain python Syllabus. S.T :- Explain program for firefox driver.	I have learned python program Syllabus & Explain program for firefox Driver.	

WEEKLY REPORT

WEEK - 10 (From DL19/03/24.. to DL19/03/24.)

Objective of the Activity Done:

Detailed Report: This is the 10th 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 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 program in Core Java looping statements, Constructor & Constructor types, Explain web drivers in Selenium how to download Selenium webdrivers such as Firefox driver, Chrome driver. Explain how to add jar file 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. These classes I have learned many new topics Coding and how to write 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 Alert - popup program.	I have learned Intro duction to python. And Explain Alert - popup program.	
Day - 2	python :- why use python, applications of python. Software Testing :- Write Alert - Popup program.	I have learned why use python applications of python. write Alert Popup program.	
Day - 3	python :- features of python. Software Testing :- Explain Keyboard action program.	I have learned featur es of python. Explain Keyboard - Action program.	
Day - 4	python :- Comment Statement in python. Software Testing :- Write keyboard action program.	I have learned Comment Statement in python. And write keyboard Action program.	
Day - 5	c - language :- Exam in c language Software Testing :- Revision of Software Testing	I have learned & write c program Exam and listen carefully overall manual & Auto mation Testing.	
Day - 6	python :- Keywords of python Software Testing :- Exam in Software Testing	I have learned keywor d of python. And write Exam in manual & Automation Testing.	

WEEKLY REPORT

WEEK - 11 (From Dt.20/03/2021 to Dt.25/03/2021)

Objective of the Activity Done:

Detailed Report:

This is the 11th week report of the internship program. In this week I have learn introduction to python, why use python application of python, feature 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++, 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 keyboard Action program. I Can write keyword Action program and run the program in Computer. My teacher overall manual & Automation testing Syllabus are revision. 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:- data types 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 data type in python. G.O:- Tobacco must be banned. India ready for electric	I have learned string, list, tuple data type tobacco banned & india ready for electric	
Day - 3	Python:- Tuple, set, mapping, Range data types in python. G.O:- Walmart & flipkart deal impact on Indian Economy.	I have learned tuple, set, mapping, Range data types in python.	
Day - 4	Python:- operators in python - Assignment, Relational G.O:- Role of engineers in disaster management, which is more important.	I have learned operators Assignment & Relational Go on role of Engineers.	
Day - 5	Python:- logical unary operators in python G.O:- India have a one child policy.	I have learned logical, unary operators in python Go on india have on child policy	
Day - 6	Python language:- 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 DL24/03/2024 to DL24/03/2024)

Objective of the Activity Done:

Detailed Report:

This is 12th 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, Set, Mapping (or) Dictionary, Range data types. These data types 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 Symbols operators.

Next I have learned and participate in the part of Group discussion. The topics of group discussion interesting and important. 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 direction. Software -testing:- Explain dropdown & check box program.	I have learned giving the direction. Explain dropdown & check box program.	K
Day - 2	Additional chapter:- learned self and work Software Testing:- Write a dropdown & check box program.	I have learned self and work management. write dropdown & check box program.	K
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.	K
Day - 4	Additional chapter:- Hazards at work place. Python:- Conditional Statements in programs.	I have learned Hazards at work place. Conditional Statements program.	K
Day - 5	Additional Chapter:- dealing with Emergencies in work place. python:- if-elif-else Conditional Statements.	I have learned dealing with emergencies in work place. if-elif-else Conditional Statements.	K
Day - 6	Additional chapter:- data and information management. Python:- looping Statements in python.	I have learned data and information management. looping statements in python.	K

WEEKLY REPORT

WEEK - 13 (From Dt. 01/01/2022 to Dt. 06/01/2022)

Objective of the Activity Done:

Detailed Report:

This is the 13th week of the internship program. In this I have learned Giving the directions topic learned additional This topic is very helpful to real life situation And also I learned additional chapters like self and work management. teamwork and Communication 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 learned in Software testing Explain dropdown check box program and write program Explain file upload program in orange HRM. In python programming language I have learned Conditional Statements and write the programs also looping Statements learned in python. Python programming language in this week most important topics are Conditional Statements.

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 Python: - Write program Conditional Statement in the Computer.	I have learned how to develop knowledge skills & Competition	
Day -2	Additional chapter: - Personal Strength and value System Python: - Write program looping Statement in the Computer.	I have learned enhance personal Strength and value System, how to write looping Statement.	
Day -3	Python: - Write a program if-else-if in the Computer Software Testing: - Write file upload program in the Computer.	I have learned how to write if-else-if program in the Computer. write file upload program.	
Day -4	python: - 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 functions 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. 01/02/2024... to Dt. 12/02/2024)

Objective of the Activity Done:

Detailed Report:

This is 14th week of the internship program. In this week I have learned topics are develop your knowledge, Skills and Competition personal Strength and value System. Digital literacy in Group discussions because of these group discussion I have learned develop knowledge, Skill Such as Communication time management leadership, Competitive Spirit.

The python language write program 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 automation framework. framework is a Creation of a folder Structure with standard rules. next I learned testing NG NG means next generation. Test NG is a testing framework that overcomes the limitations of another popular testing framework, J unit, maven.

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 learn build personal strengths and also good Communication Skills	
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 to others.	
Day - 4	Interview Skills :- Conducting interviews	I have build/learn how to face to interviews in different acts.	
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. 13/09/24. to Dt. 18/09/24.)

Objective of the Activity Done:

Detailed Report:

The fifteenth week of internship programs. I have learn internship skills 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 am learn following
- * Introduction of Software development under standing 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 structure loops and Conditional statements
- * object oriented programming (oop) under standing the project principal at 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 and translating ideas among yours co workers.

C-programing 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 interaship I have also required python programming language. python is a popular programming language. More or less every 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 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 & 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 Employees as well as in 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.

Teamwork :- A manager is both a team leader & 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 and adapting to different Communication styles.

-Active listening:- This is one of the most imp aspect of good Communication.

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.

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 Constrate my studies to achieve 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 discussions 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 and 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 developments 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 Environments :- Technological developments have necessitated a focus on different categories of learning objectives in training programs.

Methods and Didactics :- one study suggests 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 and Self-management :- Technological developments have also influenced the way individuals manage their work and themselves.

Role of Technology in Education :- Technological has transformed teaching and learning in various ways. It has the potential to enhance educational Experience, facilitate personalized learning and provide access to resources and information.

Student Self Evaluation of the Short-Term Internship

Student Name: M. Thiriveni

Registration No: 216030054009

Term of Internship:

From: 18/01/2024

To: 18/04/2024

Date of Evaluation:

Organization Name & Address: Govt polytechnic Gagee

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
0	Creativity	1	2	3	4	5
1	Quality of work done	1	2	3	4	5
2	Time Management	1	2	3	4	5
3	Understanding the Community	1	2	3	4	5
4	Achievement of Desired Outcomes	1	2	3	4	5
5	OVERALL PERFORMANCE	1	2	3	4	5

Date:

M. Thiriveni
Signature of the Student

Evaluation by the Supervisor of the Intern Organization

Student Name: M. Thiruvani

Registration No: 16030059051

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
9603170697

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: M. Thiriveni

Programme of Study: III BSc (MScs)

Year of Study: 2023-24

Group: III BSc (MScs)

Register No/H.T. No: 216030054009

Name of the College: Government Degree College, Rajampet

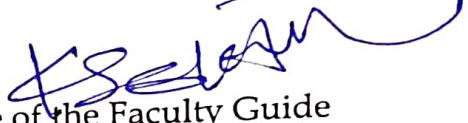
University: YU University, Kadapa

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:

23/08/2024

Signature of the Faculty Guide



EXTERNAL ASSESSMENT STATEMENT

Name Of the Student: M. Thriveni

Programme of Study: iii BSc (MScs)

Year of Study: 2023-24

Group: iii BSc (MScs)

Register No/H.T. No: 216030054009

Name of the College: Government Degree College, Rajampet

University: VU University, Kadapa

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	

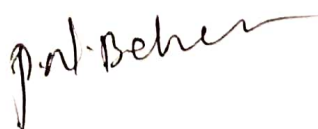
Signature of the Faculty Guide



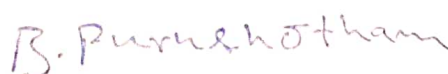
Signature of the Internal Expert



Signature of the External Expert



Signature of the Principal with Seal



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

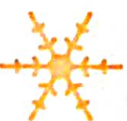
(AN ISO 9001 : 2015 CERTIFIED INSTITUTION)

CERTIFICATE OF INTERNSHIP

This is to certify that

W. THIRIVENTI

S/O D/O



M. RAMA CHANDRA

Has Completed His/Her internship program on

PYTHON

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



SEAL

put.

SIGNATURE