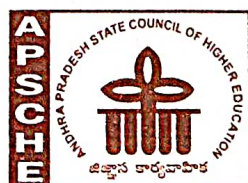


Model Program Book



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: C. Pallavi

Name of the College: GRC, Rajampet

Registration Number: 216030050005

Period of Internship: From 12/01/2021 To 18/04/2021

Name & Address of the Intern Organization: Junior Software Developer

Yogi Vemana University
YEAR

An Internship Report on

Junior Software Developer.

(Title of the Semester Internship Program)

Submitted in accordance with the requirement for the degree of

BSC (MSLS)

Under the Faculty Guideship of

M. JayaChandhra Babu

(Name of the Faculty Guide)

Department of

Mathematics

(Name of the College)

Submitted by:

C. Pallavi

(Name of the Student)

Reg.No: 216030054005

Department of Mathematics

Govt. 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, Chukka Pallavi a student of Junior Software Developer Program, Reg. No. 216030054005 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 / DMKVY (Name of the intern organization) under the Faculty Guideship of M. Jaya Chandhara Babu (Name of the Faculty Guide), Department of Mathematics, Govt. Degree College, Rajampet. (Name of the College)

C. Pallavi
(Signature and Date)

Official Certification

This is to certify that Chuleka Pallavi (Name of the student) Reg. No. 216030054005 has completed his/her Internship in PMKVY (Skill) (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)

Endorsements

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

Faculty Guide



Head of the Department



Principal

B. Purushotham

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

CERTIFICATE FROM INTERN ORGANIZATION

This is certify that CHUKKA PALLAVI Reg.No. 216030054005 of Government Degree College, Rajamepeta, Annamaya-516115 underwent ship 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** /
SATISFACTORY



(Authorized signatory with date and seal)

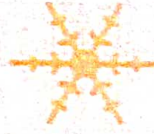


CERTIFICATE OF INTERNSHIP

This is to certify that

C.PALLAVI

S/O D/O



C.RAMAI AH

Has Completed His/Her internship program on

PYTHON

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



[Signature]

Acknowledgements

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

It is with immense pleasure that we would like express our indebted gratitude to our internship co-ordinator Dr. M. Jayachandhra 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 her 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 am also thankful to the commissioner of collegiate. Finally I learned technical skills and communication skills.

Contents

Chapter	Content
Chapter-1	Executive Summary
Chapter-2	Overview of the organization
Chapter-3	Internship part
Chapter-4.	Activity log & weekly reports.
Chapter-5	Out comes description.
Chapter-6	Photos / Links.
Chapter-7	Evaluation.

CHAPTER 1: EXECUTIVE SUMMARY

The internship report shall have a brief executive summary. It shall include five or more Learning Objectives and Outcomes achieved, a brief description of the sector of business and intern organization and summary of all the activities done by the intern during the period.

Learning Objectives & Outcomes:-

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

Activities done during internship:- We have been learned about in basics of computer & have gained for typing, keywords and ms-office etc during these weeks. They though taught us all the basic concepts of skills & software development. At the end of every session they cleared out doubts.

During these weeks we are prepared for what is learning in junior software developer course. Exam conducted by teaching faculties. There were write exam and successful completed my internship sessions. After submission of project and exam.

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.

Vision & Missions:- The scheme has been designed as a software development certification with an aim to enable & mobilize large number of Indian youth in 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 training.

Organizational Structure:- The organization intends to create opportunities and space for the development of talents in India youth, good work ethics as a part of the training.

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 & 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 at & from 4PM everyday of my Internship was weeks long. In which weeks were learning & teaching sessions & at a week we had software Development written exams, seminars, group discussion, powerpoint presentations etc.

Equipment:- For this internship man-helid & computer device used

Interview & employability Skills:-

Communication Skills

Management Skills

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, exam etc.

CHAPTER 4: 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 PMMY. I have to learn importance of skills development in the field of software development.

* Also I am learn following.

* Introduction of software development understanding their importance the basic of software development.

* Overview of programming language and their importance.

* Programming fundamentals Basics of programming logic & problem solving variables data types & operators.

* Control structures loops & conditional statements.

* Object oriented programming (OOP) understanding the project principal of OOP classes, objects and inheritance polymorphism etc.

* Introduction to web technologies E, HTML, CSS, Java, Script.

ACTIVITY LOG FOR THE FIRST WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Interview skills:- self introduction seminar. Syllabus Introduction:- Overview of the syllabus.	I have learned how to introduce my self. in front of people. *Analyse the syllabus	
Day - 2	Basics 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 questions are asked in interview.	
Day - 3	Basics of Computer:- Full form of computer. Interview skills:- write the answers of interview questions.	I have learned how to use full forms in computer and write the answers of interview questions.	
Day - 4	Basics of Computer:- Functionality, advantages and disadvantages of computer. Interview Skills:- Format of resume.	I have learned functionalities advantages & disadvantages of computer and format.	
Day - 5	Basics of Computer:- Application 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 and 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: This is the first week from the first day when I joined in the classroom. I am very excited because of I like the education. I have met the teachers and listen the class participate in self introduction seminar and introduction of overall syllabus. Must and should be attend the class.

I have learned also basis of computer. I learn short cut keys, full forms, functionalities of computer, Advantages and 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 I have learn think before speak, communication skills and Basics of computer, develop interpersonal and other critical skills in the future job in any sector to understand this information in this week classes.

ACTIVITY LOG FOR THE SECOND WEEK

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

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

This is second week of the internship program. I am comfortable this week than the first week. This week I have learned Block diagram of computer. In this RAM & ROM memory, parts, mouse and keyboards of the computer. In this week I have learn very important topic is number system questions. After listening these classes, I have full knowledge about number system.

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

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

ACTIVITY LOG FOR THE THIRD WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	Basics of Computer:- Binary to hexa decimal 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	Basics of computer:- Octal to binary & decimal conversions. Software testing:- SDLC Real time process implement.	I have learned how to convert octal to binary & decimal and SDLC Real time process implement.	
Day - 3	Basics of Computer:- Exam keywords, flowcharts, block diagram of computer. Software testing:- Types of SDLC Models waterfall, V.	I have learned write the exam and learned types of SDLC models waterfall & V model.	
Day - 4	Basics of Computer:- Octal to binary hexa decimal conversions. Software testing:- Explain the agile module.	I have learned how to convert octal to hexa decimal, explain the agile module.	
Day - 5	Basics of Computer:- Decimal to binary & octal conversion. Software testing:- Explain SDLC real time process implementations.	I have learned how to convert decimal to binary & octal. Explain the SDLC Real time process implementation.	
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 and explain 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 hexa decimal.

This week I have write the exam in keywords, fullforms and block diagram of computer. This exam will conducted this how much we understand the topics and analyze our performance this why teachers conduct this exam. In this exam to shortcut keys, 30 fullforms, 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 4 types of modules waterfall module, V-model, Agile module and also SDLC 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.

ACTIVITY LOG FOR THE FORTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	Basics of Computer:- Hexa decimal to binary & octal conversions. Software testing:- Severity and priority	I have learned how to convert hexa decimal to binary & octal and 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 and explain Bug life cycle.	
Day -3	Basics of Computer:- Testing Skills. Software testing:- Types of testings.	I have learned typing in notepad and explain types of testing.	
Day -4	MS-office:- Explain how to create pamphlet. Software testing:- Realtime project Adaction hotel.	I have learned how to create pamphlet. Explain how to do real time project.	
Day -5	MS-Office:- Create resume in lab. Software testing:- QA & QC, when to stop testing	I have learned how to create resume in ms-word. Explain QA & QC, stop testing	
Day -6	MS-office:- Create pamphlet in MS-word. Software testing:- Write the test scenarios of Adaction.	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 end of the number systems conversions.

In this week I having 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, Quality Assurance & quality control, When to stop 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 adetin hotel	I have learned how to create Id-card and how to write test case in adatin 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:- Creating Bill in Ms word in the 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.	Explain how to create news paper in Ms-word and explain tools of 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 and create power point 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 MS Word. The creation of ID card, Bill and newspaper. I have improve the the knowledge about MS word. Knows all the information of MS word. Types of tools and how use tools in MS word such as paragraph alignment, Page size, margins, Insert & Layout Shapes and pictures, word Art, Header & footer, Text size & colour.

In software testing i have write test cases in adactin 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 and 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 C such as Mission language & Assembly language, High level & low level language, History of C programming language.

ACTIVITY LOG FOR THE SIXTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	C language:- Applications, versions of C language. Software testing:- Power point presentation in modules.	I have learned applications & versions of C and listen the power point presentation seminar.	
Day - 2	C language:- Basic structure of C program. Software testing:- Power point presentation Robomodels	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 All technology	I have learned key words, identifiers in C tokens listen power point presentation seminar.	
Day - 4	C language:- Arithmetic & Relational operators. Software testing:- Explain x-path attributes & syntax.	I have learned Arithmetic & relational operators and explain x-path attributes and syntax.	
Day - 5	C language:- Constants, strings, special symbols. Software testing:- Object identifiers or element locators.	I have learned constants, strings, special symbols and explain element locators.	
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 I have learned Applications & versions of C language, Tokens in C language such as keywords, Identifiers, Constants, Strings, special symbols and operators. In operators there are different types such as Arithmetic operators, these operators perform addition, subtraction, Multiplication, division operations. Relational operators perform relation between two operands. Logical operators perform logical AND, logical OR, logical NOT operations. Bitwise operators perform Bitwise AND, Bitwise OR, Bitwise Exclusive OR.

In software testing I have learned and listened to different seminars on different topics such as modules of testing, rating behaviour, Robo technology etc. I have learned object identifiers or element locators and XPath attributes and syntax. My teacher explained the object 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. Software testing :- Covid-19 education startups group discussion.	I have learned Assign operators and listen Covid 19 education startups Group discussions.	
Day - 2	C language :- Variable naming, definition declaration, initialization. Software testing :- GD on 1% Indians pay income tax & Govt. schools quality education.	I have learned variable naming definition declaration initialization GD 1% Indians pay income tax & Govt. schools	
Day - 3	C language :- User-defined Data types. Software testing :- GD on ^{NIT} working at google schooling online bullet trains introduction.	I have learned data types in C language GD on NIT working at google schooling online & bullet trains.	
Day - 4	C language :- Data types in C language. Software testing :- GD on Poverty facts, causes, effects	I have learned data user defined data types GD on poverty facts, causes effects.	
Day - 5	C language :- Basic & derived Data types. Software testing :- GD on encounter Hyderabad rapist & ban of additional home work.	I have learned basic & derived data types. GD on encounter of Hyderabad rapist & Ban of additional HW.	
Day - 6	C language :- Explain sample C program. Software testing :- GD on Mars mission, India ready for cashless economy.	I have learned explain sample C program. GD on Mars mission India ready for cashless economy.	

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

This is the seventh 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 datatypes in C language. Explain the sample program of C programming language at In these classes I have learn most of the topics of C language.

In software testing include group discussions such as Covid-19 education startup, and how people pays Income tax, IIT working at google schooling online & bullet train introducing India, encounter of Hyderabad nepist & Ban of Additional homework, poverty facts, causes, effects, Mars mission, India has steady rise cash less economy. These topics are covered in group discussions and help to me gain the knowledge and information in general studies. These group discussions are improve the confidence and communication skills in english. 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 statement. if, if-else. Software testing :- Java, class, method, object.	I have learned decision making statements if, if else, and Java, class, method, object.	
Day -2	C language :- else-if ladder, nested if, switch statements. 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 :- Datatypes and variables.	I have learned looping statements. while loop. Datatypes & variable in core Java.	
Day -4	C language :- Strings in C language. Software testing :- Conditional statement.	I have learned strings in C language. Core Java loops statements.	
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 languages, keyword OOPS concepts in core Java.	

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

This is the eighth week of internship program. In this I have learned decision making statements such as if, if else, else if ladder, nested if, switch statement, looping statements such as while loop, Do-while loop, for loop, strings in C language.

Arrays in C language. These classes are about 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 all are the basis of core Java. In core Java have variables, Data types, conditional statements such as if, if else, looping statements such as while loop, Do-while loop, for loop, foreach loop, keywords oops concepts such as Abstraction, Encapsulation, polymorphism. OOPS means object oriented programming language. Java is a 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, Difference selenium & QTP.	I have learned exception handling Explain Selenium, Diff selenium & QTP.	
Day -4	C language:- Perform the conditional statement program in computer. Software testing:- Install JDK in lab & install eclipse.	I have learned write conditional statement program in the computer. Install JDK in lab & install eclipse.	
Day -5	C language:- Perform the else if ladder & nested if programs in the computer. Software testing:- write a sample program.	I have learned write else if ladder & nested if programs in the computer. write a sample program.	
Day -6	Basics of computer:- Number system exam. Software testing:- write a conditional statement program in the computer.	I have written number system exam write a conditional statement program in the computer.	

WEEKLY REPORT

WEEK - 9 (From Dt 02/03/24 to Dt 13/03/24)

Objective of the Activity Done:

Detailed Report:

This is the ninth week of the internship program. In this week I have learn inheritance in Core Java, Polymorphism, Exception handling topics in Core Java. In C language I have learn write the programs in conditional statements such as If, If else, else if. And also nested if in the computer. And also write 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 installation I have create project. give the project name, next create package and write conditional statements program in eclipse IDE. I learn the how to create project, package, class, and how to write program, how to execute program. These are all the learned in this week classes.

ACTIVITY LOG FOR THE TENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day - 1	C language:- Write a C Program to giving static software testing. write a looping statements.	I learn how to write C program to give static & how to give looping statement	
Day - 2	C language:- write a looping statements 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 software testing:- web drivers in selenium.	I learn how to write a one dimensional array program how to install selenium.	
Day - 4	C language:- Write a Program in strings. Software testing:- Explain selenium web drivers.	I have learned how to write strings Program Explain selenium web drivers	
Day - 5	Python:- Write a multi dimensional array. Software testing:- Explain how to added tom files.	I learned how to write a multi dimensional array program.	
Day - 6	Python:- Explain python Syllabus. Software testing:- Explain program for firefox driver.	I learn python program syllabus & Explain program for firefox driver.	

WEEKLY REPORT

WEEK - 10 (From Dt: 4/03/24 to Dt: 9/03/24)

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 given rating such as excellent, good, Average, bad, worst. and also writting programs in looping statements in C language write a program in string write a program in one dimentional array and multidimensional 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 fire box driver, chrome driver, explain how to added jarfiles to the project and process of the overall installation of the webdrivers.

Explain program for orange HRM website. In this application login-logout program will be explained using Firefox driver. These classes I have learn 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 S.T:- Explain Alert Pop up program.	I learned introduction to python and Explain alert pop up program.	
Day -2	Python:- Why use python applications of python. S.T:- Write Alert pop up program.	I learned why use python application of python. write alert pop up program.	
Day -3	Python:- Features of Python S.T:- Explain keyboard action program.	I have learned features of python explain keyboard action program.	
Day -4	Python:- Comment statement in Python S.T:- Write keyboard action program.	I learned comment statement in python And write keyboard action program.	
Day -5	Python:- Exam in C language. S.T:- Revision of software testing.	I learned & write C program exam & listen carefully over all manual & Automation testing.	
Day -6	Python:- Key boards of Python. S.T:- Exam in software testing.	I learned key board 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 have learn introduction to python, why use python, applications of python, features of python, comment statements in python, keywords of python very easily python is a simple and easy to learn than the other programming languages like C, C++, Java etc.

In this week 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 keywords action program. I can write keyword Action program and run the program in computer. My teacher overall manual & Automation testing syllabus and easy to learn overall syllabus.

In this the last day of week I write the exam in manual & Automation testing. In this exam also given programs also.

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. Group discussion:- Impact of social networking sites	I learned data types none, numeric & write impact of social networking sites.	
Day - 2	Python:- String, list, Tuple datatype in python. G.D:- Tobacco must be banned India ready for elect	I learned string list, tuple data types tobacco banned & india ready for electronic	
Day - 3	Python:- Tuple, sets, mapping, Range data types in python. G.D:- Walmart & Flipkart deal impact on indian economy	I learned tuple, sets, mapping, Range data types in python.	
Day - 4	Python:- Operators in python Assignment creation. G.D:- Role of engineers in disaster.	I 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 on child policy.	
Day - 6	Python:- Arithmetic bitwise special. G.D:- 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 the 12th week of internship program. In this week I have learned more topics of each subjects. 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 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.

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report:

This is the 13th week of the internship program. In this I have learned giving the directions topics learned additional this topics 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 in oracle 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 THIRTEENTH WEEK

Day & Date	Brief description of the daily activity	Learning Outcome	Person In-Charge Signature
Day -1	Additional chapter:- Giving the directions. S.T:- Explain drop down & check box program.	I have learned giving the direction Explain drop down & check box program.	
Day -2	Additional chapter:- learned self & work. S.T:- written dropdown & check box program.	I have learned self & work management. write dropdown & check box program	
Day -3	Additional chapter:- Team work & communication. S.T:- Explain file upload	I learned team work & communication Explain file upload program.	
Day -4	Additional chapter:- Hazards at work place Python:- Conditional statements in programs	I learned hazards at work place conditional statement program.	
Day -5	Additional chapter:- dealing with emergencies in work. Python:- if - else - elif Conditional statements.	I have learned dealing with emergencies in work place if elif - else conditional	
Day -6	Additional chapter:- Data & information management. Python:- looping statement in python.	I learned data & information management looping statements in python.	

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 & competitions.	
Day -2	Addition chapter:- Personal strength & value system. Python:- Write program looping statement in system.	I have learned enhance personal strength & value system now to.	
Day -3	Python:- Write a program if-else-if in the computer. S.T:- Write file upload program in the computer.	I learn how to write if-else-if program in the computer write program.	
Day -4	Python:- Write strings in Python & explain strings. Additional chapter:- Listen all additional chapters.	I learn strings in Python & also prepare all additional chapters.	
Day -5	Python:- Explain functions in Python S.T:- Explain Automation framework.	I have learned . function in python In testing learn Automation framework	
Day -6	Python:- Write exam in Python . S.T:- Explain testing, Annotations.	I write exam in python In software testing I have learned . testing, Annotations.	

WEEKLY REPORT

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

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, skill 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 precreating of a folder structure with standard roles. next learned testing NG1 means next generation. Test NG1 is limitations of another popular testing framework, I unit moving.

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 & value system.	I learned build personal strengths & 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.	I have build my time. work management & good communications.	
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.M.S office.	

WEEKLY REPORT

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

Objective of the Activity Done:

Detailed Report: The fifteenth week internship programs. I have learn internship skills personal strengths & values.

I have learn employability skills, interpersonal skills, interview skills, collaborations skills and also technical skills.

Entire internship programme I learn employability skills, interview skills & also technical skills.

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

During in this internship I learned many topics acquired these are.

Data management & Analysis:- I have acquired the technical skills in job related skills, many companies have needed help managing & storing data securely. This requirements opens up a huge job market linked directly to the technical skill of data management.

Communication skills in professionally:- I have learned communication skills. This is help me ability to communicate effectively by conveying information & translating ideas among yours co workers supervisors or clients becomes essential in any field.

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.

Python programming language:- In this internship I have also required python programming language. Python is a popular programming language.

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 and drive the organization in the right direction. And to be a good manager it is important to have skills like planning and creating an effective strategy good communication skills decision making leadership skills, problem-solving skills, time management, conceptual skills, controlling, motivating & leading the pillars of the organization and has the ability to lead the company to success.

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

Planning:- Planning & prioritizing skills have everything to do with productivity efficiency impact & organization. Your ability to plan requires time management skills.

Teamwork:- A manager is both a team leader and a team member. It's important to know and appreciate what it takes to get the job done and keep the team in mind when making decisions that will affect team members. Support & encourage collaboration within their team & across others in the department or company.

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 & how to communicate others. Now I understand the others language. I am freely communicate with good behaviour my learning level is also increased.

Effective communication is the process of conveying information clearly & efficiently b/w individual or groups.

Communication goes beyond just verbal exchanges; it also includes non-verbal such as body language. Effective communication requires active listening, empathy, & adapting to different communication styles.

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

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

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 and constrate my studies to achieve my contribution on my classroom.

I specially thanks to understand my problem & my classmates understand to english to enhance my abilities in group discussions, participation in teams, contribution in internship program here are a few strategies. The class leader have some qualities that is

★ Active listening

★ Effective communication.

★ Preparation

★ Collaboration

★ Leadership skills

★ Continuous learning.

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

The technological development I have observed and relevant to the subject area 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 & didactics:- One study suggests that experience based learning fosters adaptability in the face of technological advancements.

Guidance of trainers & teachers:- While no specific suggestions are provided in the search results it is important 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 and themselves. Training programs need to address these changes and equip learners with the necessary skills.

Role of technology in education:- Technology has transformed teaching and learning in various ways. It has the potential to enhance educational experiences, facilitate personalized learning & provide access to resources & information.

Student Self Evaluation of the Short-Term Internship

Student Name: Chukka Pallavi

Registration No: 216030054005

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:

C. Pallavi
Signature of the Student

Evaluation by the Supervisor of the Intern Organization

Student Name: Chukka Pallavi

Registration No:

Term of Internship:

From: 18/01/2024

To: 18/04/2024

Date of Evaluation:

Organization Name & Address: Govt. Polytechnic College, Rajampet.

Name & Address of the Supervisor K. Sudheer
with Mobile Number 9603770097

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

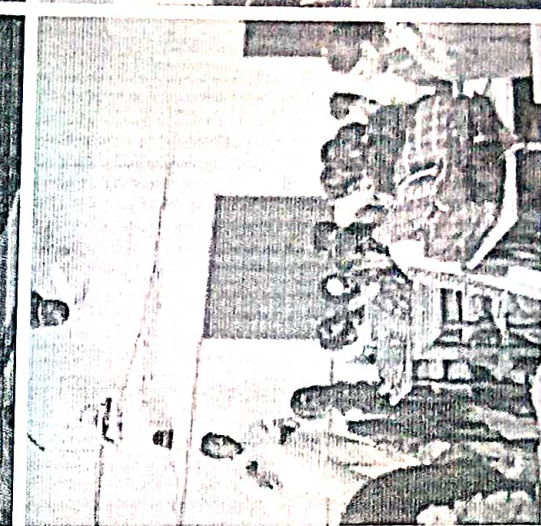
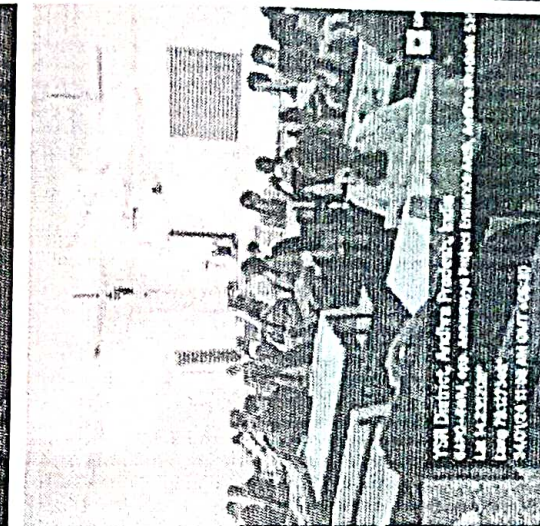
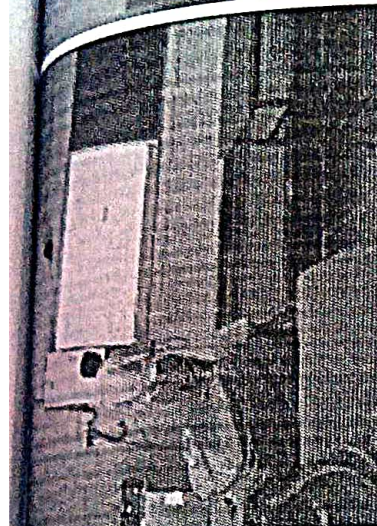
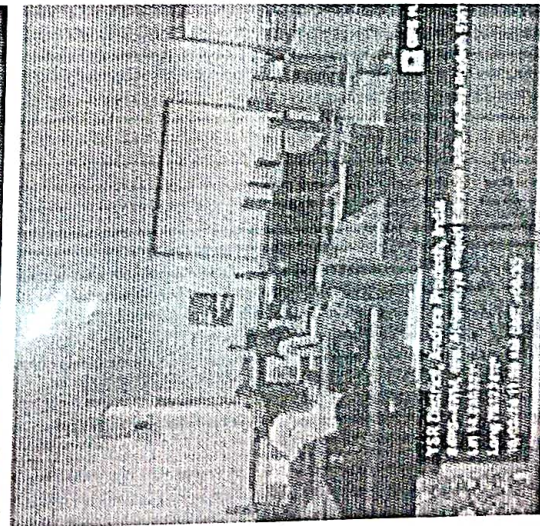
Please note that your evaluation shall be done independent of the Student's self-evaluation

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:

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: C. Pallavi
Programme of Study: III BSC (MScs)
Year of Study: 2021-2024.
Group: III BSC (MScs)
Register No/H.T. No: 216030054005
Name of the College: Govt. Degree college, Rajampet
University: Yogi Vemana University

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: 23.04.2024


Signature of the Faculty Guide

EXTERNAL ASSESSMENT STATEMENT

Name Of the Student: C. Pallavi
Programme of Study: III BSC (MScs)
Year of Study: 2021-2024.
Group: III BSC (MScs)
Register No/H.T. No: 216030050005
Name of the College: Govt. Degree college, Rajampet
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

H. Gyan

Signature of the Internal Expert

B. S. S. S.

Signature of the External Expert

P. N. Behar

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

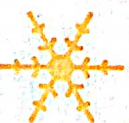
(AN ISO 9001 : 2015 CERTIFIED INSTITUTION)

CERTIFICATE OF INTERNSHIP

This is to certify that

C.PALLAVI

S/O D/O



C.RAMAIAN

Has Completed His/Her internship program on

PYTHON

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



SEAL

SIGNATURE