NAME OF THE STUDENT : MUTHYALA BHANU PRAKASH

NAME OF THE COLLEGE : SRI VENKATESWARA ENGINEERING COLLEGE

REGISTRATION NUMBER : 209E1A04F2

Program Book | Short Term Internship

AP STATE COUNCIL OF HIGHER EDUCATION
(A STATUTORY BODY OF GOVERNMENT OF ANDHRA PRADESH)

Program Book
for
Short-Term Internship

Name of the Student: MUTHYALA BHANU PRAKASH

Name of the College: SRI VENKATESWARA ENGINEERING COLLEGE

Registration Number: 209E1A04F2

Period of Internship: **From:** 02/05/2023   **To:** 25/05/2023

Name & Address of the Intern Organization:

SRI VENKATESWARA ENGINEERING COLLEGE,

KARAKAMBADI ROAD, TIRUPATI DIST,

TIRUPATI.

An Internship Report
On
(Six Phrase Internship)

*Submitted in accordance with the requirement for the degree of **B. Tech.***

Name of the College: SRI VENKATESHWARA ENGINEERING COLLEGE

Department: ELECTRONICS AND COMMUNICATION ENGINEERING

Name of the Faculty Guide: Dr. B. SHOBAN BABU, Ph.D., Professor

Duration of the Internship:

From: 02/05/2023   To: 25/05/2023

Name of the Student: MUTHYALA BHANU PRAKASH

Program of study: III-II SEM, B.Tech., ECE

Year of study: 2020-2024

Register Number: 209E1A04F2

Date of Submission: 10/07/2023

Student's Declaration

I **MUTHYALA BHANU PRAKASH**, a student of **B. TECH** Program, Reg. No. **209E1A04F2** of the Department of **ECE, SVEC** College do hereby declare that I have completed the mandatory internship from **02/05/2023** to **25/05/2023** in **SIX PHRASE THE FINISHING SCHOOL** (Name of the intern organization) under the Faculty Guideship of **Dr. B.SHOBAN BABU, Ph.D.**, Department of **ECE** in **SRI VENKATESWARA ENGINEERING COLLEGE** .

(Signature and Date)

Endorsements

Faculty Guide: Dr. B SHOBHAN BABU, Ph.D., Professor

Head of the Department: Dr. C. CHANDRA SEKHAR., Professor

Principal: Dr. C. CHANDRASEKHAR., Professor

Certificate from Intern Organization

This is to certify that **MUTHYALA BHANU PRAKASH** Reg. No **209E1A04F2** of **SRI VENKATESWARA ENGINEERING COLLEGE** underwent internship in **SIX PHRASE THE FINISHING SCHOOL** (Name of the Intern Organization) from **02/05/2023** to **25/05/2023**. The overall performance of the intern during his/her internship is found to be................................ (Satisfactory/Not Satisfactory).

Authorized Signatory with Date and Seal

ACKNOWLEDGEMENTS

Firstly, I would like to thank my Guide DR. B. SHOBAN BABU., Ph.D., professor of Department of ELECTRONICS AND COMMUNICATION ENGINEERING, for his valuable guidance and encouragement. His helping attitude and suggestions have helped me in the successful completion of the internship.

I also would like all the people that worked along with me SIX PHRASE THE FINISHING SCHOOL with their patience and openness they created an enjoyable working environment.

I would like to express my gratefulness and sincere thanks to DR. C CHANDRA SEKHAR, Professor and Head of the Department of ELECTRONICS AND COMMUNICATION ENGINEERING, for his kind help and encouragement during the course of our study and in the successful completion of the internship.

I would like to express my thanks to the DR C. CHANDRASEKHAR, Principal of Sri Venkateswara Engineering College, Tirupati, for the facilities provided to accomplish this internship.

I sincerely thanks to the management for providing all the necessary facilities during the course study.

I would like to express my deep gratitude to all those who helped us directly or indirectly to transform an idea into our working project.

MUTHYALA BHANU PRAKASH

209E1A04F2

CHAPTER 1: EXECUTIVE SUMMARY

Six Phrase is South India's largest Skill Development and Career Development Enterprise. Six Phrase is the brainchild of a veteran with over 9 years of IT experience from Cognizant Technology Solutions.

The services offered at Six Phrase include Placement / Employability Training, Technical Training, Aptitude & Soft Skills Training, Learning Management System (LMS) – E Learning Platform and Online Assessment Portal, English Language and Finance Training. Bringing together its years of experience and expertise in scientific training methods, Six Phrase brings out the Best LMS – E-Learning platform & Online Assessment Portal, My Slate. My Slate is a one stop shop for all training requirements required to make a graduate employable. My Slate Junior is an initiative by Six Phrase (South India's largest Skill Development & Career Development Enterprise) to enlighten & empower the school children with coding skills.

The internship report highlights the major works carried out by the author in terms of academic and non-academic perspectives. The scope of this document is to identify and describe the analysis carried out, projects completed, experience gained and focuses on the achievements as an intern.

LEARNING OBJECTIVES: -

- Empowering Students and help fulfill the employability dreams of every parent.
- Accelerating our progress as a Centre of excellence in employability skill training and finishing school.
- Nurturing Young Minds across all economic classes and making them compete globally.
- Producing globally competent professional minds with human values and ethics
- With a flair to gift the world with code prodigies

OUT COMES ACHIEVED: -

- Reinvigorated Training Contents.
- Customized Courses and Training Plan.
- Subject Matter Expert mentors.
- Learn – Practice – Assess Training Model.
- AI Enabled Personalized Learning plan.
- State of Art Learning Management System
- Dedicated customer support to solve student queries.

CHAPTER 2: OVERVIEW OF THE ORGANIZATION

INTRODUCTION OF THE ORGANIZATION:

Six Phrase is a 13 years old Institution engaged in Employability Training, Skill Development and Career Guidance Services. Employability Training | Technical Training | Centre for Futuristic Learning | English & Soft skills Training | Finance Training | TALENTELY LMS/PMS/TMS.

VALUES OF THE ORGANIZATION:

SOFT SKILLS: SIX PHRASE's soft skills training course allows you to build and refine your skills at communication, team building and leadership in order to get ahead of the competition.

TECHNICAL TRAINING: Something more specific to add to your résumé, technical courses such as C, C++, Java, Data Structures, PHP, Dot Net, Mobile Applications can help get you there.

PROFESSIONAL SKILLS: Providing employees with opportunities for professional development has long been recognized as a key retention and organizational growth tool.

APTITUDE TRAINING: This program trains and explains the basics of all skills and analytical mind that anyone should have in order to achieve personal excellence and accomplishing the goals more swiftly.

Training sessions are delivered in a way that is engaging, with participants practicing the skills they are learning in real-time so that they can be immediately applied in their work environment. Some of them were technical and some were non-technical. Coming almost at the end of the internship, we can discover that, some of our communicative and management skills have been improved to a great extent. Besides there were some vital lessons which will obviously help us in our future jobs After the internship, the author is more confident, more skilled and more professional than he was before.

FUTURE PLANS OF THE ORGANIZATION:

Placements are dreams of every jobseeker. The aptitude training given by Six Phrase opens up for prospering opportunities and increased interview calls from employers globally.

Job seekers, especially the final year students of college can be immensely benefitted by such aptitude tests to get selected in any company with our Talent Assessment Tool (TAT), Company specific training, online tests, résumé building, group discussions, interview skills and more like these.

CHAPTER 3: INTERNSHIP PART

RESPONSIBILITIES:

At the beginning of internship, I formulated several learning goals which I wanted to achieve

- Developed applications (coding, programming)

- testing and debugging code

- proactively learnt about new technologies

- Approaching problems and creating solutions

- Documenting and testing software applications

WORKING CONDITIONS AND HOURS:

The internship hours are from 9:30 AM to 4:30 PM with a one-hour lunch break. The work environment is primarily indoors, within the auditorium.

WEEKLY WORK SCHEDULE: -

Week-1: 6 hours per day: 2nd MAY TO 6TH MAY

Week-2: 6 hours per day: 8TH MAY TO 13TH MAY

 Week-3: 6 hours per day: 15TH MAY TO 20TH MAY

MID ASSESSMENT ON 20TH MAY

 Week-4: 6 hours per day: 22ND MAY TO 25TH MAY

FINAL ASSESSMENT ON 25TH MAY

Week-5: 6 hours per day: 26TH MAY TO 31ST MAY

ONLINE TESTS ON TALENTELY.COM

 VALUES LEARNT:

- How to put my knowledge and skills into practice.
- The benefits of networking.
- Understanding workplace culture.
- The benefits of taking on feedback.
- Work ethic
- Integrity

These values learned during an internship can shape your professional conduct, decision making, and approach to work as you progress in your career. They contribute to your overall professional development and help you become a well-rounded and responsible professional.

LIFE SKILLS LEARNT:

- communication
- Decision-making
- Critical-thinking
- Time management
- Problem solving
- Teamwork and collaboration
- Adaptability
- Professionalism

Remember, the specific skills you gain during an internship will vary based on the nature of the internship, your responsibilities, and the industry you're in. It's important to actively engage in your internship.

ACTIVITY LOG FOR THE FIRST WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day – 1	TECHNICAL: - Pointers, Functions, Function Parameters	Manipulating Data Directly, Passing Values by Reference, Modularity and Code Reusability, Code Optimization	
Day - 2	APTITUDE: - Data Interpretation & Data Interpretation on Multiple Charts	Data Analytic skills, Manipulating Data Directly, Communication and Presentation skills	
Day – 3	TECHNICAL: - Abstract Data types, Array Operations, Time Complexity Analysis, Strings	Understanding Abstract Data Types (ADTs), Modularity and Encapsulation, Iteration and Traversal, Efficient Memory Utilization, String Manipulation	
Day – 4	APTITUDE: - Co-Ordinate Geometry, Mensuration	Distance Calculation between Points, Slopes and Gradients of Lines, Area and Perimeter, Volume and Surface Area Calculation	
Day – 5	APTITUDE: - Data Arrangements, Seating Arrangements, Chain Arrangements.	Sorting Data, Grouping and Categorizing Data, Filtering and Selecting Data, Rearranging and Reorganizing Data	
Day – 6	TECHNICAL: - Introduction to bit Manipulation, Problems on bit Manipulation	Bitwise Logical Operations, Shifting Bits, Setting and Clearing Bits, Checking Bit Status	

WEEKLY REPORT

WEEK – 1 (From Dt: 02/05/2023 to Dt: 06/05/2023)

Objective of the Activity Done:

Detailed Report:

During the very first week of my internship with the company I learned some of the best skills.

As an intern I got a list of tasks and exams on the weekend to complete every day.

The tasks I undertook includes:

Technical skills and then additionally aptitude skills were both provided by the company:

During day-1, I learnt about the pointers and functions in c programming. I was able to grasp the fundamental idea of pointers that stores the memory addresses. I am now able to pass pointers to the functions, work with various data structures and manipulate these data structures efficiently. This helped me to master many programming languages.

During day-2, on the next day I have really built a solid foundation in data interpretation. I was able to recognize and work with various types of data such as numerical, categorical and graphical representations. I learnt different techniques for analyzing and summarizing the data through measures of central tendency. Developed the ability to interpret the data accurately and solved the problems effectively.

During day-3, I understood the concepts of abstract data types, strings, time complexity and array operations. Gained ability to write clean and well-structured code, following coding conventions. These skills enabled me to design efficient algorithms, optimize code and solve a wide range of computational problems.

During day-4, Gained knowledge about how to plot the points, identify coordinates and about the Lines, Slopes, Distance, Area. Solved problems related to conic sections such as finding the foci, vertices. Developed critical thinking skills to solve mensuration principles. Now I am familiar with the geometric shapes and able to calculate all the practical related applications. During day-5, On this day I have gained skills in presenting solutions to seating and chain arrangement problems in a clear and concise manner. Applied arrangement concepts to real world scenarios such as event planning and organizing data.

During day-6, I got to know about the binary numbers and its relation to bit manipulation. Understood about the bitwise techniques for checking parity counting set bits and other specialized operations.

At the end of the week, I had different tasks assigned to us based on topics I covered.

ACTIVITY LOG FOR THE SECOND WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day – 1	APTITUDE: - Logarithms, Problems on Ages and Clocks	Applying Algebraic Equations to Age Problems, Determining Age Ratios and Relationships, Determining Angles between Clock Hands	
Day - 2	VERBAL: - Paragraph formation, Sentence Improvement	Proper Paragraph Structure (Introduction, Body, Conclusion), Clarity and Precision in Sentence Construction, Correct Punctuation	
Day – 3	APTITUDE: - Calendar and Clocks, Chain Rule	Understanding Function Composition, Differentiation of Basic Composite Functions, Applications of the Chain Rule, Problem-Solving Skills	
Day – 4	TECHNICAL: - Introduction to Recursion, Types of Recursion	Analyzing the time and space complexity of recursive functions, Recognizing recursive problem-solving patterns	
Day – 5	TECHNICAL: - Combination formula, Tower of Hanoi, Tower of Hanoi Implementation, Introduction to Array, Static vs Dynamic Array, Two dimensional Matrix, Arrays in Compilers	Ability to implement and analyze recursive functions, Familiarity with array declaration, initialization, and accessing elements	
Day – 6	APTITUDE: - Trigonometry, Heights and Distances, Surds and Indices	Applying trigonometry to real world situations, such as physics, and navigation, Ability to manipulate expressions involving surds and indices.	

Objective of the Activity Done:

Detailed Report:

During the second week, I focused on many aptitude, technical, verbal and reasoning topics. During day-1, I focused on the topic of logarithms in aptitude. Logarithms are mathematical functions that are used to solve exponential equations. I discussed the properties and rules of logarithms and practiced solving problems related to them. Additionally, I covered problems on ages and clocks, which involve using mathematical formulas and reasoning skills to determine the age of a person or solve clock-related problems.

During day-2, In the verbal section, I worked on improving paragraph formation skills. I practiced organizing and structuring paragraphs effectively to convey ideas clearly and coherently. Furthermore, I focused on enhancing sentence construction and improving grammar through sentence improvement exercises.

During day-3, On this day, I delved into the topics of calendar and clocks in the aptitude section. I learned about different concepts and methods for solving problems related to calendars and clocks, such as determining dates, calculating time intervals, and handling leap years.

During day-4, I have gone through the topics of recursion, I discussed the basic principles of recursion and its application in solving problems by dividing them into smaller subproblems. I also covered different types of recursion, such as direct recursion, indirect recursion, and tail recursion, and their characteristics.

During day-5, During this day, I covered several technical topics. I started with the combination formula, which is used to calculate the number of combinations possible from a given set of elements. I then moved on to the Tower of Hanoi problem, a classic mathematical puzzle that involves moving disks between three pegs.

During day-6, Surds and indices cover the properties and operations of surds (square roots) and indices (exponents), including simplification and manipulation techniques.

This concludes the activities and topics covered during the second week (from 8/5/2023 to 13/5/2023) of the reported period.

ACTIVITY LOG FOR THE THIRD WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY CTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day – 1	TECHNICAL: - Problems on Single linked list	Developing skills in problem solving and algorithmic thinking using linked lists. Ability to perform basic operations on a single linked list, such as insertion, deletion, and traversal.	
Day - 2	APTITUDE: - Races and Games, Simplifications	Learning to set goals and work towards achieving them, enhancing mathematical reasoning and problem-solving skills, Developing confidence and accuracy in mathematical calculations.	
Day – 3	TECHNICAL: - Problems on Single linked list	Improving proficiency in programming languages through practical implementation of linked list operations. Applying linked lists to solve real-world problems.	
Day – 4	APTITUDE: - Syllogisms, Critical Reasoning, Image based problems, coding and decoding	Developing computational thinking, Developing deductive reasoning skills. Ability to analyze and evaluate syllogistic arguments, Cultivating creativity and innovation in coding solutions	
Day – 5	APTITUDE: - Character puzzles, Clock puzzles, Logical puzzles, Missing letters	Improving cognitive skills, such as memory and concentration, enhancing thinking outside the box, enhancing spelling and word recognition abilities, Developing attention to detail and observation skills	
Day – 6	MID ASSESSMENT IN TALENTELY.COM	Assessing overall aptitude, verbal, technical, coding proficiency in various topics.	

WEEKLY REPORT WEEK – 3 (From Dt: 15/05/2023 to Dt: 20/05/2023)

Objective of the Activity Done:

Detailed Report:

Day 1: During this day, I focused on solving problems related to single linked lists. Single linked lists are data structures where each node contains a value and a reference to the next node. I practiced solving problems involving operations such as insertion, deletion, traversal, and searching in a single linked list.

During day-2, In the aptitude section, I covered topics related to races and games, which involve calculating speed, distance, and time in different race scenarios. I also focused on simplification problems, which require simplifying complex mathematical expressions using various rules and operations.

During day-3, Continuing from Day 1, I worked on solving more problems related to single linked lists. This included exercises that required implementing various operations on linked lists and understanding the concepts of nodes, pointers, and list manipulation.

During day-4, On this day, I engaged in solving various types of puzzles in the aptitude section. These included character puzzles that tested pattern recognition and logic skills, clock puzzles that involved solving problems related to time and clock hands, logical puzzles that required analytical thinking and deductive reasoning, and missing letters puzzles that challenged language and pattern recognition abilities.

During day-5, I focused on the technical topic of queues. We explored the implementation of queues using arrays and discussed their drawbacks, such as fixed size limitations. Additionally, I covered the concept of a circular queue, which addresses the limitation of the fixed size by allowing elements to wrap around and reuse the available space.

During day-6, they conducted mid assessment on the topics covered during before days. They conducted the test for getting the practice on different topics that they have covered. This concludes the activities and topics covered during the third week (from 15/5/2023 to 20/5/2023) of the reported period.

ACTIVITY LOG FOR THE FOURTH WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day – 1	VERBAL: - Choosing the correct words, one word substitution, odd words, idioms and phrases	Expanding vocabulary and figurative language understanding, enhancing communication skills, reading and writing abilities, Expanding vocabulary and linguistic creativity.	
Day - 2	TECHNICAL: - Queue using Arrays and its drawback, circular Queue, Queue using linked list	Understanding the trade-offs and advantages of using a linked list-based queue over an array-based queue.	
Day – 3	APTITUDE: - Statements and conclusions, statement- courses of action, statement and assumptions, Image Analysis, Pattern completion	Enhancing problem-solving skills by identifying underlying assumptions in complex scenarios, developing skills in interpreting and extracting information from images. Familiarity with image processing methodologies.	
Day – 4	TECHNICAL: - Doubled ended queue- Dequeue, Priority Queue, Queue using two stacks	Understanding the flexibility and advantages of a deque over other data structures, Ability to perform basic operations on a priority queue, such as insertion and deletion of elements based on priority.	
Day – 5	APTITUDE: - Permutations and Combinations, Probability	Applying permutations and combinations in real-world scenarios, such as counting principles and probability calculations,	
Day – 6	TECHNICAL: - Revision- Data Structure & FINAL ASSESSMENT	Familiarity with different types of data structures, such as arrays, linked lists, stacks, queues, trees, graphs, and hash tables.	

Objective of the Activity Done:

Detailed Report:

During the fourth week of internship, company came up with the verbal along with the aptitude and technical skills. I enhanced my communicative skills in this week.

During first day: I have expanded my vocabulary through studying idioms, phrases and one Word substitutions. By learning these linguistic tools, I was able to grasp figurative language, idiomatic expressions commonly used in everyday conversations. This processed me to approach language in a thoughtful manner. One Word substitutions turned my writings into more impactful manner.

During second day: On this day, implemented and utilized queues in C programming. By studying queues, I learnt how elements are added to back and removed from the front of the queues. This allowed to solve the tasks efficiently in a orderly manner.

During third day: Studying statements, image analysis, pattern complexion helped me to breakdown complex problems into smaller components, and drawing conclusions based on the given information. Improved my problem-solving abilities and techniques to identify patterns. Applied deductive reasoning and made logical inferences. By practicing I developed a keen eye for spotting subtle differences.

During fourth day: on this fourth day, focused on double ended queue-Dequeue and how to use queue using two stacks. Working with the double ended queues made me to improve my Algorithmic thinking. Additionally, I explored about how two stacks can simulate a dequeue and vice versa. I have expanded my knowledge how to manipulate the order of elements to achieve desired dequeue functionality.

During fifth day: Permutations and Combinations increased my critical thinking. Understanding these concepts equipped me with the foundation of probabilities of events and outcomes. Learnt how to determine the likelihood of specific events occurring, both with and without replacement in various scenarios.

During the end of the week: In the end, had revision of previous topics (Data Structures) in the morning followed by an assessment test in the afternoon.

ACTIVITY LOG FOR THE FIFTH WEEK

DAY & DATE	BRIEF DESCRIPTION OF THE DAILY ACTIVITY	LEARNING OUTCOME	Person In-charge Signature
Day – 1	Conducts the online test on all topics covered on Aptitude	Assessing overall aptitude and proficiency in various aptitude topics, enhancing time management and decision making skills, Identifying areas of strength and areas for improvement in aptitude.	
Day - 2	Conducts the online test on all the topics covered on verbal	Enhancing vocabulary and word usage. Developing grammatical and syntactical accuracy.	
Day – 3	Conducts the online test on all topics covered on Reasoning	Providing a benchmark for future skill development and progress tracking. Assessing overall reasoning abilities and logical thinking skills.	
Day – 4	Conducts the online test on all topics covered on coding	Gaining familiarity with various software development tools and technologies. Fostering a growth mindset and continuous learning in the field of coding.	
Day – 5	Overall final test on all the topics that are covered during the internship	Assessing overall aptitude, verbal, technical, coding proficiency in various topics.	
Day – 6	-	-	-

Objective of the Activity Done:

Detailed Report:

During day-1, On this day, an online test was conducted to assess the understanding and knowledge of the participants on various topics covered in the aptitude section. The test likely included questions related to topics such as logarithms, ages and clocks, calendar and clocks, chain rule, races and games, simplifications, trigonometry, heights and distances, surds and indices, and other relevant concepts.

During day-2, An online test was conducted to evaluate the participants' skills and comprehension in the verbal section. The test would have covered topics like paragraph formation, sentence improvement, grammar rules, vocabulary, reading comprehension, and other aspects related to verbal communication and language skills.

During day-3, This day involved conducting an online test to assess the reasoning abilities of the participants. The test would have covered topics such as logical puzzles, character puzzles, clock puzzles, missing letters, and other reasoning concepts to evaluate the participants' analytical and logical thinking skills.

During day-4, A comprehensive online test was conducted to evaluate the participants' coding skills and knowledge. The test would have covered topics related to data structures, algorithms, problem-solving techniques, and programming languages, among others. The participants were likely required to solve coding problems and demonstrate their coding proficiency.

During day-5, The final day of the week involved conducting a comprehensive test that covered all the topics covered during the internship program. This test aimed to assess the participants' overall understanding, knowledge, and proficiency in the different areas covered throughout the internship, including aptitude, verbal, reasoning, and coding. This concludes the activities conducted during the fifth week (from 26/5/2023 to 31/5/2023) of the reported period, focusing on conducting online tests on various topics covered during the internship.

CHAPTER 5: OUTCOMES DESCRIPTION

In this chapter, we will discuss the outcomes and aspects related to the work environment experienced during the reported period. The work environment encompasses various elements such as people interactions, facilities available and maintenance, clarity of job roles, protocols, procedures, processes, discipline, time management, and harmonious relationships. People Interactions:

During the reported period, the work environment fostered positive and collaborative people interactions. There was a culture cooperation, with individuals working together towards common goals.

Work environment:

The work environment promoted open communication channels, allowing for effective collaboration and the exchange of knowledge and expertise.

Protocols, Procedures, and Processes:

The work environment emphasized the establishment of protocols, procedures, and processes. These guidelines provided a structured framework for carrying out tasks and activities. Standard operating procedures were in place to ensure consistency, quality, and adherence to best Practices.

Clarity of Job Roles:

In the work environment, there was a clear understanding of job roles and responsibilities. Employees had a well-defined scope of work, which helped in effective task allocation and coordination

Facilities Available and Maintenance:

The work environment provided adequate facilities to support the tasks and activities performed. This included access to necessary equipment, tools, and technologies required for efficient work. The maintenance of these facilities was given due importance, ensuring they were in proper working condition and addressing any issues promptly. The organization prioritized providing a conducive and well-maintained physical environment for students.

Discipline and Time Management:

The work environment emphasized discipline and time management. Employees were expected to adhere to professional conduct and exhibit punctuality. Time management

skills were encouraged and valued, with employees striving to meet deadlines and effectively prioritize tasks. The work environment promoted a sense of accountability, encouraging individuals to manage their time effectively, avoid distractions, and maintain focus on achieving goals.

In summary, the work environment during the reported period demonstrated positive outcomes in terms of people interactions, availability and maintenance of facilities, clarity of job roles, adherence to protocols and procedures, discipline, time management, and harmonious relationships. These aspects contributed to a productive and conducive work environment that supported the achievement of individual and organizational goals.

Describe the real time technical skills you have acquired

Skills that are acquired from technical classes:

I have experience with low-level programming, including working with pointers, memory management, and optimizing code for performance. I have experience working with data structures such as arrays, linked lists, and trees, as well as with algorithms such as sorting and searching.

I have also worked with C libraries such as the Standard Library and POSIX, and have experience with embedded systems programming using C. Additionally, I have experience working with microcontrollers such as the Arduino and Raspberry Pi, and have worked on projects involving real-time data acquisition and control.

Skills that are acquired from aptitude and verbal:

In terms of verbal and aptitude skills, I have experience with critical thinking, problem solving, and effective communication. I have worked on projects that required me to analyze complex information, identify patterns, and develop solutions to problems. I have also presented my work to audiences of varying technical backgrounds, and have experience explaining complex technical concepts in a clear and concise manner. I have also worked on projects that required me to work collaboratively with others, including team members with different backgrounds and skill sets. I have experience with agile development methodologies, including Scrum and Kanban, and have worked in a variety of team structures, including cross-functional teams and remote teams.

Finally, I have experience with time management and prioritization, including managing multiple projects simultaneously and delivering high-quality work on tight deadlines

Describe the managerial skills you have acquired

In terms of planning, I am able to develop and execute a strategic plan that aligns with the goals of the organization. This includes setting goals, defining metrics for success, and creating a timeline for achieving those goals.

In terms of leadership, I am able to inspire and motivate their team, provide clear direction, and lead by example. This includes setting a positive tone for the team, providing feedback and recognition, and creating a culture of collaboration and continuous improvement.

In terms of teamwork, I am able to build and manage effective teams, including hiring and training team members, delegating tasks, and fostering a culture of teamwork and collaboration.

In terms of behaviour, I am able to model the behaviour they want to see in their team, including showing respect, being transparent, and taking responsibility for their actions.

In terms of workmanship, I am able to set high standards for quality and productivity, and provide the resources and support necessary for their team to achieve those standards. In terms of productive use of time, I am able to prioritize tasks and manage their time effectively, including delegating tasks as appropriate and avoiding distractions.

In terms of weekly improvement in competencies, I am able to identify areas for improvement and provide opportunities for their team to develop their skills and knowledge.

In terms of goal setting, I am able to set clear and measurable goals that align with the organization's strategic plan, and provide the resources and support necessary for their team to achieve those goals.

In terms of decision making, I am able to make informed and timely decisions, based on data and input from their team, and communicate those decisions clearly to their team.

Finally, in terms of performance analysis, now I am able to measure and analyze the performance of their team, identify areas for improvement, and provide feedback and recognition to their team members.

Describe how you could improve your communication skills

Improving communication skills is an ongoing process that requires practice and effort.

Here are some strategies that helped me:

Practice speaking in front of others to build confidence.

Used clear and concise language to articulate key points.

Used appropriate nonverbal cues, such as eye contact and body language, to enhance communication.

Practice extempore speech to improve improvisation skills.

Take time to prepare before speaking.

For confidence levels while communicating:

- Practiced speaking in front of others to build confidence.

- Used positive self-talk to boost confidence.

- Visualized a successful outcome before communicating.

For anxiety management:

- Practiced deep breathing exercises to reduce anxiety.

- Used positive self-talk to reduce negative thoughts.

- Visualized a successful outcome before communicating.

 For understanding others:

- Practiced active listening to better understand others and their perspectives.

- Avoided interrupting others while they are speaking.

- Showed empathy and respect for others.

For getting understood by others:

- Used clear and concise language to articulate key points.

- Used appropriate nonverbal cues, such as eye contact and body language, to enhance communication.

- Checked for understanding by asking questions.

For closing the conversation:

- Summarized the key points of the conversation.

- Thanked the other person for their time.

- Leave the conversation on a positive note.

By practicing these strategies, one can improve their communication skills and become a more effective communicator.

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

Enhancing abilities in group discussions, participation in teams, contribution as a team member, and leading a team/activity requires a combination of soft skills and technical skills. Here are some strategies that can helped me:

1. For group discussions:

- I have been an active listener and encourage others to share their thoughts.

- Used open-ended questions to encourage dialogue.

- Respected other's opinions and perspectives.

- Stayed on topic and focused on the discussion.

- Summarized key points to ensure everyone is on the same page.

2. For participation in teams:

- I have been a reliable team member by completing tasks on time and communicating effectively.

- Be open to feedback and constructive criticism.

- Showed initiative by taking on additional responsibilities.

- I have been respectful of others' opinions and perspectives.

3. For contribution as a team member:

- I had a clarity about my strengths and weaknesses and how I can contribute to the team.

- Be open to learning new skills and taking on new challenges.

- Communicate effectively with team members and provide updates on progress.

- I am willing to help others and ask for help when needed.

4. For leading a team/activity:

- Set clear goals and expectations for the team.

- Communicated effectively with team members and provide regular feedback.

- Encouraged collaboration and teamwork.

- I am very open to feedback and constructive criticism.

- Lead by example and demonstrate the desired behaviour.

By practicing these strategies, I enhanced my abilities in group discussions, participation in teams, contribution as a team member, and leading a team/activity.

Describe the technological developments you have observed and relevant to the subject area of training

Here are some digital technologies that have been developed in recent years:

1.**Cloud Computing:** This technology allows businesses to store data and run applications on remote servers, rather than on local servers or personal computers. This has enabled businesses to reduce costs and improve efficiency.

2.**Artificial Intelligence (AI):** AI has been developed to enable machines to perform tasks that would normally require human intelligence, such as speech recognition, decision making, and language translation. AI has been integrated into various industries, including finance, healthcare, and customer service.

3.**Internet of Things (IoT):** This technology refers to the network of physical devices, vehicles, and other objects that are embedded with sensors, software, and other technologies that enable them to connect and exchange data. IoT has been used to improve supply chain management, reduce energy consumption, and enhance customer experiences.

4. **Augmented Reality (AR):** AR is a technology that overlays digital information onto the physical world. AR has been used in various industries, including healthcare, education, and retail, to enhance customer experiences and improve efficiency.

5. **Virtual Reality (VR):** VR is a technology that creates a simulated environment that can be experienced through a headset or other device. VR has been used in various industries, including gaming, healthcare, and education, to create immersive experiences and enhance learning.

These are just a few examples of the technological developments that i have been observed in recent years. It's important to stay up-to-date with these developments to remain competitive in your job role and industry.

Student *Self Evaluation of the Short-Term Internship*

Student Name: MUTHYALA BHANU PRAKASH

Registration No: 209E1A04F2

Term of Internship: From :02/05/2023   To : 25/05/2023

Date of Evaluation: 10/07/2023

Organization Name& Address: SRI VENKATESWARA ENGINEERING COLLEGE, TIRUPATI.

Name & Address of the Supervisor with Mobile Number: Dr. B.SHOBAN BABU, 9440483373

Please rate your performance in the following areas:

Rating Scale: **Letter grade of CGPA calculation to be provided**

	1	2	3	4	5
1) **Oral communication**	1	2	3	4	5
2) **Written communication**	1	2	3	4	5
3) **Initiative**	1	2	3	4	5
4) **Interaction with staff**	1	2	3	4	5
5) **Attitude**	1	2	3	4	5
6) **Dependability**	1	2	3	4	5
7) **Ability to learn**	1	2	3	4	5
8) **Planning 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**	1	2	3	4	5
12) **Productivity**	1	2	3	4	5
13) **Progress of learning**	1	2	3	4	5
14) **Adaptability to organization's culture/policies**	1	2	3	4	5
15) **OVERALL PERFORMANCE**	1	2	3	4	5

Signature of the Student

Evaluation by the Supervisor of the Intern Organisation

Student Name: & Registration No: MUTHYALA BHANU PRAKASH

Term of Internship: From: 02/05/2023   To: 25/05/2023

Date of Evaluation: 10/07/2023

Organization Name& Address: SRI VENKATESWARA ENGINEERING COLLEGE, TIRUPATI

Name & Address of the Supervisor with Mobile Number: Dr. B. SHOBAN BABU, 9440483373

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
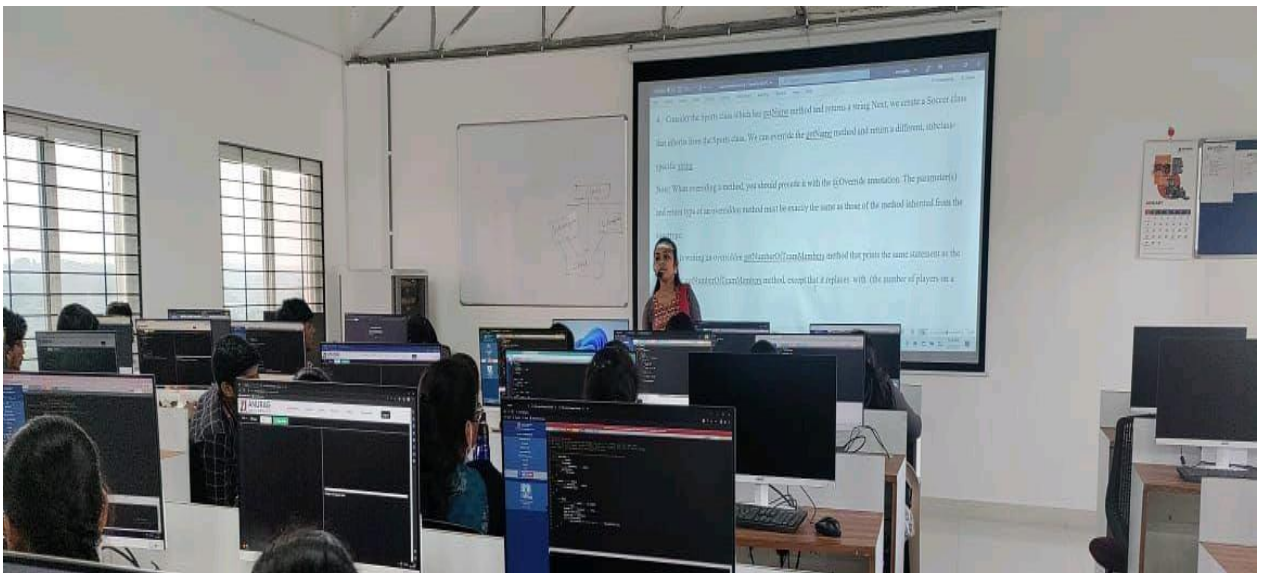
Scale: 1 is lowest and 5 is highest rank

1) **Oral communication**	1	2	3	4	5
2) **Written communication**	1	2	3	4	5
3) **Initiative**	1	2	3	4	5
4) **Interaction with staff**	1	2	3	4	5
5) **Attitude**	1	2	3	4	5
6) **Dependability**	1	2	3	4	5
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15) **OVERALL PERFORMANCE**	1	2	3	4	5

Signature of the Supervisor

SIX PHRASE
The Finishing School

CERTIFICATE
OF
INTERNSHIP

This Certificate is proudly presented to

MUTHYALA BHANU PRAKASH

In appreciation for your successful work as an intern at   SIX PHRASE

The internship was conducted between _2nd May 2023_ and 25th May 2023

3rd Jun 2023
Date

Name: Prabhu N.D.
Designation: Proprietor

Director

PHOTOS & VIDEO LINKS

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