**Automation Tools For Git Remote Operations**

**BCA(001)BACHELOR OF COMPUTER APPLICATION**

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| **SUBMITTED BY:**  Sajal Rastogi (TCA2201535) |
| Under the supervision of |

|  |  |
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| **External Guide**  Name:  Designation:  Company Name: | **Internal Guide**  Name: **Dr.Priyank Singhal**  Designation:  Department Name:FOE |

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**COMPUTING SCIENCES AND INFORMATION TECHNOLOGY**

**TEERTHANKER MAHAVEER UNIVERSITY, MORADABAD**

**STUDENT DECLARATION**

I, **Sajal Rastogi** **& TCA2201535.**, a student of **BCA (CCSIT) ,V Semester** , studying at COMPUTING SCIENCES AND INFORMATION TECHNOLOGY, Teerthanker Mahaveer University, Moradabad (UP), hereby declare that the Training Report on “Automation Tools For Git Remote Operations**”** submitted in partial fulfillment of Bachelor of Computer Application (CCSIT), is the original work conducted by me.

The information and data given in the report is authentic to the best of my knowledge.

This Training Report is not being submitted to any other University for award of any other Degree, Diploma and Fellowship.

Student Name Sajal Rastogi

Enrolment no. TCA2201535

**TRAINING CERTIFICATE**

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that this training report entitled **“Automation Tools For Git Remote Operations”** is a bonafide work done by **Sajal Rastogi (TCA2201535 ),** is a student of **CCSIT** at **Computing Sciences and Information Technology, TMU, Moradabad (UP)**. He did his industrial training at **DRDO**, during the period from12 june 2024 to 09 AUG2024 .

It is a record of his/ her own work under my supervision.

For **DRDO**

**ACKNOWLEDGEMENT**

I am thankful and greatly acknowledge the numerous personalities involved in lending their help to make my training “**Training Title**” a successful one.

First of all, I want to express my gratitude mainly to my supervisor **NAME, DESIGNATION, COMPANY NAME, CITY NAME**, who helped me from the very beginning of my training “**TRAINING TITLE**”. I was fully supported throughout the training duration with all the required data and related details to prepare this report.

I also take this opportunity to express my deep sense of gratitude to our honorable Principal **“NAME”, TMU,** for providing excellent academic climate in the college that made this endeavor possible.

I give my whole hearted admiration and deep sense of gratitude to “**NAME**”**,** HOD, “**DEPARTMENT NAME**”, TMU for his/her inspiration, valuable guidance, encouragement, suggestion and overall help throughout.

I express my sincere thanks to my Guide **“NAME”, “DESIGNATION”,** “**DEPARTMENT NAME**”, TMU, for his/her keen interest and invaluable help throughout the project.

We would like to express our sincere gratitude to our Project Coordinator **“NAME”, “DESIGNATION”,** “**DEPARTMENT NAME**”, TMU, for his/her kind support and encouragement throughout this course of work.

Finally, I express my gratitude to all the Teaching and Non-Teaching staff of “**DEPARTMENT NAME**”, TMU for their timely support and suggestions.

Date:

Signature

(Student Name)

Enrolment no.

**ABSTRACT**

*(Guidelines: Approx. 200 words giving overview of the Project)*

*Font: Calibri; Font Size: 12, Color Black*

**Definitions, Acronyms, and Abbreviations**

*<Guidelines: Provide the definitions of all terms, acronyms, and abbreviations required to properly interpret the SRS. This information may be provided by reference to one or more appendices in the SRS or by reference to documents. This information may be provided by reference to an Annexure >*

| **Abbreviation** | **Description** |
| --- | --- |
|  |  |
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<*Guidelines: Use References->Insert Caption->Choose Figure or Table appropriately then click on “OK”. This creates Label. Write the Figure or Table description at this “ Label” & then colon as shown in example. Update appropriately List of Figures & List of Table, by right click on the selection and choose “Update Field”.>*

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# Project Introduction

*<Guidelines: This Section should describe the Introduction, related standards, related challenges, if any etc. Project word used here can be co-related with word “Training”>*

*Font: Calibri; Font Size: 12, Color Black*

## Background of the Project

## Training/ Project Objective

*<Guidelines: This Section should describe what we want to achieve. >*

## Expected Outcome from this Project/ Training

*<Guidelines: Must mention Advantages, why want to take this as Project/ training project>*

## Scope of Study

*<Guidelines: Scope of the Work/project/ training should be described here>*

## Tools & Technology Used

# Project Description

*<****Guidelines****: Describe the overall in-depth information about the project. This chapter also involves the basic theoretical information about each and every component & aspect of the project, such as*[*circuit design*](https://www.elprocus.com/types-circuit-boards/)*, simulation implementation and modeling, software implementation, statistical analysis and calculations done, results gained, and so on (as applicable in Core Engineering stream).*

*The appropriate information should always be accompanied with pictorial representations, tabular demonstrations, diagrams, flow charts, assembled views, visible graphs, Images, photos, any other representations and depictions of the project, along with simulation results with good resolution and clarity.*

*If required, Level 2 headings can be added/dropped as appropriate to the Project of specific Core Engineering (Electrical, Mechanical, Civil, Electronics etc.) >*

## Introduction & Working Principle

*<****Guidelines****: Describe the Project Introduction & Working Principle and its various components>*

### Component 1

### Component 2

### Component n

## Design & Methodology

*<****Guidelines****: Describe the Project Design, Methodology & related constraints (if any) applicable to the project undertaken. If required Level 3 sub-sections can be dropped if not applicable to respective Core Engineering branch.>*

### Flow Chart

### Block Diagram/ Machine Diagram

### Design Calculation

Table 1: TEST TABLE

Figure 1: TEST FIGURE

### Constraints, if any

## Working of Project

*<****Guidelines****: Describe details with help of various diagrams required for working of the Project.>*

### Circuit Diagram/ Assembled View

### Hardware Description (if any)

### Software Programming (if any)

### Assumptions, if any

*<Guidelines: Mention NONE, if there are NO Assumptions>*

## Snapshots (if any)

# Training Module

# Results & Findings

## Results

## Observations

## Safety Instructions (if any)

## Assumptions (if any)

## Learning after Training

# Suggestions & Recommendations

# Conclusion

*<Guidelines: Conclusion should include a summary of your main arguments, drawing together the various themes and issues so that they can be brought to bear on the defined objectives of the Training / Project. Your Recommendations should be feasible, practical and must place your conclusions within a concrete and practical framework. You need to consider your recommendations in the context of their possible human, financial, political, managerial, etc, implications. Your recommendations should be justified.>*

# References

*<Guidelines: Mention details, like:*

1. *Provide a complete list of all documents/ Journal/ Research Paper referenced for Project*
2. *Mention Title, ID (if applicable), date, and publishing organization*
3. *Specify the sources from which the references is obtained.*

# Appendix (if any)

# Annexure (if any)

*<Guidelines: Data Sheets, Drawings (Mechanical, Electrical, Civil, Electronic Circuits), Awards / Certificates etc.>*