



**MVPS's
RAJARSHI SHAHU MAHARAJ POLYTECHNIC,
NASHIK.**

DEPARTMENT OF COMPUTER TECHNOLOGY.

ACADEMIC YEAR 2021-22

OPERATING SYSTEM (22516)

**MICRO-PROJECT
ON**

“Prepare Help Guide Using Shell Script for All Major Linux Commands”

SUBMITTED BY

SR. NO	ENROLLMENT NO	EXAM SEAT NO	STUDENT NAME
1	1910020362		Savant Omkar Vitthal
2	1910020363		Sawant Diksha Pravin
3	1910020364		Shimpi Om Vilas



MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION

CERTIFICATE

This is to certify that Ms./Mr. Savant Omkar Vitthal

Roll No. 46 of 5th semester of Diploma in Computer Technology of

Institute MVPS's Rajarshi Shahu Maharaj Polytechnic, Nashik (Code: 1002)

has successfully completed micro-project in OPERATING SYSTEM (22516)

for academic year 2021-22 as prescribed in curriculum of MSBTE, Mumbai.

Place: Nashik

Enrollment No.: 1910020362

Date:

Exam Seat No.:

Mr. R. S. Derle
Course Teacher/Guide

Mr. P. D. Boraste
H.O.D

Prof. Dr. D. B. Uphade
Principal





**MVPS's RAJARSHI SHAHU MAHARAJ
POLYTECHNIC, NASIK**
Institute Code: 1002
COMPUTER TECHNOLOGY DEPARTMENT
Log Book for Micro Project

Academic Year : 2021-22

Semester : V

Name of Course : Operating System (OSY)

Scheme: I

Class: TYCM

Course Code: 22516

Title of the project: Prepare Help Guide Using Shell Script for All Major Linux Commands

Group Members:

Sr. No.	Roll No.	Enrollment Number	Exam Seat No.	Name of the Student	Signature of student
1	46	1910020362		Savant Omkar Vitthal	
2	47	1910020363		Sawant Diksha Pravin	
3	48	1910020364		Shimpi Om Vilas	

Project Reporting:

Sr. No.	Date	Discussion & details	Group members present	Teacher's comment/remark	Signature of teacher
1		Formation of groups			
2		Discussion on concept of Micro Project			
3		Topic selection for the Micro Project			
4		Preliminary discussion with guide			
5		Submission of Micro Project proposal			
6		Information Gathered			
7		Literature survey (Introduction)			
8		Discussion with guide			
9		Design of GUI and output			
10		Code generation of modules			
11		Error Evaluation			
12		Merging of all individual modules into one single module			
13		Draft copy of report.			
14		Final report writing			
15		Presentation & oral			
16		Final submission			



**MVPS's RAJARSHI SHAHU MAHARAJ
POLYTECHNIC, NASIK**
Institute Code: 1002
COMPUTER TECHNOLOGY DEPARTMENT

Rubrics for Evaluation of Micro Project

Academic Year: 2021-22

Semester: V

Name of Course: Operating System (OSY)

Scheme: I

Class: TYCM

Course Code: 22516

Group Members:

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Sr. No.	Criteria	Indicators of different levels of performance					Marks obtained
		Poor (01)	Satisfactory (02)	Good (03)	Very Good (04)	Excellent (05)	
1	Selection Of Application (Programming Elements)						
2	Concept/ Content/ Function Descriptions						
3	Coding						
4	Error solving						
5	Timely Submission						
Total marks Out of 25							
Marks Out of 6							

Mr. R. S. Derle
Name & Signature of Course Teacher/Guide



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POLYTECHNIC, NASIK**
Institute Code: 1002
COMPUTER TECHNOLOGY DEPARTMENT
ANNEXTURE II

Academic Year: 2021-22

Name of Faculty: Mr. R. S. Derle

Course: Operating System (OSY)

Course code: 22516 Semester: V

Title of the project: Prepare Help Guide Using Shell Script for All Major Linux Commands

COs addressed by the Micro Project:

CO-516.1 Install Operating System and configure it

CO-516.2 Use Operating system tools to perform various functions

CO-516.3 Execute process commands for performing process management operations

CO-516.4 Apply scheduling algorithms to calculate turnaround time and average waiting time

CO-516.5 Calculate efficiency of different memory management Techniques

CO-516.6 Apply File management techniques.

Major learning Outcomes achieved by students by doing the Project:

a) Practical Outcomes

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b) Unit outcomes in cognitive domain

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c) Outcomes in affective domain

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Comment/Suggestions about team work/leadership/inter-personal communication (if any)

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Roll. No.	Enrollment No.	Exam Seat No.	Student Name	Marks out of 6 for performance in group activity	Marks out of 4 for performance oral/ presentation	Total out of 10
46	1910020362		Savant Omkar Vitthal			
47	1910020363		Sawant Diksha Pravin			
48	1910020364		Shimpi Om Vilas			

Mr. R. S. Derle
Course Teacher/Guide

Mr. P. D. Boraste
H.O.D