



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

DEPARTMENT OF COMPUTER TECHNOLOGY.

ACADEMIC YEAR 2020-21

OBJECT ORIENTED PROGRAMMING (22316)

**MICRO-PROJECT
ON**

“ Develop Hospital Management Application”

SUBMITTED BY

SR. NO	ENROLLMENT NO	EXAM SEAT NO	STUDENT NAME
1	1910020362	240630	Savant Omkar Vitthal
2	1910020360	240628	Raut Atharva Satish
3	1610020163	240586	Wani Pushpak Shrikant



MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION

CERTIFICATE

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

Roll No. 45 of 3rd semester of Diploma in Computer Technology of
Institute MVPS's Rajarshi Shahu Maharaj Polytechnic, Nasik (Code: 1002)
has successfully completed micro-project in OBJECT ORIENTED
PROGRAMMING(22316) for academic year 2020-21 as prescribed in
curriculum of MSBTE, Mumbai.

Place: Nashik

Enrollment no.: 1910020362

Date:.....

Exam seat no: 240630

Mrs.S.V.Sarode
Course Teacher/Guide

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

Prof. Dr. D. B. Uphade
Principal

Seal of
institute



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

Academic Year : 2020-21

Semester : III

Name of Course : Object Oriented Programming (OOP)

Scheme: I

Class: SYCM

Course Code: 22316

Title of the project: Develop Hospital Management Application

Group Members:

Sr. No.	Roll No.	Enrollment Number	Exam Seat No.	Name of the Student	Signature of student
1	45	1910020362	240630	Savant Omkar Vitthal	
2	43	1910020360	240628	Raut Atharva Satish	
3	1	1610020163	240586	Wani Pushpak Shrikant	

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
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Rubrics for Evaluation of Micro Project

Academic Year: 2020-21

Scheme: I

Semester: III

Class: SYCM

Name of Course: Object Oriented Programming (OOP)

Course Code: 22316

Group Members:

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1	45	1910020362	240630	Savant Omkar Vitthal	
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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							

Mrs. S.V.Sarode
Name & Signature of Course Teacher/Guide



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Institute Code: 1002

**COMPUTER TECHNOLOGY DEPARTMENT
ANNEXTURE II**

Academic Year: 2020-21

Name of Faculty: Mrs. S.V.Sarode

Course: Object Oriented Programming (OOP)

Course code: 22319

Semester: III

Title of the project: Develop Hospital Management Application

COs addressed by the Micro Project:

CO-316.1 Develop C++ program to solve problem using Procedure Oriented Approach.

CO-316.2 Develop C++ program using classes and objects

CO-316.3 Implement Inheritance in C++ program.

CO-316.4 Use Polymorphism in C++ program.

CO-316.5 Develop C++ program to perform file operations

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
45	1910020362	240630	Savant Omkar Vitthal			
43	1910020360	240628	Raut Atharva Satish			
1	1610020163	240586	Wani Pushpak Shrikant			

**Mrs. S.V. Sarode
Course Teacher/Guide**

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