A LABORATORY MANUAL FOR

**Object Oriented Programming**

(6238)

EVEN SEMESTER – II

**DIPLOMA PROGRAMME IN INFORMATION / COMPUTER TECHNOLOGY**



**GOVERNMENT POLYTECHNIC, NASHIK**

**(An Autonomous Institute of Govt. Of Maharashtra )**



GOVERNMENT POLYTECHNIC NASHIK

**CERTIFICATE**

This is to certify that Mr./Ms.................................................................................................................

Roll No.........................of Second Semester of Diploma in.............................................................................................................. has completed the term work satisfactorily in subject **Object Oriented Programming(6238)** for the academic year 20.....to 20........ as prescribed in the curriculum.

Date: ................................. Exam . Seat No.............................

Sign:

Name:

**Subject Teacher Head of Department Principal**

**INDEX**

Academic year:………………… Name Of faculty:…………………………………

Programme:…………………………………………… Course & Code:………………………………….

Name Of Candidate:………………………………………………………………………………………….

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| **Sr.No** | **Title of the Practical** | **Page no.** | **Date of performance** | **Date of submission** | **Marks** | **Sign. Of Teacher** |
| 1 | Program to input and output data. |  |  |  |  |  |
| 2 | Program to create object of a class. |  |  |  |  |  |
| 3 | Program to create array of object. |  |  |  |  |  |
| 4 | Program to access static member variables |  |  |  |  |  |
| 5 | Program using object as function arguments using friend function. |  |  |  |  |  |
| 6 | Program to define using constructor and destructor |  |  |  |  |  |
| 7 | Program using Types of inheritance and virtual base class. |  |  |  |  |  |
| 8 | Program to overload unary and binary operator. |  |  |  |  |  |
| 9 | Program to overload function. |  |  |  |  |  |
| 10 | Program for runtime polymorphism. |  |  |  |  |  |
| 11  12  13 | Program for this pointer  Program for file processing.  Program on templates. |  |  |  |  |  |
|  | | | | Total |  |  |
| Average |  |

Name & Signature of student Name & Signature of faculty