

**K. D. K. COLLEGE OF ENGINEERING, NAGPUR**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**

**B. E. FOURTH SEMESTER**

**BEIT405P: OBJECT ORIENTED METHODOLOGY**

**LIST OF EXPERIMENTS**

1. INTRODUCTION TO OOP & WRITE A PROGRAM TO FIND FIBONOSIS SERIES.
2. WRITE A PROGRAM TO DEMONSTRATE THE CONCEPT OF CLASS AND OBJECT .
3. WRITE A PROGRAM IN C++ TO DEMONSTRATE THE CONSTRUCTOR AND DESTRUCTOR.
4. WRITE A PROGRAM TO CALCULATE VOLUME OF CUBE & CYLINDER USING FUNCTION OVERLOADING.
5. WRITE A PROGRAM TO IMPLEMENT THE OPERATOR OVERLOADING. OVERLOAD '+' OPERATOR SO THAT TWO STRING CAN BE CONCATENATED E.G. "ABC"+"XYZ" THEN OUTPUT WILL "ABCXYZ".
6. WRITE A PROGRAM FOR MULTIPLE INHERITANCE.
7. WRITE A PROGRAM FOR MULTILEVEL INHERITANCE.
8. WRITE A PROGRAM TO DEFINE A FRIEND FUNCTION ADD () WHICH ADDS TO COMPLEX NUMBER AND DISPLAY THE RESULTANT COMPLEX NO.
9. WRITE A PROGRAM TO IMPLEMENT THE CONCEPT OF "THIS" POINTER.
10. WRITE A PROGRAM TO STORE THE INFORMATION OF COUNTRY AND THEIR CAPITAL IN A FILE"INFO.CPP".