

**DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY,
LONERE-RAIGAD
Department of Computer Engineering**

**B.Tech. Second Year A.Y.-2022-2023
Semester: - IV (EVEN) Subject: - Python Programming Laboratory
Subject Code: - BTCOL406
Subject Co-ordinator: - Ms. Manjushree Laddha
Laboratory Name: - B2**

List of Experiments:

1. Program to calculate area of triangle, rectangle, circle
2. Program to find the union of two lists.
3. Program to find the intersection of two lists.
4. Program to remove the “i” th occurrence of the given word in a list where words repeat.
5. Program to count the occurrences of each word in a given string sentence.
6. Program to check if a substring is present in a given string.
7. Program to map two lists into a dictionary.
8. Program to count the frequency of words appearing in a string using a dictionary.
9. Program to create a dictionary with key as first character and value as words starting with that character.
10. Program to find the length of a list using recursion.
11. Compute the diameter, circumference, and volume of a sphere using class
12. Program to read a file and capitalize the first letter of every word in the file.