



**Vidya Vikas Education Trust's
Universal College of Engineering, Kaman Road,
Vasai-401212 Accredited by B+ Grade by NAAC**

LAB MANUAL

Mobile Computing Lab CSL603

Name: Nitesh vinod yadav

Class: TE Computer Engineering

Semester: VI

Roll No:135

Batch:B3

DEPARTMENT OF COMPUTER ENGINEERING

Academic Year: 2022-23



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CSL603

Mobile Computing Lab

Lab Objective:

After successful completion of this course student will be able to:

- 1 To learn the mobile computing tools and software for implementation.
- 2 To understand the security algorithms in mobile networks
- 3 To learn security concepts

Description:

Design and implementation of any case study/ applications /experiments / mini project based on departmental level courses using modern tools.

Term work:

The distribution of marks for term work shall be as follows:

Lab/ Experimental Work: 15

Report/ Documentation: 05

Attendance (Theory & Practical):

05

Lab Outcome

At the end of the course, the students will be able to	
1	Develop and demonstrate mobile applications using various tools
2	Articulate the knowledge of GSM, CDMA & Bluetooth technologies and demonstrate it.
3	Students will able to carry out simulation of frequency reuse, hidden/exposed terminal problem
4	Implement security algorithms for mobile communication network
5	Demonstrate simulation and compare the performance of Wireless



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Description: The software like Android Studio, J2ME, NS2, NS3 and any other software which is suitable are recommended for performing the practical.

CERTIFICATE

This is to certify that Mr. /
Ms. _____ Roll No. _____
of VI semester has satisfactory completed the course experiments in the
practical prescribed by University of Mumbai, course in the
.....laboratory in the year 2022 to 2023
as per the prescribed curriculum.



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Sign of Internal

Sign of HoD

INDEX

Sr. No.	Name of the Experiment	Date of performance	Date of Submission	Sign
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
A1				



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A2				
A3				