



Parul University



**FACULTY OF ENGINEERING AND TECHNOLOGY BACHELOR
OF TECHNOLOGY**

**PYTHONFULLSTACKDEVELOPMENT
(303105258)**

IV SEMESTER 2023-2024

Computer Science & Engineering Department

Laboratory Manual Academic Year
2023-2024



CERTIFICATE

This is to certify that

Mr./Ms.....

..... with enrolment no.

has successfully completed his/her laboratory experiments in the **PYTHON
FULL STACK DEVELOPMENT (303105258)** from the department of
COMPUTER SCIENCE & ENGINEERING during the
academic year 2023-2024.



Date of Submission:

Staff In charge:

Head Of Department:

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Sr. No	Experiment Title	Page No		Date of Performance	Date of Submission	Sign	Marks (out of 10)
		From	To				
1.	A program that models a bank account, with classes for the account, the customer, and the bank.						
2.	A program that simulates a school management system, with classes for the students, the teachers, and the courses.						
3.	A program that reads a text file and counts the number of words in it.						
4.	A program that reads a CSV file and calculates the average of the values in a specified column.						
5.	A program that reads an Excel file and prints the data in a tabular format.						