



Xavier Institute of Engineering

Mahim, Mumbai 400016

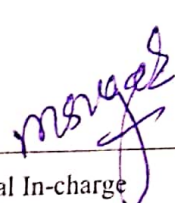
Department of Information Technology

(Affiliated to University of Mumbai)

Certificate

This is to certify that Mr. Soham Abhay Desai of Second Year Semester IV of Information Technology

Engineering having Roll No. 11 has performed the experiments during academic year 2021-22.


Practical In-charge

Head of the department

Examiner

Principal

Date: 25-04-2022



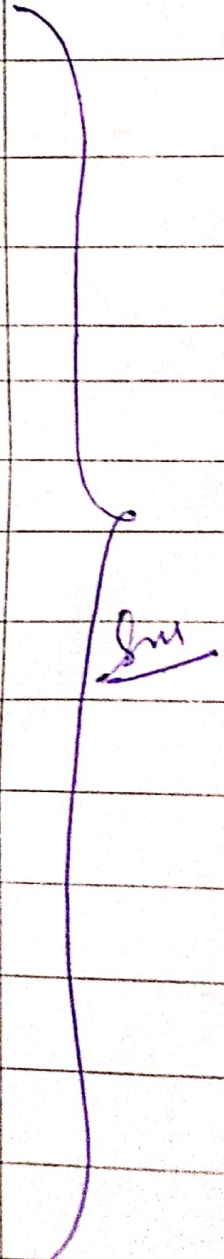
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Index of Experiments for Microprocessor Lab for the Academic Year 2021-22

Sr. No.	Title of the Experiment	Date	Remarks
1	Study of PC Motherboard Technology, (South Bridge and North Bridge), various connections and ports used in computer Communication	11/01/22	
2	Verify the truth table of various logic gates (basic and universal gates)	18/1/22	
3	Realize Half adder and Full adder	25/01/22	
4	Implementation of MUX and DeMUX	02/02/22	
5	Program for 16 bit BCD addition	09/03/22	
6	Program to evaluate given logical expression.	21/03/22	
7	Program to move set of numbers from one memory block to another.	16/03/22	
8	Program to count number of 1's and 0's in a given 8 bit number	30/03/22	
9	Program to search for a given number	30/03/22	
10	Check whether a given string is a palindrome or not.	06/04/22	
11	Compute the factorial of a positive integer 'n' using recursive procedure	30/03/22	
12	Interfacing Seven Segment Display	21/04/21	
	Assignments		
1	Assignment-I	28/03/22	
2	Assignment-II	22/04/22	

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Study of Flip-Flop

20/04/22