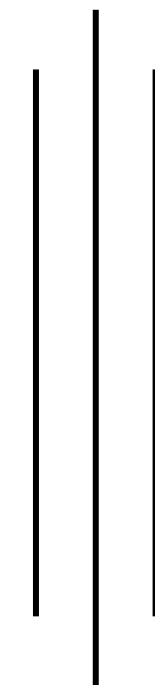# SAGARMATHA ENGINEERING COLEGE

(TU Affiliated)

Sanepa, Lalitpur

LAB NO: 10

A LAB REPORT ON

MISCELLANEOUS PROBLEMS FROM PAST IOE EXAMS IN 8086 PROGRAMMING.

Submitted By

Name: ………………………….

Faculty/Year: ……………...……

Roll No.: ………………….

Date: …………………………….

Submitted To

Department of Electronics and Computer Engineering

Signature: ……………………...

Date: ………………………...

<div align="center">

Sagarmatha Engineering College

Sanepa, Lalitpur

</div>

MICROPROCESSOR LAB-10

TITLE

MISCELLANEOUS PROBLEMS FROM PAST IOE EXAMS IN 8086 PROGRAMMING.

Objective

- ✓ To be able to develop various programming logics.
- ✓ To be able to solve problems asked in final examination.

Hardware/Software Required

- ▪ Emu8086 emulator

Problems

Q1. WAP to read a string from the user and display the string character wise (*one character at a time in loop*).

Q2. WAP to read a string from the user, convert it to uppercase, count the number of words and display each word in each line. [**2070 *Bhadra***]

Q3. Write an ALP in 8086 to read a word and display all the alphabets in alternate case (first alphabet in lower case, second in upper case, third in lower case and soon) in a clear window. [*2075 Baisakh]*

Q4. Write an assembly program to read a string from the user and display vowels and consonants separately. [*2072 Ashwin]*

Result

Hence, All the given instructions are executed and the result is verified.