

BHAGWAN MAHAVIR COLLEGE OF ENGG. & TECH. SURAT

**EC DEPARTMENT
ACADEMIC YEAR 2016-17
B.E. 6th SEMESTER**

**SUBJECT: ADVANCED MICROPROCESSOR
SUBJECT CODE: 2161102**

ASSIGNMENT: 4

SUBMISSION DATE: 24TH MARCH 2017

1	Write a note on Fast Context Switch Extension of MMU.
2	List the properties of Thumb Instruction Set. Write a note on Thumb Implementation.
3	How Virtual Memory works? Also Explain the components of Virtual Memory System.
4	Write a C program to generate saw tooth waveform at the output of DAC.
5	Write an ALP to find the factorial of a given number.
6	Write an ALP to find the larger of the two 32 bit numbers.
7	Write a C program to demonstrate various numbers on 7 segment display.