

BHAGWAN MAHAVIR COLLEGE OF ENGG. & TECH. SURAT

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

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

ASSIGNMENT: 2

SUBMISSION DATE: 15TH FEB 2017

1	What is CPSR? Draw an approximate format of SPSR register.
2	Explain ARM processor mode
3	Describe the principle features of ARM Architecture
4	Explain rotate and barrel shifter instruction
5	Draw and explain 3 stage pipeline Architecture of ARM Processor
6	Write a short note on Binary operators in C language
7	What is exception? List its types with examples. Also explain process of Exception entry & Exception return.