



IMS Engineering College, Ghaziabad

Department of Computer Science and Engineering

Subject Name: Sensor & Instrumentation	Subject Code	KOE-044
Date of Handover:	Max Marks	1.5
Date of Submission:		

ASSIGNMENT NO.-5

Q.no	Question	Mapped CO
a.	Describe in details the Sigma Delta method of analog to digital conversion.	CO4
b.	List the different types of DAC. Explain the working of the weighted resistor type DACs with suitable block diagram.	CO4
c.	What is the main disadvantage of weighted resistor DAC? How to overcome this problem?	CO4
d.	What is the use of data sockets for networked communication?	CO4
e.	What do you mean by Counters & Timers? Explain different types of counters.	CO4