



IMS Engineering College, Ghaziabad

Department of Computer Science and Engineering

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

ASSIGNMENT NO.-7

| Q.no | Question | Mapped CO |
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| a. | Explain the virtual instrumentation system with the help of block diagram. Give the advantages of virtual instrumentation. | CO3 |
| b. | Differentiate between virtual instrumentation and traditional instrumentation. | CO3 |
| c. | Explain the feature of Lab View and how it can be used to measure the input signal? | CO3 |
| d. | Explain data types and its importance of their colors in Lab VIEW programs with example. | CO3 |
| e. | Write an example of While & for in graphical programming techniques. | CO3 |
| f. | Distinguish graphs and charts. | CO3 |
| g. | How are the individual elements of a multidimensional array accessed and processed? | CO3 |
| h. | What are the different types of structures used in Lab VIEW? | CO3 |