

# 1.1 INTRODUCTION TO **INSTRUMENTATION**

## Definition of Instrumentation?

**Instrumentation** is the branch of science that deals with measurement and control in order to increase efficiency and safety in the workplace.

## The steps involved in Instrumentation?

Desired state can be achieved using Instrumentation by following the steps like:

Monitoring, Recording and Controlling.

## Applications of Instrumentation:

- Automobiles & Consumer market
- Laboratory Test & Scientific studies
- Medical & Biological systems
- General Industrial applications
- Environmental Engineering
- Military & Aerospace systems
- Data Communication, and
- Weather data measurements

# Introduction To Instrumentation And Measurements

**R Sandford**



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