

| <b>Department of ME</b>                          |  |
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| <b>B.Tech - II-Year</b>                          |  |
| <b>CO</b>  | <b>Subject Name -CO Statements</b>   |
| <b>C214: Instrumentation and Control Systems</b> |  |
| <b>CO#</b>                                       | <b># Student will be able to</b>   |
| <b>C214.1</b>                                    | Student will be able to Understand the basic principles and performance characteristics of measurement.  |
| <b>C214.2</b>                                    | Student will be able to Apply the basic principles, working, advantages, disadvantages and applications of measuring instruments for displacement, temperature and pressure.               |
| <b>C214.3</b>                                    | Student will be able to Comprehend the basic principles, working, advantages, disadvantages and applications of measuring instruments for level, flow, speed, acceleration and vibration.  |
| <b>C214.4</b>                                    | Student will be able to Visualize the basic principles, working, advantages, disadvantages and applications of measuring instruments for stress strain, humidity, force, torque and power. |
| <b>C214.5</b>                                    | Student will be able to Understand the basic principles, working, advantages, disadvantages and applications of various control systems.   |
| <b>C214.6</b>                                    | Student will be able to Apply the elements of control systems and servo mechanisms and comprehend the applications of various measuring instruments.                                       |