




RajaRajeswari College of Engineering



(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)

#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru - 560074

Department of Mechanical Engineering

Laboratory Name	:	Metrology & Measurements and Lab																																																								
Room No./Hall No.	:	LG06																																																								
Area	:	72 m ²																																																								
Link to geo tagged photos	:	<div></div>																																																								
Photos	:																																																									
List of Equipment's	:	<table><tr><th>Sl. No.</th><th>Name of The Equipment</th><th>Qty.</th></tr><tr><td>1</td><td>Thermocouple with bridge circuit</td><td>01</td></tr><tr><td>2</td><td>Thermometer with 1° c resolution</td><td>01</td></tr><tr><td>3</td><td>Strain gage bonded load cell</td><td>01</td></tr><tr><td>4</td><td>Strain gage bonded load cell Tension type</td><td>01</td></tr><tr><td>5</td><td>Mechanical comparator with dial indicator</td><td>01</td></tr><tr><td>6</td><td>Bevel Protractor</td><td>01</td></tr><tr><td>7</td><td>Micrometer (25-50)</td><td>02</td></tr><tr><td>8</td><td>Slip Gauges (83 pieces)</td><td>01</td></tr><tr><td>9</td><td>Vernier Caliper 0 to 200 mm</td><td>01</td></tr><tr><td>10</td><td>Adjustable Snap Gauge (25 to 32 & 44 to 51mm)</td><td>02</td></tr><tr><td>11</td><td>Sine bar</td><td>01</td></tr><tr><td>12</td><td>Magnetic base</td><td>02</td></tr><tr><td>13</td><td>Strain gauge cantilever</td><td>01</td></tr><tr><td>14</td><td>Dial gauge 0.01</td><td>01</td></tr><tr><td>15</td><td>Surface plate</td><td>02</td></tr><tr><td>16</td><td>Tool Maker's Microscope</td><td>01</td></tr><tr><td>17</td><td>Lathe Tool Dynamometer</td><td>01</td></tr></table>			Sl. No.	Name of The Equipment	Qty.	1	Thermocouple with bridge circuit	01	2	Thermometer with 1° c resolution	01	3	Strain gage bonded load cell	01	4	Strain gage bonded load cell Tension type	01	5	Mechanical comparator with dial indicator	01	6	Bevel Protractor	01	7	Micrometer (25-50)	02	8	Slip Gauges (83 pieces)	01	9	Vernier Caliper 0 to 200 mm	01	10	Adjustable Snap Gauge (25 to 32 & 44 to 51mm)	02	11	Sine bar	01	12	Magnetic base	02	13	Strain gauge cantilever	01	14	Dial gauge 0.01	01	15	Surface plate	02	16	Tool Maker's Microscope	01	17	Lathe Tool Dynamometer	01
Sl. No.	Name of The Equipment	Qty.																																																								
1	Thermocouple with bridge circuit	01																																																								
2	Thermometer with 1° c resolution	01																																																								
3	Strain gage bonded load cell	01																																																								
4	Strain gage bonded load cell Tension type	01																																																								
5	Mechanical comparator with dial indicator	01																																																								
6	Bevel Protractor	01																																																								
7	Micrometer (25-50)	02																																																								
8	Slip Gauges (83 pieces)	01																																																								
9	Vernier Caliper 0 to 200 mm	01																																																								
10	Adjustable Snap Gauge (25 to 32 & 44 to 51mm)	02																																																								
11	Sine bar	01																																																								
12	Magnetic base	02																																																								
13	Strain gauge cantilever	01																																																								
14	Dial gauge 0.01	01																																																								
15	Surface plate	02																																																								
16	Tool Maker's Microscope	01																																																								
17	Lathe Tool Dynamometer	01																																																								



RajaRajeswari College of Engineering



(Approved by AICTE, New Delhi, Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi)

#14, Ramohalli Cross, Kumbalgodu, Mysore Road, Bengaluru - 560074

Department of Mechanical Engineering

		18	Drill Tool Dynamometer	01	
		19	Floating carriage Micro meter (2 /3 wire method)	01	
		20	Profile projector	01	
		21	Portable surface roughness (Tally surf)	01	
		22	Auto Coli meter	01	
		23	Optical flat	01	
		24	Monochromatic Light Source	01	


Professor & Head
Dept. of Mechanical Engineering
RAJARAJESWARI COLLEGE OF
ENGINEERING
Kumbalgodu, Mysore Road
Bengaluru - 560074