



**DEPARTMENT OF MECHANICAL ENGINEERING**

**Metrology and Measurements Laboratory**

**Virtual Lab Link:**

S.NO	NAME OF THE EQUIPMENT	Hyper Link
1	Micrometer	<a href="https://www.youtube.com/watch?v=phFRSS7mH9Y">https://www.youtube.com/watch?v=phFRSS7mH9Y</a>
2	Vernier Caliper	<a href="https://www.youtube.com/watch?v=FNdkYIVJ3Vc">https://www.youtube.com/watch?v=FNdkYIVJ3Vc</a>
3	Vernier Height Gauge	<a href="https://www.youtube.com/watch?v=xNebTevkKjg">https://www.youtube.com/watch?v=xNebTevkKjg</a>
4	Vernier depth Gauge	<a href="https://www.youtube.com/watch?v=aEfe_EHLqfI">https://www.youtube.com/watch?v=aEfe_EHLqfI</a>
5	Slip Gauge Set	<a href="https://www.youtube.com/watch?v=M7w4XQJa-TY">https://www.youtube.com/watch?v=M7w4XQJa-TY</a>
6	Gear Tooth Vernier	<a href="https://www.youtube.com/watch?v=nX-vAxGBqXo">https://www.youtube.com/watch?v=nX-vAxGBqXo</a>
7	Sine Bar	<a href="https://www.youtube.com/watch?v=PO-Ab7YfBzY">https://www.youtube.com/watch?v=PO-Ab7YfBzY</a>
8	Floating Carriage Micrometer	<a href="https://www.youtube.com/watch?v=P--aDwmIfJs">https://www.youtube.com/watch?v=P--aDwmIfJs</a>
9	Profile Projector /Tool Makers Microscope	<a href="https://www.youtube.com/watch?v=x27VTXKTBNs">https://www.youtube.com/watch?v=x27VTXKTBNs</a>
10	Parallel /counter flow heat exchanger apparatus	<a href="https://www.youtube.com/watch?v=TWsRQy-j3f8">https://www.youtube.com/watch?v=TWsRQy-j3f8</a>
11	Mechanical /Electrical /Pneumatic Comparator	<a href="https://www.youtube.com/watch?v=TIYxyEPXzHY">https://www.youtube.com/watch?v=TIYxyEPXzHY</a>
12	Autocollimator	<a href="https://www.youtube.com/watch?v=pUbXhZF7a-s">https://www.youtube.com/watch?v=pUbXhZF7a-s</a>
13	Temperature Measuring Setup	<a href="https://www.youtube.com/watch?v=yVomxn6gPgs">https://www.youtube.com/watch?v=yVomxn6gPgs</a>
14	Force Measuring Setup	<a href="https://www.youtube.com/watch?v=3xB2wZTNn_I">https://www.youtube.com/watch?v=3xB2wZTNn_I</a>
15	Torque Measuring Setup	<a href="https://www.youtube.com/watch?v=LSEtHAXfWN8">https://www.youtube.com/watch?v=LSEtHAXfWN8</a>
16	Coordinate measuring machine	<a href="https://www.youtube.com/watch?v=lZaWx8-oetQ">https://www.youtube.com/watch?v=lZaWx8-oetQ</a>
17	Surface finish measuring equipment	<a href="https://www.youtube.com/watch?v=CYqQfWr2MKc">https://www.youtube.com/watch?v=CYqQfWr2MKc</a>
18	Bore gauge	<a href="https://www.youtube.com/watch?v=n572qMo3g0A">https://www.youtube.com/watch?v=n572qMo3g0A</a>
19	Telescope gauge	<a href="https://www.youtube.com/watch?v=qDNP25PtBqM">https://www.youtube.com/watch?v=qDNP25PtBqM</a>