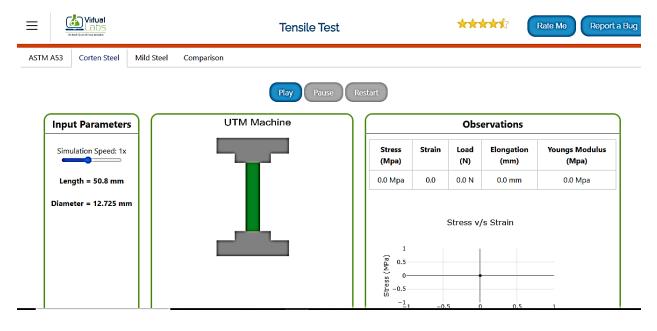


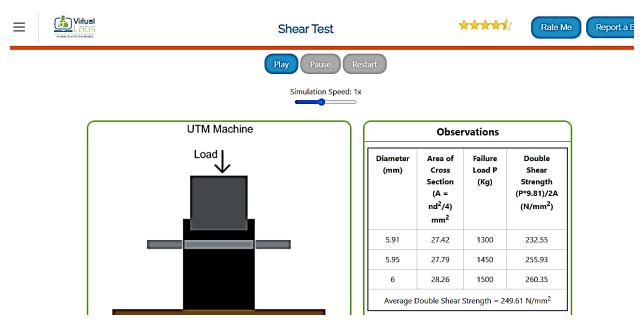
1020, DEPARTMENT OF MECHANICAL ENGINEERING

VIRTUAL LABS

NAME : STRENGTH OF MATERIAL PRACTICUM

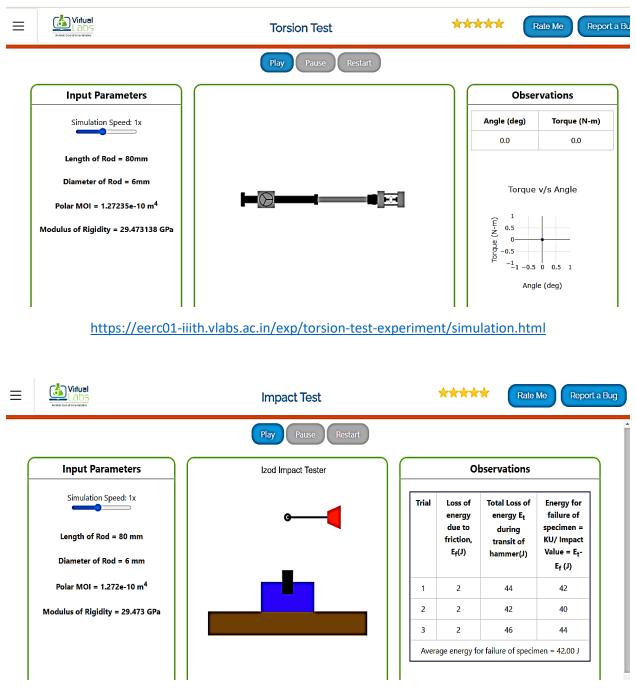


https://eerc01-iiith.vlabs.ac.in/exp/tensile-test-experiment/

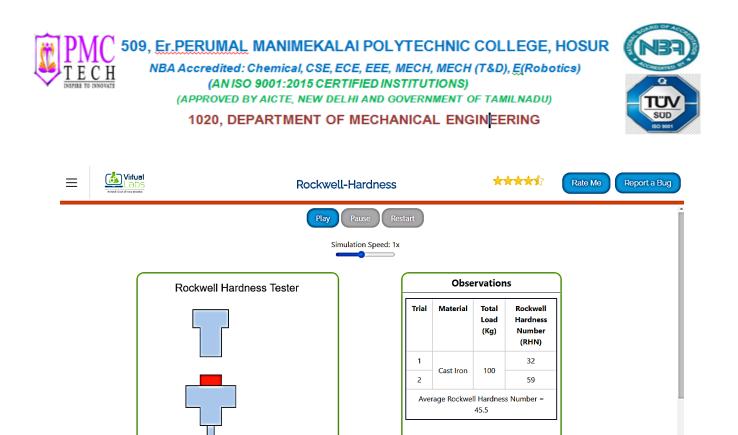




https://eerc01-iiith.vlabs.ac.in/exp/shear-test-experiment/simulation.html



https://eerc01-iiith.vlabs.ac.in/exp/impact-eest-experiment/simulation.html



. https://eerc01-iiith.vlabs.ac.in/exp/rockwell-hardness-experiment/simulation.html



509, Er.PERUMAL MANIMEKALAI POLYTECHNIC COLLEGE, HOSUR

NBA Accredited: Chemical, CSE, ECE, EEE, MECH, MECH (T&D), E(Robotics) (AN ISO 9001:2015 CERTIFIED INSTITUTIONS) (APPROVED BY AICTE, NEW DELHI AND GOVERNMENT OF TAMILNADU) 1020, DEPARTMENT OF MECHANICAL ENGINEERING



VIRTUAL LABS

SUBJECT: METROLOGY AND MEASUREMENT PRACTICUM

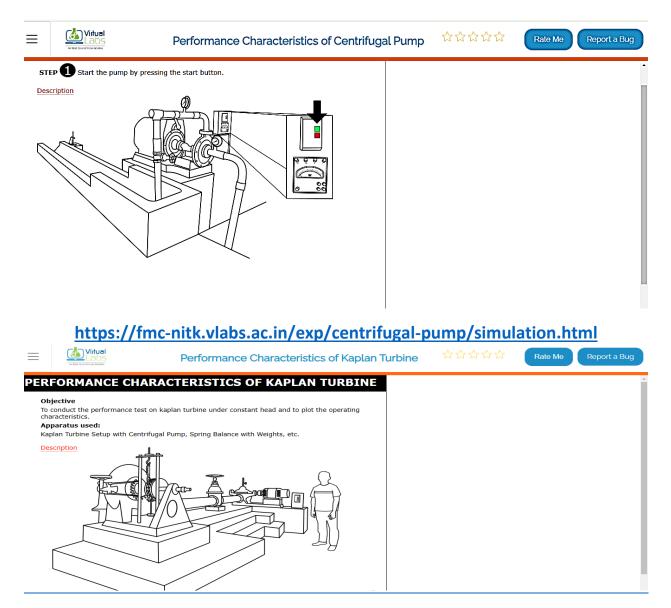
S.No.	NAME OF THE EQUIPMENT	Virtual Lab Link Hyper Link
1	Micrometer	https://www.youtube.com/watch?v=phFRSS7 mH9Y
2	Vernier Caliper	https://www.youtube.com/watch?v=FNdkYIV J3Vc
3	Vernier Height Gauge	https://www.youtube.com/watch?v=xNebTev kKjg
4	Vernier depth Gauge	https://www.youtube.com/watch?v=aEfE_EH LqfI
5	Slip Gauge Set	https://www.youtube.com/watch?v=M7w4XQ Ja-TY
6	Gear Tooth Vernier	https://www.youtube.com/watch?v=nX- vAxGBqXo
7	Sine Bar	https://www.youtube.com/watch?v=PO- Ab7YfBzY
8	Floating Carriage Micrometer	https://www.youtube.com/watch?v=P aDwmIfJs
9	Profile Projector /Tool Makers Microscope	https://www.youtube.com/watch?v=x27VTX KTBNs
10	Parallel /counter flow heat exchanger apparatus	https://www.youtube.com/watch?v=TWsRQy -j3f8
11	Mechanical /Electrical /Pneumatic Comparator	https://www.youtube.com/watch?v=TIYxyEP XzHY
12	Autocollimator	https://www.youtube.com/watch?v=pUbXhZ F7a-s
13	Temperature Measuring Setup	https://www.youtube.com/watch?v=yVomxn6 gPgs
14	Force Measuring Setup	https://www.youtube.com/watch?v=3xB2wZ TNn_I
15	Torque Measuring Setup	https://www.youtube.com/watch?v=LSEtHA XfWN8
16	Coordinate measuring machine	https://www.youtube.com/watch?v=lZaWx8- oetQ
17	Surface finish measuring equipment	https://www.youtube.com/watch?v=CYqQfW r2MKc
18	Bore gauge	https://www.youtube.com/watch?v=n572qMo 3g0A



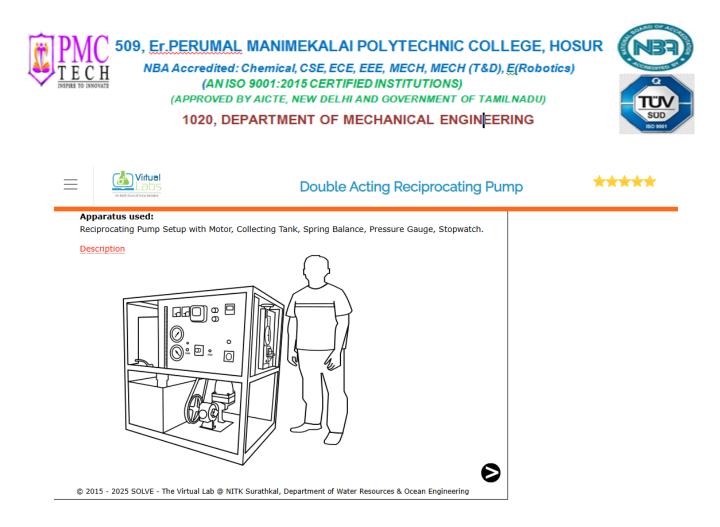
1020, DEPARTMENT OF MECHANICAL ENGINEERING

VIRTUAL LABS

SUBJECT: FLUID MECHANICS PRACTICUM



https://fmc-nitk.vlabs.ac.in/exp/kaplan-turbine/simulation.html



https://fmc-nitk.vlabs.ac.in/exp/reciprocating-pump/simulation.html