

Fluid Mechanics Lab



Thermodynamics Lab

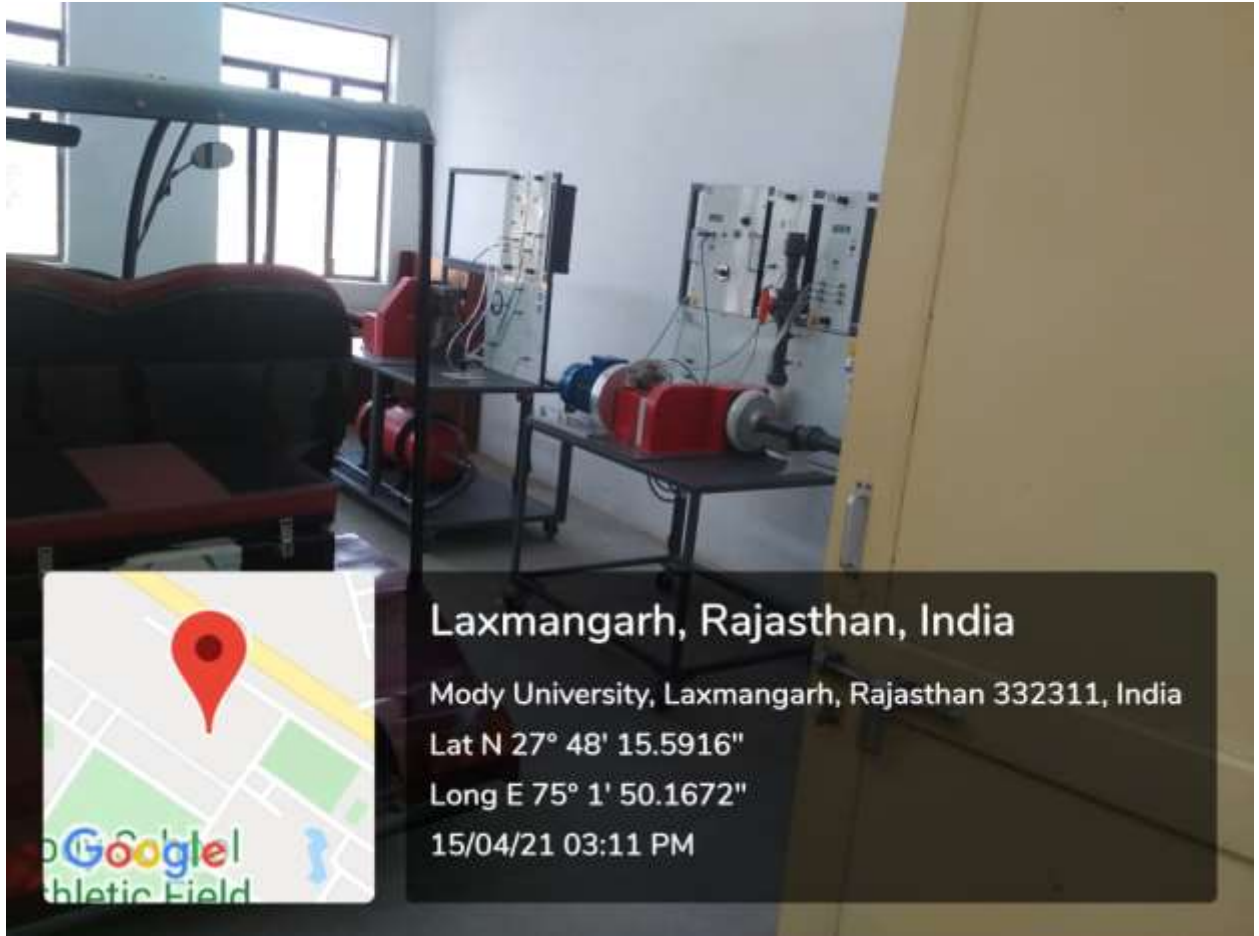


Fluid Machinery Lab



I.C. Engine Lab





Laxmangarh, Rajasthan, India

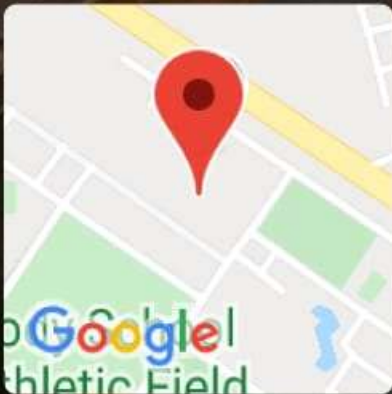
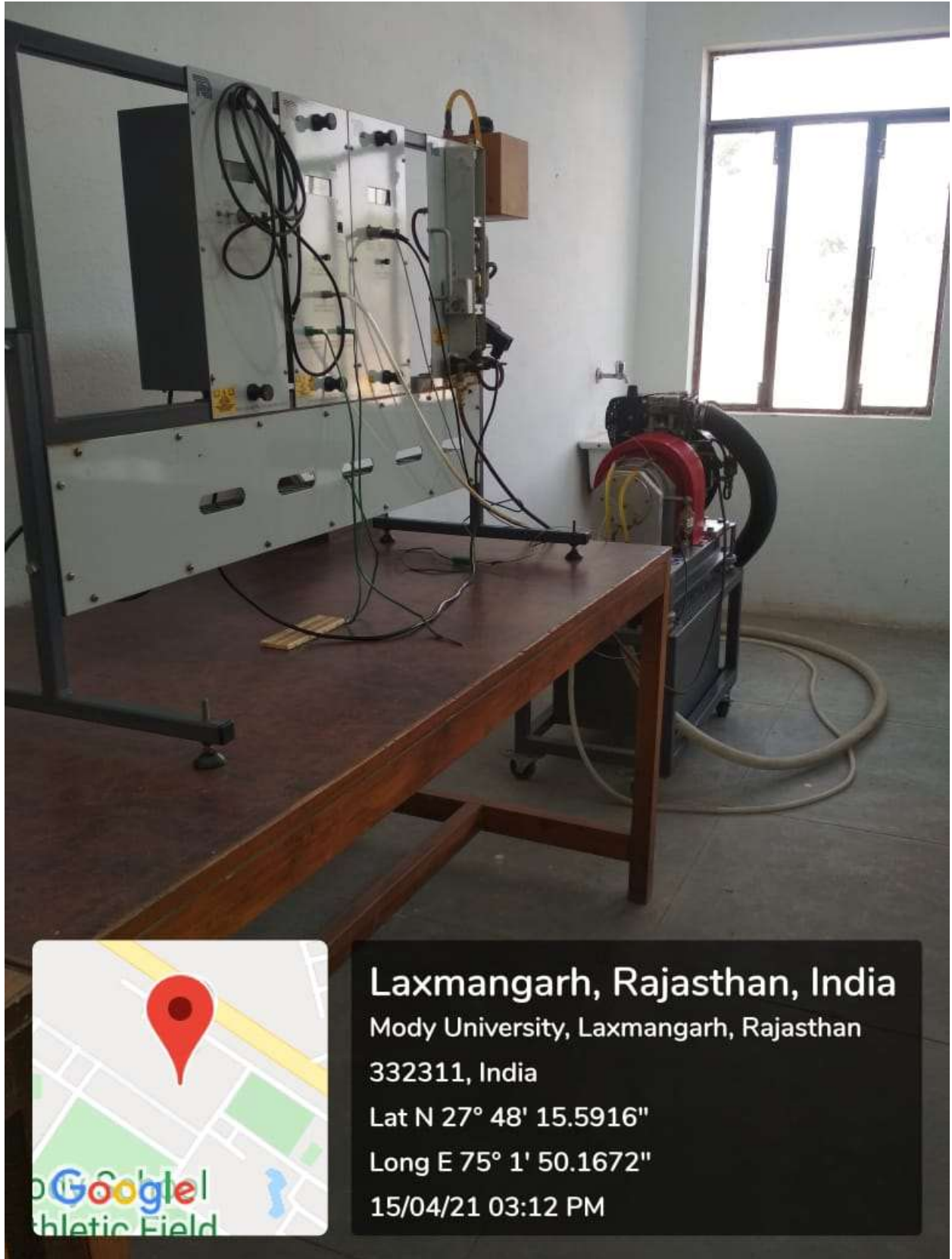
Mody University, Laxmangarh, Rajasthan 332311, India

Lat N 27° 48' 15.5916"

Long E 75° 1' 50.1672"

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Laxmangarh, Rajasthan, India

Mody University, Laxmangarh, Rajasthan

332311, India

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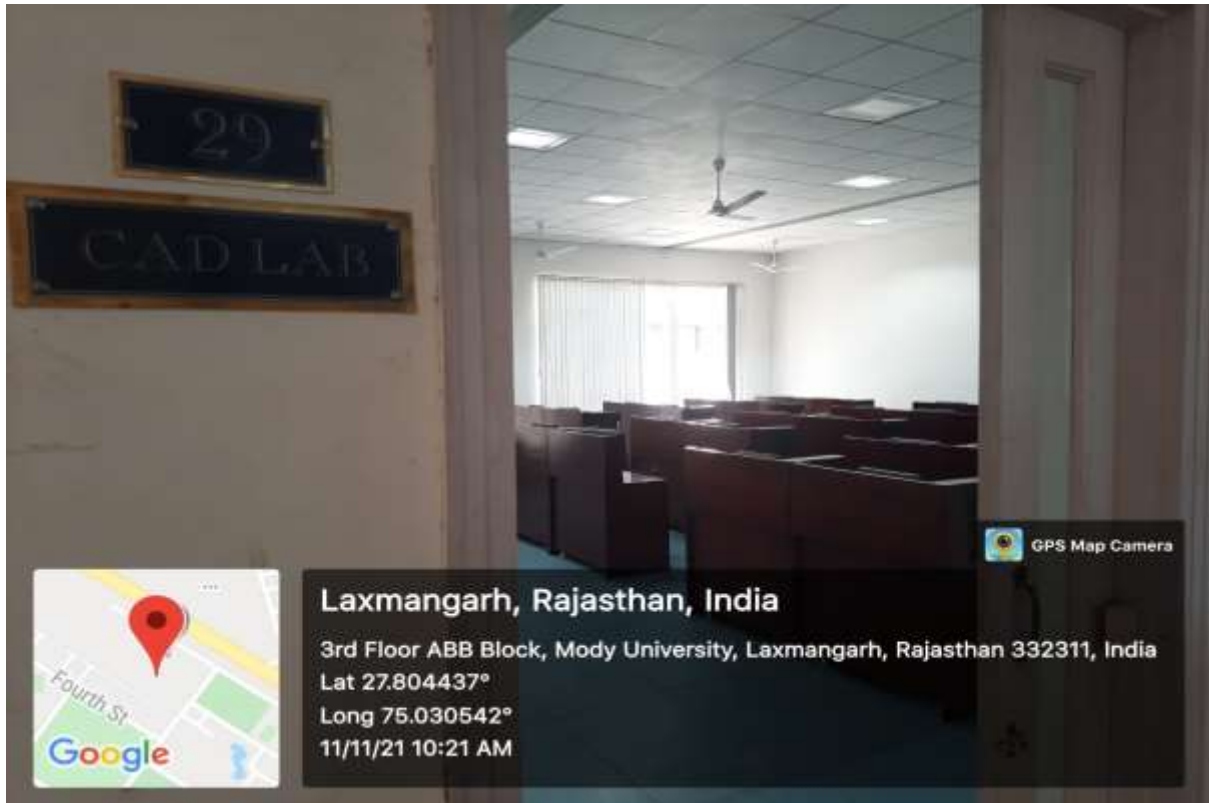
Mechanics of Solid Lab



Meteorology Lab



CAD Lab



Mechanical Workshop





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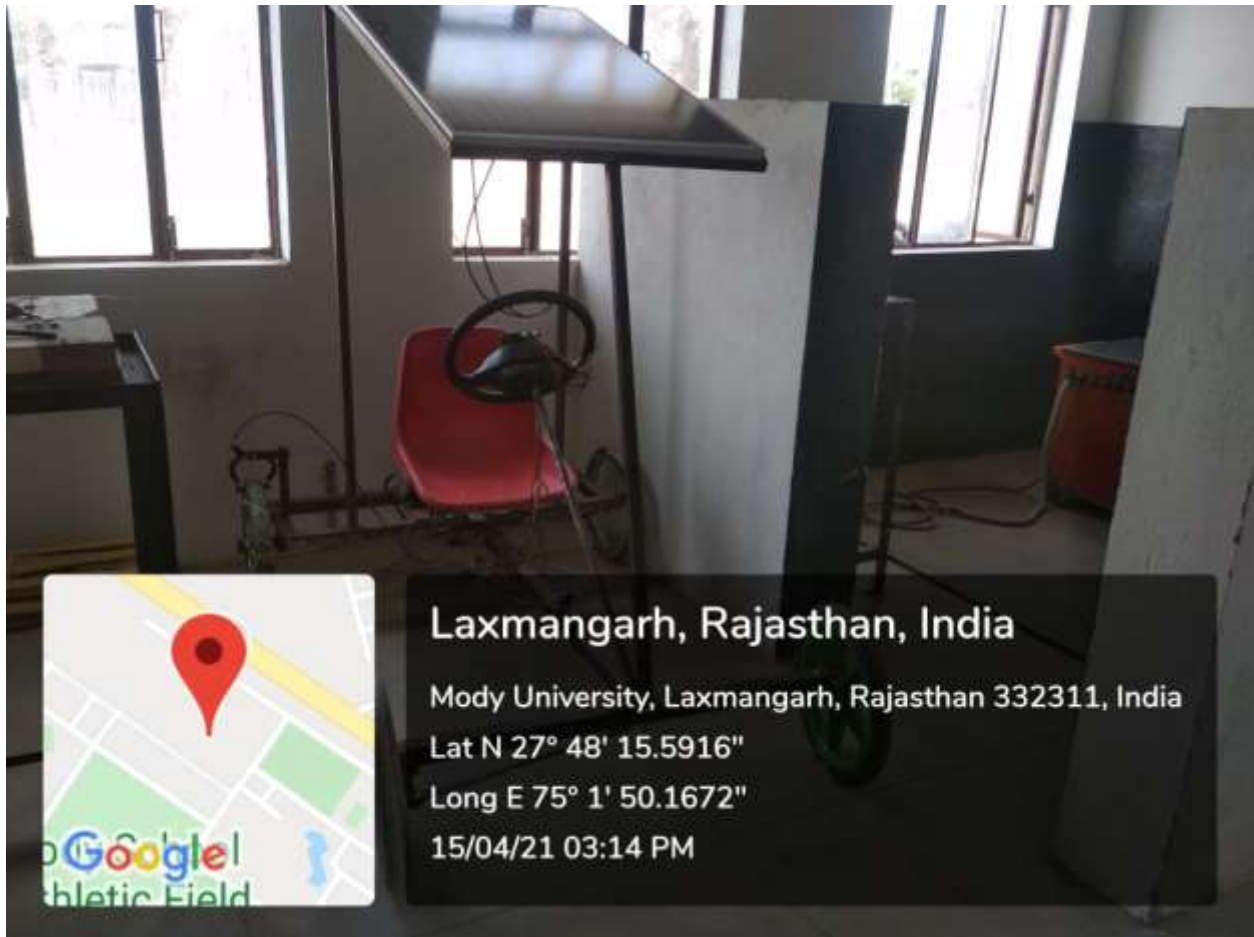
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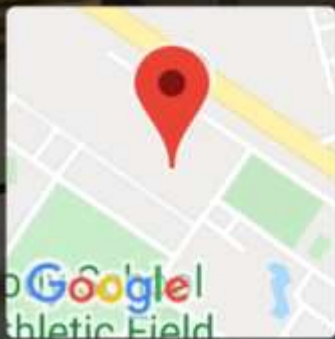
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Lat N 27° 48' 15.5916"

Long E 75° 1' 50.1672"

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List of Components

Name of Laboratory- Mechanical Workshop

S. No.	Name of Item	Quantity	Value	Present Condition	Date of Purchase
1.	Power Hacksaw Machine	01	47596.00	Working	30.01.2001
2.	Engine Lathe	01	1,17,150/-	Working	30.01.2001
3.	Turret type Vertical Milling	01	2,21,700/-	Working	01.12.2001
4.	Shaper Machine	01	86,350/-	Not-Working	05.01.2001
5.	Center Lathe	01	2,05,100/-	Working	16.03.2012
6.	Radial Drilling Machine	01	78,500/-	Working	16.03.2012
7.	Surface Grinder	01	1,28,000/-	Working	16.03.2012
8.	Centerless Grinder	01	4,08,500/-	Working	16.03.2012
9.	Universal Milling Machine	01	1,61,000/-	Working	16.03.2012
10.	Shaper Machine	01	1,87,000/-	Working	16.03.2012
11.	Capstan Lathe	01	1,58,950/-	Working	16.03.2012
12.	Turret Lathe	01	1,87,000/-	Working	16.03.2012
13.	Wood Working Lathe	01	41,250/-	Working	16.03.2012
14.	Welding Transformer	01	10721.00	Working	20.07.2001
15.	Double Ended Pedestal Grinder	01	34100.00	Working	27.04.2001
16.	Bench Grinder	01	3700.00	Working	18.01.2001
17.	Drilling Machine	01	14656.00	Working	30.01.2001

Name of Laboratory- Fluid Mechanics Laboratory

S. No.	Name of Item	Location Department	Quantity	Value	Present Condition	Date of Purchase
1.	Calibration of a Pressure Gauge H3A	GF 26, M.E.D	01	55888.5	Working	18.08.2011
2.	Venturi Meter H5	GF 26,	01	52795.3	Working	18.08.2011
3.	Discharge Through an Orifice H4	M.E.D	01	94834.7	Working	18.08.2011
4.	Friction Loss in a Pipe H7	GF 26,	01	67698.9	Working	18.08.2011
5.	Hydraulics Bench (Volumetric) HID	M.E.D	01	411887.1	Working	18.08.2011

Name of Laboratory- Thermodynamics Laboratory

S. No.	Name of Item	Location Department	Quantity	Value	Present Condition	Date of Purchase
1.	Temp. Measurement and Calibration TD400	GF 26, M.E.D	01	287105.2	WORKING	18/08/2011
2.	Steam Motor and Energy Conversion TD1050	GF 26, M.E.D	01	1625406.3	WORKING	18/08/2011
3.	Humidity Measurement Bench TE6	GF 26, M.E.D	01	451747.8	WORKING	18/08/2011

Name of Laboratory- Fluid Machineries Laboratory

S. No.	Name of Item	Location Department	Quantity	Value	Present Condition	Date of Purchase
1.	Vdas (Frame Mounted Version) VDAS-F	GF 26, M.E.D	01	68331.6	WORKING	18/08/2011
2.	Centrifugal Pump Module MEP101	GF 26, M.E.D	01	454067.7	WORKING	18/08/2011
3.	Turbine Dynamometer MEP101A	GF 26, M.E.D	01	179968	WORKING	18/08/2011
4.	Pelton Wheel (Turbine) MEP101B	GF 26, M.E.D	01	189317.9	WORKING	18/08/2011
5.	Propeller Turbine MEP101C	GF 26, M.E.D	01	252236.4	WORKING	18/08/2011
6.	Francis Turbine MEP101D	GF 26, M.E.D	01	223975.8	WORKING	18/08/2011
7.	Positive Displacement Pump Module MEP103	GF 26, M.E.D	01	566969.5	WORKING	18/08/2011
8.	Universal Dynamometer MEP100	GF 26, M.E.D	01	275083.9	WORKING	18/08/2011
9.	Piston Pump	GF 26, M.E.D	01	104957.9	WORKING	18/08/2011

	MEP103A					
10.	Gear Pump MEP103B	GF 26, M.E.D	01	135116.6	WORKING	18/08/2011
11.	Vane Pump MEP103C	GF 26, M.E.D	01	106926.3	WORKING	18/08/2011
12.	Swash Plate Pump MEP103D	GF 26, M.E.D	01	245909.4	WORKING	18/08/2011

Name of Laboratory- I.C. Engine Laboratory

S. No.	Name of Item	Location Department	Quantity	Value	Present Condition	Date of Purchase
1.	Small Engine Test Set TD200	Mechanical Workshop	01	504472.8	WORKING	18/08/2011
1.	4 Stroke Petrol Engine TD201	Mechanical Workshop	01	83375.8	WORKING	18/08/2011
2.	4 Stroke Diesel Engine TD202	Mechanical Workshop	01	158104.7	WORKING	18/08/2011
3.	Auto Volumetric Fuel Gauge DVFI	Mechanical Workshop	01	191919	WORKING	18/08/2011
4.	Reciprocating Compressor MEP104	Mechanical Workshop	01	650626.5	WORKING	18/08/2011
2.	Centrifugal Compressor Module MEP105	Mechanical Workshop	01	635512	WORKING	18/08/2011

Name of Laboratory- Mechanics of Solid Laboratory

S. No.	Name of Item	Location Department	Quantity	Value	Present Condition	Date of Purchase
1.	Universal Testing Machine SM1000/ Tecquipment UK	LG31, M.E.D	01	494279.3	WORKING	18/08/2011
2.	Motorised Pump SM1000C/ Tecquipment UK	LG31, M.E.D	01	413504.6	WORKING	18/08/2011
3.	Extensometer SM1000D/ Tecquipment UK	LG31, M.E.D	01	89491.9	WORKING	18/08/2011
4.	Vdas (Bench Mounted Version) VDAS-B/ Tecquipment UK	LG31, M.E.D	01	52935.9	WORKING	18/08/2011
5.	Energy Absorbed at Fracture TE15/ Tecquipment UK	LG31, M.E.D	01	306297.1	WORKING	18/08/2011
6.	Bending Stress in a Beam STR5/ Tecquipment UK	LG31, M.E.D	01	201128.3	WORKING	18/08/2011
7.	Automatic Data Acquisition Unit STR2000/ Tecquipment UK	LG31, M.E.D	01	67769.2	WORKING	18/08/2011
8.	Torsion of Circular Sections STR6/ Tecquipment UK	LG31, M.E.D	01	136733.5	WORKING	18/08/2011

9.	Universal Test Frame STR1/ Tecquipment UK	LG31, M.E.D	01	53568.6	WORKING	18/08/2011
10.	Digital Force Display STR1A/ Tecquipment UK	LG31, M.E.D	01	40633.4	WORKING	18/08/2011

Name of Laboratory- Metrology Laboratory

S. No.	Name of Item	Location Department	Quantity	Value	Present Condition	Date of Purchase
1.	Slip Gauge set	LG31, M.E.D	01	35000	WORKING	08/012013
2.	Profile Projector RPP250	LG31, M.E.D	01	34000	WORKING	08/012013
3.	Tool Maker Micro Scope	LG31, M.E.D	01	35000	WORKING	08/012013
4.	Optical Microscope with CCD camera	LG31, M.E.D	01	88000	WORKING	08/012013
5.	Surface plate (1M*1M)	LG31, M.E.D	02	29700	WORKING	08/012013
6.	Surface Roughness Tester	LG31, M.E.D	01	39500	WORKING	08/012013
7.	Optical Pyrometer	LG31, M.E.D	01	8000	WORKING	08/012013
8.	Speed Sensing Transducer (Stroboscope)	LG31, M.E.D	01	9000	WORKING	08/012013
9.	Vernier Caliper	LG31, M.E.D	01	5200	WORKING	08/012013
10.	Outside Micrometer 0-25 MM	LG31, M.E.D	01	1500	WORKING	08/012013
11.	Outside Micrometer 25- 50 MM	LG31, M.E.D	01	2200	WORKING	08/012013
12.	Outside Micrometer 50- 75 MM	LG31, M.E.D	01	2400	WORKING	08/012013
13.	Outside Micrometer 75- 100 MM	LG31, M.E.D	01	2700	WORKING	08/012013
14.	Inside Micrometer	LG31, M.E.D	01	8000	WORKING	08/012013
15.	Vernier Depth Gauge	LG31, M.E.D	01	3800	WORKING	08/012013
16.	Dial Gauge	LG31, M.E.D	04	11200	WORKING	08/012013

17.	Micrometer Depth Gauge	LG31, M.E.D	01	4800	WORKING	08/012013
18.	Bevel Protector	LG31, M.E.D	01	11000	WORKING	08/012013
19.	Sine Bar 200 MM	LG31, M.E.D	01	2800	WORKING	08/012013
20.	Sine Bar 300 MM	LG31, M.E.D	01	4000	WORKING	08/012013
21.	Thread Pitch Gauge	LG31, M.E.D	01	1350	WORKING	08/012013
22.	Screw Thread Micrometer	LG31, M.E.D	01	9500	WORKING	08/012013
23.	Mechanical comparator (Small Size)	LG31, M.E.D	01	1850	WORKING	08/012013
24.	Thread Plug Gauge12*1.5 mm	LG31, M.E.D	01	950	WORKING	08/012013
25.	Thread Plug Gauge20*1.5 mm	LG31, M.E.D	01	1200	WORKING	08/012013
26.	Thread Plug Gauge 25*1.5 MM	LG31, M.E.D	01	1200	WORKING	08/012013
27.	Thread Ring Gauge 12*1.5 MM	LG31, M.E.D	01	950	WORKING	08/012013
28.	Thread Ring Gauge 25*1.5 MM - GO	LG31, M.E.D	01	1600	WORKING	08/012013
29.	Thread Ring Gauge 25*1.5 MM – NO GO	LG31, M.E.D	01	1600	WORKING	08/012013
30.	Inside and Out Side Caliper	LG31, M.E.D	01 Each	250	WORKING	08/012013
31.	Gear Tooth Vernier caliper	LG31, M.E.D	01	8000	WORKING	08/012013
32.	Magnetic V- Block	LG31, M.E.D	01	850	WORKING	08/012013

Name of Laboratory- CAD LAB

S. No.	Name of Item	Location Department	Quantity	Value	Present Condition	Date of Purchase
1.	Konica Minolta Bizub 195 Digital Lsrijt Printer		01	50999	Working	25-Sep-2015
2.	OptiPlex™i5 Computer		31	1441173	Working	17/11/2012
3.	Solid Works Education Edition 2013-2014 Education Class Pack of (30 users)		-	605000	Working	20/11/2013
4.	Infinity power EATON Power Online UPS + Battery		01	105840	Working	07/12/12