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FACULTY OF AGRICULTURAL ENGINEERING & TECHNOLOGY

List of Instruments

Department of Structures and Environmental Engineering

Sr. No	Name of Equipment	Quantity
Surveying and Leveling Lab.		
1.	Levelling staff 5m/16ft 3 fold	11
2.	Gunter Chain	06
3.	Engineer chain	05
4.	Tape	06
5.	Arrows	100
6.	Open cross staff	05
7.	Optical Square	01
8.	Trough compass	12
9.	Prismatic compass	03
10.	Abney hand level	07
11.	Telescopic alidade	01
12.	Fiber glass leveling staff (steel)	02
13.	Staff rod	09
14.	GPS	02
15.	Ranging Rod	50
16.	Electronic theodolite	01
17.	U Fork	01
18.	Plane Table	04
19.	Dumpy Level / Auto Engineers Level	08
20.	Laser Distance Meter	08
21.	Total Station	01
22.	White board	02
23.	leveler	01
24.	Plumb bob	10
CAD CAM Lab.		
1.	Computers	16
Mechanics of Materials Lab.		
1.	Simple roof truss apparatus	2
2.	Bell Crank lever apparatus	2
3.	Law of principle of moment apparatus	2
4.	Simple roof truss apparatus	2
5.	Friction on the inclined plane apparatus	2
6.	Gear model apparatus	2
7.	Moments of distribution apparatus	2
8.	Duplex screw efficiency apparatus	2
9.	Torsion and bending of beam apparatus	2
10.	Shearing forces and bending moments apparatus	2
11.	Torsion of shaft apparatus	2

12.	Worm and worm wheel apparatus	2
13.	Extension and compression of spring apparatus	2
14.	Friction of belt apparatus	2
15.	Flywheel apparatus	2
Water quality and Environmental Engineering Lab		
1.	Sound leveler	4
2.	BOD	6
3.	Turbidity meter	2
4.	Solar power meter	1
5.	Dissolve oxygen meter	2
6.	Soil survey instrument	1
7.	pH meter	1
8.	Conductivity meter	1
9.	Digital pH meter	1
10.	Analytical balance	2
11.	Shaking incubator	1
12.	Refrigerator	2
13.	Oven	2
14.	Jar test apparatus	1
15.	microscope	1
16.	Spectrafuge	1
17.	Water bath	1
18.	Solar charge controller	1
19.	Thermo reactor	1
20.	Air sampler	1
21.	Micro duster	1
22.	Spectrophotometer	1