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List of Instruments

Department of Energy Systems Engineering

Sr. #	Name of Instrument	Model/Manufacturer
Engineering Thermodynamics		
1	Refrigeration cycle demonstration unit	IRC-1901/EES
2	Thermocouple trainer	E-4576/EES
3	Pressure measuring bench	TH-3197/EES
4	Air operated impulse turbine	TH-5656/EES
6	Temperature measuring bench	ET-7676/EES
7	Process control trainer	IT-5200/EES
8	Fluidization and fluid bed heat transfer unit	Th-556/EES
10	Nozzle pressure distribution	TH-3197/ESE
11	Temperature and humidity chamber	TH-3132/EES
Renewable Energy Lab		
1	Mechanical Equivalent of heat apparatus	TH-3272/EES
2	Radiation heat transfer unit	TH-878/ESE
4	Thermal solar energy basic unit	TH-3281/EES
Bio-Energy Lab		
1	Biogas Process Unit	TH-3285/EES Remarks: Working, pH sensor & hot water pump is not working
2	Bioethanol Process Unit	TH-3284/EES
3	Biodiesel Process Unit	TH-3286/EES
5	Hot Plate	-
6	Centrifuge	-
Biogas Workstation		
1	Biogas Analyzer	-
3	Portable biogas digestors	-
Solar Energy Lab		
1	Director Solar Dryer	-
4	Shefler reflector	-