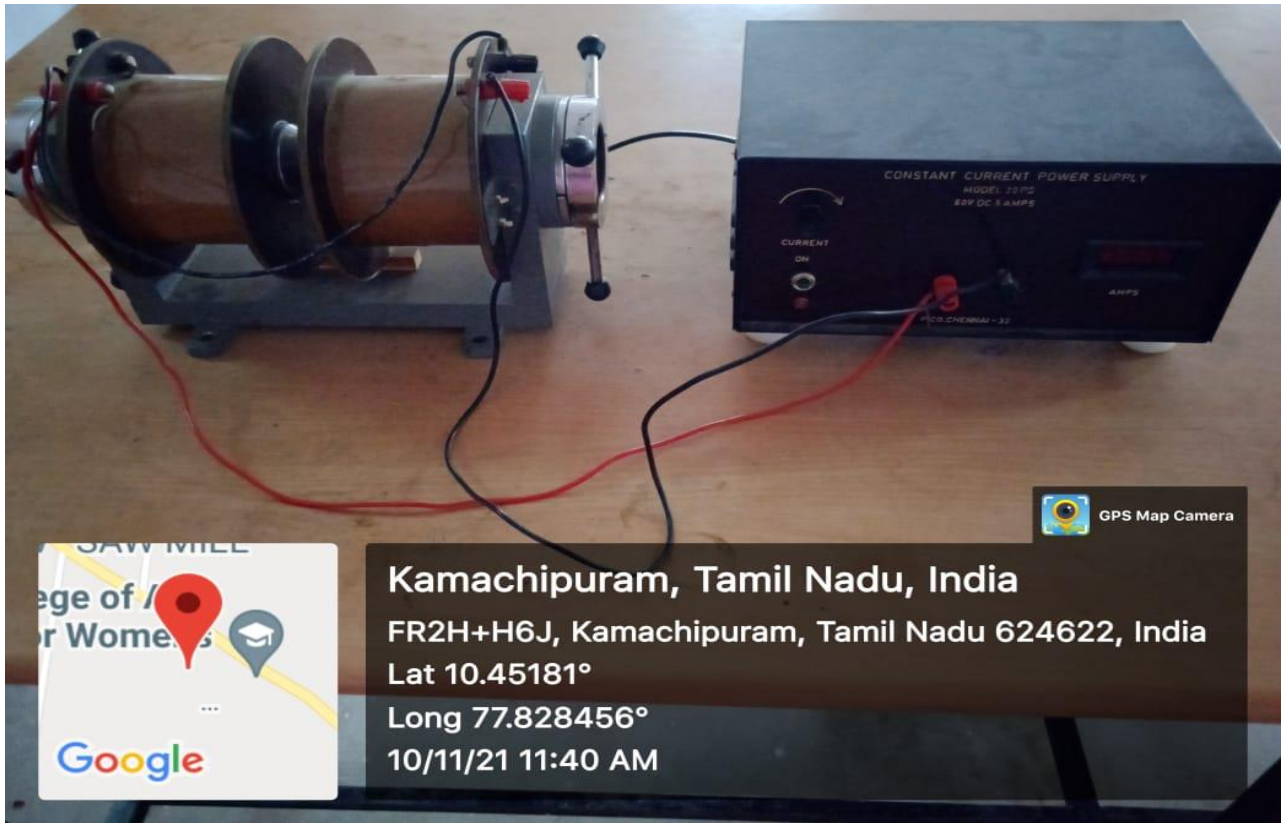


HOT PLATE



SPECIFICATIONS				
Model	BST/HPS-6	BST/HPS-8	BST/HPR-8	BST/HPC-19
Type	Square	Square	Rectangular	Round
Size (Dimension)	6 x 6 inches	8.5 x 8.5 inches	30 x 11 Inch	19 CM (Dia.)
Temperature	100°C			
Heating Plate	Cast Iron			
Controller	Energy Regulator			
Power Supply	220 / 230 Volts, 50 Hz			
Optional	-Overhead stirrer -PID Controller -Stainless steel heating plate -Digital temperature display -Support stand			

QUNIKE'S METHO

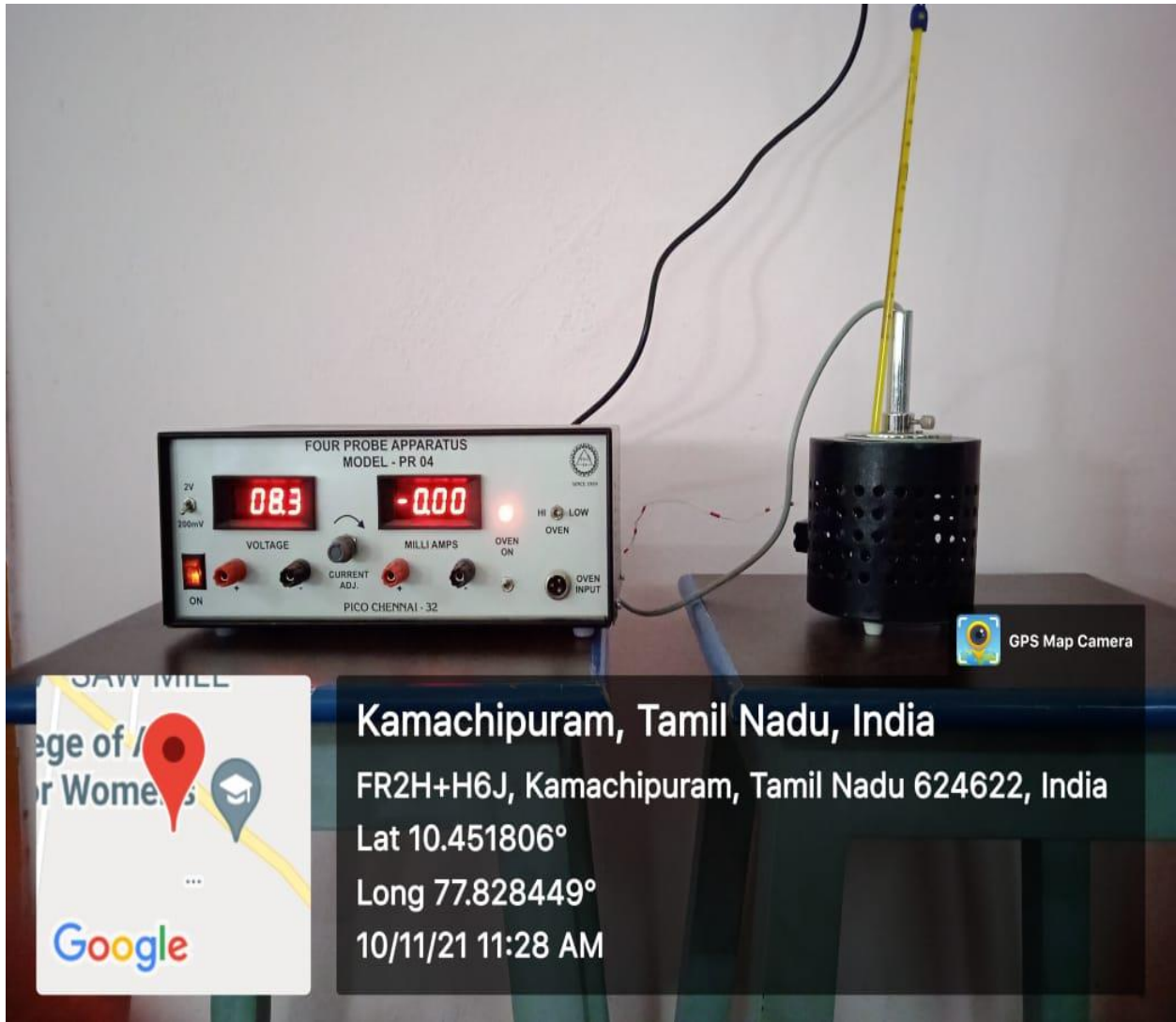


Kamachipuram, Tamil Nadu, India
 FR2H+H6J, Kamachipuram, Tamil Nadu 624622, India
 Lat 10.45181°
 Long 77.828456°
 10/11/21 11:40 AM

SPECIFICATIONS

Country of Origin	Made in India
Brand	Fifty Plus SE
Usage/ Application	Laboratory
Type of Instruments	Physics Instruments
Model	QU-201
warranty	1 Year
Country of Origin	Made in India
Product Description	
Electromagnet tapered with gauss probe stand	Electromagnet power supply digital
Quinck's tubes & stand	Digital Travelling microscope
Digital gauss meter	

FOUR PROBE



Kamachipuram, Tamil Nadu, India
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 Lat 10.451806°
 Long 77.828449°
 10/11/21 11:28 AM

SPECIFICATIONS	
Four Probe Method Sigma-040FPM	Collinear and equally spaced Probes
Four individually spring loaded probes	Probes mounted in a Ptfе bush
A Ptfе spacer near the tips	Mounting stand with sample plate
RTD embedded in the sample plate	Sample: Ge (Germanium) crystal in the form of a chip slice.
Operating Temperature is 180Deg C Four Probes Set-up : (Measuring Unit)	LCD Display For alParameters

THIN FILM-REMI MOTOR



SPECIFICATIONS	
TYPE	RQ-122
HP	1/20
RPM	4000
AMPS	0.6
COMPANY	REMI ELEKTTROTECHNIK LTD
EX.NO	HGUG-21612

CENTRIFUGE



SPECIFICATIONS	
Brand Name	WKM-SAMCO
Item Shape	oval
Number of Items	1
Part Number	KTN393
Shaking Speed	3500.00 rpm
Timer Range	0-60 minutes
Tube Capacity	15.00 milliliters

MUFFLE FURNACE



Kamachipuram, Tamil Nadu, India
FR2H+H6J, Kamachipuram, Tamil Nadu 624622,
India
Lat 10.451813°
Long 77.828459°
10/11/21 11:12 AM

SPECIFICATIONS

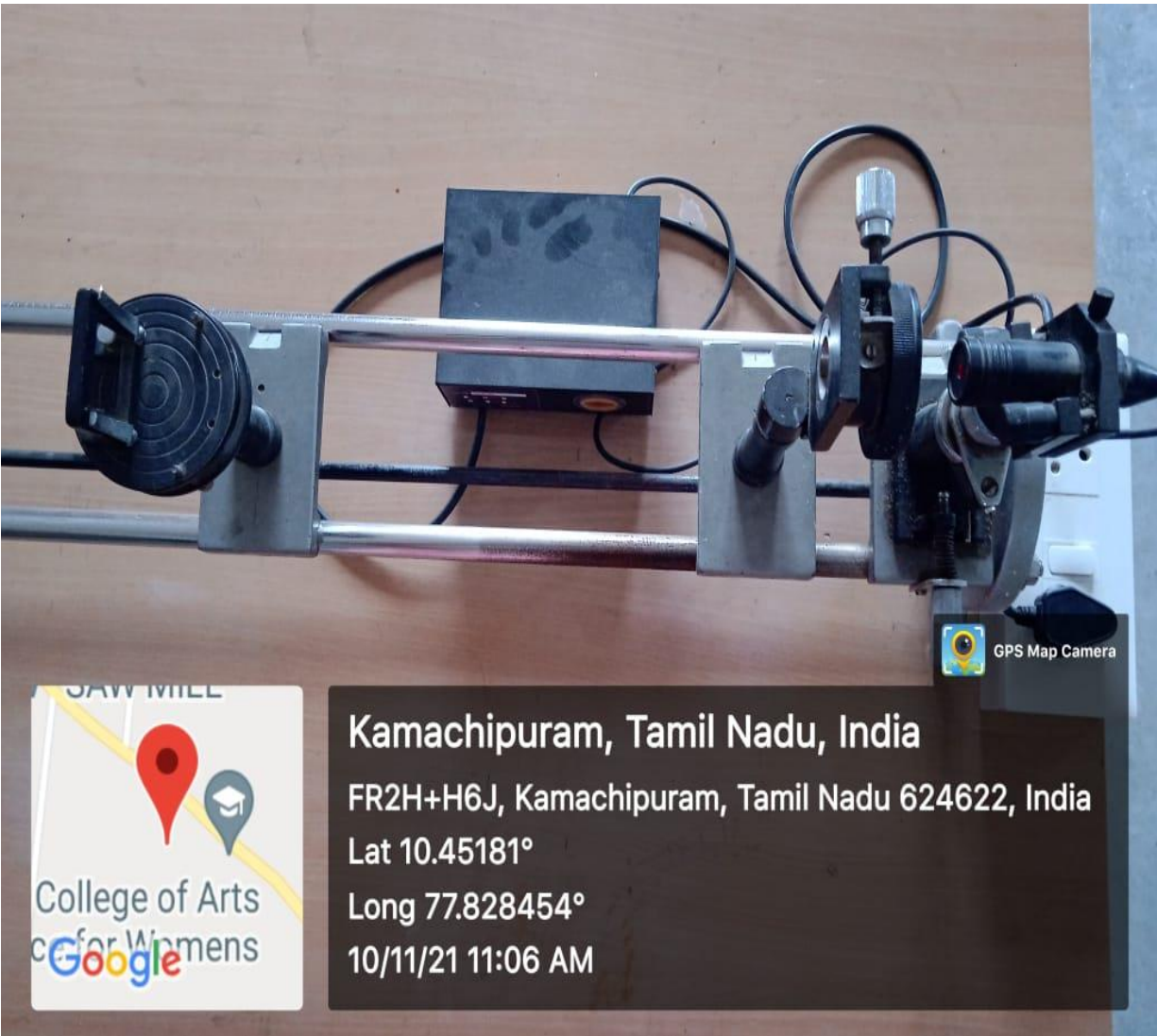
Melting Material	Copper
Power Source	Electric
Rated Power (KW)	2 kw to 10 kw
Input Voltage (V)	230 VAC
Furnace Voltage (V)	230 to 415 VAC
Voltage	230
Melting Time	30 min
Country of Origin	Made in India

MAGNETIC STRRIER



SPECIFICATIONS	
Properties	Range
SKU -----	- LA.MA.275056
Type of Product	Stirrers with Hotplate
Max. stirring quantity (Water)(Liters)	1 Ltr
Stirring Paddle	(PTFE coated)
Model	: Q-19, Length: 9 x 25 mm
Dimensions (WxDxH) (mm)	: 200 x 225 x 185 mm
Power	150
Model No :	1 MLH

LASER



SPECIFICATIONS

Usage/Application	Laboratory
Type Of Instruments	Physics Instruments
Model Name/Number	ML-201L
Brand	Fifty Plus SE
Country of Origin	Made in India

SOLAR PANEL



SPECIFICATIONS	
Brand	Bluebird
Model Number	50W - 12V Mono PERC Solar Panel
Material	Mono PERC Cell
Type	Monocrystalline
Number of Cells	36
Solar Power	50
Output Voltage	12
Length	43 cm
Width	66.5 cm
Weight	4.5 kg
Maximum Voltage (VMPP)	20V
Maximum Current (IMPP)	2.5A,
Open Circuit Voltage (VOC)	22.5V
Short Circuit Current	2.65A,
Module Efficiency = 17.5%	

ULTRASONIC INTERFEROMETER



SPECIFICATIONS	
Application	VELOCITY MEASUREMENT IN LIQUIDS
Brand	PICO
Model Name/Number	BL02

RESOURCES FOR RESEARCH / DEPARTMENT OF CHEMISTRY
DIGITAL PHOTO CALORIMETER



SPECIFICATIONS	
Output Optical Density	0 to 1.99
Display Type	LED
No of Digit	2.5
Size/Dimension	(LXBXH) 225x230x150mm
Weight	4 kg Approx

WATER STILL AQUATION



SPECIFICATIONS

Inlet Flow Rate (cubic meter/hr)	100
Phase	Single Phase
Capacity	10.0 Liters / Hr. 20.0 Liters /Hr, 40.0 Liters /Hr, 50.0 Liters /Hr
Operation Mode	Automatic
Power Consumption(in KW)	220/230V AC, 430 /440 V AC 3 Phase 50/ 60Hz

SONICATOR



SPECIFICATIONS	
Power Rating	750 Watts. Frequency. : 20 ± 2 KHz
Programmability.	10 memories
Programmable Timer	99 hours
Sequencing	Optional
Adjustable Pulse On/Off	1 second to 10 seconds
Dimensions	@ 15'W \times 12'L \times 6.5'H.
Voltage.	230V, 50 Hz

HEATING MANTLE



SPECIFICATIONS

Heating Mantle Material	Glass Fibre Yarn
Mantle Capacity	Holding standard Round Bottom Flasks upto 20 liters
Temperature Range	Approx. 400°C
Heating Control	Electronic power regulator

DIGITAL BALANCE



SPECIFICATIONS

Model No	PGB 600
Power Source	Rechargeable Battery
Tare	Full
Weight	2.5 kg
Plate Diameter	120 mm

ORBITAL SHAK



SPECIFICATIONS	
Model	STXHIS1212,STXHIS2222
Shaking Platform Size	12" x 12" 22" x 22"
Flask Capacity	250ml x 9 / 500 ml x 4 / 1000 ml x 4 250ml x 25/ 500 ml x 25 / 1000 ml x 16
Shaking Speed	0 to 250 rpm (±1 rpm)
Orbital Motion Diameter	12 mm

PHYSICAL BALA



SPECIFICATIONS

Usage/Application	Industry, laboratory
Sensitivity Drift	1/5 mg
Case Material	Wooden
Weighing Capacity	1 to 10 kg
Height	15 – 25 inches

DISTILLATION UNIT



SPECIFICATIONS

Main Body	Mild Steel Powder coated
Heater Load	1 KW each coated
Heater material	Ceramic with Spiral element
Heater Tube	Quartz / Silica Glass
Double Distillation Unit Output	1.5Litre/Hr,3.5 Liter

HOT AIR OVE



SPECIFICATIONS	
Temperature Range	5°C above ambient to 250°C maximum
Doors	Solid doors w/ silicone rubber gasket & lock
Shelves	2 – 3 Stainless steel shelves (Removable)
Air Circulation	Forced air circulation
Power Supply	220 Volts

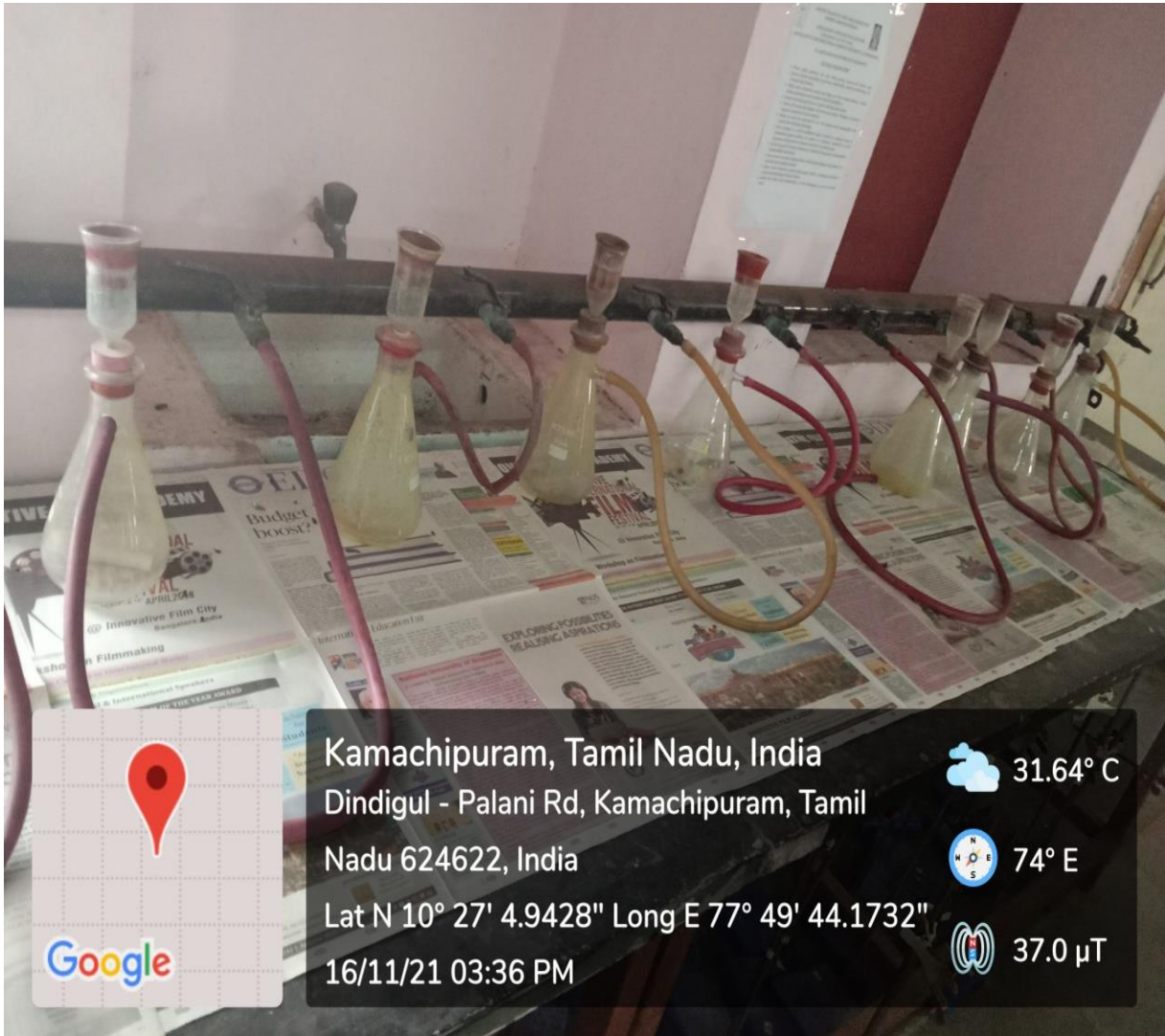
HAND CENTRIFUGE MACHINE



SPECIFICATIONS

Model name/number	Shan Model No. 110CF
Capacity	4 tubes
Material	Mild Steel
Voltage	NA
Size/Dimension	Customized

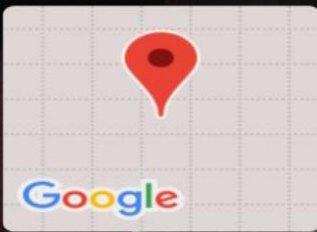
SUCTION VACCUM PUMP



SPECIFICATIONS

Power	5 HP
Capacity	2000 Liters
Voltage	240 V
Speed	1500 – 2000 rpm
Frequency	50/60 Hz

DIGITAL CONDUCTIVITY METER




Kamachipuram, Tamil Nadu, India

Dindigul - Palani Rd, Kamachipuram, Tamil Nadu 624622, India

Lat N 10° 27' 4.9428" Long E 77° 49' 44.1732"

16/11/21 03:36 PM

 31.64° C

 308° NW

 21.0 µT

SPECIFICATIONS

Model	601
Display	3.5 Digital LED
Measurement	Conductivity
Ranges	0 to 200 uS/cm, 0 to 2 mS/cm, 0 to 20mS/cm, 0 to 20 mS/cm & 0 to 1000 mS / cm
Accuracy	+ 1%FS ± 1 digit

POTENTIOMETER



SPECIFICATIONS	
Product Name	Potentiometer
Output signal	Analog signal.
Operating Voltage	+5V DC
Working Power	250V 3A
Resistance Value	10K ohm
Adjustment Type	Top Adjustment Type
Single Linear	(Type B)
Features	Knurled Shaft
Included Components	10 x potentiometers
Brand Name	Electrobot

SPECTROPHOTOMETER



SPECIFICATIONS	
Type	V-730 UV-Visible Spectrophotometer
Wavelength range	190 to 1100 nm
Wavelength accuracy	+/-0.2 nm (at 656.1 nm)
Wavelength repeatability	+/-0.1 nm
Spectral bandwidth (SBW)	1 nm
Stray light	1 % (198 nm KCL 12 g/L aqueous solution) 0.02 % (220 nm NaI 10 g/L aqueous solution) 0.02 % (340 nm NaNO ₂ 50 g/L aqueous solution) 0.02 % (370 nm NaNO ₂ 50 g/L aqueous solution)
Photometric range	3~3 Abs
Photometric accuracy	+/-0.0015 Abs (0 to 0.5 Abs) +/-0.0025 Abs (0.5 to 1 Abs) +/-0.3 % Tested

MAGNETIC STIRRER



SPECIFICATIONS

Speed control range	250-1250 RPM
Length of magnetic stirring element	10–50 mm
Max. stirring liquid viscosity	up to 1170 mPa.s
Fault indication	Outputs sound signal and turns off the heating
Overall dimensions	(W×D×H)-190x270x100 mm

CENTRIFUGE MECHINE



SPECIFICATIONS

Speed regulation range for centrifuge tubes	100-3000 rpm ($1610 \times g$)
Overall dimensions	(W×D×H)-420 x 495 x 235 mm
Weight	11.8 kg
Nominal operating voltage	230 V, 50/60 Hz or 120 V, 50/60 Hz
Power consumption	(230V / 120 V)110 W (0.5 A) / 120 W (1 A)

PH METER



SPECIFICATIONS	
pH measurement	0.0-14.00 with an accuracy of plus or minus 0.01 pH and a resolution of 0.01 pH.
Measurement range for temperature	0-100°C, with 0.5°C accuracy and 0.1°C resolution
Measurement of the Meter	140 x 47 x 35mm and weighs 200g

CONDUCTIVITY METER



SPECIFICATIONS	
Model	601
Display	3.5 Digital LED
Measurement	Conductivity
Ranges	0 to 200 uS/cm, 0 to 2 mS/cm, 0 to 20mS/cm, 0 to 200 mS/cm & 0 to 1000 mS/ cm
Accuracy	+ 1%FS ± 1 digit

MICROSCOPE



SPECIFICATIONS	
Resolution	250 lines per mm
Higher Adjustment	For both eyes
Working distance	90 mm or better range 138-145 mm or greater, with adjustable focus drive

HEATING MANTLE



SPECIFICATIONS

Heating Mantle Material	Glass Fibre Yarn
Mantle Capacity	To hold standard Round Bottom Flasks upto 20 liters
Temperature Range	Approx. 400°C
Heating Control	Electronic power regulator

REFRIGERATOR



SPECIFICATIONS	
Type	Laboratory Refrigerator BLAR-401
Capacity	60 L
Temperature Range	2~8°C
Ambient Temperature	10~32°C
Refrigerant	R600a
Defrost Method	Auto Defrost

WATER STILL AQUATION

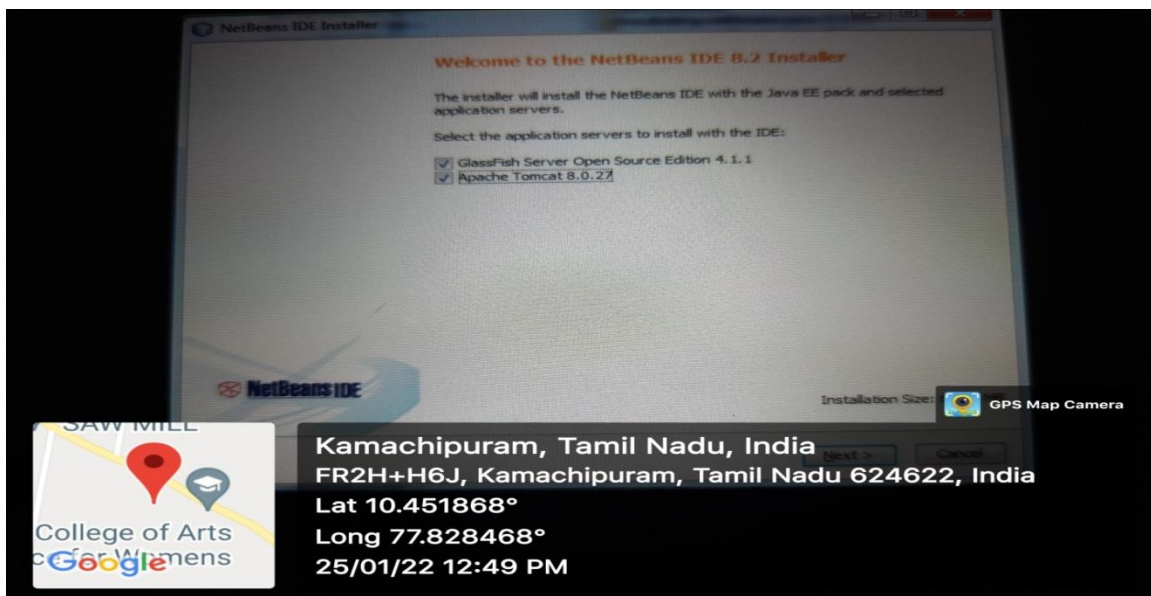
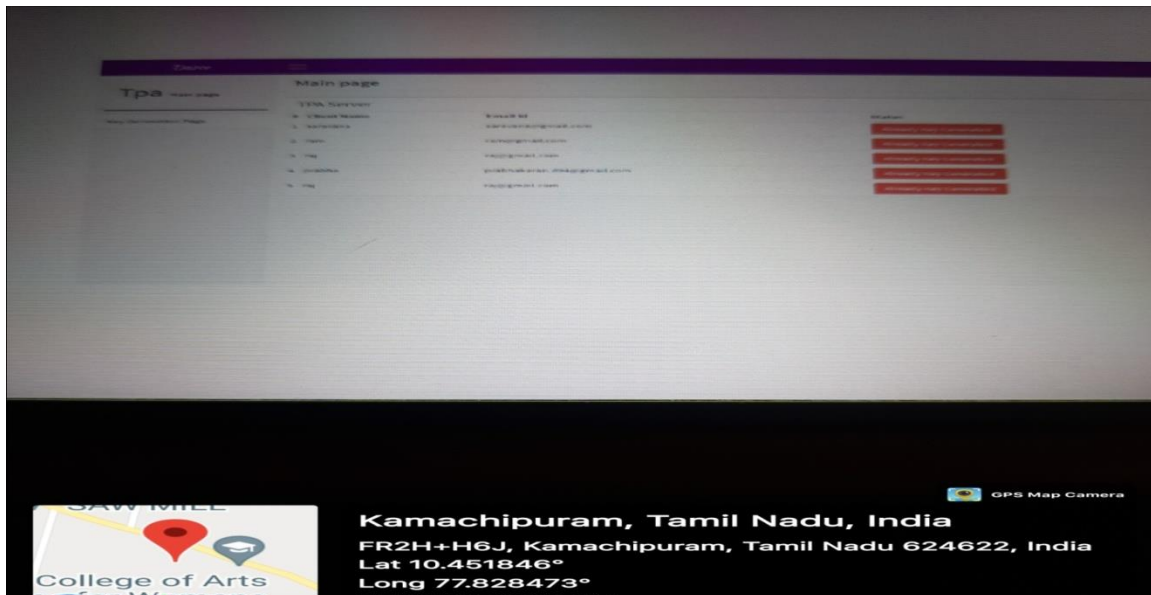


SPECIFICATIONS

Inlet Flow Rate (cubic meter/hr)	100
Phase	Single Phase
Capacity	10.0 Liters /Hr,20.0 Liters /Hr,40.0 Liters /Hr,50.0 Liters/Hr
Operation Mode	Automatic
Power Consumption (in KW)	220/230V AC, 430 /440 V AC 3 Phase 50/ 60Hz

RESOURCES FOR RESEARCH / DEPARTMENT OF COMPUTER SCIENCE

Java - NetBeans

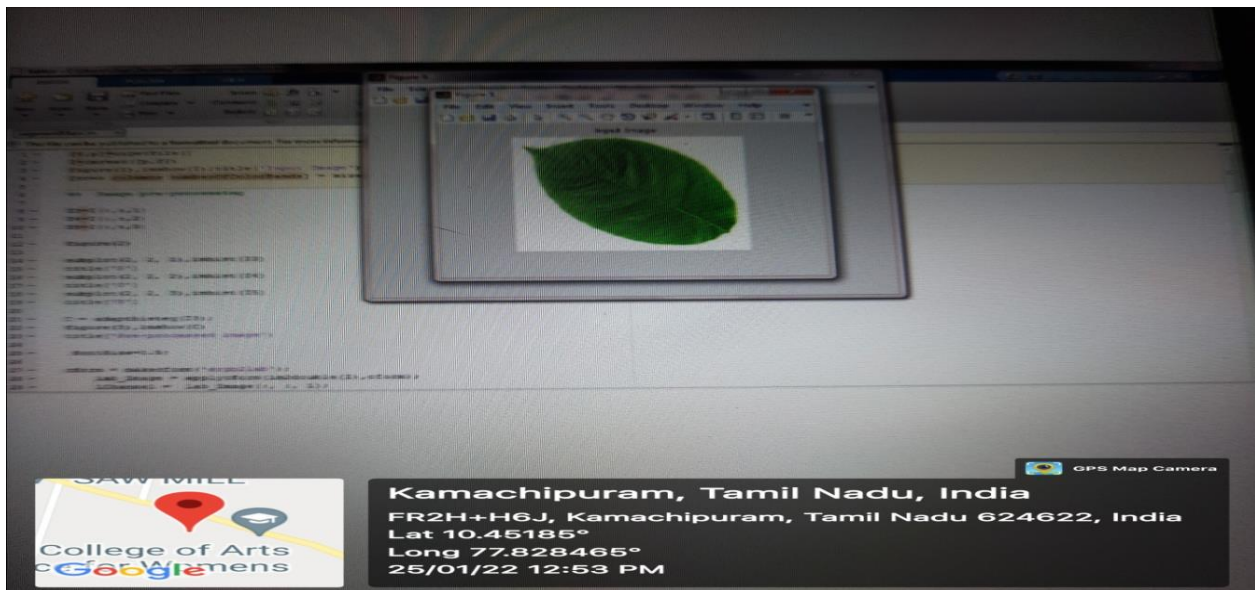
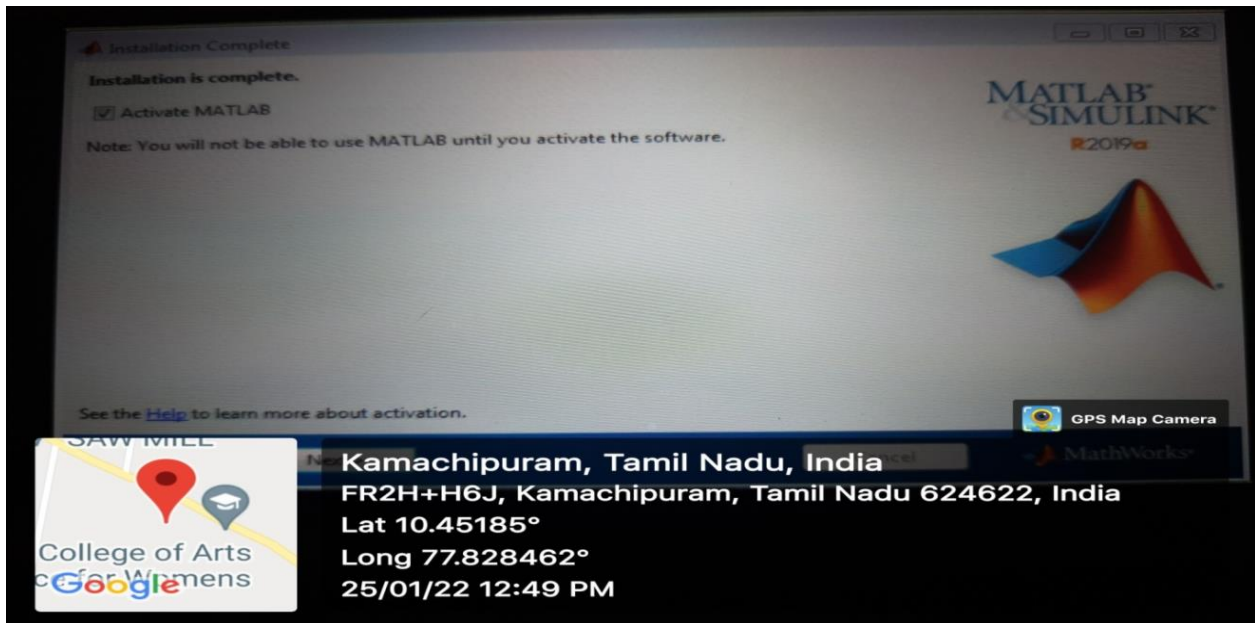


SPECIFICATIONS

An integrated development environment for Java.

Allows applications to be developed from a set of modular software components called
Modules

Matrix Laboratory




SPECIFICATIONS


A proprietary multi-paradigm programming language and numeric computing environment developed by MathWorks

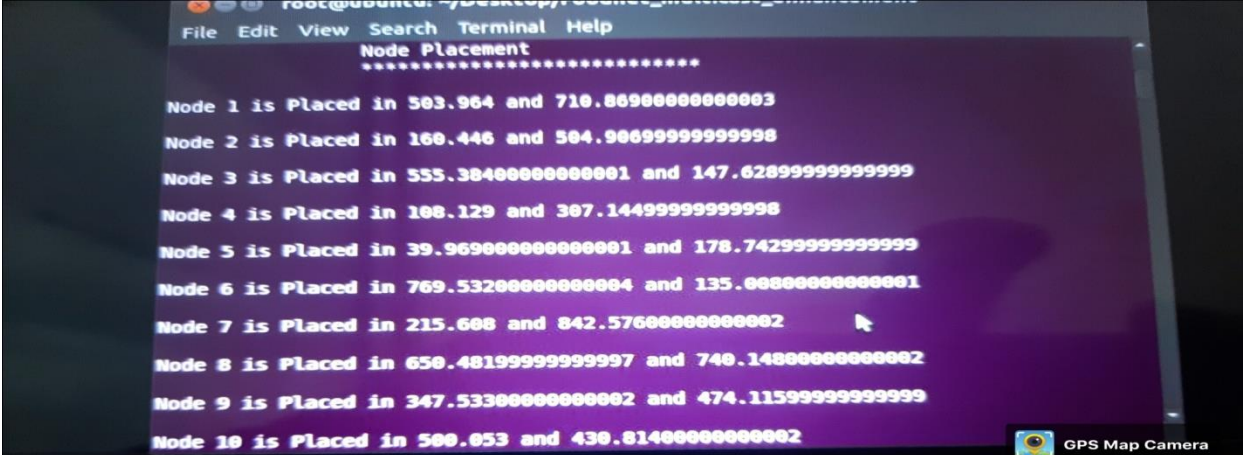
Allows matrix manipulation, plotting of functions and data, implementation of algorithms, creation of user interfaces, and interfacing with programs written in other languages.

Network Simulator 2



The screenshot displays the Network Simulator 2 interface. The main window shows a network topology with 27 nodes, each represented by a green circle with a number. The nodes are interconnected, forming a complex network structure. The interface includes a menu bar (File, Views, Analysis) and a status bar at the bottom showing communication logs: "NODE : 2 COMMUNICATE WITH NODE : 27", "NODE : 27 COMMUNICATE WITH NODE : 14", and "COMMUNICATE WITH NODE : 18". A "GPS Map Camera" icon is visible in the bottom right corner.


 Kamachipuram, Tamil Nadu, India
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Lat 10.451842°
Long 77.828494°
25/01/22 12:47 PM



The screenshot shows a terminal window with a purple background. The terminal output displays the coordinates for 10 nodes:

```
Node Placement
*****
Node 1 is Placed in 503.964 and 710.869000000000003
Node 2 is Placed in 160.446 and 504.906999999999998
Node 3 is Placed in 355.384000000000001 and 147.628999999999999
Node 4 is Placed in 108.129 and 307.144999999999998
Node 5 is Placed in 39.969000000000001 and 178.742999999999999
Node 6 is Placed in 769.532000000000004 and 135.0000000000001
Node 7 is Placed in 215.608 and 842.576000000000002
Node 8 is Placed in 650.481999999999997 and 740.140000000000002
Node 9 is Placed in 347.533000000000002 and 474.115999999999999
Node 10 is Placed in 500.053 and 430.814000000000002
```

A "GPS Map Camera" icon is visible in the bottom right corner.

 Kamachipuram, Tamil Nadu, India
FR2H+H6J, Kamachipuram, Tamil Nadu 624622, India
Lat 10.450925°
Long 77.82852°
25/01/22 12:44 PM

SPECIFICATIONS

Supports popular technologies and networks such as 5G, Internet of Things, Wireless LANs, Mobile and ad hoc networks, Wireless Sensor Network, etc.,