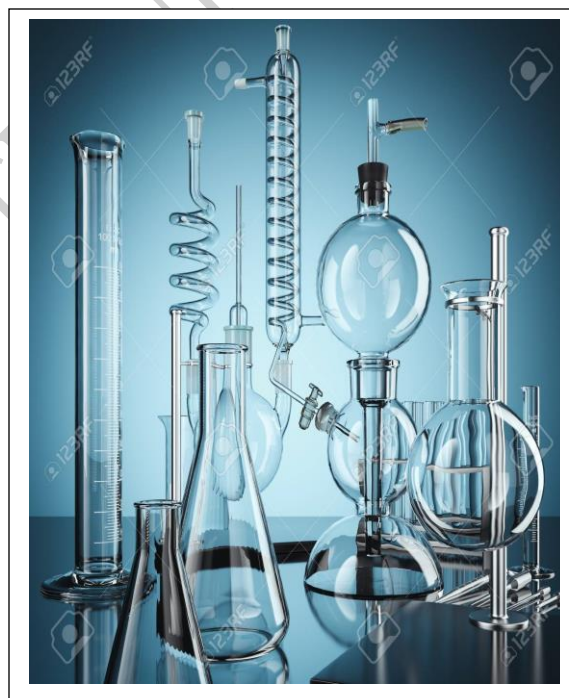


PRODUCT GUIDE

SCIENTIFIC (CHEMISTRY & BIOLOGY) LAB EQUIPMENTS



DELTA ELECTRONICS

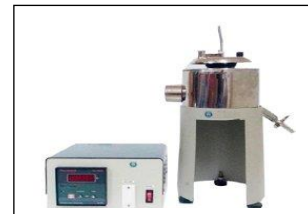
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Ph : 0712 -3550901 Mob: 9823151679 , 9270509886
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LABORATORIES EQUIPMENT FOR SCIENCE COLLEGE

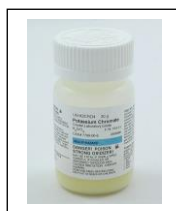
Chemistry Lab

- Red wood Viscometer
- Penskey Martin Apparatus
- Abels flash Point Apparatus
- Water Still
- Muffle Furnace
- Orsat Apparatus
- Cloud & Pour Point Apparatus
- Red wood Viscometer
- Water Still Plant
- Oven
- Single Pan Balance
- Electronic Top Pan balance
- Chemical Balance
- pH Meter
- Magnetic Stirrer
- Stop watch
- Heating Mantals
- K-15 Delux Scientific Balance
- Abels flash Point Apparatus
- Bomb calorimeter apparatus
- Penetrometer apparatus
- Say bolt viscometer
- Melting point apparatus



Chemicals

- Buffer Tablet PH-4
- Buffer Tablet PH-7
- Buffer Tablet PH-9.2
- Copper Sulphate
- Ethanol (china)
- Ferrous Sulphate
- Magnesium Sulphate
- Nickel Sulphate
- Paraffin Liquid
- Potassium Dichromate
- Zinc Sulphate
- Acetic Acid
- Ammonium Chloride



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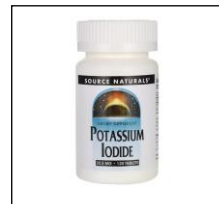
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- Ammonium Purpurate
- Ammonium Solution
- Barium Diphenylamine Sulphonate
- Calcium Carbonate
- Calcium Chloride
- C.T.C.
- Activated Charcoal Powder
- Cupric Chloride
- Pot. Phosphat Dibasic
- Pot. Phosphate Monobasic
- Erichrome Black T
- EDTA Disodium Salt
- Borax
- Hydrochloric Acid
- MaganeseSulphate
- Mercuric Chloride
- Methanol
- Methyl Orange Indicator Methanol
- Nitric Acid
- O-phosphoric Acid
- Okalic Acid
- Phenolphalein Indicator
- Potassium Iodide
- Potassium Hydrogen Pthalate
- Pot. Hydroxide Flakes
- Sodium Diphenylamine Sulphonate
- Sodium Azide
- Sodium Carbonate
- Sodium Hydroxide Flakes
- Sodium Thiosulphate
- Isopropyl Alcohol
- Sulpharic Acid
- Stannous Chloride



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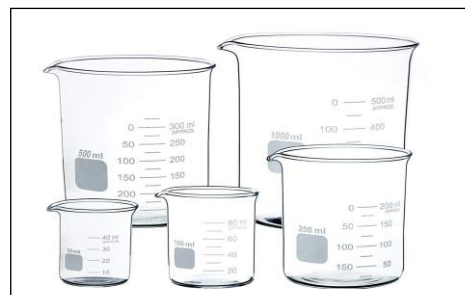
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Laboratory Glassware

- Iron Stand
- Tripod Stand
- Weight Box Analytical
- Burette Clamp Fisher Type single Burette
- Reagent Bottle
- Beaker 100 ml
- Beaker 100 ml
- Beaker 2000 ml
- Beaker 2000 ml
- Beaker 250 ml
- Beaker 500 ml
- Funnel Beaker
- Bunchner Funnels Porcelain
- Burette Pinchclip
- Burret with Teflan stop Cock
- Rubber Tubing Burette
- Chromatography Column
- Chromatography Column
- China Dish
- Conical Flask 10 ml
- Conical Flask 250ml
- Conical Flask 250ml
- Silica Crucible 25ml
- Dessicator
- Distillation Assembly
- Filter Paper
- Funnel
- Bunsen Burner
- Dropper
- Pinch clip Burette Jet
- Glass RodDessicator
- Pipette 25 ml Graduated
- Pipette
- Long Pair of Tong
- Measuring Cylinder
- Measuring Cylinder 1000ml
- Measuring Cylinder 100ml
- Kipps apparatus



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- Measuring Cylinder 500ml
- Pair of Tongs
- Pipette 10ml
- Pipette 25ml
- Pipette
- Petri Dish
- Reagent Bottle 1000ml
- Reagent Bottle 250ml
- Reagent Bottle 500ml
- Rubber Tubing 10mm
- Test Tube
- Universal Indicator Paper
- Volu. Flask 100ml
- Vol. Flask 250ml
- Volu. Flask 500ml
- Wire Guze with Frame
- Wash Bottle 250ml Plastic
- Water Bath Copper
- Weighing Bottle 5ml
- Pipette Stand Horizontal
- Test Tube Stand Plastic 6 Hole Fiked
- Thermometer 360 C
- Thermometer 110C
- Petri dish
- Pestle mortar
- Fisher clamp



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BIOLOGY LAB

- Abbes Refractometer
- Conductivity Bridge
- Conductivity Digital
- Land Burger Apparatus
- Photo Electric Calorimeters
- Chromatography cabinet
- Analytical Balances
- Distillation plant steel
- Distillation Plant glass
- Rotary microtome



Abbes Refractometer Photo Electric Calorimeter



Biology Laboratory

- Dissecting Microscopes
- Compound Microscopes
- Biological Charts
- Models
- Over-Head Projector
- Slide Projector
- Trays and Wooden boards
- Ganang's Photometer
- Ganang's light screen
- Arc Auxonometer
- Kunnis Flask
- Laminar flow
- Auto karl fisher titrimater
- Digital salinity meter
- Digital soil moisture meter
- TDS meter



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Microbiology Laboratory

- Compound Microscope with mechanical states
- Haemoglobinometers
- Haemocytometers
- Blood Pressure Apparatus
- Stethoscope
- Dissecting Instruments
- Surgical Instruments
- Human Skeleton
- Recording Kymograph
- Isolated Organ Bath
- Frog Muscle bath
- Autoclave (Small)
- Aseptic cabinet
- First aid equipment
- Refrigerator (Videocon)
- Frog Muscle chamber
- Cylinder with clamp
- Mono Bath with thermostat control & Stirrer
- Students organ bath with thermostat control
- Aeration tube
- Aerators
- Simple levers
- Ink pot
- Spirometer 6 liter's capacity
- Small operation table with animal holder
- Student Stimulator
- Starling Heart Lever
- Arterial Cannulae
- VeneousCannulae
- SymesCannulae
- Bull dog clamp bent knobbed
- Bull dog clamp bent pointed
- Open sided X block
- Standard X block
- Soxhlet apparatus glass



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- Conical Percolators
- Tincture press
- Ball Mill Motor driven
- Tray dryer
- Monanto hardness tester
- Disintegration test apparatus
- Dissolution rate test apparatus
- Friabilater
- Collapsible tube filling equipment
- Triple beam balance
- Prescriptive balances
- Suppository moulds
- Ampoule filling and sealing device
- Sintered glass filters
- Ointment Slabs and Spatulas
- Waring blender
- Clarity test equipment
- Hand grinding mill
- Pressure Cooker
- Motor Driven Centrifuge
- Hand Driven Centrifuge
- Photo electric calorimeter
- Polarograph
- Turbidity meter
- U.V.Spectroscopy
- Flame Photometry



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Animal House

- Animal Rabbit cage
- Rabbit Holders
- Rat Cages
- Mice cage



Chemistry Laboratory

- Crude Drugs
- Colored slides of Medicinal plants
- Compound Microscopes
- Camera Lucida
- Stage Micrometer
- Eyepiece micrometer



GENERAL LIST OF EQUIPMENTS

- Ball Mill (Motor driven)
- Hot air sterilizer
- Incubator
- Disintegration test apparatus
- Tray dryer
- Friabilator
- Water Deioniser equipment
- Ampoule sealing, filling and washing device
- Tincture press
- Refrigerator
- Overhead Projector
- Slide-cum-film strip projector
- Pressure Cooker
- Recording Kymograph



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- Organ bath
- Clarity test apparatus
- Hand grinding Mill
- Aseptic cabinet

List of laboratories equipment required in biology

- Permanent Slides for various tissues
- Specimen for various organs and systems
- Skeleton and bones
- Different Contraceptive Devices and Models
- Muscle electrodes
- Lucas moist chamber
- Myographic lever
- Stimulator Lucas Moist Chamber
- Centrifuge
- Perspex bath assembly (single unit)
- Software packages for experiment
- Standard graphs of various drugs
- Rotarod
- Analgesimeter (Eddy's hot plate and radiant heat methods)
- Convulsiometer
- Plethysmograph
- Autoclave Sterility Testing Unit
- Zone reader
- Sterility testing unit
- Eye piece micrometer
- Incinerator
- Moisture balance
- Micropipettes (Single and multi channeled)
- Suction pumps
- Mechanical Stirrers
- Magnetic Stirrers with Thermostat
- Vacuum Pump
- Microwave Oven



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- Mechanical stirrers
- Stage and eye piece micrometers
- Brookfield's viscometer
- Tray dryer
- Sieve shaker with sieve set
- Double cone blender
- Propeller type mechanical agitator Double Cone Blender
- Autoclave
- Steam distillation still
- Vacuum Pump
- Standard sieves,
- Ampoule washing machine
- Ampoule filling and sealing machine
- Clarity test apparatus
- Ointment filling machine
- All purpose equipment with all accessories
- Aseptic Cabinet Clarity Test Apparatus
- BOD Incubator
- Bottle washing Machine
- Bottle Sealing Machine
- Conical Percolator (glass/ copper/ stainless steel)
- Capsule Counter
- Energy meter
- Humidity Control Oven
- Liquid Filling Machine
- Mechanical stirrer with speed regulator
- Precision Melting point Apparatus
- Orbital shaker incubator
- Lyophilizer (Desirable)
- Gel Electrophoresis (Vertical and Horizontal)
- Phase contrast/Trinocular Microscope
- Refrigerated Centrifuge
- Fermenters of different capacity (Desirable)
- Tissue culture station
- Laminar airflow unit
- Diagnostic kits to identify infectious agents
- Rheometer



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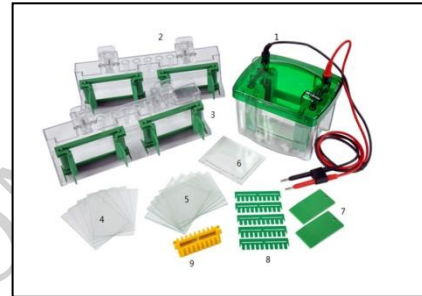
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- Sonicator
- Respinometer
- BOD Incubator
- Paper Electrophoresis Unit
- Incubator water bath
- Filtration Assembly Filtration Assembly
- Nephelo Turbidity meter
- Fourier Transform Infra Red Spectrometer (Desirable)
- HPLC
- HPTLC (Desirable)
- Atomic Absorption and Emission spectrophotometer (Desirable)
- Biochemistry Analyzer (Desirable)
- Carbon, Hydrogen, Nitrogen Analyzer (Desirable)
- Deep Freezer (Desirable)
- Ion- Exchanger
- Lyophilizer (Desirable)



DEPARTMENT OF BIOLOGY EQUIPMENT:

- Microscopes
- Haemocytometer with Micropipettes
- Sahli's haemocytometer
- Hutchinson's spirometer
- Sphygmomanometer
- Stethoscope
- Models for various organs
- Digital Balance
- Physical /Chemical Balance Digital Balance
- Sherrington's Kymograph Machine / Polyrite
- Sherrington Drum
- Myographic lever
- Aerators
- Computer with LCD
- Actophotometer
- Pole climbing apparatus
- Digital pH meter
- Microscope with stage micrometer
- Digital Balance



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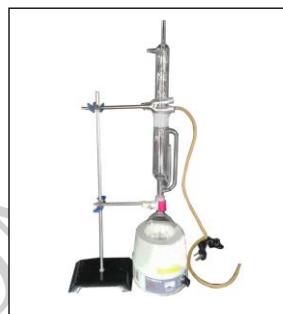
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- Hot air oven
- B.O.D. incubator
- Refrigerator
- Laminar air flow
- Colony counter
- Digital pH meter
- Hot Air Oven
- Camera Lucida
- Heating mantle
- Flourimeter
- Vacuum pump
- Micro Centrifuge
- Projection Microscope
- Reflux flask with condenser
- Water bath
- Clavengers apparatus
- Soxhlet apparatus
- Projection Microscope
- TLC chamber and sprayer
- Distillation unit 1



Projection Microscope



Soxhlet Apparatus

DEPARTMENT OF CHEMISTRY

EQUIPMENTS:

- Hot plates
- Oven
- Refrigerator
- Analytical Balances for demonstration
- Digital balance 10mg sensitivity
- Digital Balance (1mg sensitivity)
- Muffle Furnace
- Digital pH meter
- Muffle Furnace
- Distillation Unit
- Reflux flask and condenser single necked
- Reflux flask and condenser double / triple necked
- Burettes
- Arsenic Limit Test Apparatus
- Homogenizer



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- Digital balance
- Microscopes
- Ball mill
- Monsanto's hardness tester
- Pfizer type hardness tester Homogenize
- Friability test apparatus
- Collapsible tube crimping machine
- Magnetic stirrer, 500ml and 1 liter capacity with speed control
- Digital pH meter
- Bulk Density Apparatus
- Hot Plate
- Distillation Unit
- Ostwald's viscometer
- Stalagmometer
- Desiccator
- Suppository moulds
- Buchner Funnels (Small, medium, large) Bulk Density Apparatus
- Filtration assembly
- Permeability Cups
- Andreason's Pipette

Homogenizer



BIOTECHNOLOGY EQUIPMENT:

- Viscometer
- Micropipettes (single and multi channeled)
- Micro Centrifuge
- Autoclave
- Refrigerator
- Digital pH meter Viscometer
- Colorimeter
- Digital pH meter
- UV- Visible Spectrophotometer
- Flourimeter
- Digital Balance (1mg sensitivity)
- Flame Photometer
- Potentiometer



UV Visible Spectrophotometer

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- Conductivity meter
- Microprocessor based pH/ION meter
- Visible spectrophotometer
- Imported spectrophotometer
- Flame photometer
- Dry bath incubatorNephelometer
- Differential cell counterNephelometers
- Blood mixture / Roller mixture
- Colony counter
- Karl fischertitrimeters
- Printer
- Pyrogen testing instrument
- Nephelometers



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