



JBJ SCIENTIFIC

**LABORATORY EQUIPMENTS MANUFACTURING
AND SUPPLIER**

556/A3, Kumar Building, MS road, Vetturmadam, Nagercoil, Kanyakumari - 629003

ABOUT JBJ SCIENTIFIC

JBj SCIENTIFIC is an established, India based company. We are manufacturer, supplier of Scientific Laboratory Equipment including Electrical Lab Equipment, Electronics lab equipment, Physics lab equipment and Chemistry lab equipment for the past 35 years.

We are one stop shop for all scientific needs dealing with wide varieties of products.

Primarily in LAB CHEMICALS, LAB INSTRUMENTS, GLASS WARES, BIOLOGICAL PRODUCTS, FOR ALL SCHOOLS and COLLEGES.

We extend our service in project guidance and have been guiding School Students. Electrical and Electronics. Electronics and Communication Engineering students of Engineering Colleges and Polytechnic Colleges in their projects for the past twenty three years. We certainly appreciate your allowing as the opportunity to offer you our projects and services. We also assist the students with technical guidance for the project selected from our list and also projects of their own.



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PHYSICS LAB TRAINER

Sl.No.

Description

- 001 P.N.Junction Diode Characteristic Trainer with Analog/Digital Meters
- 002 Zener Diode Characteristic Trainer with Analog/Digital Meters
- 003 Transistor Characteristic Trainer with Analog/Digital Meters
- 004 Logic Gate Trainer with Digital Logic level Indicator
- 005 Demorgans Theorem Trainer
- 006 Op-Amp Trainer with Analog/Digital Meters

Sl.No.

Description

- 007 Ohms Law Trainer Kit with Digital/ Analog Meters
- 008 Solar Cell Trainer Kit with Digital/ Analog Meters
- 009 Kirchoffs Law Trainer with Digital/ Analog Meters
- 010 Digital IC Trainer
- 011 Analog IC Trainer
- 012 BH Curve Trainer
- 013 Energy Bandgap Trainer



SL.NO : 004



SL.NO : 008



SL.NO : 010

LAB EQUIPMENTS

Sl.No.	Description	Sl.No.	Description
014	Daniel Cell (Electronic)	023	Audio Frequency Generator
015	Lechlanche Cell (Electronic)	024	Function Generator 3MH
016	AC Sonometer Power Supply	025	Digital Storage Oscillator, DSO-50MHZ
017	Digital PH meter	026	Spectrometer
018	Digital TDS meter	027	Travelling Microscope
019	Digital Calori meter	028	Reading Telescope
020	Digital Spectro Photo meter	029	Ultrasonic Interferometer
021	Digital Turbidity meter	030	Gauss meter – complete
022	Digital Conductivity meter	031	Hall Effect Apparatus



SL.NO : 015



SL.NO : 016



SL.NO : 026

DC POWER SUPPLY

Sl.No.

Description

- 032 Battery Eliminator 2,4,6,8,10,12V DC 1Amp
- 033 Battery Eliminator 2,4,6,8,10,12V DC 2Amp
- 034 Battery Eliminator 2,4,6,8,10,12V DC 3Amp
- 035 IC Regulated Power Supply 2,4,6,8,10,12V DC 2Amp
- 036 Power Supply +5V GND -5V 1Amp
- 037 Power Supply +15V GND -15V 1Amp

Sl.No.

Description

- 038 Fixed Power Supply +5V GND -5V, +12V GND -12V, 0-15V
- 039 0-15V DC 1Amp with Digital meter
- 040 0-30V DC 2Amp with Digital Voltmeter and Ammeter
- 041 0-30V DC Dual 2Amp with Digital Voltmeter and Ammeter
- 042 0-50V DC Power Supply 1Amp with Digital meters
- 043 Constant Current Power Supply



SL.NO : 033



SL.NO : 037

RHEOSTATS

Sl.No.	Description	Sl.No.	Description
044	Tublar Rheostat 50Ω 3Amp	049	Tublar Rheostat 300Ω 1.2Amp
045	Tublar Rheostat 50Ω 5Amp	050	Tublar Rheostat 500Ω 1.2Amp
046	Tublar Rheostat 100Ω 3Amp	051	Tublar Rheostat 1000Ω 1.5Amp
047	Tublar Rheostat 150Ω 1.5Amp	052	Tublar Rheostat 1500Ω 1.5Amp
048	Tublar Rheostat 220Ω 1.5Amp	053	Tublar Rheostat 2000Ω 1.5Amp



SL.NO : 040



SL.NO : 041



SL.NO : 050

DECADE RESISTANCE BOX(DRB)

<i>Sl.No.</i>	<i>Description</i>
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054	Single Dial 0-10 Ω
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055	Two Dial 0-100 Ω
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056	Three Dial 0-1K
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057	Four Dial 0-10K
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058	Five Dial 0-1M Ω
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SL.NO : 054



SL.NO : 056



SL.NO : 057

DECADE CAPACITANCE BOX (DCB)

<i>Sl.No.</i>	<i>Description</i>
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059	DCB Single Dial 0.001 μ f-0.01 μ f
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060	DCB Two Dial 0.001 μ f-0.1 μ f
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061	DCB Three Dial 0.001 μ f-1 μ f
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062	DCB Four Dial 0.001 μ f-10 μ f
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DECADE INDUCTANCE BOX (DIB)

Sl.No.	Description
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063	DIB Single Dial 0-10 μ H
064	DIB Two Dial 0-100 μ H
065	DIB Three Dial 0-1mH
066	DIB Four Dial 0-10mH



SL.NO : 067



SL.NO : 072

MEASURING INSTRUMENTS

Sl.No.	Description
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067	DC Voltmeter – Sloping Cabinet MR100
068	DC Milli Voltmeter – Sloping Cabinet MR100
069	DC Ammeter – Sloping Cabinet MR100
070	DC Milli Ammeter – Sloping Cabinet MR100
071	DC Micro Ammeter – Sloping Cabinet MR100
072	Galvanometer MR100
073	Analog Multimeter



SL.NO : 074

DIGITAL METERS

<i>Sl.No.</i>	<i>Description</i>
074	Digital Voltmeter – Sloping Cabinet
075	Digital Milli Voltmeter – Sloping Cabinet
076	Digital Ammeter – Sloping Cabinet
077	Digital Milli Ammeter – Sloping Cabinet
078	Ballistic Galvanometer
079	Spot Reflecting Galvanometer
080	Tangent Galvanometer



SL.NO : 080



SL.NO : 078



SL.NO : 079

PHYSICS LAB APPARATUS

**Sl.
No.** **Description**

- 081 Boyle's Law Apparatus
- 082 Static Torsion Apparatus
- 083 Field Analog Axis of Coil Apparatus
- 084 Parallelogram Force Apparatus
- 085 Torsion Pendulum Apparatus
- 086 Cantilever Apparatus
- 087 Viscosity Apparatus
- 088 Hooks Law Apparatus

**Sl.
No.** **Description**

- 089 Specific Gravity Apparatus
- 090 Metre Bridge
- 091 Potentiometer
- 092 Sodium Vapour Lamp – Transformer
- 093 Mercury Vapour Lamp – Transformer
- 094 Sound Apparatus
- 095 Sonometer Apparatus
- 096 Melde's Apparatus

**Sl.
No.** **Description**

- 097 Resonance Column Apparatus
- 098 Lee Disc Apparatus
- 099 Barmagnet
- 100 Newton's Ring Assemble Apparatus
- 101 Air Wedge Apparatus
- 102 Joules Calorimeter
- 103 Stop Clock
- 104 Digital Stop Clock
- 105 Stop Watches



SL.NO : 090



SL.NO : 091



SL.NO : 102



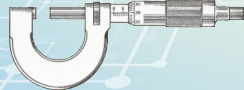
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PHYSICS LAB APPARATUS

<i>Sl.No.</i>	<i>Description</i>	<i>Sl.No.</i>	<i>Description</i>
106	Vernier Caliper	114	Reading Telescope
107	Screw Gauge (Micrometer)	115	Diffraction Grating
108	Slotted Weights	116	Newtons Ring – Microscope
109	Fortins Barometer	117	Plug Key and Switches
110	Aneroid Barometer	118	High Resistance
111	Spectrometer	119	Metre Scale
112	Spectrometer Prism	120	Commutator
113	Travelling Microscope	121	Reversible Switch
		122	DPDT Switch



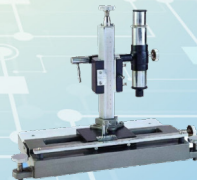
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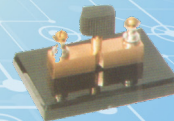
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SL.NO : 108



SL.NO : 113



SL.NO : 117



SL.NO : 121

CHEMISTRY LAB CHEMICALS

<i>Sl.No.</i>	<i>Description</i>	<i>Sl.No.</i>	<i>Description</i>	<i>Sl.No.</i>	<i>Description</i>
1	Acetophenone	20	Ferrous Ammonium Sulphate Soln,N/10	39	Safranin Stain Soln.
2	Ammonium Chloride Soln.	21	Ferrous Sulphate	40	Salicyclic Acid
3	Aniline Blue Stain	22	Ferrous Sulphate,N/10	41	Sodium Bicarbonate
4	Aniline Blue (Water Soluble)	23	Glucose (Dextrose)	42	Sodium Carbonate Anhydrous
5	Benzanilide	24	Glycerin (Glycerol)	43	Sodium Carbonate Soln.N/10
6	Benzonic Acid	25	Hydrochloric Acid Conc	44	Sodium Chloride
7	Benzophenone	26	Litmus Paper Blue	45	Sodium Hydroxide Flakes
8	Borsche's Reagent	27	Litmus Paper Red	46	Sodium Hydroxide Pellets
9	Calcium Oxide	28	Methylene Blue Soln.	47	Sodium Hydroxide Soln.1% or 10%
10	Cinnamic Acid	29	Methylene Orange Soln.	48	Sodium Hydroxide Soln.N/10
11	Cinnamaldehyde	30	Molisch's Soln.	49	Sodium Nitrate
12	Copper Sulphate	31	β-Napthol (2-napthol)	50	Sodium Nitroprusside
13	Copper Sulphate Soln. 1% or 10%	32	Nessler's Reagent	51	Tollen's Reagent
14	E.D.T.A. Soln. N/50	33	Oxalic Acid	52	Urea
15	Erichrome Black – T Soln.	34	Phenolphthalein Soln.	53	Acetic Enhydride
16	Fehling's Soln.1(A)	35	Phenyl Hydrazine Hydrochloride	54	Ethanol
17	Fehling's Soln.2(B)	36	Potassium Hydroxide Pellets	55	Powered Iodine
18	Ferric Chloride Anhydrous	37	Potassium Permanganate	56	Liquor Ammonia
19	Ferrous Ammonium Sulphate	38	Potassium Permanganate Soln.N/10	57	Indicator – Phenolphthalein

LABORATORY GLASSWARE

<i>Sl.No.</i>	<i>Description</i>	<i>Sl.No.</i>	<i>Description</i>
1	Kipps Apparatus	19	Separating Funnel
2	Beakers	20	Winchester Bottle
3	Aspirator Bottles	21	Glass Rod – Tube
4	Conical Flask	22	Beakers Borosilicate Glass
5	Measuring Cylinder	23	Test Tubes - Borosilicate Glass
6	Rectangular Jar	24	Pipettes Volumetric
7	Rectangular Bottles	25	Pipettes Graduated
8	Specimen Jars	26	Burettes
9	Funnel	27	Centrifuge Tuber
10	Flask Volumetric	28	Bunsen Burners
11	Filtering Flask	29	Test Tube Holders
12	Dropping Bottles	30	Thermometer
13	Desiccator	31	Distillation Assembly
14	B.O.D Bottle	32	Specific Gravity Bottle
15	Petri Dish	33	Viscometer
16	Sprit Lamp	34	Weighing Bottles
17	Test Tube		
18	Watch Glass		

HUMAN SKELETON

<i>Sl.No.</i>	<i>Description</i>
1	Human Skeleton Fiber Glass Deluxe
2	Stand for above heavy
3	Human Skeleton Plastic: Size 12
4	Tissue Culture Model
5	HIV Model
6	Mitochondria
7	Chloroplast

LABORATORY PORCELAIN WARE

<i>Sl.No.</i>	<i>Description</i>
1	China Dish
2	Crucible Porcelain
3	Buchner Funnel
4	Desiccator Plates
5	Spotting Plate
6	Acid Bowles

ZOOLOGY

<i>Sl.No.</i>	<i>Description</i>
1	Animal Cell/ Plant Cell
2	Amoeba
3	Life History – Silk-worm/ Butterfly
4	Frog Digestive System
5	Frog Male Urinogenital Organs
6	Frog Female Urinogenital Organs

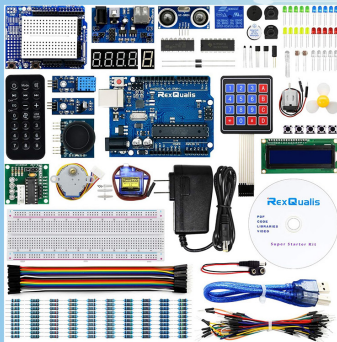
BOTANY

<i>Sl.No.</i>	<i>Description</i>
1	Bacteria
2	Meiosis
3	Mitosis
4	T.S. Monocot Stem/ Root
5	T.S. Dicot Stem/ Root

FIBRE GLASS MODELS/ HUMAN PHYSIOLOGY

<i>Sl.No.</i>	<i>Description</i>	<i>Sl.No.</i>	<i>Description</i>
1	Human Torso Big Size all Part Removable	16	Human Female Reproductive Organs
2	Human Torso Small Size & Part Removable	17	Human Male Reproductive Organs
3	Human Blood Circulatory System	18	Human Endocrine Gland
4	Human Digestive System	19	Human Brain – 2 Part
5	Human Nervous System	20	Human Heart – 2 Part on Stand
6	Human Excretory System	21	Human Eye – 7 Part on Stand
7	Human Respiratory System	22	Human Ear 12"×6"
8	Human Mouth	23	D.N.A. 18"×24"
9	Human Tongue	24	D.N.A. 15"×10"
10	Human Teeth	25	R.N.A. 18"×24"
11	Human Skin	26	R.N.A. 15"×10"
12	Human Lung	27	Nephron
13	Human Stomach	28	Human Chromosome Male
14	Human Liver	29	Human Upper & Lower Jaw
15	Human Kidney		

Project Components



PLC PROJECTS



TOP 5 ESP8266 Projects



Arduino Projects



RASPBERRY



PROJECTS





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