



VAGMINE TECHNOLOGIES

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PHYSICS CATALOG

Make Your Education Easy

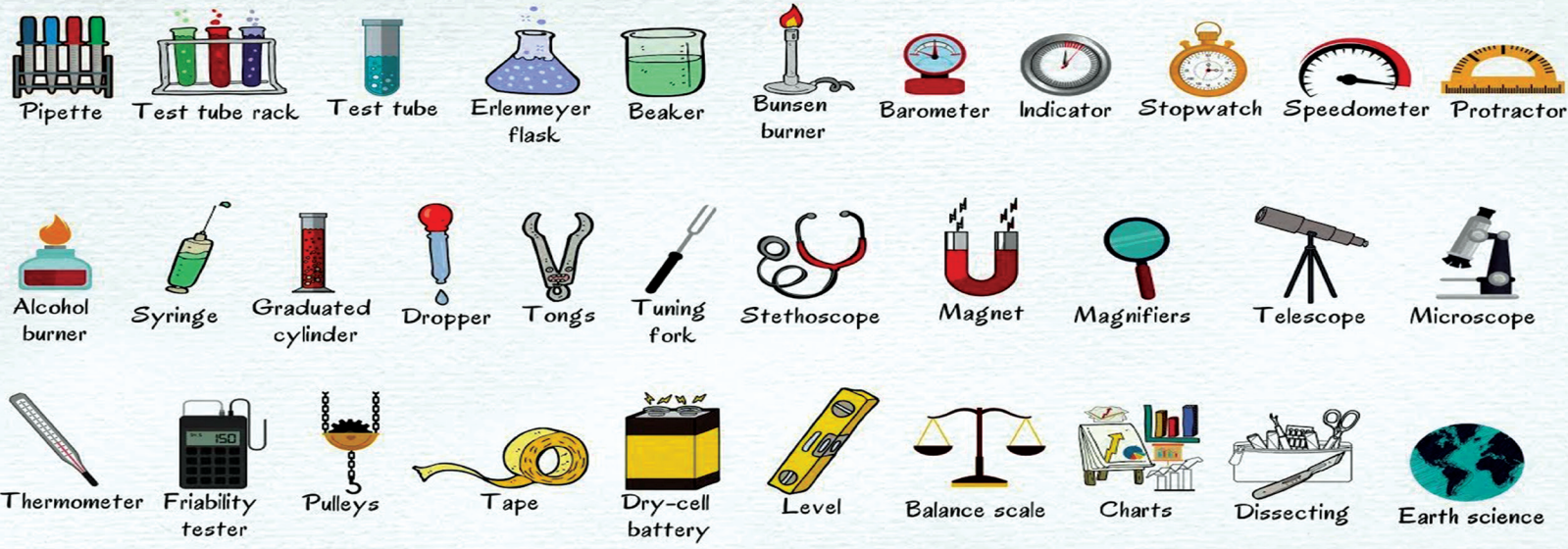
PHYSICS



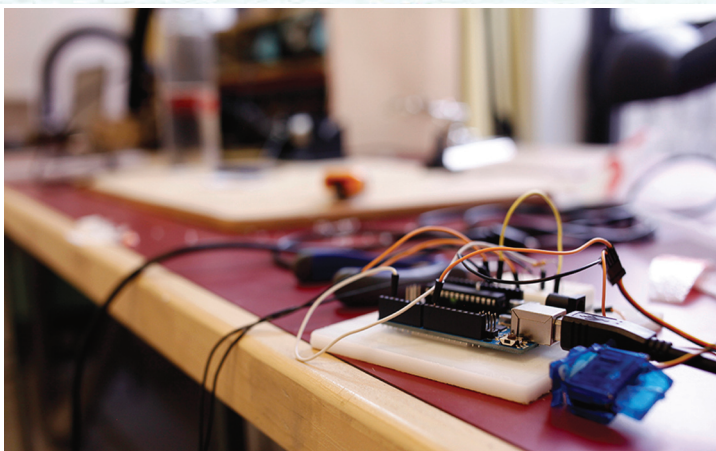
BIOLOGY

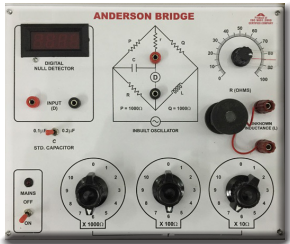


SCIENCE LAB



Homemade Inventor's Box





Anderson Bridge Digital



Analog Meter



PN Junction Diode Kit



Transistor Characteristic Apparatus



Hook's Law Appratus



Ballastic Galvanometer



Student Microscopes



Lens



Magnets Set



Meters



Newton Ring Appratus



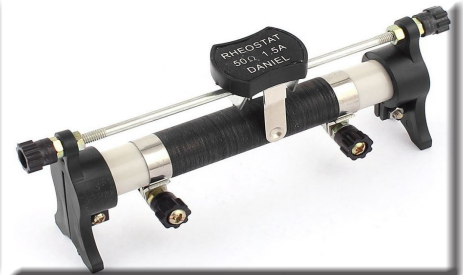
Ohm's Law Kit



Parallelogram Apparatus



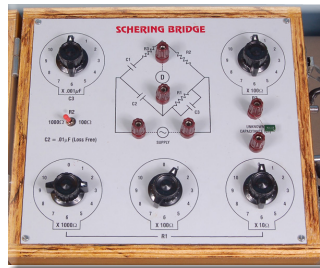
Resistance Box



Rheostat



Resonance Appratus



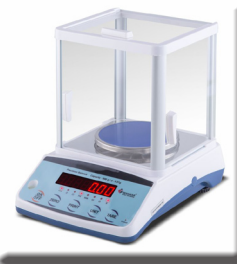
Schering Bridge



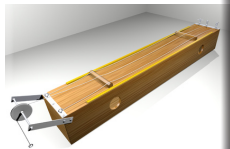
Screw Gauge and Vernier Calliper



Spectrometer



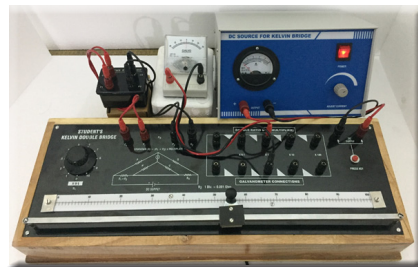
Weighing Balace



Sonometer Apparatus



Tapping Key



Student Kelvin Bridge Complete



Wave Motion Apparatus



Zener Diode Characteristics Apparatus

Sr. No.	Items
VPH001	AMMETER 1- DC with stand, Range 0-1, 1.5, 3, 5, 10 Amp 2- AC with stand, Range 0-1, 3, 5 Amp
VPH002	AMMETER 1- DC with stand, Range 0-1, 1.5, 3, 5, 10 Amp 2- AC with stand, Range 0-1, 3, 5 Amp
VPH002/B	AMMETER (Square) 1- DC with stand, Range 0-1, 1.5, 3, 5, 10Amp 2- AC with stand, Range 0-1, 3, 5Amp 3- DC with Desk Stand, Range 0-15 and 0-25 Amp 4- DC with Desk Stand Rectangular Dial 5- DC with Desk Stand (YELLOW CASE) JUMBO
VPH 003	ANEROID BAROMETER 1- Demonstration type 'ESAL' with pump 2- Wall Pattern, Dia. 10cm
VPH 004	ANDERSON'S BRIDGE For self-inductance in terms of capacitance & resistance Ratio Dial 10, 100 & 1000 ohms. Supplied w/o headphone and Oscillator. 1- Anderson's Bridge (with Headphone & Oscillator) 2- Anderson's Bridge (with Oscillator & Inductance)
VPH 005	ASTRONOMICAL TELESCOPE / TERRESTRIAL TELESCOPE With Folding Metallic Tripod Stand 1- Ordinary Quality with Bakelite parts (In velvet box) 2- Routine Quality with metal parts (In velvet box) 3- Superior Quality (Brass Body Telescope) 4- Imported (Superior Quality)
VPH 006	BALANCE PHYSICAL (Cap 250Gm) 1- 7 Stone, Teak wood case 2- 3 Stone, Simple wood case 3- Original Varanasi Make 7 Stone, Teak wood case
VPH 007	BALANCE DIGITAL 1- Cap. 600gm, L.C 0.1gm (100mg) 2- Cap. 300gm, L.C 0.01gm (10mg) 3- Cap. 220gm, L.C 0.001gm (1mg) 4- Cap. 220gm, L.C 0.0001gm (0.1mg) Indian Heavy Duty Digital Balance 5- Cap. 600gm, L.C 0.01gm (0.1mg) 6- Cap. 15kg or 30kg, L.C 5gm (Any One) 7- Cap. 100kg, L.C 10gm (Platform Type) with Pole Display
VPH 008	BALLISTIC GALVANOMETER (100 Ohm or 500Ohm) Any one range
VPH 009	BAR MAGNET (Superior Quality) 1- 38x10x5mm(1.5") 2- 50x10x5mm(2") 3- 75x10x5mm(3") 4- 100x10x5mm(4") 5- 150x10x5mm(6")
VPH 010	BAR MAGNET (Routine Quality) 1- 38x10x5mm(1.5") 2- 50x10x5mm(2") 3- 75x10x5mm(3") 4- 100x10x5mm(4") 5- 150x10x5mm(6")

Sr. No.	Items
VPH 011	BAR MAGNET Heavy (Parco Type) 1- 50x15x10mm(2") 2- 75x15x10mm(3") 3- 100x10x5mm(4")
VPH 11/B	BAR MAGNET (Economy Type) Ferrite, 50mm
VPH 011/C	BAR MAGNET (Steel) 1- 50mm(2") 2- 75mm(3") 3- 100mm(4")
VPH 012	BAR PENDULUM (Compound) Consists of Knife Edge & Wall bracket, 100cm Long 1- Iron 2- Brass
VPH 013	BAR PENDULUM STAND (Metallic)
VPH 014	BARTON'S HORIZONTAL APPARATUS or (Torsion App.) Searl's Pattern 2 Feet with 3 holes & Screws, separated by 2 support rods approx. 600mm. Wheel 165mm Dia. Over groove moving on ball bearings is provided with chucks to hold rod of 55cm long & 5mm Dia. With 2A1. graduated scales, mounted on pillar, 2 pointers with clamp for attachment on brass & steel rods, cord and hook for carrying masses. Supplied without weights. 1- Half Meter 2- One Meter
VPH 015	BARTON'S VERTICAL APPARATUS or (Torsion Apparatus) Steel Frame on heavy base with leveling screws. Upper end rod 900mm length & 5mm Dia. Is clamped by 3-jaw chuck & the lower end is clamped into axis of torsional drum. 3 circular scales graduated can be clamped at any position. 3 pointers. Complete with three others rods, strings & 2 scale pans, supplied without weights.
VPH 016	BATTERY HYDROMETER
VPH 017	BELL EXPERIMENT APPARATUS (Bell in Bell Jar) 1- Air Pump for Bell in Bell Jar(Bell Experiment) 2- Vacuum Grease for above experiment, 50gm
VPH 018	BENDING OF BEAM APPARATUS (Iron) 100cm Iron bar consisting of two G-clamps with knife edge top & spherometer fitted on iron stand. Supplied without weights.
VPH 018/B	BENDING OF BEAM APPARATUS (Koenig's Method) Supplied with 1mtr Brass beam, 2 knife edges of heavy clamps, 1 knife edge with hanger & tilting mirrors.
VPH 019	BIFILAR SUSPENSION ARRANGEMENT (Iron)
VPH 019/B	BINOCULAR, Routine
VPH 020	BI-METAL STRIP with Wooden Handle, (Iron/Brass) 20cmx2.5cm
VPH 021	BI-PRISM (Freshnel's) 1- 40x32mm 2- 50x40mm
VPH 022	BI-PRISM ASSEMBLY (Without optical bench) Prism Holder, Auto action lens holder, Micrometer eyepiece & optical slit

Sr. No.	Items
VPH 023	BLOCK WOODEN, Rectangular, size 100x75x15mm
VPH 024	BOB WITH HOOK 1- Brass, Dia. 12mm 2- Brass, Dia. 18mm 3- Brass, Dia. 25mm 4- Iron, Dia. 18mm 5- Iron, Dia. 25mm
VPH 025	BOB SET OF 6 METALS (Brass, Aluminum, Copper, Zinc, Iron & Lead) 1- Dia. 18mm 2- Dia. 12mm 3- Dia. 25mm
VPH 026	BOYLE'S LAW APPARATUS Double Rod with Glass & Rubber Tube, Supplied without Mercury
VPH 027	BRASS WIRE (100gm)
VPH 028	BUCKET & CYLINDER: Used to determine the principle of Archimedes(2")
VPHN05	BUNSEN PHOTOMETER (With Two Lamp Houses)
VPHN10	CALCITE/ QUARTZ PRISM 1- 25x25mm
VPH 029	CALLENDER & BARNES APPARATUS(Continuous Flow Calorimeter) 1- Transformer for Callendar & Barnes Apparatus
VPH 030	CANDLE HOLDER, with Metal Base
VPH 031	CARBON ROD, with Terminal, 150x15mm
VPH 031/B	CARBON PLATE, with Terminal, 150x50mm
VPH 032	CANTILEVER APPARATUS, 100cm bar with G-Clamp
VPH 033	CENTER OF GRAVITY TOY (Set of 3)
VPH 034	CELL HOLDER, Plastic (w/o Cell) 1- Two Cell 2- Four Cell
VPH 035	CHARGE & DISCHARGE KEY
VPHN15	COBALT GLASS (Blue Glass) 1- 38x38mm 2- 50x50mm
VPH 036	COMMUTATOR, Brass (Four way key)
VPH 037	COMPASS MAGNETIC (Aluminum) One Side Glass 1- Dia. 12mm 2- Dia. 18mm 3- Dia. 25mm 4- Dia. 38mm 5- Dia. 50mm 6- Dia. 75mm 7- Dia. 100mm
VPH037/A	COMPASS MAGNETIC Dia. 18mm, Both Side Glass
VPH 039	COMPASS BOX (For Deflection Magnetometer, 125mm Dia.)
VPH 040	COMPRESSION/ KITCHEN BALANCE Top Plan Plastic (BRAUN Make) 1- Capacity 500gm, 1kg, 2kg, 4kg (Any one) 2- Capacity 5kg 3- Capacity 10kg 4- Imported kitchen Single Pan Balance (Ordinary Quality)

Sr. No.	Items
VPH 041	CONDUCTIVITY APPARATUS of 4 Metals (Ring Type)
VPH 042	CONDUCTOR (Set of 3), Conical/Spherical/Cylindrical
VPH 043	CONSTANTAN WIRE/ RESISTENCE WIRE (100gm)
VPH 044	CONCAVE LENS (Regular Quality) 1- Dia. 50mm, F.L 5cm 2- Dia. 50mm, F.L 10cm 3- Dia. 50mm, F.L 15, 20, 25, 30cm (any one) 4- Dia. 75mm, F.L 10cm 5- Dia. 75mm, F.L 15, 20cm (any one) 6- Dia. 75mm, F.L 25, 30cm (any one)
VPH 045	CONVEX LENS (Regular Quality) 1- Dia. 50mm, F.L 5cm 2- Dia. 50mm, F.L 10cm 3- Dia. 50mm, F.L 15, 20, 25, 30cm (any one) 4- Dia. 75mm, F.L 10cm 5- Dia. 75mm, F.L 15, 20cm (any one) 6- Dia. 75mm, F.L 30cm
VPH 046	CONVEX MIRROR, F.L 10 to 30cm (any one) 1- Dia. 50mm 2- Dia. 75mm
VPH 047	CONCAVE MIRROR, F.L 10 to 30cm (any one) 1- Dia. 50mm 2- Dia. 75mm
VPH 050	COPPER CALORIMETER, size3"x2" (In Wooden Box)
VPH 051	COPPER PLATE, with Terminal, 6"x2" approx.
VPH 052	COPPER ROD, with Terminal, 125mm Long
VPH 053	COPPER WIRE (DCC Wire) 1- 100gm 2- 500gm
VPH 054	COPPER VOLTAMETER with Jar
VPH 055	CORK BORER 1- Set of 6 (German Type) 2- Set of 6 (German Type) 3- Set of 6 (Ordinary Type) 4- Set of 3 (Ordinary Type) 5- Set of 12 (German Type) 6- Set of 6 (Heavy Pattern) German Type
VPH 056	CROCODILE CLIP
VPHN 19	CROOK'S RADIOMETER
VPH 057	CUBE METAL (Set of 6 Different Metals) 1- Size 10mm 2- Size 18mm 3- Size 25mm
VPH 058	CYLINDER SOLID (Metal), 38mm 1- Aluminum Brass
VPH 058/A	CYLINDER HOLLOW (Metal), 38mm 1- Aluminum 2- Brass
VPH 059	CYLINDER METAL SET, (Set of 6 Different Metals) SOLID 38x12mm 1- Cylinder Metal Set, Al. (Set of 4 different size) HOLLOW
VPH 060	CYLINDER MAGNET 1- 50mm 2- 75mm 3- 100mm

Sr. No.	Items
VPH 061	D.P.D.T SWITCH (Iron)
VPH 062	DANIEL CELL (Complete)Includes Copper Pot, Empty Porous Pot & Zinc Rod 1- Daniel Cell Pot Only (Cooper) 2- Electronic Daniel Cell (Output Voltage 1.08 VDC)
VPH 063	DAVY SAFETY LAMP (Brass)
VPH 064	DEACDE CONDENSER (Capacitance Box), Dial Type 1- Single Dial, 0.001mfd/ 0.01mfd/ 0.1mfd 2- Two Dial, 0.001mfd/ 0.01mfd/ 0.1mfd 3- Three Dial, 0.001mfd/ 0.01mfd/ 0.1mfd
VPHN20	DEFLAGRATING SPOON
VPH 065	DEFLECTION MAGNETOMETER Mica Top with Compass & Supplied w/o magnets
VPH 066	DE-SAUTY BRIDGE For comparing capacitance in terms of Resistance having 3 decade dials x10, x100, x1000 ohms forming 1 arm. The other arm also has same dials. Supplied without headphone & capacitors, Accuracy $\pm 1\%$ 1- De-Sauty Bridge(with Headphones & Oscillator) 2- De-Sauty Bridge(with Null Detector & Oscillator)
VPH 067	DEMONSTRATION TRANSFORMER (On Board)
VPHN25	DIAMOND PENCIL
VPH 068	DIFFRACTION GRATING (Hilger & Watt Type) 1- 15000 Lines per inch, (Routine Quality) 2- 15000 Lines per inch, (Superior Quality) 3- 25000 Lines per inch, (Superior Quality) 4- 2500 Lines per inch, (Superior Quality)
VPH 069	DIGITAL VOLTMETER, 3.5 Digit LCD 1- Digital DC Voltmeter 2- Digital AC Voltmeter
VPH069/B	DIGITAL AMMETER, 3.5 Digit LCD
VPH 070	DIP CIRCLE 1- Brass Parts 2- Aluminum
VPH 071	DISPENSING BALANCE The Brass beam is mounted on wooden base with a drawer 1- Cap 100gm
VPH 072	DRAWING BOARD, (Superior Quality Soft Wood) 1- 12"x18" 2- 16"x23" 3- 23"x32"
VPHN30	DRY CELL (2 Volt) 'GLOBE Make'
VPHN35	DRY & WET THERMOMETER
VPH 073	DYNAMO MODEL (AC/DC) 1- Superior Quality 2- Routine Quality
VPHN40	EARTH INDICATOR (1000Turns)
VPH074	EBONITE ROD (Friction Rod), 30cm

Sr. No.	Items
VPH 075	ELECTRIC BELL MODEL on Wooden Stand, Demonstration Type 1- Routine Quality 2- Superior Quality
VPH 076	ELECTRIC MOTOR MODEL, Workable on 6V DC
VPH 077	ELECTRIC VIBRATOR (Works on AC mains)
VPH 078	ELECTROMAGNET 'U' SHAPE, 75mm (Superior Quality) 1- 75mm 2- 100mm
VPHN42	FARADAY BUTTERFLY NET 6"(on Insulated Stand)
VPHN44	FARADAY LAW APPRATUS (Working Model)3 in 1
VPHN45	FEBRY PEROT ETALON (for Interferometer Experiment) This Etalon is Mounted on Spectrometer & is used with sodium light setup to complete the Febry Perot Interferometer Setup
VPH 00F	FLOATING MAGNEY SET
VPH 079	FLY WHEEL (To Determine the moment of Inertia) 1- Dia. 20cm, Without Counter 2- Dia. 20cm, with Counter 3- Dia. 25cm, without Counter 4- Dia. 25cm, without Counter
VPH 080	FRICTION APPARATUS, with Wooden Block & Aluminum Pan, Soft Wood 350
VPHN48	FROTH FLOTATION APPARATUS (Purification of Metal)
VPHN49	FRANCK-HERTZ EXPERIMENT SETUP
VPH 081	FORTIN'S BAROMETER (Supplied without mercury) 1- Brass Parts 2- Aluminum/ Iron Parts
VPH 082	FORIN'S BAROMETER SHOWCASE(WOODEN)
VPH 083	G-CLAMP (Iron) 1- 7.5cm 2- 10cm
VPH 084	GALVANOMETER, (DC with Stand) 30-0-30 1- MO-65, LABTOP Make 2- MO-65, OXFORD Make 3- EDM-80, (Square) 4- EDM-100 (Big Square)
VPHN50	GANONG'S LIGHT SCREEN
VHN55	GALVANOSCOPE
VPH 085	GEOMETRICAL INSTRUMENTS BOX 1- Plastic, Routine Quality 2- Plastic, Superior Quality 3- Wooden, Superior Quality
VPH 086	GEOMETRICAL FIGURE (Set of 12) 1- Wooden 4"x2" (Yellow Coloured) 2- Wooden 6"x4" (Multi Coloured) 3- Wooden 12"x6" (Multi Coloured)
VPH087/A	GLASS PRISM Equilateral 60x60x60° 1- 38mm (Superior Quality) 2- 50mm (Superior Quality) 3- 38mm (Routine Quality) 4- 50mm (Routine Quality)

Sr. No.	Items
VPH 087/B	GLASS PRISM Right Angle 45x45x90° 1- 38mm 2- 50mm
VPH 089	GLASS SLAB (English Glass) 1- 75x50x12mm 2- 75x50x18mm 3- 100x60x18mm
VPH 090	GLASS BEADS (500gm)
VPH 091	GLASS ROD (Friction Rod), 12"
VPH 092	GOLD LEAF ELECTROSCOPE 1- Glass Jar 2- Wooden Frame
VPHN57	GONIOMETER
VPH 093	GROUND GLASS SCREEN (Wooden)
VPH 094	HOFFMAN VOLTAMMETER, With Platinum Electrode & Metallic Stand
VPHN58	HAMBURGER COIL (Conductivity Cell)
VPH 095	HARE'S APPARATUS, On Wooden Stand
VPHN60	HELMHOLTZ GALVANOMETER
VPH 096	HOLLOW GLASS PRISM 1- 38mm 2- 50mm
VPH 097	HOOK'S LAW APPARATUS, with weights 1- Small 2- Big
VPH 098	HOPE'S APPARATUS, Tin (Painted)
VPH 099/A	HORSE SHOE MAGNET/ 'U' MAGNET Superior Quality 1- 50mm 2- 75mm 3- 100mm
VPH 099/B	HORSE SHOE MAGNET/ 'U' MAGNET Routine Quality 1- 50mm 2- 75mm 3- 100mm
VPH 100	HYDROMETER(Superior Quality) 1- Heavy, Range 1000 to 2000 2- Light, Range 700 to 1000 3- Universal Hydrometer for light & heavy, Range 700 to 2000 4- Beaumes Hydrometer, range 0-10 5- Beaumes Hydrometer, range 10-20 6- Beaumes Hydrometer, range 20-30 7- Beaumes Hydrometer, range 0-30 8- Hydrometer for DIESEL 800 to 850(ISI Marked) 9- Hydrometer for PETROL 700 to 750(ISI Marked) 10- BRIX Hydrometer with Thermometer
VPH 101	HYGROMETER DIAL, Dia. 10cm (HEUGER Type)
VPH 102	HYPSONOMETER (Copper)
VPH 103	INCLINED PLAINS(without weights) 1- 75mm with Roller & Pan, Superior Quality 2- 100mm with Roller & Pan, Superior Quality 3- Deluxe Pattern with Metallic Base (Applied Mechanics)
VPH103/B	DOUBLE INCLINED PLAIN (Regular Quality)

Sr. No.	Items
VPH 104	INDUCTANCE COIL (3000 Turns)
VPH 105	INDUCTANCE BOX (Single Dial) Dial Type, 100 Micro Henry-1000 Micro Henry
VPH 106	INDUCTION COIL, works on (4-6 Volts DC) 1- 10mm, Spark 2- 25mm, Spark 3- 50mm, Spark
VPH 107	INERTIA BALANCE With G-CLAMP
VPH 108	INERTIA BAR, Solid brass rod with wall bracket arrangement
VPH 109	INERTIA DISC (Iron) 6" Dia. Disc with Clamping arrangement
VPH 110	INERTIA TABLE For Moment of Inertia Experiment; consists of 6" Dia. Al. disc with groove. It is suspended by a steel wire provided with circular base which is also fitted with leveling screws. Supplied with different shapes of masses (square, circular, rectangular & triangular)
VPH 111	INDUCED CURRENT APPARATUS (Rod Type) 1- Induced Current Apparatus with Bulb (Working Model)
VPH 112/A	IRON STAND (With Clamp & Boss Head), 7x5" 1- Routine Quality 2- Superior Quality
VPH112/B	IRON STAND (Base & Rod Only), 7x5"
VPH 112/C	IRON STAND, CAST IRON (Heavy Base w/o Clamp & Boss Head) 1- Base 6"x4", Rod 18"x3/8" 2- Base 7"x5", Rod 24"x1/2" 3- Base 8"x5", Rod 24"x1/2"
VPHH65	IRON FILLINGS, 500gm
VPH 113	JAEGER'S APPARATUS, Complete with manometer tube fitted on the stand
VPH 114	JOCKEY (Pencil Type)
VPH 115	JOULE'S CALORIMETER 1- In wooden box 2- All metal (Outer Aluminum & Inner Copper)
VPH 116	K. CONSTANT SPRING APPARATUS With spiral spring about 25mm dia. & 10cm long on metal base with 250gm weight 1- Simple Pattern with wooden Scale 2- Heavy Pattern with Graduated Metal Pipe(Superior)
VPH 117	KALEIDOSCOPE (Brass C.P)
VPH 118	KATER'S PENDULUM 1- Iron with 120cm long steel rod & wall bracket 2- Brass with 120cm long brass rod & wall bracket
VPH 119	KELVIN DOUBLE BRIDGE (Student Model) Complete Setup
VPHN11	KELVIN DOUBLE BRIDGE (Industrial) Complete Setup
VPH 120	KUNDT'S TUBE APPARATUS For showing the wave length of vibrations in air in a close tube by the lycopodium powder, on wooden board with 1 meter glass tube
VPHN11	LACTOMETER

Sr. No.	Items
VPHN12	LAMP HOUSE
VPH 121	LAMP & SCALE (Works on 220V, AC mains)
VPH 122	LEAD ACCUMULATOR (Battery) 1- 2V-20AH 2- 2V-45AH 3- 6 Volt
VPH 123	LECHLENCHEE CELL (Complete) With Filled Porous Pot, Zinc Rod & Plastic / Glass Jar 1- Electronic Leclanche Cell(Output 1.5VDC)
VPH 124	LEE'S CHARLTON'S CONDUCTIVITY APPARATUS 1- All Brass 2- Iron Plates
VPH 125	LENS SET OF 6 (50mm)
VPH 126	LENS HOLDER, Wooden 'V' Shaped
VPH 127	LENS HOLDER WITH BASE (All Metal) IRON 1- LENS HOLDER (Spring Type) BRASS
VPH 128	LIGHT TRAVEL IN STRAIGHT LINE (Set of 3) Wooden
VPH 129	LINEAR EXPANSION APPARATUS It consists of a 50cm long pipe & 2.5cm Dia. With opening for thermometer fitted with spherometer 1- Brass Pipe 2- Iron Pipe
VPH 130	MAGDEBURG HEMISPHERE (Aluminum), Dia. 75mm
VPH 131	MAGNOSCOPE (Bench Magnifier)
VPHN75	MAGNINE WIRE, 100gm
VPH 132	MAGNETIC NEEDLE (75mm) with Stand 1- With Aluminum Stand 2- With Plastic Stand 3- Magnetic Needle (75mm)
VPH 133	MAGNETIC FIELD APPARATUS (5, 10, 20 Turns)
VPH 134	MAGNIFIER (Metal Frame) 1- 1.5" 2- 2" 3- 3" 4- 4" 5- Magnifier (Bakelite Handle), 3" 6- Magnifier with Light (Imported)
VPH 135	MARINER COMPASS (Jumble Type)
VPH 136	MAX. & MIN. THERMOMETER (Plastic Base)
VPH 137	MAXWELL VIBRATION NEEDLE, Graduated (Brass) To determine the Modulus of Rigidity of a material, Provided with wall bracket
VPH 138	MAXWELL VIBRATION NEEDLE STAND
VPH 139	MELDE'S APPARATUS Supplied with scale pan, bench clamp with pulley but without weight & thread 1- OSAW Type 2- INCO Type
VPH 140	MERCURY VAPOUR LAMP (80W or 125W) Works with Chowk 1- Mercury Lamp (Works without Chowk)

Sr. No.	Items
VPH 141	MERCURY LAMP WOODEN BOX FITTED WITH CHOWK 1- Mercury Lamp Wooden Slit Box Fitted without Chowk
VPH 142	MERCURY (1000gm) Price can vary as per Market Fluctuation
VPH 143	METER BRIDGE (Wheatstone Bridge) 1- With Pencil Jockey (Sunmica Base) 2- With Pencil Jockey (Teak Wood Base) 3- With Spring Jockey (Sunmica Base) 4- With Spring Jockey (Teak Wood Base) 5- Heavy Sunmica Base to avoid bending(with pencil jockey) 6- Heavy Sunmica Base to avoid bending(with spring jockey)
VPH 144	METAL BLOCK RECTANGULAR, 4x3x2cm (Aluminum)
VPH 145	METER SCALE 1- ONE Meter, Routine Quality 2- ONE Meter, Superior Quality 3- Half Meter, Routine Quality 4- Half Meter, Superior Quality
VPH 146	MICRO-AMMETER DC 1- Range 500uA 2- Range 50, 100, 250, 300uA (any one range)
VPH 147	MICRO AMMETER DC 1- Range 500uA 2- Range 50, 100, 250, 300uA (any one range)
VPH 147/B	MICRO AMMETER DC 1- Range 500uA 2- Range 50, 100, 250, 300uA (any one range) 3- EDM-100, 500uA
VPH 148/A	MILLI-AMMETER DC, (any one range) Range 0-50, 100, 250, 500mA 1- MO-65 2- MO-65 3- EDM-80 SQUARE
VPH 148/B	MILLI-VOLTMETER DC (any one range) Range 150, 250, 500mV 1- MO-65 2- MO-65 3- EDM-80 SQUARE
VPH149/A	MIRROR STRIP, 4"x1", with Plastic Stand
VPH149/B	MIRROR STRIP Mounted on Wooden Base
VPH 150	MODELS FOR DEMONSTRATION 1- Bio Glass Plant 2- Solar Cooker 3- Steam Engine Cut Section (All Metal) with Acrylic Plate 4- Steam Engine Model(Small) 5- Steam Engine working Model with Electric Heater (Boiler Type) 6- Petrol Engine 2 Stroke 7- Petrol Engine 4 Stroke 8- Diesel Engine 2 Stroke 9- Diesel Engine 4 Stroke 10- Vernier Calliper Model(All Wooden) 11- Water Turbine working Model(All metal) 12- Wind Mill (Big Size) 13- Wind Mill (2 parts) in wooden box New Design Superior Quality 14- Spherometer (Metallic Large Size) 15- Screw Gauge Model(Micrometer), Metallic Large Size

Sr. No.	Items
VPH 150	16- Nuclear Reactor in Acrylic Case 17- Nuclear Fission in Acrylic Case 18- Nuclear Chain Reaction in Acrylic Case 19- Electrolysis Apparatus/ Electroplating Apparatus 20- Rocket/ Space Shuttle Model 21- Spectroscope (Wooden) 22- Electronic Component Kit 23- Satellite Model 24- Traffic Light Signal Model 25- Blast Furnace Model 26- Conservation of Energy/ Momentum (Working Model) 27- Fleming Left Hand Rule (with manual) 28- Fleming Right Hand Rule (with manual) 29- Hydro Power Model 30- BUCKY BALL (In Acrylic Showcase) 31- NANO-TUBE (In Acrylic Showcase)
VPH 151	MULTIMETER 1- Digital 2- Analog
VPH 152	NEWTON COLOUR DISC, with rotating wheel on stand 1- 6" Disc (Regular Quality) 2- 8" Disc (Superior Quality)
VPH 153	NEWTON LAW OF COOLING 1- University Pattern 2- School Pattern, Bras Sheet 3- School Pattern, G.I Sheet
VPH 154	NEWTON'S LAW OF MOTION 1- First Law 2- Second Law 3- Third Law
VPH 155	NEWTON RING APPARATUS 1- Combination of two lenses in Aluminum Frame 2- Wooden stand with inclined glass plate NOTE: The above are used in Six Position Vernier Microscope (PH260)
VPH 157	NEWTON RING MICROSCOPE (Compact model)
VPH 158	NICHOLSON HYDROMETER
VPH 159	NICHROME WIRE (Resistance Wire), 100gm
VPHN80	NICOLE PRISM 1- 10mm 2- 15mm 3- 25mm
VPH 160	NODAL SLIDE ASSEMBLY, w/o Optical Bench
VPHN85	OHM'S METER
VPH 161	ORSTED'S APPARATUS (Law Electromagnetism)
VPH162/A	OPTICAL BENCH (All Wooden)
VPH162/B	OPTICAL BENCH (Metal Double Rod) 1- Brass Pipe, 1 meter long(Half Shape Riders) 2- Brass Pipe, 1.5 meter long(Half Shape Riders) 3- Iron Rod, 1 meter Long(Ordinary) 4- Iron Rod, 1.5 meter Long(Ordinary) 5- S.S Rod, 1 meter Long(Half Shape Riders) 6- S.S Rod, 1.5 meter Long(Half Shape Riders)

Sr. No.	Items
VPH162/C	OPTICAL BENCH HEAVY(Full Shapered) 1- Brass Pipe, 1 meter long 2- Brass Pipe, 1.5 meter long 3- S.S Rod, 1 meter Long 4- S.S Rod, 1.5 meter Long 5- Rail Type 1 meter long Optical Bench (Expert Pattern) 6- Rail Type 1.5 meter long Optical Bench (Expert Pattern)
VPH 163	RESEARCH OPTICAL BENCH (Complete)
VPH 164	OVER FLOW VESSEL 1- Plastic 2- G.I Sheet
VPH 166	PARALLELOGRAM APPARATUS (Gravesand's Apparatus) With three slotted weights of 250gms & two z-pulley 1- Wall Type 2- Stand Type (Wooden) 3- All Metal (Gujarat Type)
VPH 167	PARALLAX PIN(Optical Needle), 100mm Iron, C.P
VPH 168	PARALLAX PIN (optical Needle Stand)
VPH 169	PASCAL LAW (Glass), Shows pressure is transmitted equally in all direction
VPH 170	PRESCOPE (Wooden)
VPHN87	PERSISTENCE OF VISION APPARATUS(Bird in cage App.)
VPH 172	PINCH CLIP 1- Iron, Mohr Type 2- Iron, Hoffman (Screw Type)
VPH 173	PIN HOLE CAMERA (Wooden)
VPH 174	PITH BALL PENDULUM (On Stand)
VPH 175	PLATINUM RESISTANCE THERMOMETER
VPHN90	DIRECT VISION SPECTROSCOPE (Hand Spectroscope) BRASS
VPH 176	PLUG KEY 1- One way with Brass Block, Routine Quality 2- One way with 1/2" Brass Block, Superior Quality 3- Two way with Brass Block, Routine Quality 4- Two way with 1/2" Brass Block, Superior Quality 5- Three Way with Brass block, Routine Quality
VPH 177	PLUMB LINE (BRASS)
VPH 178	POISSON'S RATIO OF RUBBER APPARATUS
VPH 179	POLARIMETER 1- Laurent's half Shade 2- Bi-Quartz 3- Research Model Half Shade, 220mm Tube
VPH179/B	DIGITAL POLARIMETER
VPH 180	SPARE POLARIMETER TUBE, 200mm
VPH 181	POLAROID (Polarizer & Analyzer) 1- Routine Quality (Aluminum Simple Type) 2- Superior Quality (All Brass) Graduated

Sr. No.	Items
VPH 182	POHL'S COMMUTATOR
VPH 183	POROUS POT (Porcelain) 1- Empty, 150x50mm 2- Filled for Lechlanche Cell
VPH 184	POST OFFICE BOX (Constantan Coil) Plug Type 1- 3-Ratio (Routine Quality) 2- 3-Ratio, ½ Brass Block (Superior Quality) 3- 4-Ratio, Brass Block (Routine Quality)
VPH 185	POTENTIOMETER One meter long wooden board equipped with sunmica base. 1- 4-Wire with Pencil Jockey 2- 4-Wire with Spring Type Press Jockey 3- 10-Wire with Pencil Jockey 4- 10-Wire with Spring Type Press Jockey
VPH185B	POTENTIOMETER(Teakwood) 1- 4-Wire on Teakwood with Pencil Jockey 2- 4-Wire on Teakwood with Spring Type Press Jockey 3- 10-Wire on Teakwood with Pencil Jockey 4- 10-Wire on Teakwood with Spring Type Press Jockey
VPH185C	POTENTIOMETER (Pulley Type) for ease in tightening of wires 1- 4-Wire with Pencil Jockey on wooden board 2- 10-Wire with Pencil Jockey on wooden board
VPH 186	POTENTIOMETER DIAL TYPE (50cm Long) The dial consist of 10coils connected in series to the slide wire
VPH 190	PROOF PLANE
VPH 191/A	PULLEY (With Hook) Aluminum, Dia. 38mm 1- Single 2- Double(Parallel) 3- Triple(Parallel)
VPH 191/B	PULLEY (With Hook) Plastic, Dia. 38mm 1- Single 2- Double(Parallel) 3- Triple(Parallel)
VPH 192	RAIN GAUGE APPARATUS, Metal (With Plastic Cylinder) 1- Brass 2- G.I Sheet 3- 4- Plastic
VPHN95	RAYLEIGH'S BRIDGE (without Accessories) Provided with Ballastic Galvanometer, Fixed Power Supply 2vdc & unknown Resistance
VPHN96	RAYLEIGH'S BRIDGE (Complete setup) Provided with Ballastic Galvanometer, Fixed Power Supply 2vdc & unknown Resistance
VPH 193	READING TELESCOPE 1- On Stand, Routine Quality 2- With Scale Arrangement, Superior Quality
VPHN 97	REFLECTION OF LIGHT APPARATUS

Sr. No.	Items
VPHN98	REFLECTION OF SOUND APPARATUS 1- Small Size 2- Big Size
VPH 195	RESISTANCE BOX, (Brass) Plug Type Constantan Coil, 9mm Thick Brass Block (Routine Quality) 1- 0.1 to 1 or 1 to 10 Ohm(Any one) 2- 0.1 to 10 or 1 to 100 Ohm(Any one) 3- 1 to 500 Ohm 4- 1 to 1000 Ohm 5- 1 to 5000 Ohm 6- 1 to 10000 Ohm 7- 1 to 200 Ohm Constantan Coil, ½" Brass Block, Teak Wood case (Deluxe Quality) 1- 0.1 to 1 or 1 to 10 Ohm(Any one) 2- 0.1 to 10 or 1 to 100 Ohm(Any one) 3- 1 to 500 Ohm 4- 1 to 1000 Ohm 5- 1 to 5000 Ohm 6- 1 to 10000 Ohm Wire Wound Maganin Coil, ½" Brass Block, Teak Wood case (Superior) 1- 0.1 to 1 or 1 to 10 Ohm(Any one) 2- 0.1 to 10 or 1 to 100 Ohm(Any one) 3- 1 to 500 Ohm 4- 1 to 1000 Ohm 5- 1 to 5000 Ohm 6- 1 to 10000 Ohm
VPH 196	DECADE RESISTANCE BOX (Dial Type) 1- Single Dial, Each Dial consist of 10 steps 2- Double Dial, Each Dial consist of 10 steps 3- Triple Dial, Each Dial consist of 10 steps 4- Four Dial, Each Dial consist of 10 steps
VPH 197	RESISTANCE COIL 1- Any Range 1 to 100 Ohms in Round Bakelite case 2- Any Range 1 to 100 Ohms in Transparent Case 3- High Resistance, 1K, 2K, 5K & 10K
VPH 199	RESONANCE APPARATUS 1- With 25mm S.S Pipe & Reservoir
VPH 200	REVERSING KEY
VPH 201	RHEOSTAT (Brass Rod), 4.3cm Dia. Tube 1- Size 15cm: Cat. No. A201/7 to Cat. No A201/17 (2.3Amp to 0.3Amp in Chart Below) 2- Size 20cm: Cat. No. A201/7 to Cat. No A201/17 (2.3Amp to 0.3Amp in Chart Below) 3- Size 25cm: Cat. No. A201/7 to Cat. No A201/17 (2.3Amp to 0.3Amp in Chart Below) 4- Size 30cm: Cat. No. A201/7 to Cat. No A201/17 (2.3Amp to 0.3Amp in Chart Below) 1- Size 15cm: Cat. No. B201/1 to Cat. No B201/6 (8.0Amp to 2.8Amp in Chart Below) 2- Size 20cm: Cat. No. B201/1 to Cat. No B201/6 (8.0Amp to 2.8Amp in Chart Below) 3- Size 25cm: Cat. No. B201/1 to Cat. No B201/6 (8.0Amp to 2.8Amp in Chart Below) 4- Size 30cm: Cat. No. B201/1 to Cat. No B201/6 (8.0Amp to 2.8Amp in Chart Below)

Cat No.	Length Apm	15cms Ohms	20cms Ohms	25cms Ohms	30cms Ohms
B201/1	8.0	1.5	2.5	3.5	4.5
B201/2	6.5	3.0	4.5	6.0	7.5
B201/3	5.0	4.5	6.5	8.5	10.5
B201/4	4.2	8	12	16	20
B201/5	3.3	10	16	22	28
B201/6	2.8	15	22	29	35
A201/7	2.3	23	34	45	56
A201/8	1.8	34	55	74	92
A201/9	1.6	50	75	100	125
A201/10	1.4	64	96	128	160
A201/11	1.2	89	135	180	225
A201/12	1.0	116	175	235	295
A201/13	0.8	160	240	320	400
A201/14	0.6	270	400	540	680
A201/15	0.5	400	600	800	1000
A201/16	0.4	650	975	1300	1625
A201/17	0.3	1000	1650	2300	2850

Sr. No.	Items
VPH 202	RIGIDITY APPARATUS (Searle's) To find the modulated of rigidity for the material of wire with Two Brass Rods about 30cm long
VPH 202/B	RIGIDITY APPARATUS (Dynamic Method) Consist of Graduated iron rod of length 16" & diameter 1". Circular weight with screw is also provided. Supplied with cast iron wall bracket.
VPH 203	RIGIDITY STAND
VPH 204	RING & BALL APPARATUS (With Handle) 1- Ball 18mm 2- Ball 25mm
VPH 205	RING & BALL APPARATUS ON STAND (18mm)
VPH 206	RIPPLE TANK, (Regular Quality) 1- Size 30x30cm 2- Size 45x45cm
VPH 207	RISING TABLE (Complete) with Capillary Tube Clamp & side rod attachment NOTE: Used in Experiment: Surface Tension of liquid by capillary rise method
VPH 209	RUBBER HAMMER 1- Hammer with Rubber cork at one end of rod 2- Complete wooden with cork lining on Hammer Heads
VPH 210	RUBBER PAD (For Tuning Fork)
VPHN99	SCHERING BRIDGE (For Capacity Measurement)
VPH 212	SCREW GAUGE (Micrometer), Sand Blasted, L.C 1/100mm 1- 10mm 2- 15mm 3- 20mm 4- 25mm 5- 25mm, Superior Quality (In Plastic Box)
VPHN100	SCREW GAUGE (Micrometer), Stainless Steel Rod 1- 20mm 2- 25mm
VPH 213	SCREW GAUGE, with Locking Arrangement, 25mm

Sr. No.	Items
VPH 214	SEARLE'S APPARATUS (Young Modulus) 1- Iron 2- Brass 3- Spare Velvet Case for Above 4- Vernier Type
VPH 215	SEARLE'S SURFACE TENSION BALANCE
VPH 216	SEARLE'S THERMAL CONDUCTIVITY 1- 18mm, Copper Rod 2- 25mm, Copper Rod
VPH 217	SELF'S & MUTUAL INDUCTION COIL Primary-3000 Turns, Secondary-1000, 2000, 3000 Turns
VPH 218	SEXTANT (Brass Parts), with Stand
VPH 220	SIMPLE PENDULUM APPARATUS 1- 10" Long with 18mm brass bob (Light Pattern) 2- 18" Long on A-Base with 25mm brass bob (Heavy Pattern) 3- Stand Type (comprising of heavy base-rod & clamp, split cork & 1" brass bob with thread)
VPH 221	SIMPLE CELL (Voltaic Cell) Consists of Copper & Zinc Plate in Plastic Jar
VPH 222	SLIT FOR RESOLVING POWER (Micrometer Slit)
VPH 223	YOUNG'S SLIT 1- Single Slit 2- Double Slit
VPH 224	SLINKY SPRING 1- 75x50mm 2- 100x75mm
VPH 225/A	SLOTTED WEIGHT (With Hanger) Iron Chrome Plated 1- 50gm; 5x10gm 2- 100gm; 5x20gm 3- 250gm; 5x50gm 4- 500gm; 5x100gm 5- 1Kg; 5x200gm
VPH 225/B	SLOTTED WEIGHT (With Hanger) Brass Chrome Plated 1- 25gm; 5x5gm 2- 50gm; 5x10gm 3- 100gm; 5x20gm 4- 250gm; 5x50gm 5- 500gm; 5x100gm
VPH 225/C	SLOTTED WEIGHT (With Hanger) Iron Black Painted 1- Cap. 2.5Kg; 5x500gm 2- Cap. 5Kg; 5x1000gm
VPH 226	SODIUM VAPOUR LAMP SETUP 1- Sodium Vapour Lamp (35watt) 2- Sodium Lamp Box with Slits & Electrical Fitting(35Watt) 3- Sodium Lamp Transformer (35watt)
VPH 227	WORKING MODEL ON PRINCIPLE OF SOLAR ENERGY 1- Solar Bulb Model (in wooden case) 2- Solar Bulb Model (Economical) on plastic base 3- Solar Fan Model (in wooden case) 4- Solar Fan Model (Economical) on plastic base

Sr. No.	Items
VPH 227	5- Solar Energy Kit (4 in 1) Superior Quality wooden 6- Solar wind mill on house 7- Solar water heater 8- Solar water pump 9- Solar Audio/Radio 10- Solar Panel(Loose) with single output 2V, 100mA 11- Solar Panel(Loose) with single output 4V, 100mA 12- Solar Panel(Loose) with single output 8V, 100mA 13- Solar Energy Kit (plastic body)
VPH 229	SONOMETER 1- Soft Wood (Aluminum Fitting) 2- Teak Wood (Brass Fitting) 3- Soft Wood (Brass Fitting)
VPH 230	ELECTROMAGNET WITH TRANSFORMER FOR SONOMETER
VPH 231	ELECTROMAGNET FOR SONOMETER
VPH 233	SPECTROMETER (In Wooden Box) 1- 6" Routine Quality 2- 6" Superior Quality 3- 7" Deluxe Pattern 4- 6" Deluxe Pattern
VPH 234	SPECTROMETER PRISM (32x32mm) 1- Crown, R.I 1.5 2- D.Flint, R.I 1.62 3- E.D.F, R.I 1.65 4- D.E.D.F., R.I 1.71
VPH 234B	SPECTROMETER PRISM (25x25mm) 1- Crown, R.I 1.5 2- D.Flint, R.I 1.62 3- E.D.F, R.I 1.65
VPH 235	SPHEROMETER, Brass 1- Single Disc 1/100mm 2- Double Disc 1/100mm 3- Double Disc, Heavy Pattern (Superior)
VPH 236	SPIRAL SPRING (Helical) For Spring Constant Experiment
VPH 237	SPIRIT LEVEL 1- 6" or 4" Plastic 2- 2" Brass 3- 3" Brass
VPH 238	SPRING BALANCE 1- Plastic Body, 100/250/ 500/1000gm (any one range) 2- Tubular Acrylic, 100/ 250/ 500/ 1000gm (any one range)
VPH 239	SPOT REFLECTING GALVANOMETER, 125 Ohm
VPH 240	STANDARD CELL (Electronic Version) EMF 1.0186V
VPH 242	STEAM BOILER (Copper) 1- Capacity 1Ltr. 2- Capacity 2Ltr.
VPH 243	STEAM GENERATOR (Copper) 1- Capacity 1Ltr. 2- Capacity 2Ltr.
VPH 244	STEEL WIRE (100gm)
VPH 245	STEWART & GEE'S APPARATUS (All Metal)
VPH 246	STOP CLOCK, METAL Body (60min.)
VPH 247	STOP WATCH 1- Mechanical 1/10 Sec, Diamond Make (Heavy Quality) 2- Digital 1/100 Sec, Racer Make 3- Digital 1/100 Sec, Routine Quality

Sr. No.	Items
VPH 248	TANGENT GALVANOMETER 1- Brass 2,50,500 Turns, Superior Quality 2- Aluminum, Routine Quality
VPH 249	TAPPING KEY 1- Single Contact 2- Double Contact
VPH 250	THERMOMETER (30cm Length) 1- -10 to 110C, Mercury 2- -10 to 250C or 360C, Mercury(any one) 3- -10 to 220F, Mercury 4- -10 to 80R, Mercury 5- -10 to 110C, Alcohol
VPH250B	DIGITAL THERMOMETER -50 to +300DegC (Imported) with Probe
VPH 251	THERMOMETER (Precision) -10 to 110C, Div. 1/10 Mercury, 18" long
VPH 252	THERMOCOUPLE (Copper-Constantan)
VPH 253	TICKER TAPE TIMER APPARATUS (With Paper Tape)
VPH 254	TORSION PENDULUM 1- Dia. 5", Brass, with wall bracket 2- Dia. 6", Aluminum, with wall bracket
VPH 255	TRAVELLING MICROSCOPE, L.C 0.01mm 1- 2- Motion, in wooden box (Regular Quality) 2- 2- Motion, in wooden box (Superior Quality) 3- 3- Motion, in wooden box (Superior Quality)
VPH 256	TRIPLE BEAM BALANCE 1- Cap. 111gms, on mica base 2- Cap. 310gms, on mica base 3- Cap. 2610gms, on mica base
VPH 257	TUNNING FORK (Set of 8) 1- In Thermocouple Box, Routine Quality 2- In Thermocouple Box, Superior Quality 3- Welch Type, In Velvet Box 4- Tunning Fork Loose
VPH 257/B	TUNNING FORK, DELUXE Quality (Set of 8) with Calibration Certificate 1- Blue Steel 2- Aluminum (Light Pattern) 3- Aluminum (Heavy Pattern)
VPH 258	VARIAC/ DIMMERSTATE/ AUTO TRANSFORMER 1- Single Phase, 2Amp 2- Single Phase, 4Amp
VPHN105	VANDE GRAF GENERATOR (Motorized)
VPH 259	VERNIER CALLIPER 1- Wheel Type, 12cm Chrome Plated 2- IME Type, 12cm Chrome Plated 3- Wheel Type, 12cm Stainless Steel 4- Vernier Calliper Imported, Digital L.C 0.01mm
VPH 260	VERNIER MICROSCOPE (Six Position in Wooden Box)
VPH 261	VIBRATION MAGNETOMETER (Brass)
VPHN106	VISCOSITY OF LIQUID (Searle's Pattern) SEARLE'S VISCOMETER

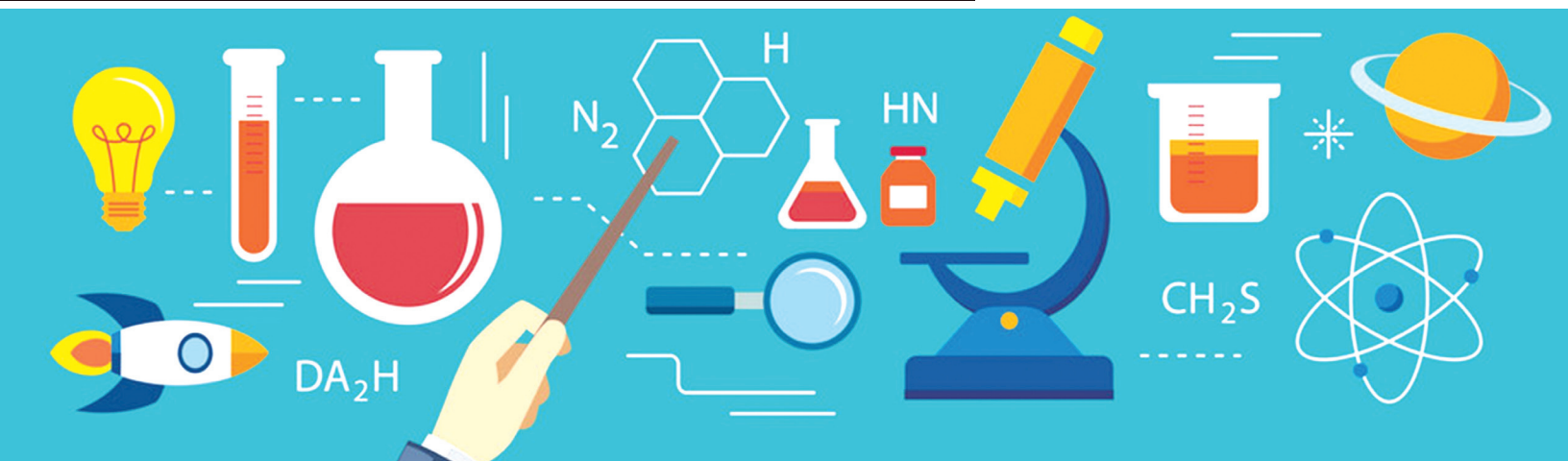
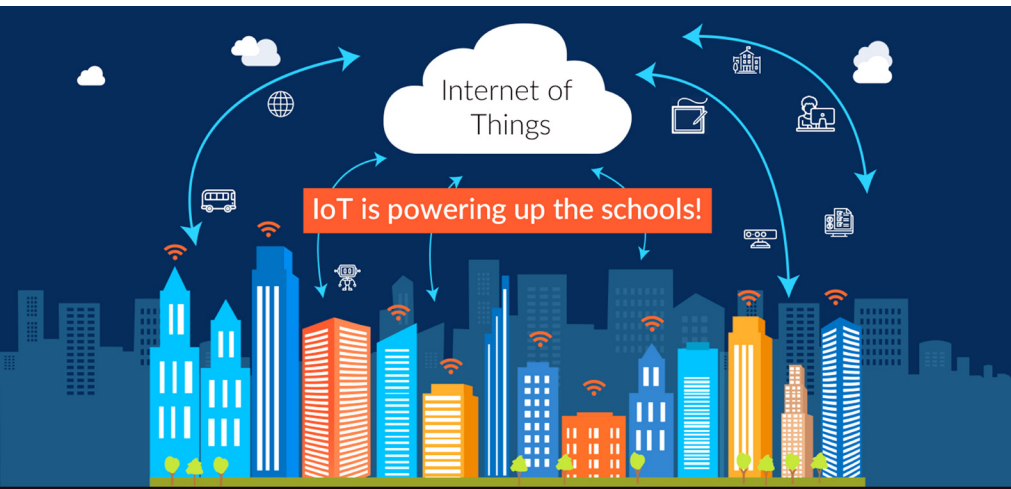
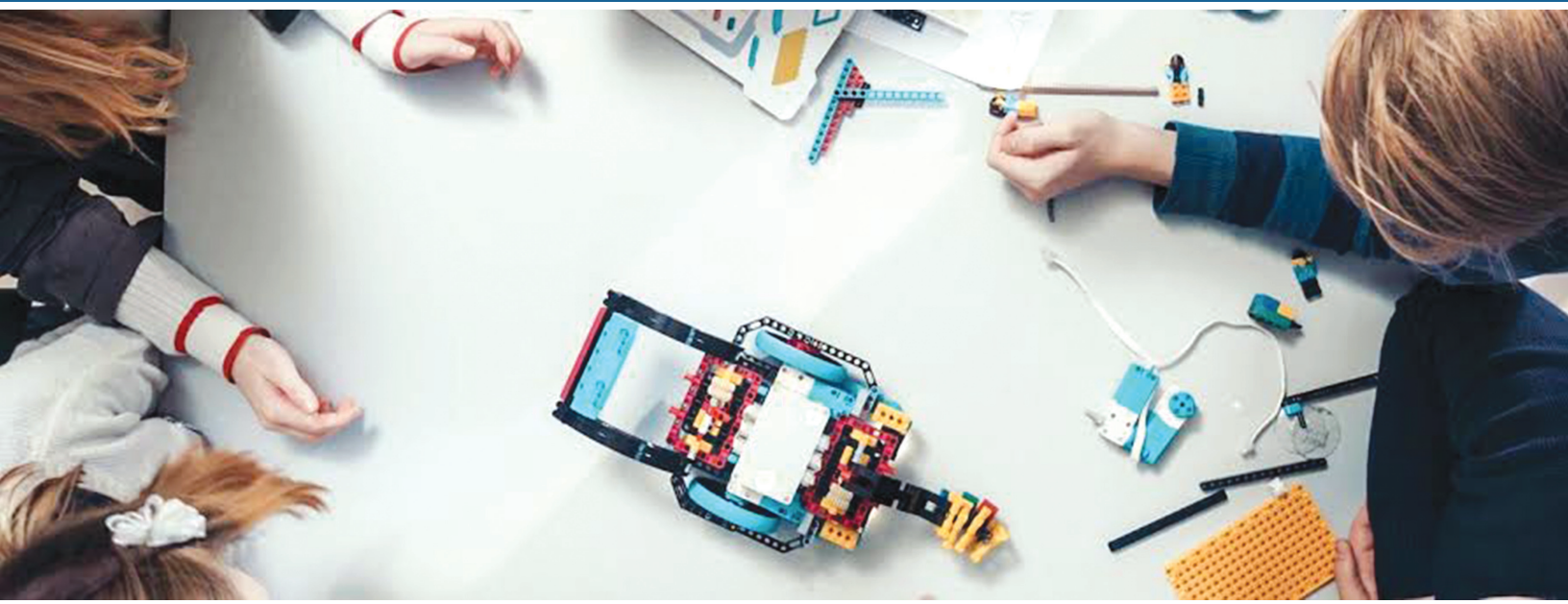
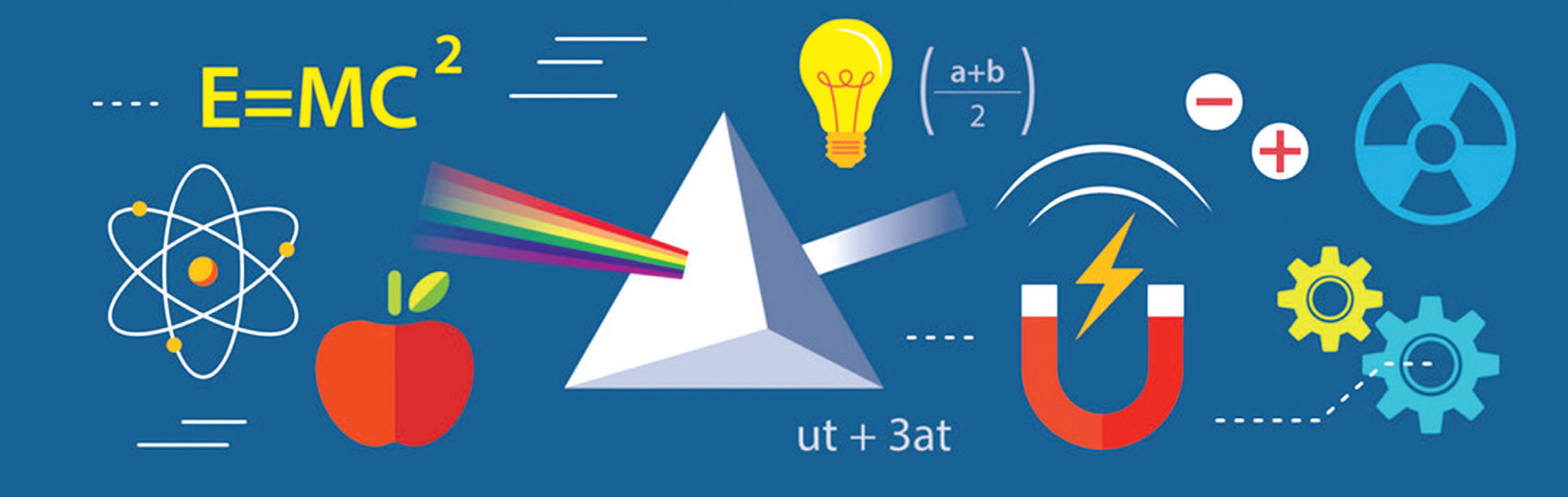
Sr. No.	Items
VPH 262	VISCOSITY APPARATUS (Stoke's Law) 1 Meter tube of 35mm Dia. To fit in metal stand 1- Provided with Borosilicate Glass Tube 2- Provided with Graduated Acrylic Tube(Unbreakable)
VPH 263	VISCOSITY APPARATUS (Poiseulles)
VPH 264	VOLTMETER (MO-65), LABTOP Make (any one range)Round Dial 1- DC with stand, Range 0-1, 3, 5, 10, 12, 25, 50, 100, 250, 500V 2- AC with Stand, Range 0-3, 5, 10V
VPH 265	VOLTMETER (MO-65), OXFORD Make (any one range) 1- DC with stand, Range 0-1, 3, 5, 10, 12, 25, 50, 100, 250, 500Volt 2- AC with Stand, Range 0-3, 5, 10V
VPH 265/B	VOLTMETER (EDM-80), SQUARE (any one range) 1- DC with stand, Range 0-1, 3, 5, 10, 12, 25, 50, 100, 250, 500Volt 2- AC with Stand, Range 0-3, 5, 10V 3- DC(EDM-100) Big Rectangular Dial
VPH 266	VOLTIC CELL (with Copper & Zinc Plate)
VPH 267	WATER LEVEL APPARATUS on Base
VPHN107	WHEEL & AXLE MODEL(Wooden)
VPH 268	WATER VOLTAMETER 1- Cup Shape with tubes & Platinum Electrode 2- Routine Quality 3- Acrylic Type
VPH 269	WAVE MOTION MACHINE (Hand Operated) For Demonstration Longitudinal & Transverse waves 1- 18 Pulleys on Wooden Base 2- 24 Pulleys on Wooden Base
VPH 270	WEIGHT BOX (Physical) 1- Iron C.P, 1gm to 100gm 2- Brass C.P, 1gm to 100gm 3- Brass C.P, 1gm to 200gm
VPH 270/B	WEIGHTS of PHYSICAL Weight Box (Brass) 1- 1gm 2- 2gm 3- 5gm 4- 10gm 5- 20gm 6- 50gm 7- 100gm
VPH 271	WHEATSTONE BRIDGE (Portable)
VPH N125	WIND WANE 1- Big Size 2- Small Size(Ordinary) 3- Medium Size
VPH 272	WIRE GAUGE SCREEN (Wooden)
VPH 273	WOODEN CUBE/ CYLINDER/ SPHERE (any one)
VPH 274	Z-PULLEY (Pulley Clamp Pattern)
VPHN400	ZINC METAL GRANULAR 1- Local Packing, 500gm 2- NICE Chemical Make, Granular A.R Grade 250gm Pack
VPH 275	ZINC PLATE (with Thick Terminals)
VPH 276	ZINC ROD (with Terminals, Dia. 9mm)

Sr. No.	Items
VPH 450	ZEEMAN EFFECT (Complete Experimental Setup)
VPH 452	'G' BY FREE FALL APPARATUS
VPH 457	WOODEN WEDGE, HEIGHT 5" (Triangular)
VPH 462	DYNAMIC TROLLEY
VPH 469	LINEAR AIR TRACK APPARATUS 1.25 meter (Complete setup)
VPH 472	WIMSHURT MACHINE (12")
VPH 600	ELECTRO MAGNETIC KIT
VPH 650	WORKING MODELS FOR STUDENT PROJECTS 1- Global Warming Models 2- Night sensor Model 3- Wind Mill Project 4- Rain Water Harvesting 5- Purification of Water using still method 6- Earth Quake Model 7- Speed Braker Electricity Producing Model
VPH 676	CAPILLARY TUBE (Set of 3 Different Dia.) 6" Length

ELECTRONICS

Sr. No.	Items
VEI 002	BATTERY ELIMINATOR (Superior Quality)DC 1- 2-12 VDC, 1Amp 2- 2-12 VDC, 2Amp 3- 2-12 VDC, 3Amp 4- 2-12 VDC, 5Amp
VEI 003	BREAD BOARD
VEI 100	BREAD BOARD TRAINER KIT 1- Bread Board with Power supply (General Purpose) 2- Digital Electronic Circuit Trainer
VEI 004	B.H.CURVE APPARATUS
VEI 005	BATTERY ELIMINATOR (IC Regulated) 1- 2-12 VDC, 1Amp 2- 2-12 VDC, 2Amp 3- 2-12 VDC, 3Amp
VEI 006	BATTERY CHARGER (Superior Quality) 1- 2-12 VDC, 1Amp 2- 2-12 VDC, 2Amp
VEI 007	CHARGING & DISCHARGING OF CONDENSER APPARATUS
VEI 009	CONVERSION OF GALVANOMETER INTO VOLTMETER
VEI 010	CONVERSION OF GALVANOMETER INTO AMMETER
VEI 011	CONVERSION OF GALVANOMETER INTO VOLTMETER & AMMETER
VEI 051	DEMORGAN'S THEOREM
VEI 110	DIELECTRIC CONSTANT APPARATUS (SOLID)
VEI 120	e/m BY HELICAL METHOD(Long Solenoid) Apparatus
VEI 130	e/m BY MILLIKAN OIL DROP METHOD Apparatus

Sr. No.	Items
VEI 015	e/m BY THOMPSON METHOD (bar magnet) Apparatus
VEI 016	ENERGY BAND GAP APPARATUS
VEI 023	IONIZATION POTENTIAL OF MERCURY KIT
VEI 027	OHMS LAW 1- Basic 2- With Power Supply
VEI N39	PORTABLE METER 1- AC/ DC voltmeter 0-15, 30, 60, 600VAC (any one range) 2- Dual Range AC/DC voltmeter e.g. 300/600VAc (any one range) 3- DC voltmeter 0-1,3,5,...600Vdc (any one range) 4- Dual Range DC voltmeter 0-5/10,... 300/600VDC (any one range) 5- AC/DC Ammeter 0-1, 2, 5, ..50A (any one range) 6- Dual Range AC/Dc Ammeter 0-1/2, ...15/30A (any one range) 7- DC Ammeter 0-1, 2, 5, ...50A (any one range) 8- Dual Range DC Ammeter 0-1/2, 2.5/5, ...15/30A (any one range)
VEI N40	AC/ DC COMBINED METER (Moving Coil) 1- AC/DC Voltmeter, 0-2V to 600V (any one range) 2- AC/DC Ammeter, 0-1 to 1000mA (any one range) 3- AC/DC Ammeter, 10Amp 4- AC/DC Milli Ammeter, 0-1 to 1000mA (any one range)
VEI 029	PHOTOCELL CHARACTERISTIC APPARATUS 1- With ½ meter wooden plank 2- Without wooden plank (optical bench mount type)
VEI 206	SOLAR CELL CHARACTERISTICS APPARATUS
VEI N47	SOUND LEVEL METER (Decibel Meter) Digital
VEI 240	THERMISTER CHARACTERISTICS APPARATUS
VEI N53	WATT METER (Portable) 1- Single Phase Analog (Any one Range like PC: 300V, CC:10Amp) 2- Three Phase Analog (Any One Range) 3- Single Phase Analog (Dual Range) eg. PC: 75/150V, CC: 5/10Amp 4- Single Phase Digital, 100-1000Watt e.g PC:300V, CC: 5Amp 5- Three Phase Digital, 400V, 4 wire with CT, CC:5Amp
VEI 052	WORK FUNCTION OF DIODE (Richardson Equation Kit)
VEI 053	ZENER DIODE CHARACTERISTICS APPARATUS 1- Complete kit with two meters on board (Superior) 2- GUJRAT Type (Superior) Loose kit
VEI 310	ZENER DIODE AS VOLTAGE STABILIZATION KIT



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