

INDEX

S.No	Name of Lab	Number of Labs
1	Pharmacy Lab	15
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3	Physics Lab	3
4	Bio-Science Lab	3
5	Computer Lab	6
6	Cad, 3D Printer Lab & CNC Lab	2
7	Civil Engineering Lab	10
8	ECE Lab	8
9	Mech. Engineering Lab	21
10	Architecture Lab	3
11	Renewable Energy & Research Centre	1
12	Language Lab	1
13	Workshop	7
14	Yoga & Naturopathy Centre	4
15	Nursing Lab	6
16	Photography Lab	1
17	Music Room	1
18	Homeopathy	5
19	Ayurvedic	14
20	Paramedical Lab	5

Total Labs = 120



SHRI JAGDISHPRASAD JHABARMAL TIBREWALA
UNIVERSITYCHUDELA JHUNJHUNU
RAJASTHAN

PHARMACY

LAB

Details of Pharmacy Lab.

B. Pharmacy Lab

S. No.	Name of Lab.
1.	Pharmaceutics Lab- I
2.	Pharmaceutics Lab-II
3.	Machine Room
4.	Pharmaceutical Chemistry Lab- I
5.	Pharmaceutical Chemistry Lab-II
6.	Pharmaceutical Analysis Lab
7.	Pharmacognosy Lab
8.	Pharmacology Lab
9.	Human Anatomy and Physiology Lab
10.	Pharmaceutical Biotechnology Lab
11.	Central Instrumentation Lab

D. Pharmacy Lab.

S.No.	Name of Lab.
1.	Pharmaceutics & Pharmaceutical Practice Lab.
2.	Pharmaceutical Chemistry Lab.
3.	Pharmacognosy Lab.
4.	Human Anatomy Physiology and Pharmacology Lab.

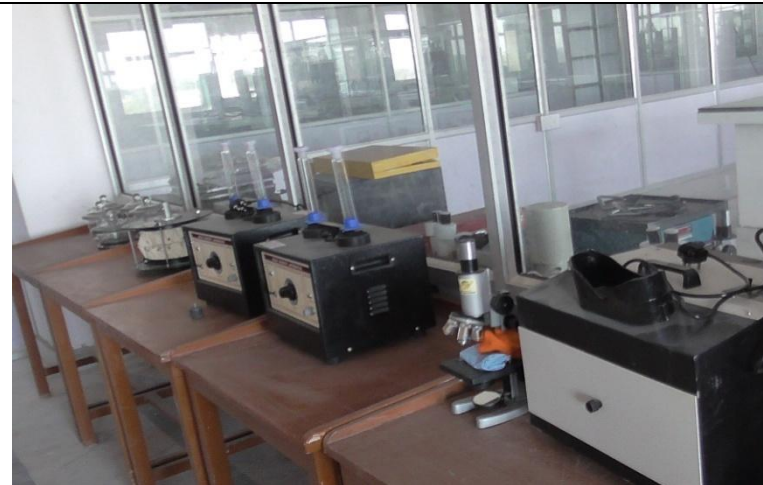
Total No. of Lab=15

Department of Pharmacy

B. Pharma Labs

Pharmaceutics-I Lab

The lab is used for the study of formulations of various dosage forms like solid, liquid, semi solid and other dosage forms. There are many instruments like stalago monometer, viscometer, pH meter etc.



Pharmaceutics-II Lab

Pharmaceutics lab consists of Digital Balance, Sieve shaker, Brook field Viscometer, B.O.D. incubator, filtrations units, projection microscope etc.



Pharmaceutical Chemistry-I

Pharmaceutical Chemistry lab I is well equipped with microwave oven, incubator, mechanical stirrer, distillation unit, hot air oven, magnetic stirrer, muffle furnace etc. these very useful for various synthetic reaction and element detection and limit tests of heavy metal, arsenic.



Pharmaceutical Chemistry-II

Pharmaceutical Chemistry lab II is well equipped with heating metal, analytical balance, glassware (RBF, three neck flask, conical flask etc.



Machine Room

Houses most modern equipments and machinery used for pilot project, formulation and development studies in Injectables, Tablet, Capsule, Liquid orals and Ointment sections. The major equipments include Rotary and Multipunch, tablet compression machine, mass mixer, tray dryer, double cone mixer, multimill, coating and polishing pans. Hardness tester, dissolution apparatus and sifters and ball mill. The layout and construction of area is as per Food and Drug Administration and GMP requirement.



**CIR (Central Instrumentation Room)
Lab**

CIR Lab mainly contains very sophisticated instruments that include Double Beam UV Spectrophotometer, HPLC, Colorimetry, pH Meter, Conductivity meter Potentiometer etc. The instruments are mainly useful for assaying drug contents, impurities and stability studies



Pharma Biotechnology Lab

Various practical on analysis of biochemical constituents of body, pharmaceutical formulations & drug products are performed.



Pharma Analysis Lab

Various practical on analysis of biochemical constituents of body, pharmaceutical formulations & drug products are performed.



H.A.P. Lab

The H.A. P. lab is equipped with various models, charts, sphagamonometer, Hemocytometer, stethoscope etc. the instruments are used to check B. P. Heartbeat, RBC Count Heamoglobin Content etc.



Pharmacology Lab

The Pharmacology lab consists of equipments to identify the activity of various drug samples.

These include Digital Actophotometer, Eddy's Hot plate, Histamine Chamber, Plethysmograph, Cook's Pole Climbing Apparatus,

Convulsiometer, Pyrogen Telethermometer and Single and Double organ Bath with Kymograph to study the effect of drugs on animals. Moreover the college has started experiment conduction on simulated softwares.



Pharmacognosy Lab

Provides adequate facilities for training in pharmaceutical biology, identification and standardization of crude drugs and phytochemical screening. It is equipped with instruments like Soxhlet Apparatus and Clavengers Apparatus for extraction and isolation of crude drugs, Microtome for cutting fine section of the drugs, Bio-Visual aids like - Permanent Slides, Compound and Dissecting Microscope, Medicinal plant charts, Visualizing wooden cabinets of crude drugs etc.



D. Pharma Lab

Pharmaceutics and Pharmacy Practice

Trains the students in pharmaceutical industrial technology. This lab contains Ampoule filling sealing, Roches friablator, Disintegrator, dissolution apparatus ointment filling tubes etc.



Pharmaceutical Chemistry

The chemistry lab is setup mainly for D & B Pharm students that contains hot plates, glasswares, heating mantles, analytical balances etc.



Pharmacology Lab

The Pharmacology lab consists of equipments to identify the activity of various drug samples. These include Digital Actophotometer, Eddy's Hot plate, Histamine Chamber, Plethysmograph, Cook's Pole Climbing Apparatus, Convulsiometer, Pyrogen Telethermometer and Single and Double organ Bath with Kymograph to study the effect of drugs on animals. Moreover the college has started experiment conduction on simulated softwares.



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Provides adequate facilities for training in pharmaceutical biology, identification and standardization of crude drugs and phytochemical screening. It is equipped with instruments like Soxhlet Apparatus and Clavengers Apparatus for extraction and isolation of crude drugs, Microtome for cutting fine section of the drugs, Bio-Visual aids like - Permanent Slides, Compound and Dissecting Microscope, Medicinal plant charts, Visualizing wooden cabinets of crude drugs etc.



JJT University

Instruments Available

PHARMACEUTICS LAB. (D.Pharm.):

S. N.	Name of Instrument	Nos.
1.	Continuous Hot Extraction Equipment (single unit)	05
2.	Conical Percolator	05
3.	Tincture Press	01
4.	Hand Grinding Mill	01
5.	Disintegrator	01
6.	Polishing pan laboratory size (Pan only)	01
7.	Monsanto's hardness tester	01
8.	Pfizer type hardness tester	01
9.	Tablet disintegration test apparatus IP	01
10.	Tablet dissolution test apparatus IP	01
11.	Granulating sieve set (10 no. & 12 no.)	05+05
12.	Tablet counter – small size	05
13.	Friability tester	01
14.	Collapsible tube – Filling equipment	01
15.	Collapsible tube – Sealing equipment	01
16.	Capsule filling machine – Lab size	01
17.	Distillation unit for distilled water	02

S. N.	Name of Instrument	Nos.
18.	Deionisation unit	01
19.	Glass distillation unit for water for injection	01
20.	Ampoule washing machine	01
21.	Ampoule filling and sealing machine	01
22.	Sintered glass filters for bacteria proof filtration (four different grades)	02 each
23.	Millipore filter (3 grades)	02 each
24.	Autoclave	01
25.	Hot air sterilizer	01
26.	Incubator	01
27.	Aseptic cabinet	01
28.	Ampoule clarity test equipment	01
29.	Lab Centrifuge	01
30.	Ointment slab	20
31.	Ointment spatula	20
32.	Pestle and mortar porcelain	20
33.	Pestle and mortar glass	20
34.	Suppository moulds of three sizes	20 each
35.	Refrigerator	01
36.	Tablet punching machine	01
37.	Ball mill	01

PHARMACEUTICAL CHEMISTRY LAB. (D.Pharm.):

S. N.	Name of Instrument	Nos.
1.	Refractometer	01
2.	Polarimeter	01
3.	Photoelectric colorimeter	01
4.	pH- meter (Pen type)	01
5.	Periodic table chart	01
6.	Pestle mortar (Porcelain)	10

PHYSIOLOGY & PHARMACOLOGY LAB. (D.Pharm.):

S. N.	Name of Instrument	Nos.
1.	Haemoglobinometer	20
2.	Student's organ bath	01
3.	Frog board	05
4.	Frontal writing lever	10
5.	Aeration tube	01 roll
6.	Telethermometer	01
7.	Simple lever	10
8.	Sterling heart lever	10
9.	Histological Slides	50
10.	First aid equipment	05
11.	Dissecting (surgical) instruments	10
12.	Balance for weighing small Animals	01
13.	Kymograph paper	01 roll
14.	Thermometer	20
15.	Plastic animal cage	05+05
16.	Double unit organ bath with thermostat	01
17.	Refrigerator	01
18.	Digital balance	01
19.	Anatomical specimen (Heart, brain, eye, ear, reproductive system etc.,)	01 set
20.	Electro-convulsimeter	01
21.	Stop watch	10
22.	Clamp, boss heads, screw clips	10each
23.	Syme's Cannula	10
24.	Animal operation table	01

PHARMACOGNOSY LAB. (D.Pharm.):

S. N.	Name of Instrument	Nos.
1.	Projection Microscope	01
2.	Charts (different types)	15
3.	Models (different types)	01 each
4.	Permanent Slides	10
5.	Slides	10
6.	Cover Slips	20

PHARMACY PRACTICE LAB. (D.Pharm.):

S. N.	Name of Instrument	Nos.
1.	Colorimeter	2
2.	Microscope	03
3.	Permanent slides (skin, kidney, pancreas, smooth muscle, liver etc.,)	10
4.	Watch glass	12
5.	Centrifuge	1
6.	Biochemical reagents for analysis of normal and pathological constituents in urine and blood facilities	Adequate
7.	Filtration equipment	2
8.	Filling Machine	1
9.	Sealing Machine	1
10.	Autoclave sterilizer	1
11.	Membrane filter	1 Unit
12.	Sintered glass funnel with complete filtering assemble	01
13.	Small disposable membrane filter for IV admixture filtration	01
14.	Laminar air flow bench	1
15.	Vacuum pump	1
16.	Oven	1
17.	Surgical dressing	1
18.	Incubator	1
19.	pH meter	1
20.	Disintegration test apparatus	1
21.	Hardness tester	1
22.	Centrifuge	1
23.	Magnetic stirrer	1
24.	Thermostatic bath	1

HARMACOLOGY LAB. (B.Pharm.):

S. N.	Name of Instrument	Nos.
1.	Microscopes	15
2.	Haemocytometer with Micropipettes	20
3.	Sahli's haemocytometer	20
4.	Spygmomanometer	5
5.	Stethoscope	5
6.	Permanent Slides for various tissues	One pair of each tissue Organs and endocrine glands One slide of each organ system
7.	Specimen for various organs and systems	20
8.	Skeleton and bones	One set of skeleton and one spare bone
9.	Muscle electrodes	01
10.	Lucas moist chamber	01
11.	Myographic lever	01
12.	Stimulator	01
13.	Centrifuge	01
14.	Electronic Balance	01
15.	Physical /Chemical Balance	01
16.	Sherrington's Kymograph Machine /Polyrite	10
17.	Sherrington Drum	10
18.	Perspex bath assembly (single unit)	10
19.	Aerators	10
20.	Computer	01
21.	Pole climbing apparatus	01
22.	Plethysmograph	01
23.	Digital pH meter	01
24.	Folin-Wu tubes	60
25.	Dissection Tray and Boards	10
26.	Haemostatic artery forceps	10
27.	Hypodermic syringes and needles of size: 15,24,26G	10
28.	Canulla – Glass	20

S. N.	Name of Instrument	Nos.
29.	Histamine chamber	01
30.	Rota rod (two chamber)	01
31.	Analgesiometer – Eddy’s hot plate	01
32.	Analgesiometer – Tail flick	01
33.	Actophotometer	01

PHARMACOGNOSY LAB. (B.Pharm.):

S. N.	Name of Instrument	Nos.
1.	Microscope with stage micrometer	15
2.	Digital Balance	02
3.	Autoclave	02
4.	Hot air oven	02
5.	B.O.D. Incubator	01
6.	Refrigerator	01
7.	Laminar air flow	01
8.	Colony counter	02
9.	Digital pH meter	01
10.	Microscope with stage and oil immersion objective	20
11.	Sterility testing unit	01
12.	Camera Lucida	15
13.	Eye piece micrometer	15
14.	Stage micrometer	20
15.	Moisture balance	01
16.	Heating mantle	15
17.	Flourimeter	01
18.	Vacuum pump	02
19.	Micropipettes (Single and multi channeled)	02
20.	Micro Centrifuge	01
21.	Projection Microscope	01
22.	Reflux flask with condenser	20
23.	Water bath	20
24.	Clavengers apparatus	10
25.	Soxhlet apparatus	10
26.	TLC chamber and sprayer	10
27.	Distillation unit	01

PHARMACEUTICAL CHEMISTRY LAB. (B.Pharm.):

S. N.	Name of Instrument	Nos.
1.	Hot plates	05
2.	Oven	03
3.	Refrigerator	01
4.	Analytical Balances for demonstration	05
5.	Digital balance 10mg sensitivity	10
6.	Suction pumps	06
7.	Muffle Furnace	01
8.	Mechanical Stirrers	10
9.	Magnetic Stirrers with Thermostat	10
10.	Vacuum Pump	01
11.	Digital pH meter	01
12.	Microwave Oven	01
13.	Distillation Unit	02
14.	Reflux flask and condenser single necked	20
15.	Reflux flask and condenser double / triple necked	20
16.	Burettes	40
17.	Arsenic Limit Test Apparatus	20
18.	Nessler's Cylinders	40

PHARMACEUTICS LAB. (B. Pharm.):

S. N.	Name of Instrument	Nos.
1.	Homogenizer	05
2.	Digital balance (10 mg sensitivity)	05
3.	Microscopes	05
4.	Stage and eye piece micrometers	05
5.	Sieve shaker with sieve set	01
6.	Double cone blender	01
7.	Propeller type mechanical agitator	05
8.	Steam distillation still	01
9.	Vacuum Pump	01
10.	Standard sieves, sieve no. 8, 10, 12,22,24, 44,66, 80	10
11.	Tablet punching machine	01
12.	Monsanto's hardness tester	01
13.	Pfizer type hardness tester	01
14.	Magnetic stirrer, 500ml and 1 liter capacity, with variable speed control.	10
15.	Digital pH meter	02
16.	Aseptic Cabinet	01
17.	BOD Incubator	02
18.	Bottle washing Machine	01
19.	Bottle filling machine	
20.	Bottle Sealing Machine	01
21.	Bulk Density Apparatus	02
22.	Conical Percolator (glass/ copper/ stainless steel)	10
23.	Capsule Counter	02
24.	Hot Plate	02
25.	Humidity Control Oven	01
26.	Mechanical stirrer with speed regulator	02
27.	Precision Melting point Apparatus	01
28.	Tray Drier	01
29.	Ostwald's viscometer	15
30.	Stalagmometer	15
31.	Desiccator	05

S. N.	Name of Instrument	Nos.
32.	Buchner Funnels: Small, medium, large	05 each
33.	Permeability Cups	05
34.	Andreason's Pipette	03
35.	Lipstick moulds	10
36.	Tablet coating pan	01
37.	Tablet Disintegration test apparatus	01
38.	Ball mill	01
39.	Tablet Dissolution test apparatus	01
40.	Ampoule filling and sealing machine	01
41.	Tablet counter	01
42.	Collapsible tube sealing machine	

PHARMACEUTICAL BIOTECHNOLOGY LAB. (BPH):

S. N.	Name of Instrument	Nos.
1.	Orbital shaker incubator	01
2.	Gel Electrophoresis (Vertical and Horizontal)	01
3.	Phase contrast/Trinocular Microscope	01
4.	Refrigerated Centrifuge	01
5.	Tissue culture station	01
6.	Laminar airflow unit	01
7.	Diagnostic kits to identify infectious agents	01
8.	Viscometer	01
9.	Micropipettes (single and multi channeled)	01 each
10.	Sonicator	01
11.	Respinometer	01
12.	BOD Incubator	01
13.	Paper Electrophoresis Unit	01
14.	Micro Centrifuge	01
15.	Incubator water bath	01
16.	Autoclave	01
17.	Refrigerator	01
18.	Filtration Assembly	01
19.	Digital pH meter	01
20.	Antibiotic zone reader	01

CIR LAB. (BPH):

S. N.	Name of Instrument	Nos.
1.	Colorimeter	01
2.	Digital pH meter	01
3.	UV- Visible Spectrophotometer	01
4.	Flourimeter	01
5.	Digital Balance (1mg sensitivity)	01
6.	Nephelo Turbidity meter	01
7.	Flame Photometer	01
8.	Potentiometer	01
9.	Conductivity meter	01
10.	HPLC	01
11.	Ion- Exchanger	01
12.	Deep freezer	01



SHRI JAGDISHPRASAD JHABARMAL TIBREWALA
UNIVERSITYCHUDELA JHUNJHUNU
RAJASTHAN

CHEMISTRY

LAB

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Laboratories Details

B.Sc. Chemistry Lab

The Department has a well-equipped laboratory for the in depth research in the synthetic and analytical Chemistry. The Laboratory is equipped with UV-Visible spectrometer, Colorimeters, Polarimeter, Karl Fisher Testator, Nephelometer, Conductivity meter, pH meter, Bulk density meter, Pressure Reactor, Fluorimeter, Engineering Chemistry Instruments, Advance Specific water quality laboratory testing etc.

Laboratory is provided with broad range of analytical grade chemicals as well as certified safety provisions.



Laboratories Details

B. Tech. Chemistry Lab

The Department has a well-equipped laboratory for the in depth research in the synthetic and analytical Chemistry. The Laboratory is equipped with UV-Visible spectrometer, Colorimeters, Polarimeter, Karl Fisher Testator, Nephelometer, Conductivity meter, pH meter, Bulk density meter, Pressure Reactor, Fluorimeter, Engineering Chemistry Instruments, Advance Specific water quality laboratory testing etc.

Laboratory is provided with broad range of analytical grade chemicals as well as certified safety provisions.



Laboratories Details

Diploma Chemistry Lab

The Department has a well-equipped laboratory for the in depth research in the synthetic and analytical Chemistry. The Laboratory is equipped with UV-Visible spectrometer, Colorimeters, Polarimeter, Karl Fisher Testator, Nephelometer, Conductivity meter, pH meter, Bulk density meter, Pressure Reactor, Fluorimeter, Engineering Chemistry Instruments, Advance Specific water quality laboratory testing etc.

Laboratory is provided with broad range of analytical grade chemicals as well as certified safety provisions.



Laboratories Details

M.Sc. Chemistry Lab

The Department has a well-equipped laboratory for the in depth research in the synthetic and analytical Chemistry. The Laboratory is equipped with UV-Visible spectrometer, Colorimeters, Polarimeter, Karl Fisher Testator, Nephelometer, Conductivity meter, pH meter, Bulk density meter, Pressure Reactor, Fluorimeter, Engineering Chemistry Instruments, Advance Specific water quality laboratory testing etc.

Laboratory is provided with broad range of analytical grade chemicals as well as certified safety provisions.



SHRI JAGDISHPRASAD JHABARMAL TIBREWALA UNIVERSITY, JJN

Department of Physics

Electricity & Magnetism Lab (phy03)

S.No.	Name Of Equipment	Quantity
1	Characteristics of PN Junction Diode Kit	4
2	High resistance by substitution method Kit	2
3	De- Sauty's bridge (find capacitance) Apparatus	2
4	Charging & Discharging of Capacitor Kit	1
5	Hysteresis loop for (M-B) Curve Apparatus	1
6	Planck's Constant Kit	1
7	Study of Hall Effect Apparatus	1
8	Magnetic Field Experiment Apparatus	1
9	Carry Foster Bridge Apparatus	2
10	Conversion of G into A	1
11	Conversion of G into V	1
12	BH Curve Apparatus	1



SHRI JAGDISHPRASAD JHABARMAL TIBREWALA
UNIVERSITYCHUDELA JHUNJHUNU
RAJASTHAN

Physics

LAB

Laboratories Details

Physics Lab

This is the first course in the calculus-level beginning-physics lab sequence. We will explore a number of physical principles you have seen in physics lecture courses. We will examine the simple pendulum, acceleration due to gravity both on an inclined air track and in freefall. We will examine the period of a spring-mass system and determine the variables that determine the period. We will examine Newton's Second Law in both linear and angular acceleration. We will work with inclined planes, balance beams under the influence of translational forces and torques, friction, and pulleys.

The intent here is not to learn a lot of new physics. The purpose is to enable you to see the physical principles you have studied in lecture at work in the real world. This is an exercise in how to make various pieces of experimental apparatus work properly. You will complete weekly lab reports based on the work you do in class. You will also prepare two formal reports on the results of two different experiments.



Optics Lab

Vision is to observe and understand. To perceive needs and apply solutions. Vision is to expand the scope of human knowledge based on a passionate, committed view of the future.

The Physics and Optical Engineering department blends Rose-Hulman's dedication to hands-on and personalized learning with top of the line labs and facilities to offer a unique learning experience.

The Optics Laboratory carries out research in the general fields of nonlinear optics and optical spectroscopy. The work extends from fundamental studies of the nonlinear response of nanostructure materials to industrial applications of optical spectroscopy.

Our research has three main directions, which are strongly interrelated and share laboratory space and equipment.



SHRI JAGDISHPRASAD JHABARMAL TIBREWALA UNIVERSITY, JLN

Department of Physics

General Physics Lab -I (phy 01)

S.No.	Name Of Equipment	Quantity
1	Characteristics of PN Junction Diode Kit	4
2	High resistance by substitution method Kit	2
3	De- Sauty's bridge (find capacitance) Apparatus	2
4	Charging & Discharging of Capacitor Kit	1
5	Hysteresis loop for (M-B) Curve Apparatus	1
6	Planck's Constant Kit	1
7	Study of Hall Effect Apparatus	1
8	Characteristics of Solar Cell Kit	2
9	Magnetic Field Experiment Apparatus	1
10	Wheatstone Bridge Apparatus	2
11	Conversion of G into A	1
12	Conversion of G into V	1
13	BH Curve Apparatus	1
14	Photo Cell Characteristics Apparatus	2
15	Four Probe Method Apparatus	1
16	Screw Gauge	15
17	C.R.O	2
18	Multimeter	1
20	DC Coil Meter	8



SHRI JAGDISHPRASAD JHABARMAL TIBREWALA
UNIVERSITYCHUDELA JHUNJHUNU
RAJASTHAN

Bio-Science

LAB

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Laboratories Details

Microbiology Lab

Instruments such as - Autoclave, Laminar Air Flow, Thermostat, Incubator, Camera, Centrifuge, Colorimeter, Electrophoresis Unit, Electronic Balance, Conductivity Meter, pH meter, Microtome, Binocular microscopes, Compound microscopes, GPS etc. are available in the Labs for the smooth conduct of both UG and PG Practical and Project work.



Zoology Lab

Zoological Specimens (Deals with Both Invertebrates and Vertebrates) Slides Concerning Different Zoological Subjects (Cell biology, Development Biology, Anatomical Studies and Different Physiological stages of Animal Tissues) Light Microscope, Compound Microscopes, Dissecting Microscopes, Bird cage, Haemocytometers, Haemoglobinometer, Dissecting kit, , Different Types of Animal Modals (Human Skeletal System, Digestive Systems), Charts (Digestive System, Respiratory system, Nervous Systems, Reproductive System and Excretion etc.), Vermi-compost unit, Fish Aquarium, Distillation Unit, Camera, Display Boards, OHP and Slide Projector. Other facilities are: - Computers, Broad band Internet



connection and a Book Library in Lab.	
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Biotechnology Sciences Lab

Information about the Equipment

S.No	Item description (Make and model)	Location (Department)	Value (Rs.)	Present Condition	Date of Purchase
1	Digital Spectrophotometer Indian Scientific Co.	Life Sciences	28000	Working	3/7/2009
2	Electronicweighing balance Indian Scientific Co. (GTJ)	Life Sciences	15900	Working	3/7/2009
3	water bath Sun Lab Tek Equipments Pvt. Ltd.	Life Sciences	9000	Working	5/8/2011
4	Magnetic Stirrer Indian Scientific Co.	Life Sciences	3900	Working	3/7/2009
5	Electrophorsis Sun Lab Tek Equipments Pvt. Ltd.	Life Sciences	18000	Working	5/8/2011
6	Microscope Indian Scientific Co.	Life Sciences	2500	Working	3/7/2009
7	Microscope Indian Scientific Co.	Life Sciences	2500	Working	3/7/2009
8	Microscope Indian Scientific Co.	Life Sciences	2500	Working	3/7/2009
9	Microscope Indian Scientific Co.	Life Sciences	2500	Working	3/7/2009
10	Microscope Indian Scientific Co.	Life Sciences	2500	Working	3/7/2009

11	Microscope Indian Scientific Co.	Life Sciences	2500	Working	3/7/2009
12	Microscope Indian Scientific Co.	Life Sciences	2500	Working	3/7/2009
13	Microscope Indian Scientific Co.	Life Sciences	2500	Working	3/7/2009
14	Microscope Indian Scientific Co.	Life Sciences	2500	Working	3/7/2009
15	Desiccator Vacuum SN Scientific Co. (402030)	Life Sciences	2594	Working	2/4/2012
16	Micro Pipette	Life Sciences	2500	Working	3/7/2009
17	Micro Pipette Indian Scientific Co. (9001:2000)	Life Sciences	2500	Working	3/7/2009
18	Micro Pipette Indian Scientific Co. (9001:2000)	Life Sciences	2500	Working	3/7/2009
19	Haemocyto meter Indian Scientific Co.	Life Sciences	1690	Working	3/7/2009
20	Haemocyto meter Indian Scientific Co.	Life Sciences	1690	Working	3/7/2009
21	Haemocyto meter Indian Scientific Co.	Life Sciences	1690	Working	3/7/2009
22	Dissecting Box Indian Scientific Co.	Life Sciences	400	Working	3/7/2009
23	Haemoglobino Meter Indian Scientific Co. (3243000)	Life Sciences	290	Working	3/7/2009
24	Haemoglobino Meter Indian Scientific Co.	Life Sciences	290	Working	3/7/2009

	(3243000)				
25	Haemoglobino Meter Indian Scientific Co. (3243000)	Life Sciences	290	Working	3/7/2009
26	Haemoglobino Meter Indian Scientific Co. (3243000)	Life Sciences	290	Working	3/7/2009
27	Haemoglobino Meter Indian Scientific Co. (3243000)	Life Sciences	290	Working	3/7/2009
28	-20°C Mini cooler Torson (525030)	Life Sciences	2252	Working	2/4/2012

Equipment List

S.No.	Item description (Make and Model)	Location Department	Value (Rs.)	Present Condition	Date of Purchase
1	Refrigerator 165 lit. Godrej (GDE19/2010)	Life Sciences	12000	Working	5/8/2011
2	Distillation unit Sunlabtek	Life Sciences	225000	Working	5/8/2011
3	Digital Spectrophotometer Indian Scientific	Life Sciences	28000	Working	3/7/2009

4	Electronic weighing balance Indian Scientific (GZTT)	Life Sciences	15900	Working	3/7/2009
5	De-Humidifier Sunlabtek (2x)	Life Sciences	15000	Working	5/8/2011
6	Oven Indian Scientific	Life Sciences	13900	Working	3/7/2009
7	centrifugal Machine Glomax	Life Sciences	19800	Working	3/7/2009
8	pH Meter Metzer M (METZ202M)	Life Sciences	4900	Working	3/7/2009
9	Electrophorsis Sun lab tek	Life Sciences	18000	Working	3/7/2009
10	Vortex Shaker Indian Scientific	Life Sciences	4500	Working	3/7/2009
11	Digital Photo Colorimeter Indian Scientific	Life Sciences	9800	Working	3/7/2009
12	Heating mantle Indian Scientific	Life Sciences	1260	Working	3/7/2009
13	Digital colony counter Indian Scientific	Life Sciences	6990	Working	3/7/2009
14	laminar air flow Indian Scientific	Life Sciences	48900	Working	3/7/2009
15	Automatic B.O.D. incubator Indian Scientific	Life Sciences	45800	Working	3/7/2009
16	Low temprature humidity chamber Sunlab tek (DB2055)	Life Sciences	25000	Working	5/8/2011
17	Digital dissolve oxygen Meter Sunlabtek (SI 214)	Life Sciences	2350	Working	5/8/2011
18	Ageing Oven sunlabtek	Life Sciences	5450	Working	5/8/2011
19	Digital water and Soil analysis kit Sunlabtek (S965)	Life Sciences	45000	Working	5/8/2011

20	Hot Plate Sunlabtek	Life Sciences	10000	Working	5/8/2011
21	Auto Clave Indian Scientific	Life Sciences	220000	Working	3/7/2011
22	Microscope Indian Scientific	Life Sciences	8200	Working	3/7/2011
23	Microscope Indian Scientific	Life Sciences	8200	Working	3/7/2011
24	Micro Pipette Indian Scientific (9001:2000)	Life Sciences	2500	Working	3/7/2011
25	Micro Pipette Indian Scientific (9001:2000)	Life Sciences	2500	Working	3/7/2011
26	Micro Pipette Indian Scientific (9001:2000)	Life Sciences	2500	Working	3/7/2011
27	Haemocyto meter Indian Scientific	Life Sciences	1690	Working	3/7/2011
28	Haemocyto meter Indian Scientific	Life Sciences	1690	Working	3/7/2011
29	Haemocyto meter Indian Scientific	Life Sciences	1690	Working	3/7/2011
30	Pannel with UV Cabnet Indian Scientific	Life Sciences	4250	Working	3/7/2011

Microbiology Sciences Lab

Information about the Equipment

S.No	Item description (Make and model)	Location (Department)	Value (Rs.)	Present Condition	Date of Purchase
1	Digital Spectrophotometer Indian Scientific Co.	Life Sciences	28000	Working	3/7/2009
2	Electronicweighing balance Indian Scientific Co. (GTJ)	Life Sciences	15900	Working	3/7/2009
3	water bath Sun Lab Tek Equipments Pvt. Ltd.	Life Sciences	9000	Working	5/8/2011
4	Magnetic Stirrer Indian Scientific Co.	Life Sciences	3900	Working	3/7/2009
5	Electrophorsis Sun Lab Tek Equipments Pvt. Ltd.	Life Sciences	18000	Working	5/8/2011
6	Microscope Indian Scientific Co.	Life Sciences	2500	Working	3/7/2009
7	Microscope Indian Scientific Co.	Life Sciences	2500	Working	3/7/2009
8	Microscope Indian Scientific Co.	Life Sciences	2500	Working	3/7/2009
9	Microscope Indian Scientific Co.	Life Sciences	2500	Working	3/7/2009

10	Microscope Indian Scientific Co.	Life Sciences	2500	Working	3/7/2009
11	Microscope Indian Scientific Co.	Life Sciences	2500	Working	3/7/2009
12	Microscope Indian Scientific Co.	Life Sciences	2500	Working	3/7/2009
13	Microscope Indian Scientific Co.	Life Sciences	2500	Working	3/7/2009
14	Microscope Indian Scientific Co.	Life Sciences	2500	Working	3/7/2009
15	Desiccator Vacuum SN Scientific Co. (402030)	Life Sciences	2594	Working	2/4/2012
16	Micro Pipette	Life Sciences	2500	Working	3/7/2009
17	Micro Pipette Indian Scientific Co. (9001:2000)	Life Sciences	2500	Working	3/7/2009
18	Micro Pipette Indian Scientific Co. (9001:2000)	Life Sciences	2500	Working	3/7/2009
19	Haemocyto meter Indian Scientific Co.	Life Sciences	1690	Working	3/7/2009
20	Haemocyto meter Indian Scientific Co.	Life Sciences	1690	Working	3/7/2009
21	Haemocyto meter Indian Scientific Co.	Life Sciences	1690	Working	3/7/2009
22	Dissecting Box Indian Scientific Co.	Life Sciences	400	Working	3/7/2009
23	Haemoglobino Meter Indian Scientific Co. (3243000)	Life Sciences	290	Working	3/7/2009

24	Haemoglobino Meter Indian Scientific Co. (3243000)	Life Sciences	290	Working	3/7/2009
25	Haemoglobino Meter Indian Scientific Co. (3243000)	Life Sciences	290	Working	3/7/2009
26	Haemoglobino Meter Indian Scientific Co. (3243000)	Life Sciences	290	Working	3/7/2009
27	Haemoglobino Meter Indian Scientific Co. (3243000)	Life Sciences	290	Working	3/7/2009
28	-20°C Mini cooler Torson (525030)	Life Sciences	2252	Working	2/4/2012

Equipment List

S.No.	Item description (Make and Model)	Location Department	Value (Rs.)	Present Condition	Date of Purchase
1	Refrigerator 165 lit. Godrej (GDE19/2010)	Life Sciences	12000	Working	5/8/2011
2	Distillation unit Sunlabtek	Life Sciences	225000	Working	5/8/2011
3	Digital Spectrophotometer Indian Scientific	Life Sciences	28000	Working	3/7/2009
4	Electronic weighing balance Indian Scientific (GZTT)	Life Sciences	15900	Working	3/7/2009

5	De-Humidifier Sunlabtek (2x)	Life Sciences	15000	Working	5/8/2011
6	Oven Indian Scientific	Life Sciences	13900	Working	3/7/2009
7	centrifugal Machine Glomax	Life Sciences	19800	Working	3/7/2009
8	pH Meter Metzer M (METZ202M)	Life Sciences	4900	Working	3/7/2009
9	Electrophorsis Sun lab tek	Life Sciences	18000	Working	3/7/2009
10	Vortex Shaker Indian Scientific	Life Sciences	4500	Working	3/7/2009
11	Digital Photo Colorimeter Indian Scientific	Life Sciences	9800	Working	3/7/2009
12	Heating mantle Indian Scientific	Life Sciences	1260	Working	3/7/2009
13	Digital colony counter Indian Scientific	Life Sciences	6990	Working	3/7/2009
14	laminar air flow Indian Scientific	Life Sciences	48900	Working	3/7/2009
15	Automatic B.O.D. incubator Indian Scientific	Life Sciences	45800	Working	3/7/2009
16	Low temprature humidity chamber Sunlab tek (DB2055)	Life Sciences	25000	Working	5/8/2011
17	Digital dissolve oxygen Meter Sunlabtek (SI 214)	Life Sciences	2350	Working	5/8/2011
18	Ageing Oven sunlabtek	Life Sciences	5450	Working	5/8/2011
19	Digital water and Soil analysis kit Sunlabtek (S965)	Life Sciences	45000	Working	5/8/2011
20	Hot Plate Sunlabtek	Life Sciences	10000	Working	5/8/2011

21	Auto Clave Indian Scientific	Life Sciences	220000	Working	3/7/2011
22	Microscope Indian Scientific	Life Sciences	8200	Working	3/7/2011
23	Microscope Indian Scientific	Life Sciences	8200	Working	3/7/2011
24	Micro Pipette Indian Scientific (9001:2000)	Life Sciences	2500	Working	3/7/2011
25	Micro Pipette Indian Scientific (9001:2000)	Life Sciences	2500	Working	3/7/2011
26	Micro Pipette Indian Scientific (9001:2000)	Life Sciences	2500	Working	3/7/2011
27	Haemocyto meter Indian Scientific	Life Sciences	1690	Working	3/7/2011
28	Haemocyto meter Indian Scientific	Life Sciences	1690	Working	3/7/2011
29	Haemocyto meter Indian Scientific	Life Sciences	1690	Working	3/7/2011
30	Pannel with UV Cabnet Indian Scientific	Life Sciences	4250	Working	3/7/2011

Zoology Lab
Equipment List

S. No	Item Description (Make and Model)	Location Department	Value (Rs.)	Present Condition	Date of Purchase
1	Euglena (Microscopic Slides) SN Scientific	Life Sciences	16	Working	10/4/2013

2	Trypanosoma (Microscopic Slides) SN Scientific	Life Sciences	18	Working	10/4/2013
3	Giardia (Microscopic Slides) SN Scientific	Life Sciences	20	Working	10/4/2013
4	Entamoeba (Microscopic Slides) SN Scientific	Life Sciences	18	Working	10/4/2013
5	Polystomella (Microscopic Slides) SN Scientific	Life Sciences	18	Working	10/4/2013
6	Forminiferous Shells (Microscopic Slides) SN Scientific	Life Sciences	18	Working	10/4/2013
7	Monocystis (Microscopic Slides) SN Scientific	Life Sciences	16	Working	10/4/2013
8	Plasmodium (Microscopic Slides) SN Scientific	Life Sciences	16	Working	10/4/2013
9	Paramecium Showing binary Fission (Microscopic Slides) SN Scientific	Life Sciences	20	Working	10/4/2013
10	Paramecium Showing conjugation (Microscopic Slides) SN Scientific	Life Sciences	20	Working	10/4/2013
11	Opalina (Microscopic Slides) SN Scientific	Life Sciences	18	Working	10/4/2013
12	Nyctotherus (Microscopic Slides) SN Scientific	Life Sciences	18	Working	10/4/2013
13	Balantidium Vorticella (Microscopic Slides) SN Scientific	Life Sciences	18	Working	10/4/2013
14	Ts. Sycon (Microscopic Slides) SN Scientific	Life Sciences	16	Working	10/4/2013

15	Spicules (Microscopic Slides)SN Scientific	Life Sciences	16	Working	10/4/2013
16	Spongin Fibres (Microscopic Slides)SN Scientific	Life Sciences	16	Working	10/4/2013
17	Gemmules (Microscopic Slides)SN Scientific	Life Sciences	16	Working	10/4/2013
18	Slide of Planaria (Microscopic Slides)SN Scientific	Life Sciences	18	Working	10/4/2013
19	Slides of Fasciola (Microscopic Slides)SN Scientific	Life Sciences	18	Working	10/4/2013
20	Slides of T.S. Body of fasciola (Microscopic Slides)SN Scientific	Life Sciences	16	Working	10/4/2013
21	Slides of Miracidium (Microscopic Slides)SN Scientific	Life Sciences	16	Working	10/4/2013
22	Slides of Sporocyst (Microscopic Slides)SN Scientific	Life Sciences	16	Working	10/4/2013
23	Slides of Redia larva of fasciola (Microscopic Slides)SN Scientific	Life Sciences	16	Working	10/4/2013
24	Slides of Cercaria larva of fasciola (Microscopic Slides)SN Scientific	Life Sciences	16	Working	10/4/2013
25	Slides of Scolex (Microscopic Slides)SN Scientific	Life Sciences	16	Working	10/4/2013
26	Slides of T.S. Mature proglottid of taenia (Microscopic Slides)SN Scientific	Life Sciences	16	Working	10/4/2013

27	Slides of cysticercus (Microscopic Slides)SN Scientific	Life Sciences	18	Working	10/4/2013
28	Slides of Wuchereria (Microscopic Slides)SN Scientific	Life Sciences	18	Working	10/4/2013
29	Slides of Drecunculus (Microscopic Slides)SN Scientific	Life Sciences	16	Working	10/4/2013
30	Slides of T.S. body of Nereis (Microscopic Slides)SN Scientific	Life Sciences	14	Working	10/4/2013
31	Drosophila Male (Microscopic Slides)SN Scientific	Life Sciences	18	Working	10/4/2013
32	Drosophila Female (Microscopic Slides)SN Scientific	Life Sciences	18	Working	10/4/2013
33	Drosophila Wild (Microscopic Slides)SN Scientific	Life Sciences	18	Working	10/4/2013
34	Drosophila Mutant (Microscopic Slides)SN Scientific	Life Sciences	18	Working	10/4/2013
35	Drosophila Sex Comb (Microscopic Slides)SN Scientific	Life Sciences	18	Working	10/4/2013
36	Slides of Showing cleavage (Microscopic Slides)SN Scientific	Life Sciences	18	Working	10/4/2013
37	Slides of Showing blastula (Microscopic Slides)SN Scientific	Life Sciences	18	Working	10/4/2013

38	Slides of Showing gastrula (Microscopic Slides)SN Scientific	Life Sciences	18	Working	10/4/2013
39	Slides of Showing Neurula (Microscopic Slides)SN Scientific	Life Sciences	18	Working	10/4/2013
40	Slides of Showing tail-bud (Microscopic Slides)SN Scientific	Life Sciences	18	Working	10/4/2013
41	Slides of Showing Mature tadpole Larvae SN Scientific	Life Sciences	18	Working	10/4/2013
	Specimens			Working	
1	Millepora SN Scientific	Life Sciences	72	Working	10/4/2013
2	Physalia SN Scientific	Life Sciences	72	Working	10/4/2013
3	Aurelia SN Scientific	Life Sciences	80	Working	10/4/2013
4	Alcyonium SN Scientific	Life Sciences	80	Working	10/4/2013
5	Penatula SN Scientific	Life Sciences	80	Working	10/4/2013
6	Sea anemone SN Scientific	Life Sciences	80	Working	10/4/2013
7	Obelia colony SN Scientific	Life Sciences	72	Working	10/4/2013
8	Obelia Medusa SN Scientific	Life Sciences	72	Working	10/4/2013
9	Any ctenophore SN Scientific	Life Sciences	80	Working	10/4/2013
10	Taenia SN Scientific	Life Sciences	72	Working	10/4/2013

11	Ascaris Male SN Scientific	Life Sciences	80	Working	10/4/2013
12	Ascaris Female SN Scientific	Life Sciences	80	Working	10/4/2013
13	Neanthes SN Scientific	Life Sciences	72	Working	10/4/2013
14	Heteronereis SN Scientific	Life Sciences	240	Working	10/4/2013
15	Glossiphonia SN Scientific	Life Sciences	80	Working	10/4/2013
16	Polygordius SN Scientific	Life Sciences	210	Working	10/4/2013
	Class Work Material			Working	
1	Spicules SN Scientific	Life Sciences	16	Working	10/4/2013
2	Spongin Fibres SN Scientific	Life Sciences	16	Working	10/4/2013
3	Gemmules Material for Permanent Slides -1 SN Scientific	Life Sciences	16	Working	10/4/2013



SHRI JAGDISHPRASAD JHABARMAL TIBREWALA
UNIVERSITYCHUDELA JHUNJHUNU
RAJASTHAN

COMPUTER

LAB

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1	Introduction of Lab	i-iv
2	Total Hardware Equipment Details	1-2
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4	Internet Lab	4
5	Database Lab	5
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7	Linux Lab	7
8	Software Engineering Lab	8
9	Programming Lab	9

Laboratories Details

The Department offers training in front end and back end technologies in the field of Computer science and Information Technology through an elaborate set of laboratories which are fully air-conditioned connected with servers, UPS. All the computer systems configured with Intel Processors with genuine Windows generation operation systems and Linux Operating Systems. Following are the department labs:-

Networking LAB

Network Lab consists of various protocols and making students understand the concepts of making cable connection, Networking (Configuration of switches & Routers), socket connection, client server connection.



Internet LAB

In this lab, students learn how to make a web page containing the information. It provides a platform for the students who want to make their career in field of Web Design. Students perform programming in HTML, CSS and JavaScript. students perform various programs related to images, sound and video. Students perform animation techniques like morphing, reflection and create multimedia files using Adobe Photoshop and Adobe Flash Professional.



Database LAB

In this lab, students study how to design a database using Oracle, MS-Access and SQL Server. They perform all the Database Operation including creation of tables, joining of two tables, deletion of table and other various queries.



Linux LAB

Latest infrastructure with most recent version of Linux Operating System available for Computer and electronics Students.



Software Engineering LAB

Lab is used to provide the training on Software engineering. Equipped with CASE tools. Also used for microprocessor programming.



Programming LAB

Training students for basic programming concept using C.
For advance programming training students for C++, data
structure, Visual Basic, .NET and JAVA Technology.



Information about the Equipment

Hardware Equipment Details

S. No.	Item description	Location Department	Value (inRs.)	Present Condition	Date of Purchase
1.	Desktop-Dell Inspiron (Dell 1930 18.5" Wide Screen,Core-i3 , 2 GB RAM, Window 7 Home Basic ,500 HDD,Wi-Fi) Quantity-33	Computer Lab.	30476×33 = 1005708	Working	25-01-2013
2.	Desktop-Beetal (Led Monitor-Philips 18.5",Core-I3 ,2 GB RAM,500 GBHDD) Quantity-03	Computer Lab.	22000×03 = 66000	Working	
3.	Desktop-Dell Inspiron 5605 (LCD Monitor-Dell 15.6",Dual Core,300 GBHDD,2 GB) Quantity-24	Computer Lab.	21904×24 = 525696	2 Not Working	24-02-2011
4.	Desktop-Acer (Acer Monitor,1 GB RAM,150 GBHDD) Quantity-14	Computer Lab.		3 Not Working	
5.	Desktop-HCL (Acer Monitor,1.5 GB RAM,500 GBHDD) Quantity-05	Computer Lab.		Working	
6.	Camera (CCTV)-	Computer		Working	

	ENTER Quantity-04	Lab.			
7.	Projector-ACER Quantity-01	Computer Lab.		Working	
8.	U.P.S.- Microtak&Hytech 600 V.A. Quantity-15	Computer Lab.		2 Not Working	
9.	Online Ups-6 K.V.A Quantity-01	Computer Lab.		Not Working	
10.	Router-Cisco (Isa550) Quantity-01	Computer Lab.		Working	
11.	Router- Techroutes(1705) Quantity-01	Computer Lab.		Working	
12.	LAN Switch-D-Link & Enter Quantity-07	Computer Lab.		1 Not Working	
13.	Wireless Device Quantity-01	Computer Lab.		Working	
14.	External DVD-Samsung Quantity-03	Computer Lab.	2400×03 = 7200	Working	08-10-2011
15.	External HDD-WD 500 G.B. Quantity-02	Computer Lab.	3600×02 = 7200	1 Not Working	08-10-2011
16.	C.C. TV Device-Enter 16 Channel Quantity-01	Computer Lab.			
17.	Pen Drive-Moser Bear (8GB) Quantity-01	Computer Lab.		Working	

oftwareDetails

S. No.	Item description	Location Department	Value (inRs.)	Present Condition	Date of Purchase
1.	Adobe Design & Web Premium CS6 No. of Licence= 01	Computer Lab.	49291	Working	04-03-2013
2.	Coral Draw Graphic Suit X6 No. of Licence= 01	Computer Lab.	18165	Working	04-03-2013
3.	SOLID WORKS (3d Design, Engineering Analysis software) No. of Licence= 30	Computer Lab.			
4.	AUTO DESK (For Civil & Structured Engineering) No. of Licence= 10	Computer Lab.			
5.	MATH CAD No. of Licence= 25	Computer Lab.	195000		07-01-2012
6.	OFFICE-2010 No. of Licence= 25	Computer Lab.			
7.	WIN 7,XP,VISTA No. of Licence= 50	Computer Lab.			
8.	Quick Heal Internet Security 2012 No. of Licence= 60	Computer Lab.			

Internet Lab

Hardware Equipment detail

S. No.	Item description	Location Department	Value (inRs.)	Present Condition	Date of Purchase
1.	DESKTOP-ACER (Acer Monitor,1 GB RAM,150 GB HDD) Quantity-10	Computer Lab.		3 Not Working	
2.	DESKTOP-HCL (Acer Monitor,2GB RAM,500 GB HDD) Quantity-03	Computer Lab.		1 Not Working	
3.	U.P.S.- Microtek&Hytech 600 V.A. Quantity-06	Computer Lab.		1 Not Working	

Software installed

- Windows XP SP-2
- MS Office 2007
 - Adobe reader
- Quick Heal Internet Security

Database Lab

Hardware Equipment detail

S. No.	Item description	Location Department	Value (inRs.)	Present Condition	Date of Purchase
1.	DESKTOP-DELL INSPIRON (DELL 1930 18.5" WIDE SCREEN, CORE i3, 2 GB RAM, Window 7 Home Basic ,500 HDD, Wi-Fi) Quantity-14	Computer Lab.	$30476 \times 14 = 426664$	2 Not Working	25-01-2013
2.	Online UPS 10 KVA Quantity-01	Computer Lab.		Working	

Software installed

- Windows 7 Home Basic
 - MS Office 2007
 - Adobe reader

- McAfee Security Center

Networking Lab

Hardware Equipment detail

S. No.	Item description	Location Department	Value (inRs.)	Present Condition	Date of Purchase
1.	DESKTOP-DELL INSPIRON (DELL 1930 18.5" WIDE SCREEN, CORE i3, 2 GB RAM, Window 7 Home Basic ,500 HDD, Wi-Fi) Quantity-15	Computer Lab.	30476 × 15 = 457140	Working	25-01-2013
2.	U.P.S.- Microtek&Hytech 600 V.A. Quantity-07	Computer Lab.		3 Not Working	

Softwareinstalled

- Windows 7 Home Basic
 - MS Office 2007
 - Adobe reader
- McAfee Security Center

HUDELA JHUNJHUNU

Linux Lab

Hardware Equipment detail

S. No.	Item description	Location Department	Value (inRs.)	Present Condition	Date of Purchase
1.	DESKTOP-DELL INSPIRON (DELL 1930 18.5" WIDE SCREEN, CORE i3, 2 GB RAM, Window 7 Home Basic ,500 HDD, Wi-Fi) Quantity-04	Computer Lab.	$30476 \times 04 = 121904$	Working	25-01-2013
2.	DESKTOP-DELL INSPIRON 5605 (LCD MONITOR-DELL 15.6,DUAL CORE,300 GB HDD,2 GB RAM) Quantity-02	Computer Lab.	$21904 \times 02 = 43808$	Working	24-02-2011

Softwareinstalled

- Ubuntu 9.04 and Windows 7 Home Basic

- MS Office 2007
 - Adobe reader
- McAfee Security Center
- Quick Heal Internet Security

Software Engineering Lab

Hardware Equipment detail

S. No.	Item description	Location Department	Value (inRs.)	Present Condition	Date of Purchase
1.	DESKTOP-BEETAL (LED MONITOR-PHILIPS 18.5,CORE-i3 ,2 GB RAM,500 GB HDD) Quantity-04	Computer Lab.	22000 × 04 = 88000	Working	
2.	DESKTOP-DELL INSPIRON 5605 (LCD MONITOR-DELL 15.6,DUAL CORE,300 GB HDD,2 GB RAM) Quantity-04	Computer Lab.	21904 × 04 = 87616	Working	24-02-2011

Softwareinstalled

- Windows XP SP-2
- MS Office 2007
 - Adobe reader
- Quick Heal Internet Security
 - JAVA
 - Turbo C+ +

Programming Lab

Hardware Equipment detail

S. No.	Item description	Location Department	Value (inRs.)	Present Condition	Date of Purchase
1.	DESKTOP-DELL INSPIRON 5605 (LCD MONITOR-DELL 15.6,DUAL CORE,300 GB HDD,2 GB RAM) Quantity-18	Computer Lab.	21904 × 18 = 394272	Working	24-02-2011
2.	DESKTOP-HCL (Acer Monitor,2GB RAM,500 GB HDD) Quantity-01	Computer Lab.		Working	

Software installed

- Windows XP SP-2
- MS Office 2007
- Adobe reader
- Quick Heal Internet Security
 - JAVA
 - Turbo C+ +

Details of Licensed Software in the University:-

S. No.	Item description	Location Department
1.	Adobe Design & Web Premium CS6 No. of Licence= 01	Computer Lab.
2.	Coral Draw Graphic Suit X6 No. of Licence= 01	Computer Lab.
3.	SOLID WORKS (3d Design, Engineering Analysis software) No. of Licence= 30	Cad Lab
4.	AUTO DESK (For Infar structure Suite – AutoCAD Civil/ 3ds maxs / Revit architecture / Revit structure) No. of Licence= 10	CAD Lab
5.	MATH CAD No. of Licence= 25	Computer Lab.
6.	OFFICE-2010 No. of Licence= 25	Computer Lab.
7.	WIN 7,XP,VISTA No. of Licence= 50	Computer Lab.
8.	Orell Digital Language Lab(ODLL) OrellTechnosystem(India)Pvt.Ltd.	Computer Lab
9.	SPSS No. of Licence= 01	Computer Lab
10.	Pro/Engineer No. of Licence=	Cad Lab

11.	Ansys No. of Licence= 01	Cad lab
12.	Satdd /Pro No. of Licence= 01	CAD Lab
13.	Wolfram Mathematica-9 No. of Licence= 02	Library
14.	Low Finder Library Edition No. of Licence= 02	Library
15.	Air Infotech (Air Supreme & High Court 1950-2012 & Criminal law journal) No. of Licence= 02	Library
16.	Delnet- E-Library	Library
17.	Soul Software (For Managing all library books database) No. of Licence= 01	Library
18.	Maple	Library
19.	Tora	Library
20.	Excel Solver	Library
21.	Mu pad	Library
22.	HFSS ANSYS	ECE
23.	Xilinx ISE Software Xilinx	ECE
24.	Mentor Graphics Mentor Graphics	ECE
25.	Lab VIEW	ECE

	National Instruments	
26.	Turnitin Software Ph.D. Thesis Originality check No. of Licence= 01	Ph.D. Section



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CAD-CAM

LAB

INDEX

Sr. No.	Name Lab	Page No.
1	CAD Lab	1
2	CAM Lab	2

CAD LAB EQUIPMENTS & SOFTWARE DETAILS

Sr. No	Name of Equipment	Qty.
1	HP Computer (i7 processor)	25
2	Projector	1
3	Electronic whiteboard	1

Detail of Software

Sr. No	Name of Software	No. Of License
1	AutoCad	10
2	PTC Pro/ Engineer (Creo)	50
3	3ds Max	10
4	Autocad Civil 3D	10
5	Revit Structure	10
6	Revit	10
7	Solidworks	30
8	Stadd/Pro simulation Software for Civil Engineering	1
9	Ansys simulation Software for Mechanical Engineering	5
10	Quick heal Total Security	8

CAM LAB EQUIPMENTS DETAILS

Sr. No	Name of Equipment	Qty.
1	CNC Lathe Machine	1
2	CNC Lathe Milling & Drilling Machine	1
3	HP WorkStation	5
4	3D Printer Plasto 200	1



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UNIVERSITYCHUDELA JHUNJHUNU
RAJASTHAN

CIVIL

LAB

Laboratories Details

CIVIL ENGINEERING DRAWING LAB

Drawing is the language of engineers. An engineer must be well conversant with drawings. Drawings represent reduced shape of structure and the owner will be able to see what is going to happen. It is the best possible way to prepare a concise record of the numerous architecture, and engineering works in a manner that can be readily understood and translated into reality by people whose duties commence when the designer and draughtsman have finished their work. In the CED Lab of our college Students get a feel of Extensive Survey, Building Drawing, Irrigation & Bridge Drawing and Structural Engineering Drawing. Students are also exposed to software like AUTOCAD & STAAD and they are guided by efficient faculties.



MATERIAL TESTING LAB

The understanding of the structure, physical and mechanical properties and behavior of engineering materials is at the very core of engineering design. A command of this knowledge is essential for all civil engineers. This laboratory provides a hands-on experience with the testing and evaluation of civil engineering materials, including soils, aggregates, and concrete, steel, wood and polymers. In addition, this lab builds on the topics of professional communication and engineering in groups that are present throughout the Civil Engineering curriculum.



HYDRAULICS LAB

Hydraulics deal primarily with the occurrence and movement of water and other fluids on the surface of the earth. It has been our challenge to make water do what civilization needs. The Fluid Mechanics and Hydraulic Engineering Laboratory offers a variety of equipment for experimenting with and analyzing various topics in fluid mechanics and hydraulic engineering including engineering properties of fluids, hydrostatics, fluid kinematics, fluid dynamics and open channel flow. The Laboratory staff provides education and training on undergraduate and graduate level. The adapted and specialized laboratory infrastructure provides a modern environment for oriented fundamental as well as applied research work.



SURVEYING LAB

As the civil engineering students need extensive training in surveying, the lab is set up with all the latest instruments. The surveying lab has instruments for all sorts of field survey works including precision theodolites, leveling equipment, and conventional equipment like plane table etc. Surveying labs provide students with hands-on experience to supplement instruction in surveying courses.



GEOTECHNICAL ENGINEERING LAB

Geotechnical engineering is the branch of civil engineering that deals with the engineering behavior of subsurface or earth materials. A typical geotechnical engineering laboratory helps in identifying the engineering behavior of geomaterials (soils and rocks) and by-products such as fly ash etc. There are different physical, chemical and geotechnical properties determined in the laboratory that is required for identifying the geomaterials. This information is used by geotechnical engineer for designing the type of foundations, earthworks such as dams, embankments, tunnels, reservoirs, pavement sub grades, and specialized applications like waste containment systems. Therefore, geotechnical engineering laboratory has a great role to play in rendering the subsurface a safe and stable load bearing medium.



TRANSPORTATION ENGINEERING

The quality of a community is directly related to the quality of its transportation system, So our function as a transportation engineer will be to move people, goods, and materials safely and efficiently. The challenge will be to find ways to meet the increasing travel demand in both urban and rural areas. The labs are used for research and teaching in the fields of rigid and flexible pavements and testing pavements materials and structures.



ENVIRONMENTAL ENGINEERING LAB

Welcome to the Environmental Engineering Division. The Environmental Engineering discipline at the Department of Civil Engineering is one of the most interesting and challenging one. The laboratory is equipped with all the instruments for air quality, water quality and wastewater analysis, We train our graduate students to view nature with the eyes of an environmental engineer and to think and work independently. Our faculty thoroughly enjoy working.



CONCRETE STRUCTURE LAB

Laboratory testing is the common element which all participants in the construction process utilize to provide assurance that their part of the process is correct. In this context, Concrete lab provides facilities for testing various building construction materials, mortar, and concrete in fresh and hardened state.

Consultancy work for various construction firms are done extensively in the lab. It includes test for compressive strength, flexural strength, fineness and mix design of concrete etc. Thus a hands on exposure to these tests helps the students to craft themselves to be a civil engineer with better confidence and assessment skills.



CAD LABORATORY

CAD Lab of the institute is established for concept design and product realization. This lab is to primarily facilitate students to evolve concepts and convert it into a complete product. The process of design, simulation and prototyping takes place in a digitally integrated environment. The CAD lab contains advanced software versions including 3D solid modelling and architectural drawings .The facility has been designed and structured to take care of professional certification programs for students, consultancy for industries and to also carry out globally outstanding research.



S.No.	Name of Class	Name of Lab
1	B.Tech 3rd Sem	CE-307 Material Testing lab
2	B.Tech 3rd Sem	CE-308 Fluid Mechanics Lab
3	B.Tech 3rd Sem	CE-309 Engineering Geology Lab
4	B.Tech 3rd Sem	CE-310 Computer Application lab
5	B.Tech 4th Sem	CE-407 Hydraulics & Hydraulic Machines lab
6	B.Tech 4th Sem	CE-408 Basic Survey Field Work lab
7	B.Tech 4th Sem	CE-409 Concrete & Construction Technology lab
8	B.Tech 4th Sem	CE-410 Traffic Engineering lab
9	B.Tech 5th Sem	CE-507 Design of Concrete Structures lab
10	B.Tech 5th Sem	CE-508 Design of Steel Structures lab
11	B.Tech 5th Sem	CE-509 Surveying Lab
12	B.Tech 5th Sem	CE-510 Structural Analysis Lab
13	B.tech 6th Sem	CE-607 Structure Detailing lab
14	B.tech 6th Sem	CE-608 Transportation Engineering lab
15	B.tech 6th Sem	CE-609 Environmental Engineering lab-I
16	B.tech 6th Sem	CE-610 Seminar
17	B.tech 7th Sem	CE-707 Geo Technical Engineering lab
18	B.tech 7th Sem	CE-708 Environmental Engineering lab-II
19	B.tech 7th Sem	CE-709 Minor Project
20	B.tech 7th Sem	CE-710 Practical Training & Industrial Visit Report
21	B.tech 8th Sem	CE-807 Computer Aided Design & Drawing
22	B.tech 8th Sem	CE-808 Water Resources Engineering Design
23	B.tech 8th Sem	CE-809 Professional Practice and Estimating
24	B.tech 8th Sem	CE-810 Major Project
25	Diploma 3rd Sem	DCE-307 Transportation Engineering Lab
26	Diploma 3rd Sem	DCE-308 Surveying Lab-I

27	Diploma 3rd Sem	DCE-309 Fluid Mechanics Lab
28	Diploma 3rd Sem	DCE-310 Strength Of Materials Lab
29	Diploma 4th Sem	DCE-407 Engineering Mechanics Lab
30	Diploma 4th Sem	DCE-408 Hydraulics Machine Lab
31	Diploma 4th Sem	DCE-409 Surveying Lab-II
32	Diploma 4th Sem	DCE-410 Concrete Lab
33	Diploma 5th Sem	DCE-507 Building Planning & Drawing Lab
34	Diploma 5th Sem	DCE-508 Public Health Engineering Lab-I
35	Diploma 5th Sem	DCE-509 Estimation & Costing Lab-I
36	Diploma 5th Sem	DCE-510 Practical Training
37	Diploma 6th Sem	DCE-607 Public Health Engineering-Lab II
38	Diploma 6th Sem	DCE-608 Estimation & Costing Lab-II
39	Diploma 6th Sem	DCE-609 Computer Aided Drawing Lab
40	Diploma 6th Sem	DCE-10 Project

LIST OF EQUIPMENTS/APPARATUS

1.CONCRETE LAB

S.NO.	Equipment /Apparatus Name	Quantity
1.	Sieves set Size in mm: 100,90,63,53,50,40,37.5, 25,22.4 20,16,13.2,12.5,10,9.5,6.7, 5.6,4.75,&90 micron	1
2.	Pan	2
3.	Compaction factor test apparatus	2
4.	Vicat's apparatus	2
5.	Rebound hammer	1
6.	Le-chaterlie's apparatus	12
7.	Spring balance	2
8.	Longitudinal compressometer	1
9.	Lateral extensometer	1
10.	Laboratory concrete mixer motorized	1
11.	Le-chatelier flask	1
12.	Air entraining meter	1
13.	Kelly ball penetration apparatus	1
14.	Gauging trowel	4
15.	Standard spatula	4
16.	Sand absorption cone & tamper	1

17.	Mortar cube vibrator	1
18.	Metal measure	1
19.	Cylindrical measure	1
20.	Shrinkage bar mould (four gang) vibrator	1
21.	Slump cone	2
22.	Water bath tank	1
23.	Flow table motorized	1
24.	Flow table manual	1
25.	Blian air permeability apparatus	1
26.	Ve bee consistometer	1
27.	Vibrating table	1
28.	Specific gravity apparatus	1
29.	Flexural test apparatus	1

2. Survey Lab

S.NO.	Equipment /Apparatus Name	Quantity
1.	Electronic theodolite	3
2.	Dumpy level	4
3.	Auto level	2
4.	Staff	4m-5 5m-2
5.	Plane table	3
6.	Plane table kit	3
7.	Measuring tape	6-30m
8.	Chain	2-30m 2-20m
9.	Mirror stereoscope	1
10.	Theodolite	1
11.	Line ranger	6
12.	Open cross staff	6
13.	Optical square	5
14.	Octagonal cross staff	6
15.	Prismatic compass	5
16.	Direction compass	24

17.	Surveyor compass	4
18.	Vernier caliper	4
19.	Alidade	6
20.	Line ranger	6
21.	Tripods	9
22.	Ranging rod	3m-6 2m-10
23.	Ranging rod extension	1.5m-9

3: MATERIAL TESTING LAB

S.NO.	Equipment /Apparatus Name	Quantity
1.	Spring test machine - 2000 kg	1
2.	Flexure testing machine -100kN	1
3.	Compression testing machine 1000kN (Manual)	1
4.	Impact testing machine Izod- 328joules	1
5.	Universal testing machine-400kN	1
6.	Rockwell hardness test	1
7.	Torsion testing machine	1
8.	Compression Testing machine 1000KN (Motorized)	1

4: FLUIDS MECHANICS LAB

S.NO.	Equipment /Apparatus Name	Quantity
1	Minor Losses through pipes Test Rig	1
2	Mouth Piece Apparatus	1
3	Calibrate Orifice Meter Apparatus	1
4	Friction Factor Test Rig	1
5	V - Notch Apparatus	1
6	Bernouli's Theorem Apparatus	1
7	Orfice Apparatus to Determine C_C , C_V , C_D	1
8	Venturimeter Apparatus	1
9	Meta- centre height apparatus	1

5: HYDRAULICS MACHINE LAB

S.NO.	Equipment /Apparatus Name	Quantity
1	Gear Pump Test Rig	1
2	Reciprocating Pump Test Rig	1
3	Centrifugal Pump Test Rig	1
4	Closed circuit Pelton turbine Test Rig(1KW)	1
5	Closed circuit Francis turbine Test Rig(1KW)	1
6	Closed circuit Hydraulic Ram Test Rig	1

6: BUILDING PLANNING DESIGN LAB

S.NO.	Equipment /Apparatus Name	Quantity
1.	Study model of two storey building	1
2.	Study model of quarter turn stair	1
3.	Study model of bifurcated stair	1
4.	Study model of doglegged stair	1
5.	Study model of open well stair	1
6.	Study model of brick layer scaffolding	1
7.	Study model of Grillage foundation	1
8.	Study model of racking shore	1
9.	Study model of flush door	2
10.	Study model of ventilated door	2
11.	Study model of laced & bracing	2
12.	Study model of shash door	2
13.	Study model of half panel & half glazed door	2
14.	Study model of fully panel door	2

7: STRUCTURAL ANALYSIS LAB

S.NO.	Equipment /Apparatus Name	Quantity
1.	Three hinged parabolic arch	1
2.	Two hinged parabolic arch	1
3.	Three bar pinned joined truss	1
4.	Pin joined truss apparatus	1
5.	Unsymmetrical bending	1
6.	Behavior of column & beam	1
7.	Behavior of struts	1
8.	Elastic pro properties of deflected beam	1
9.	Deflection of beam	1
10.	Maxwell reciprocal theorem	1
11.	Study model of lattice girder bridge	1

12.	Study model of lift bridge	1
13.	Study model of road suspension bridge	1
14.	Study model of plate girder bridge	1
15.	Study model of R.C.C. cantilever bridge	1
16.	Study model of R.C.C. deck slab bridge	1
17.	Study model of railway culverts	1
18.	Study model of centering of arch	1
19.	Cantilever beam apparatus	2

8 : ENGINEERING MECHANICS LAB

S.NO.	Equipment /Apparatus Name	Quantity
1.	System of pulleys	2
	Single pulley	5
	Pulley in series	2
	Pulley in parallel	2
2.	Set of loads 1kg-10gm	2
3.	Law of parallelogram forces	1
4.	Worm & worm wheel	1
5.	Single purchase crab	1
6.	Double purchase crab	1
7.	Simple pulley	1

9: TRANSPORTATION ENGINEERING LAB

S.NO.	Equipment/Apparatus Name	Quantity
1.	Bitumen ductility testing machine	1
2.	Bitumen penetration apparatus (automatic)	1
3.	Bitumen penetration apparatus (Manual)	1
4.	Crushing value apparatus	1
5.	Flakiness and elongation index apparatus	1
6.	Flash and fire point apparatus	1
7.	Impact testing machine	1
8.	Los-Angles abrasion testing machine	1
9.	Ring and ball apparatus	1
10.	Ring and ball apparatus test for bitumen with temperature variation up to 100 degree Celsius	1

10: Environmental Engg. Lab

S.No.	Equipment/Apparatus Name	Quantity
1.	COD apparatus	1
2.	Ion Exchange apparatus	1
3.	Jackson's Turbidity apparatus	1
4.	Jar test apparatus	1
5.	Orsat test apparatus	1
6.	Tint meter	1

11: Geotechnical Engg. Lab

S.No.	Equipment/Apparatus Name	Quantity
1.	Consolidation testing machine	1
2.	Core Cutter Test apparatus with dolly	1
3.	Direct Shear Box testing apparatus with proving ring single speed	1
4.	Field Density test	1
5.	Hydrometer	1
6.	Liquid Limit apparatus	1
7.	Oven	1
8.	Permeability apparatus	1
9.	Plastic limit apparatus	1
10.	Proctor test apparatus with rammer	1
11.	Pycnometer	1
12.	Shrinkage limit apparatus	1
13.	Sieve Shaker	1
14.	Standard compaction apparatus	1
15.	Standard penetration test	1
16.	Swelling test apparatus	1
17.	Sieve Sets	1
18.	Vane Shear test apparatus	1

Miscellaneous Equipment /Apparatus

S.NO.	Equipment /Apparatus Name	Quantity
1.	Rain gauge- recording type	2
2.	Rain gauge- tilting type	1
3.	Dial indicator	4
4.	Magnetic base	5
5.	Weighing balance	2
6.	Ring & ball test for bitumen with temperature variation up to 100°C	1
7.	Study model of point & crossing	1
8.	Study model of interlocking	1
9.	Study model of road sign	1
10.	Laboratory jaw crusher	1
11.	Pulveriser	1
12.	Tile abrasion testing machine	1
13.	Spring balance	2
14.	Hammer	2
15.	Fire extinguisher	1



SHRI JAGDISHPRASAD JHABARMAL TIBREWALA
UNIVERSITYCHUDELA JHUNJHUNU
RAJASTHAN

ECE

LAB

Laboratories Details

The Aim of the Department is to produce Electronics & Communication Engineers, who combine academic excellence with practical expertise. To achieve this aim, well equipped laboratories, central and departmental libraries support students throughout their course of study.

Following are the department labs:-

Electronics Workshop

This is very basic lab for each and every student of electronics branch. In this lab, various electronics equipment's such as television, radio etc is studied thoroughly.



Semiconductor Lab

In this lab, students perform some basic laws and characteristics of electronics. This lab includes devices like multimeter, transistors, FET, BJT, Diodes, Clipper, clamper circuits.



Digital Electronics Lab

In this lab, students study about various combinational and sequential circuits. Practical performance of other devices like TTL, CMOS, multivibrators and GATE also done over here.



Wireless Communication Lab

Measurement of different antenna characteristics, design of antenna using appropriate software. RADAR introduction and application. Analysis the performance of CDMA. Link designing with GPS satellite systems.



Analog& Digital Communication Lab

Communication is phenomena of sending information. This lab includes various method of data transmission using various devises. This lab includes modulation, demodulation, Transmission lines, sampling, aliasing phenomena based kits.

This lab includes devices for digital data transmission, Devices like TDM, PAM, ASK.FSK, and PSK are observed for data transmission.



Digital Signal Processing Lab

Representation of signals, different modulation techniques, filters designing using MAT-LAB software. Using DSK kit analysis of speech signal, generate waveforms, verification theoretical formula's by practical approach.



Microwave Communication Lab

Study of various microwave components and instruments that works upon GHz range, like frequency meter, attenuator, VSWR meter, Gunn Diode, Reflex klystron, circulator, isolator etc is performed over here.



Microprocessors and Microcontrollers Lab

This lab includes microprocessor-8085 and its programming. Programs are created for the required operation and further observations are done using microprocessor-8085.



VHDL and VLSI Lab

In this lab student design layout of BJT, FET, OP-AMP, combinational and sequential circuits. Design of combinational circuits using simulation software. By using the optical fiber trainer kit student work on analog as well as digital link, measurement of propagation loss, numerical aperture. Detailed study of LASER diode and LED.



DIGITAL ELECTRONICS

Sr. No	Equipment	Make	Quantity
1	Half adder & full adder	ASICO	3
2	Flip-flop counter shift register	P-13	4
3	Half adder & full adder ALU	P-15	3
4	Digital Logic gate	P-12	1
5	Study of logic gate & applications	P-28	3
6	Multiplexer, Decoder & Encoder	P-14	1
7	Analog Mux, De-mux, ADC & DAC kit	P-26	2
8	Digital IC trainer TTL/MOS	DIT-2	3
9	Digital Multimeter	Uni volt	1

10	Digital Lab	DI-1041	1
11	De-mux trainer	LTB-837	1
12	Mux trainer	LTB-836	1
13	Universal gate trainer	LTB-822	1

14	Analog to Digital Converter trainer	LTB-812	1
15	Digital to analog converter trainer	LTB-813	1

DIGITAL SIGNAL PROCESSING LAB

Sr. No	Equipment	Make	Quantity
1	DSP lab version-2.0 kit	DSP-2.0	1
2	Lab VIEW	National Instruments	30 users
3	Scilab	Scilab	unlimited



SHRI JAGDISHPRASAD JHABARMAL TIBREWALA
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Mechanical

LAB

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2.	Details of Labs	1-17

Laboratories Details

The Department of Mechanical Engineering enriched with following laboratories to offer exposure to the students and enhance their practical knowledge.

The Workshop

The University has a well equipped workshop in Department of Mechanical Engineering to offer real life practical exposure to the students. It is equipped with the latest machines that are required in different fields of engineering. The workshop have following shops:

- Machine shop
- Welding Shop
- Foundry shop
- Sheet metal shop
 - Fitting Shop
- Carpentry shop
- Smithy Shop

Machine shop

The shop contains machines like lathe, milling machine, shaper machine, drilling machine etc. In this shop students learn about different types of machining operations such as turning, facing, drilling, gear cutting, threading, slot cutting, grinding, knurling, boring, grooving etc.



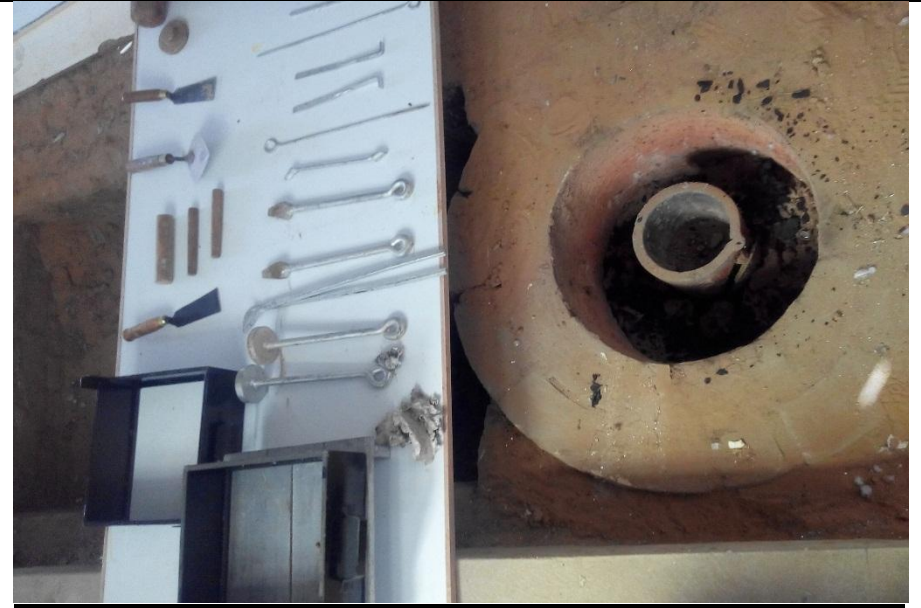
Welding Shop

The shop is equipped with various welding machines like arc welding machine, gas welding machine, TIG, MIG etc. In this lab students learn about different types of welding joints, their defects and remedies.



Foundry shop

The shop contains different type of furnaces, mould, patterns and hand tools like shovel, trowels, lifter, riddle, rammer, slicks, smoother etc. In this shop student learn about different types of casting process and their defects and various types of mould and pattern making.



Sheet metal shop

The shop contains various types of marking tools (steel rule, scribe, divider etc.), striking tools (hammer, mallet etc), supporting tools (hand stake, taper stake, grooving stake) and various machines like rolling and bending machine, universal cutting machine, swaging machine etc. In this shop students works on different type of sheet metal operations like measuring and marking, cutting and shearing, nibbling, piercing and blanking, bending etc.



Fitting Shop

In fitting shop unwanted material is removed with the help of hand tools. It is done for mating, repair and manufacturing purposes. This lab is equipped with different types of clamping tools (like bench vice, leg vice, hand vice, pin vice etc.), measuring and marking tools (like try square, bevel protector, combination set, vernier caliper, micrometer etc.), cutting tools (like hacksaw, files, chisels etc.), striking tools (different types of hammers) and miscellaneous tools.



Carpentry shop

The shop includes different types of hand tools like wooden jack planner, handsaw, G-clamp, T-square, marking gauge, adze etc. In this lab students go through different types of woods, their defects and different types of wooden joint(butt joint, corner joint, dove tail joint , lap joint, bridal joint).



Smithy Shop

The shop includes tools like hammers, anvils etc. In this shop hand forging process which is also known as black-smithy work which is commonly employed for production of small articles using hammers on heated jobs. It is a manual controlled process even though some machinery such as power hammers can also be sometimes used.



Internal Combustion Engine Lab

The lab contains four stroke and two stroke C.I. and S.I. engines test rigs with facilities of measuring emissions. The lab is well-equipped and enables students to understand the basic construction of two stroke and four stroke diesel and petrol engine. The lab also enables the student to calculate power, efficiency, fuel consumption, heat balance sheet, frictional power, torque etc of S.I. and C.I. engines.



Material Science Lab

The lab is well-equipped and enables students to understand different types of crystal structures, heat treatment processes, properties of different types of material.



Automobile Engineering Lab

This lab is for mechanical 3rd year students with facilities for the group of 30 students to carry out experiments independently. The lab is well-equipped and enables students to understand the working of different types of components like steering system, braking system and different types of brakes, different types of pumps, filters, and transmission system etc. of an automobile.



CNC Lab

This lab is for mechanical 3rd year students with facilities for the group of 30 students to carry out experiments independently. The lab is equipped with a CNC Lathe Machine and CNC Milling Machine. This lab enables the student to learn about Programming for CNC lathe and CNC milling machine.



Mechanical vibration lab

This lab is for mechanical 3rd year (6th semester) students with facilities for the group of 30 students to carry out experiments independently. The lab is well-equipped and enables students to understand the vibration of machine parts and also used to understand their effects on the vehicle and engine performance.



Measurement and Instrumentation Lab

This is the lab for mechanical final year (7th semester) students which is very important for the basic knowledge about the various instruments with facilities for the group of 30 students to carry out experiments independently. The lab is well equipped and enables students to understand the fundamentals of various measuring instruments.



Fluid Mechanics Lab

This lab introduces student's practical knowledge of behaviour of fluids which they are earlier studied by using mathematical equations. It involves study of various properties of the fluid, such as velocity, pressure, density and temperature, as functions of space and time.

Fluid mechanics is the branch of physics which deals with the properties of fluids, namely liquids and gases, and their interaction with forces.

The lab is equipped with different flow measuring set-ups such as venturimeter, orifice-plate, pitot tube, rotometer etc., where students can visualize the basic theory of working of the flow meter. The lab also has Reynolds's setup, free-forced vortices setup, flow over open channel and impact of jet set-up, where students can fortify their theoretical knowledge. The lab also has some advanced research set-up such as constant temperature hot-wire anemometer, pulsating flow meter, where some advanced research work can be performed.



Hydraulics and Hydraulic Machine Lab

The laboratory is equipped with a number of equipment and experimental setups to study the fundamental and applied aspects of hydraulics and hydraulic machines. The setups are used for calibration of flow measuring devices used in channels and pipes. Measurements of critical Performance parameters like efficiency, flow rate etc of various hydraulic machines such as turbines, pumps are also measured in this lab. The equipment is operated in a closed loop system which conserves water and averts the need for large quantities of water supply.



Heat and Mass Transfer Lab

This lab helps the students to understand all the 3 modes of heat transfer, namely conduction, convection and radiation practically. These experiments also pave way for inculcating certain innovative skills in the students making them to use the above experimental setups as starting point to take up higher level experimental studies in Heat Transfer.



Thermal Engineering Lab

The objective of the thermal engineering laboratory is to introduce the student the fundamental theories and the industrial applications of thermodynamics, heat transfer, and fluid mechanics. This laboratory supports the courses for the undergraduate and graduate studies. Moreover, this laboratory also supports the advanced research in the area of thermal engineering, heat transfer, and fluid mechanics.



Dynamics of Machine Lab

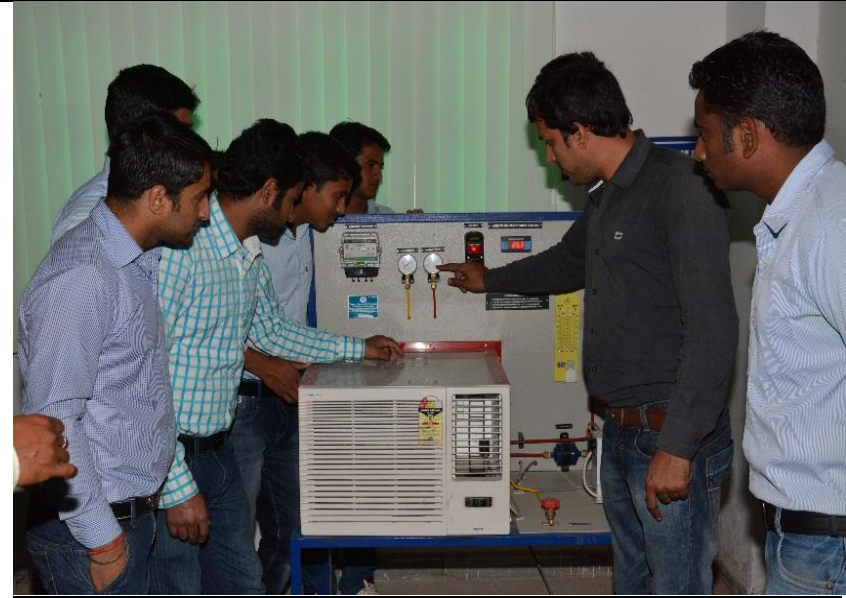
The lab is well-equipped and enables students to understand the balancing of machine parts statically and dynamically and also used to understand the dynamic behavior of moving objects. Objectives of this lab are to impart practical knowledge on design and analysis of mechanisms for the specified type of motion in a machine. With the study of rigid bodies motions and forces for the transmission systems, machine kinematics and dynamics can be well understood.

Demonstration exercises are provided with wide varieties of transmission element models to understand machine kinematics. Various experiments with governors, gyroscopes, balancing machines and universal vibration facilities are available to understand machine dynamics.



Refrigeration and Air Conditioning Lab

The lab is well-equipped and enables students to understand the basic Refrigeration and Air Conditioning cycles used in various Food processing, preservation and distribution industries, Chemical and process industries textiles, printing industries, manufacturing industries, photographic industries, computer rooms industries, power plants, vehicular industries etc.



Strength of Materials Lab

The objective of the strength of materials lab is to demonstrate the basic principles in the area of strength and mechanics of materials and structural analysis to the undergraduate students through a series of experiments. Tests such as the tension tests of a steel coupon, torsion of model circular sections and bending of a steel bar are conducted in the lab. Model truss and frames are also employed to illustrate the theory in structural analysis and the basic plastic theory of bending. The students are also introduced to the data acquisition system (Strain gauges and dial gauges etc) used in experimental study.



CAD/CAM LAB

The objective of the CAD/CAM lab is to understand and handle design problems in a systematic manner and to gain practical experience in handling 2D drafting and 3D modeling software systems. It is to be used to apply CAD in real life applications



CAD LAB

Machine Drawing Lab

Drawing is the language of engineers. An engineer must be well conversant with drawings. Drawings represent reduced shape of structure and the owner will be able to see what is going to happen. It is the best possible way to prepare a concise record of the numerous architecture, and engineering works in a manner that can be readily understood and translated into reality by people whose duties commence when the designer and draughtsman have finished their work.



MECHANICAL ENGINEERING DEPARTMENT
Lab Equipments Details

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2	THERMAL ENGINEERING LAB	2
3	DYNAMICS OF MACHINES LAB	3-4
4	FLUID MECHANICS LAB	5
5	MATERIAL SCIENCE LAB	6
6	HEAT & MASS TRANSFER LAB	7

7	I.C ENGINE LAB	8
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10	MACHANICAL VIBRATION LAB	15
11	REFRIGERATION & AIR CONDITIONING LAB	16
13	MEASUREMENT & CONTROL LAB	17

2. STRENGTH OF MATERIAL LAB (MECHANICAL DEPTT)

S.no	Item Description	Make	Present Condition	Quantity
1	Torsion testing machine	Tech-Ed Equipment Co.	OK	01
2	Rock-well hardness testing machine	Ratnakar Enterprises, Model no. Rvm-50	OK	01
3	Impact testing machine	Sun Lab Tech Equipment	OK	01
4	Spring testing machine	Tech-Ed Equipment Co.	OK	01
5	Universal testing machine	Tech-Ed Equipment Co.	OK	01

3.THERMAL ENGINEERING LAB (MECHANICAL DEPTT.)

S.no	Item Description	Present Condition	Make	Quantity
1	Spring loaded safety valve	OK	Sun Lab Tech Equipment	01
2	Dead weight safety Valve	OK	Sun Lab Tech Equipment	01
3	Lever Safety valve	OK	Sun Lab Tech Equipment	01
4	Babcock & Wilcox boiler	OK	Sun Lab Tech Equipment	01
5	Cochran boiler	OK	Sun Lab Tech Equipment	01
6	Lancashire boiler	OK	Sun Lab Tech Equipment	01

7	Cornish boiler	OK	Sun Lab Tech Equipment	01
8	Locomotive boiler	OK	Sun Lab Tech Equipment	01

4. DYNAMICS OF MACHINES LAB (MECHANICAL DEPTT.)

S.no	Item Description	Make	Present Condition	Quantity
1	Static and dynamic balancing	Sun lab tek Equipment	OK	01
2	Universal Governor	Sun lab tekEquipment	OK	01
3	Motorized gyroscope	Sun lab tekEquipment	OK	01
4	Beam Engine model	Sun lab tekEquipment	OK	01
5	Prony brake dynamometer	Sun lab tekEquipment	OK	01
6	Cam & follower model Plate cam : with flat faced reciprocating follower	Sun lab tekEquipment	OK	01

7	Tangent cam : with roller oscillating follower	Sun lab tekEquipment	OK	01
8	Cylindrical cam:with translating follower	Sun lab tekEquipment	OK	01
9	Translating Cam: with reciprocating knife edge follower	Sun lab tekEquipment	OK	01
10	End cam: with translating follower	Sun lab tekEquipment	OK	01
11	Ellipse tracer	Sun lab tekEquipment	OK	01
12	Scotch yoke mechanism	Sun lab tekEquipment	OK	01
13	Trifiler suspension	Sun lab tekEquipment	OK	01

14	Inversion double slider	Sun lab tekEquipment	OK	01
15	Oldham coupling	Sun lab tekEquipment	OK	01
16	Compound lever	Sun lab tekEquipment	OK	01
17	Inversions of four bar link mechanism	Sun lab tekEquipment	OK	01
18	Withworm quick return mechanism	Sun lab tekEquipment	OK	01
19	Trifler suspension	Sun lab tekEquipment	OK	01
20	Rope break dynamometer	Sun lab tekEquipment	OK	01
21	Rope and flat belt friction apparatus	Sun lab tekEquipment	OK	01

22	Combined inclined plane & friction apparatus	Sun lab tekEquipment	OK	01
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5. FLUID MECHANICS LAB (MECHANICAL DEPTT)

S.no	Item Description	Make	Present Condition	Quantity
1	Venturimeter apparatus	Tech ED lab equipment	OK	01
2	To determine CC,CV,CD of an orifice apparatus	Tech ED lab equipment	OK	01
3	Bernoulli's Theorems apparatus	Tech ED lab equipment	OK	01
4	To determine the friction factor test rig	Tech ED lab equipment	OK	01
5	To determine CD of a v-notch apparatus	Tech ED lab equipment	OK	01
6	To calibrate orifice meter apparatus	Tech ED lab equipment	OK	01

7	To determine CD of mouthpiece apparatus	Tech ED lab equipment	OK	01
8	To determine the minor losses test rig	Tech ED lab equipment	OK	01
9	TO determine meta-centre height apparatus	Tech ED lab equipment	OK	01

6. MATERIAL SCIENCE LAB (MECHANICAL DEPTT)

S.No	Item Description (Make & Models)	Location (Department)	Present Condition	Quantity
1	Muffle Furnance	Mechanical Department	OK	01
2	Microscope	Mechanical Department	OK	01
3	Polshing machine	Mechanical Department	OK	01
4	Belt grinding machine (H.E.T.T)	Mechanical Department	OK	01

7. HEAT & MASS TRANSFER LAB (MECHANICAL DEPTT)

S.no	Item Description	Make	Present Condition	Quantity
1	Heat transfer from pin-fin apparatus	Tech-ED Equipment company	OK	01
2	Heat transfer in natural convection apparatus	Tech-ED Equipment company	OK	01
3	Heat transfer through lagged pipe apparatus	Tech-ED Equipment company	OK	01
4	thermal conductivity of solids apparatus	Tech-ED Equipment company	OK	01
5	Stefan-Boltzman apparatus	Tech-ED Equipment company	OK	01
6	Heat pipe demonstrator apparatus	Tech-ED Equipment company	OK	01

7	Thermal conductivity of wall apparatus	Tech-ED Equipment company	OK	01
8	Thermal conductivity of Insulating powder apparatus	Tech-ED Equipment company	OK	01
9	thermal conductivity of a metal bar apparatus	Tech-ED Equipment company	OK	01
10	Emissivity measurement apparatus	Tech-ED Equipment company	OK	01
11	Thermal conductivity of liquid apparatus	Tech-ED Equipment company	OK	01
12	Drop wise & film wise condensation apparatus	Technical teaching equipment	OK	01
13	Critical heat flux apparatus	Technical teaching equipment	OK	01
14	Parallel flow/counter flow heat exchanger apparatus	Technical teaching equipment	Mechanical Department	01

8. I.C ENGINE LAB (MECHANICAL DEPTT)

S.no	Item Description	Make	Values (rupees)	Present condition	D.O.P.
1	Single stage air compressor test rig	Sun lab tekEquipment	117767.50	Ok	21/11/11
2	Single cylinder four stroke diesel engine test rig	Sun lab tekEquipment	100000.00	Ok	21/11/11
3	Cut model of car engine	Sun lab tekEquipment	60,000	Ok	Assembled
4	Single cylinder 2 stroke engine with rope brake dynamometer for scavenging study	Technical Teaching equipment	189000	Ok	23/5/2013

5	6 Gas analyser model	Technical Teaching equipment	480500	Ok	23/5/2013
6	Fourcylinder 4 stroke vertical water cooled petrol engine test rig.	Technical Teaching equipment	500500	Ok	23/5/2013

9. HYDRAULIC AND HYDRAULICS MACHINE LAB

S.no	Item Description	Make	Present condition	Quantity
1	Closed circuit Francis Turbine test Rig	Technical teaching equipment	Ok	01
2	Reciprocating Pump test Rig	Sun lab tek equipment	Ok	01
3	Closed circuit Pelton Turbine test Rig	Technical teaching equipment	Ok	01
4	Gear pump test Rig	Sun lab tek equipment	Ok	01
5	Hydraulic Ram test Rig	Technical teaching equipment	Ok	01
6	Centrifugal Pump test Rig	Sun lab tek equipment	Ok	01

10. AUTOMOBILE ENGINEERING LAB (MECHANICAL DEPTT)

S.no	Item Description	Make	Values (rupees)	Present condition	D.O.P.
1	Cut model of power steering gearbox	Sun lab tek equipment		OK	
2	Cut model of Recirculating ball type steering gearbox	Sun lab tek equipment		OK	
3	Cut model of rock & pinion steering gearbox	Sun lab tek equipment		OK	
4	Cut model of worm & roller steering gearbox	Sun lab tek equipment		OK	
5	Cut model of Radiator	Sun lab tek equipment	4660	OK	5/02/2011
6	Cut model of Constant mesh gear box	Sun lab tek equipment	12500	OK	5/02/2011

7	Cut model of Transmission system of a car	Sun lab tek equipment		OK	
8	Band & block brake	Sun lab tek equipment		OK	
9	Single shoe break	Sun lab tek equipment		OK	
10	Disc brake	Sun lab tek equipment		OK	
11	Internally expending brake	Sun lab tek equipment		OK	
12	Model of screw threads	Sun lab tek equipment		OK	
13	Disc brake	Sun lab tek equipment		OK	

14	Hydraulic brake	Sun lab tek equipment		OK	
15	Mechanical brake	Sun lab tek equipment		OK	
16	Band brake	Sun lab tek equipment		OK	
17	Double shoe brake	Sun lab tek equipment		OK	
18	Cut model of Master cylinder	Sun lab tek equipment	735	OK	3/10/2010
19	Speedometer	Sun lab tek equipment	315	OK	3/10/2010
20	Cut model of Diesel filter	Sun lab tek equipment	835	OK	3/10/2010
21	Cut model of self-starter	Sun lab tek equipment	965	OK	3/10/2010

22	Cut model of distributor	Sun lab tek equipment	475	OK	3/10/2010
23	Cut model of Dynamo	Sun lab tek equipment	685	OK	3/10/2010
24	Cut model of alternator	Sun lab tek equipment	715	OK	3/10/2010
25	Cut model of Simple type carburetor	Sun lab tek equipment	365	OK	3/10/2010
26	Cut model of Ignition coil	Sun lab tek equipment	225	OK	3/10/2010
26	Cut model of oil pump external	Sun lab tek equipment	475	OK	3/10/2010
27	Cut model of Vacuum pump	Sun lab tek equipment	235	OK	3/10/2010
28	Cut model of oil pump internal gear lubrication	Sun lab tek equipment	555	OK	3/10/2010

	pump				
29	Cut model of Su type carburetor	Sun lab tek equipment	525	OK	3/10/2010
30	Multi plate clutch	Sun lab tek equipment		OK	
31	Cut model of piston pump	Sun lab tek equipment	1445	OK	3/10/2010
32	Cut model of Electrical fuel pump	Sun lab tek equipment	250	OK	3/10/2010
33	Cut model of Rotary pump	Sun lab tek equipment	445	OK	3/10/2010
34	Cut model of Wheel cylinder	Sun lab tek equipment		OK	

35	Coupling rod	Sun lab tek equipment		OK	
36	Conical clutch	Sun lab tek equipment		OK	
37	Cut model of Solex type carburetor	Sun lab tek equipment	665	OK	3/10/2010
38	Cut model of Water pump	Sun lab tek equipment	485	OK	3/10/2010
39	Cut model of Centrifugal switch	Sun lab tek equipment		OK	
40	Plate clutch	Sun lab tek equipment		OK	
41	Cut model of fuel pump diaphragm	Sun lab tek equipment	465	OK	3/10/2010

42	Cut model of Mechanical fuel pump	Sun lab tek equipment	465	OK	3/10/2010
43	Cut model of Shock absorber	Sun lab tek equipment	500	OK	3/10/2010
44	Cut model of Propeller shaft	Sun lab tek equipment	875	OK	3/10/2010
45	Demonatration model Two stroke petrol engine	Sun lab tek equipment		OK	
46	Demonatration model Two stroke diesel engine	Sun lab tek equipment		OK	
47	Demonatration model Four stroke petrol engine	Sun lab tek equipment		OK	
48	Demonatration model Four stroke diesel engine	Sun lab tek equipment		OK	

49	Carburetor Maruti	Old Purchased	800	OK	10/5/2012
50	Two stroke engine	Old Purchased	1500	OK	10/5/2012
51	Gear box with Two stroke engine	Old Purchased	2200	OK	10/5/2012
52	Oil filter	Old Purchased	400	OK	10/5/2012
53	Carburetor Two stroke	Old Purchased	110	OK	10/5/2012
54	Carburetor four stroke	Old Purchased	200	OK	10/5/2012
55	Self-starter	Old Purchased	250	OK	10/5/2012
56	Alternator	Old Purchased	250	OK	10/5/2012

57	Gear main shaft	Old Purchased	200	OK	10/5/2012
58	Ignition coil	Old Purchased	110	OK	10/5/2012
59	Speedometer	Old Purchased	60	OK	10/5/2012
60	Piston	Old Purchased	110	OK	10/5/2012
61	Filter	Old Purchased	70	OK	10/5/2012
62	Break shoe	Old Purchased	50	OK	10/5/2012
63	Kick spring	Old Purchased	25	OK	10/5/2012
64	Gear box scouter	Old Purchased	365	OK	10/5/2012

65	Automatic clutch	Old Purchased	150	OK	10/5/2012
66	Exalter	Old Purchased	20	OK	10/5/2012
67	Scouter	Old Purchased	6000	OK	10/5/2012

11. MACHANICAL VIBRATION LAB (MECHANICAL DEPTT)

S.no	Item Description	Make	Values (rupees)	Present condition	D.O.P.
1	Universal vibration apparatus	Sun lab tek Equipment	42500	Ok	11/10/2012

12. REFRIGERATION & AIR CONDITIONING LAB

(MECHANICAL DEPTT)

S.no	Item Description	Make	Values (rupees)	Present condition	D.O.P.
1	Air Conditioning test Rig	Technical teaching equipment	45500	Ok	11/10/12
2	Refrigeration test Rig	Technical teaching equipment	32500	Ok	11/10/12
3	Mechanical Heat pump test Rig	Technical teaching equipment	51500	Ok	11/10/12
4	Water cooling tower test Rig	Technical teaching equipment	23000	Ok	11/10/12
5	Window Air Conditioning test Rig	Technical teaching equipment	35500	Ok	11/10/12

6	Vapor absorption test Rig	Technical teaching equipment	22000	Ok	11/10/12
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13. MEASUREMENT & CONTROL LAB (MECHANICAL DEPTT)

S.no	Item Description	Make	Values (rupees)	Present condition	D.O.P.
1	Strain gage based cantilever beam and measurement of strain on the beam	H.E.T.T.	13000	Ok	21/01/2013
2	LVDT and measurement of linear displacement	H.E.T.T.	10000	Ok	21/01/2013
3	Inductive pick up and measurement of linear displacement	H.E.T.T.	12000	Ok	21/01/2013
4	LDR and measurement of linear displacement	H.E.T.T.	12000	Ok	21/01/2013
5	Capacitive pick up and measurement of angular displacement	H.E.T.T.	12000	Ok	21/01/2013

6	Temperature transducer and measurement of temp of fluid	H.E.T.T.	17000	Ok	21/01/2013
7	LVDT(strain gage based) and measurement of linear displacement	H.E.T.T.	13000	Ok	21/01/2013
8	Torque pick up and measurement of torque	H.E.T.T.	17000	Ok	21/01/2013
9	Pressure pick up and measurement of pressure of fluid	H.E.T.T.	14000	Ok	21/01/2013
10	Load cell and measurement of load and load cell	H.E.T.T.	13000	Ok	21/01/2013
11	Non contact type speed pick up measurement of rotational speed	H.E.T.T.	13000	Ok	21/01/2013

12	Comparison of sensitivity of thermocouple, thermistor and RTD	H.E.T.T.	18000	Ok	21/01/2013
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. STRENGTH OF MATERIAL LAB (MECHANICAL DEPTT)

S.no	Item Description	Make	Present Condition	Quantity
1	Torsion testing machine	Tech-Ed Equipment Co.	OK	01
2	Rock-well hardness testing machine	Ratnakar Enterprises, Model no. Rvm-50	OK	01

3	Impact testing machine	Sun Lab Tech Equipment	OK	01
4	Spring testing machine	Tech-Ed Equipment Co.	OK	01
5	Universal testing machine	Tech-Ed Equipment Co.	OK	01

3.THERMAL ENGINEERING LAB (MECHANICAL DEPTT.)

S.no	Item Description	Present Condition	Make	Quantity
1	Spring loaded safety valve	OK	Sun Lab Tech Equipment	01
2	Dead weight safety Valve	OK	Sun Lab Tech Equipment	01
3	Lever Safety valve	OK	Sun Lab Tech Equipment	01
4	Babcock & Wilcox boiler	OK	Sun Lab Tech Equipment	01
5	Cochran boiler	OK	Sun Lab Tech Equipment	01
6	Lancashire boiler	OK	Sun Lab Tech Equipment	01

7	Cornish boiler	OK	Sun Lab Tech Equipment	01
8	Locomotive boiler	OK	Sun Lab Tech Equipment	01

4. DYNAMICS OF MACHINES LAB (MECHANICAL DEPTT.)

S.no	Item Description	Make	Present Condition	Quantity
1	Static and dynamic balancing	Sun lab tek Equipment	OK	01
2	Universal Governor	Sun lab tekEquipment	OK	01
3	Motorized gyroscope	Sun lab tekEquipment	OK	01
4	Beam Engine model	Sun lab tekEquipment	OK	01
5	Prony brake dynamometer	Sun lab tekEquipment	OK	01
6	Cam & follower model Plate cam : with flat faced reciprocating follower	Sun lab tekEquipment	OK	01

7	Tangent cam : with roller oscillating follower	Sun lab tekEquipment	OK	01
8	Cylindrical cam:with translating follower	Sun lab tekEquipment	OK	01
9	Translating Cam: with reciprocating knife edge follower	Sun lab tekEquipment	OK	01
10	End cam: with translating follower	Sun lab tekEquipment	OK	01
11	Ellipse tracer	Sun lab tekEquipment	OK	01
12	Scotch yoke mechanism	Sun lab tekEquipment	OK	01
13	Trifiler suspension	Sun lab tekEquipment	OK	01

14	Inversion double slider	Sun lab tekEquipment	OK	01
15	Oldham coupling	Sun lab tekEquipment	OK	01
16	Compound lever	Sun lab tekEquipment	OK	01
17	Inversions of four bar link mechanism	Sun lab tekEquipment	OK	01
18	Withworm quick return mechanism	Sun lab tekEquipment	OK	01
19	Trifler suspension	Sun lab tekEquipment	OK	01
20	Rope break dynamometer	Sun lab tekEquipment	OK	01
21	Rope and flat belt friction apparatus	Sun lab tekEquipment	OK	01

22	Combined inclined plane & friction apparatus	Sun lab tekEquipment	OK	01
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5. FLUID MECHANICS LAB (MECHANICAL DEPTT)

S.no	Item Description	Make	Present Condition	Quantity
1	Venturimeter apparatus	Tech ED lab equipment	OK	01
2	To determine CC,CV,CD of an orifice apparatus	Tech ED lab equipment	OK	01
3	Bernoulli's Theorems apparatus	Tech ED lab equipment	OK	01
4	To determine the friction factor test rig	Tech ED lab equipment	OK	01
5	To determine CD of a v-notch apparatus	Tech ED lab equipment	OK	01
6	To calibrate orifice meter apparatus	Tech ED lab equipment	OK	01

7	To determine CD of mouthpiece apparatus	Tech ED lab equipment	OK	01
8	To determine the minor losses test rig	Tech ED lab equipment	OK	01
9	TO determine meta-centre height apparatus	Tech ED lab equipment	OK	01

6. MATERIAL SCIENCE LAB (MECHANICAL DEPTT)

S.No	Item Description (Make & Models)	Location (Department)	Present Condition	Quantity
1	Muffle Furnance	Mechanical Department	OK	01
2	Microscope	Mechanical Department	OK	01
3	Polshing machine	Mechanical Department	OK	01
4	Belt grinding machine (H.E.T.T)	Mechanical Department	OK	01

7. HEAT & MASS TRANSFER LAB (MECHANICAL DEPTT)

S.no	Item Description	Make	Present Condition	Quantity
1	Heat transfer from pin-fin apparatus	Tech-ED Equipment company	OK	01
2	Heat transfer in natural convection apparatus	Tech-ED Equipment company	OK	01
3	Heat transfer through lagged pipe apparatus	Tech-ED Equipment company	OK	01
4	thermal conductivity of solids apparatus	Tech-ED Equipment company	OK	01
5	Stefan-Boltzman apparatus	Tech-ED Equipment company	OK	01
6	Heat pipe demonstrator apparatus	Tech-ED Equipment company	OK	01

7	Thermal conductivity of wall apparatus	Tech-ED Equipment company	OK	01
8	Thermal conductivity of Insulating powder apparatus	Tech-ED Equipment company	OK	01
9	thermal conductivity of a metal bar apparatus	Tech-ED Equipment company	OK	01
10	Emissivity measurement apparatus	Tech-ED Equipment company	OK	01
11	Thermal conductivity of liquid apparatus	Tech-ED Equipment company	OK	01
12	Drop wise & film wise condensation apparatus	Technical teaching equipment	OK	01
13	Critical heat flux apparatus	Technical teaching equipment	OK	01
14	Parallel flow/counter flow heat exchanger apparatus	Technical teaching equipment	Mechanical Department	01

8. I.C ENGINE LAB (MECHANICAL DEPTT)

S.no	Item Description	Make	Values (rupees)	Present condition	D.O.P.
1	Single stage air compressor test rig	Sun lab tekEquipment	117767.50	Ok	21/11/11
2	Single cylinder four stroke diesel engine test rig	Sun lab tekEquipment	100000.00	Ok	21/11/11
3	Cut model of car engine	Sun lab tekEquipment	60,000	Ok	Assembled
4	Single cylinder 2 stroke engine with rope brake dynamometer for scavenging study	Technical Teaching equipment	189000	Ok	23/5/2013

5	6 Gas analyser model	Technical Teaching equipment	480500	Ok	23/5/2013
6	Fourcylinder 4 stroke vertical water cooled petrol engine test rig.	Technical Teaching equipment	500500	Ok	23/5/2013

9. HYDRAULIC AND HYDRAULICS MACHINE LAB

S.no	Item Description	Make	Present condition	Quantity
1	Closed circuit Francis Turbine test Rig	Technical teaching equipment	Ok	01
2	Reciprocating Pump test Rig	Sun lab tek equipment	Ok	01
3	Closed circuit Pelton Turbine test Rig	Technical teaching equipment	Ok	01
4	Gear pump test Rig	Sun lab tek equipment	Ok	01
5	Hydraulic Ram test Rig	Technical teaching equipment	Ok	01
6	Centrifugal Pump test Rig	Sun lab tek equipment	Ok	01

10. AUTOMOBILE ENGINEERING LAB (MECHANICAL DEPTT)

S.no	Item Description	Make	Values (rupees)	Present condition	D.O.P.
1	Cut model of power steering gearbox	Sun lab tek equipment		OK	
2	Cut model of Recirculating ball type steering gearbox	Sun lab tek equipment		OK	
3	Cut model of rock & pinion steering gearbox	Sun lab tek equipment		OK	
4	Cut model of worm & roller steering gearbox	Sun lab tek equipment		OK	
5	Cut model of Radiator	Sun lab tek equipment	4660	OK	5/02/2011
6	Cut model of Constant mesh gear box	Sun lab tek equipment	12500	OK	5/02/2011

7	Cut model of Transmission system of a car	Sun lab tek equipment		OK	
8	Band & block brake	Sun lab tek equipment		OK	
9	Single shoe break	Sun lab tek equipment		OK	
10	Disc brake	Sun lab tek equipment		OK	
11	Internally expending brake	Sun lab tek equipment		OK	
12	Model of screw threads	Sun lab tek equipment		OK	
13	Disc brake	Sun lab tek equipment		OK	

14	Hydraulic brake	Sun lab tek equipment		OK	
15	Mechanical brake	Sun lab tek equipment		OK	
16	Band brake	Sun lab tek equipment		OK	
17	Double shoe brake	Sun lab tek equipment		OK	
18	Cut model of Master cylinder	Sun lab tek equipment	735	OK	3/10/2010
19	Speedometer	Sun lab tek equipment	315	OK	3/10/2010
20	Cut model of Diesel filter	Sun lab tek equipment	835	OK	3/10/2010
21	Cut model of self-starter	Sun lab tek equipment	965	OK	3/10/2010

22	Cut model of distributor	Sun lab tek equipment	475	OK	3/10/2010
23	Cut model of Dynamo	Sun lab tek equipment	685	OK	3/10/2010
24	Cut model of alternator	Sun lab tek equipment	715	OK	3/10/2010
25	Cut model of Simple type carburetor	Sun lab tek equipment	365	OK	3/10/2010
26	Cut model of Ignition coil	Sun lab tek equipment	225	OK	3/10/2010
26	Cut model of oil pump external	Sun lab tek equipment	475	OK	3/10/2010
27	Cut model of Vacuum pump	Sun lab tek equipment	235	OK	3/10/2010
28	Cut model of oil pump internal gear lubrication	Sun lab tek equipment	555	OK	3/10/2010

	pump				
29	Cut model of Su type carburetor	Sun lab tek equipment	525	OK	3/10/2010
30	Multi plate clutch	Sun lab tek equipment		OK	
31	Cut model of piston pump	Sun lab tek equipment	1445	OK	3/10/2010
32	Cut model of Electrical fuel pump	Sun lab tek equipment	250	OK	3/10/2010
33	Cut model of Rotary pump	Sun lab tek equipment	445	OK	3/10/2010
34	Cut model of Wheel cylinder	Sun lab tek equipment		OK	

35	Coupling rod	Sun lab tek equipment		OK	
36	Conical clutch	Sun lab tek equipment		OK	
37	Cut model of Solex type carburetor	Sun lab tek equipment	665	OK	3/10/2010
38	Cut model of Water pump	Sun lab tek equipment	485	OK	3/10/2010
39	Cut model of Centrifugal switch	Sun lab tek equipment		OK	
40	Plate clutch	Sun lab tek equipment		OK	
41	Cut model of fuel pump diaphragm	Sun lab tek equipment	465	OK	3/10/2010

42	Cut model of Mechanical fuel pump	Sun lab tek equipment	465	OK	3/10/2010
43	Cut model of Shock absorber	Sun lab tek equipment	500	OK	3/10/2010
44	Cut model of Propeller shaft	Sun lab tek equipment	875	OK	3/10/2010
45	Demonatration model Two stroke petrol engine	Sun lab tek equipment		OK	
46	Demonatration model Two stroke diesel engine	Sun lab tek equipment		OK	
47	Demonatration model Four stroke petrol engine	Sun lab tek equipment		OK	
48	Demonatration model Four stroke diesel engine	Sun lab tek equipment		OK	

49	Carburetor Maruti	Old Purchased	800	OK	10/5/2012
50	Two stroke engine	Old Purchased	1500	OK	10/5/2012
51	Gear box with Two stroke engine	Old Purchased	2200	OK	10/5/2012
52	Oil filter	Old Purchased	400	OK	10/5/2012
53	Carburetor Two stroke	Old Purchased	110	OK	10/5/2012
54	Carburetor four stroke	Old Purchased	200	OK	10/5/2012
55	Self-starter	Old Purchased	250	OK	10/5/2012
56	Alternator	Old Purchased	250	OK	10/5/2012

57	Gear main shaft	Old Purchased	200	OK	10/5/2012
58	Ignition coil	Old Purchased	110	OK	10/5/2012
59	Speedometer	Old Purchased	60	OK	10/5/2012
60	Piston	Old Purchased	110	OK	10/5/2012
61	Filter	Old Purchased	70	OK	10/5/2012
62	Break shoe	Old Purchased	50	OK	10/5/2012
63	Kick spring	Old Purchased	25	OK	10/5/2012
64	Gear box scouter	Old Purchased	365	OK	10/5/2012

65	Automatic clutch	Old Purchased	150	OK	10/5/2012
66	Exalter	Old Purchased	20	OK	10/5/2012
67	Scouter	Old Purchased	6000	OK	10/5/2012

11. MACHANICAL VIBRATION LAB (MECHANICAL DEPTT)

S.no	Item Description	Make	Values (rupees)	Present condition	D.O.P.
1	Universal vibration apparatus	Sun lab tek Equipment	42500	Ok	11/10/2012

12. REFRIGERATION & AIR CONDITIONING LAB

(MECHANICAL DEPTT)

S.no	Item Description	Make	Values (rupees)	Present condition	D.O.P.
1	Air Conditioning test Rig	Technical teaching equipment	45500	Ok	11/10/12
2	Refrigeration test Rig	Technical teaching equipment	32500	Ok	11/10/12
3	Mechanical Heat pump test Rig	Technical teaching equipment	51500	Ok	11/10/12
4	Water cooling tower test Rig	Technical teaching equipment	23000	Ok	11/10/12
5	Window Air Conditioning test Rig	Technical teaching equipment	35500	Ok	11/10/12

6	Vapor absorption test Rig	Technical teaching equipment	22000	Ok	11/10/12
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13. MEASUREMENT & CONTROL LAB (MECHANICAL DEPTT)

S.no	Item Description	Make	Values (rupees)	Present condition	D.O.P.
1	Strain gage based cantilever beam and measurement of strain on the beam	H.E.T.T.	13000	Ok	21/01/2013
2	LVDT and measurement of linear displacement	H.E.T.T.	10000	Ok	21/01/2013
3	Inductive pick up and measurement of linear displacement	H.E.T.T.	12000	Ok	21/01/2013
4	LDR and measurement of linear displacement	H.E.T.T.	12000	Ok	21/01/2013
5	Capacitive pick up and measurement of angular displacement	H.E.T.T.	12000	Ok	21/01/2013

6	Temperature transducer and measurement of temple of fluid	H.E.T.T.	17000	Ok	21/01/2013
7	LVDT(strain gage based) and measurement of linear displacement	H.E.T.T.	13000	Ok	21/01/2013
8	Torque pick up and measurement of torque	H.E.T.T.	17000	Ok	21/01/2013
9	Pressure pick up and measurement of pressure of fluid	H.E.T.T.	14000	Ok	21/01/2013
10	Load cell and measurement of load and load cell	H.E.T.T.	13000	Ok	21/01/2013
11	Non contract type speed pick up measurement of rotational speed	H.E.T.T.	13000	Ok	21/01/2013

12	Comparison of sensivity of thermocouple, thermistor and RTD	H.E.T.T.	18000	Ok	21/01/2013
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MECHANICAL ENGINEERING DEPARTMENT
Workshop Equipments Details

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5	Carpentry Shop	12
6	Sheet Metal Shop	13
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8	Smithy Shop	15
9	Measuring Equipment	16

2. Machine Shop

Machine Shop						
S. No.	Equipment	Make	Present Condition	Cost (Rupees)	D.O.P	Quantity
1	Lathe machine- no.129 size- 1740cm,1.40cm	Gujarat engineering works, Rajkot	Ok			1
2	Lathe machine- no.129 size- 1740cm,1.40cm	Gujarat engineering works, Rajkot	Ok			1
3	Lathe machine old 6 feet bed Bombay	old purchase	Ok			1

4	Aournge lathe MTY 1340 GHE	ADVANCE	Ok			1
5	Toteya small 2 feet bed lathe machine no- 1327	TATEYA	Ok			1
6	Lathe 3'bed	old purchase	Ok			1
7	Coop IC 135M 3Feet bed	old purchase	Ok			1
8	EIN-NOSO-TTI Lathe	NOSOTTI	OK			1

9	Old lathe –with drill shaper milling	DAINICH KINZOKU CO. LTD	Ok			1
10	Torshalla lathe 4 feet bed	TORSHALLA	Ok			1
11	Beneh grinder HP-.75 Model BG 83 S No. 52152	Elmoco vijai machine tools Bombay	Ok			1
12	Shaper machine 18” bad –speed by belt with vice	ATLAS machine tools Ludhiana	Ok			1
13	Pillar Drill machine 1”	old purchase	Ok			1

14	Pillar Drill machine 1/2"	old purchase	Ok			1
15	Bench Vice	RAHUL	Ok			5
16	Bench Vice	OSCAR	Ok			8
17	Bench Vice	BIG	Ok			9
18	Casting Moulding machine	ECO-MEEH Bombay	Ok			1

19	Air compressor	old purchase	Ok			1
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Production Engineering Lab						
S. No.	Equipment	Make	Present Condition	Cost (Rupees)	D.O.P	Quantity
1	MK 4 capstan turret lathe	MK 4 Capstan lathe	Ok			1
2	Alfa lathe old 3feet chuck dia 16 feet bed	Alfa lathe company Bombay	Ok			1

3	Milling machine speed by gear with dividing head table vertical head	ATLAS machine tools Ludhiana	Ok			1
4	Fly press no. -5 hand use only	LOVELY L-5	Ok			1
5	Universal cylindrical machine RTW-RTWCCGS	ATLAS machine tools Ludhiana	Ok			1
6	Sensitive drill machine s/no. 20911834 with drill elwele	ITCOP Indus trial tools LTD. India	Ok			1
7	Radial drill machine with base	ATLAS machine tools Ludhiana	Ok			1
8	Tool cutter grinder	ADDISON	Under maintainer			1

9	Tool & Cutter grinder	H.T.E.T	Ok	150000	25/01/2013	1
10	Lathe Tool Dynamometer	H.T.E.T	Ok	30500	25/01/2013	1
11	Drill Tool Dynamometer	H.T.E.T	Ok	30500	25/01/2013	1
12	Power hack saw machine 1HP- no.-16810	JASWANT (JEW)	Ok			1
13	Die Moulding	KWATRA	Ok			1

Welding Shop

S. No.	Equipment	Make	Present Condition	Cost (Rupees)	D.O.P	Quantity
1	ARC Welder AC	DOUBLE RACER	Ok			1
2	ARC Welder AC	DOUBLE RACER	Ok			1
3	ARC Welding	ADOR	ok			1
4	MIG Welding	SHAKTECH	Ok	125000	25/01/2013	1

	Set					
5	GAS Welding	Self febricat	Ok			1
6	ARC Welding bombay	ATLAS machine tools Mumbai	Ok			1
7	Pillar drill 1/2" machine	SHREE SHAKTIVIJAY ENGG WORKS	Ok			1
8	ARC Welder	old purchase	Ok			1
9	ARC Welder	old purchase	Ok			1
10	ARC Welder	old purchase	Ok			1

11	Circular cutter	old purchase	Ok			1
12	Thyristorised Rectifire		ok			1

Carpentry Shop

S. No.	Equipment	Make	Present Condition	Cost (Rupees)	D.O.P	Quantity
1	Circuler Saw-Zig-Saw Machine	ORBIT Machine Tool	Ok			1
2	Wood working M/C Band saw – Carpentry	Sold agent (ATLAS machine tools) Norton engineering work 1HP	Ok			1
3	Atlas machine tools doall type saw M/C vertical	Maeu machine LTD.	Ok			1

4	Wood turning Adda M/C	self	Ok			1
5	Wood turning Adda M/C	self	Ok			1
6	Wood cutter M/C	old purchase	Ok			1
7	Wood working Bench vice	Aries	Ok			6
8	Iron Jack planer	AMBIKA	Ok			10

Sheet Metal Shop

S. No.	Equipment	Make	Present Condition	Cost (Rupees)	D.O.P	Quantity
1	Sheet Banding		Ok			1
2	Sheet Cutter		Ok			1
3	Pipe Bending	Self	Ok			1

Foundry Shop Equipments list

S. No.	Equipment	Make	Present Condition	Cost (Rupees)	D.O.P	Quantity
1	Pit Furnace		OK			1
2	Moulding Box		OK			4
3	Shovel		OK			1
4	Riddle		OK			1
5	Hand Hammer		OK			2
6	Trowel		OK			2

7	Slick		OK			1
8	Lifter		OK			2
9	Striker -Off- Bar		OK			2
10	Sprue Pin		OK			1
11	Mallet		OK			1
12	Vent Rod		OK			2

Smithy Shop

S. No.	Equipment	Make	Present Condition	Cost (Rupees)	D.O.P	Quantity
1	Anvil	Self	Ok	3000	25/04/2009	1
2	Air blower		Ok	4500	25/04/2009	1
3	Swage box	Self	Ok		25/04/2009	1
4	Flat Tong	Self	Ok		25/04/2009	1

Measuring Equipments

S. No.	Equipment	Make	Present Condition	Cost (Rupees)	D.O.P	Quantity
1	Vernier caliper 6"		Ok			2
2	Micrometer 0- 25 mm		Ok			1
3	Micrometer 0- 1"		Ok			1
4	Sin bar -10"		Ok			1
5	Slip gauge –set		Ok			1
6	Bevel angle protector		Ok			1
7	Angle protector set		Ok			1
8	V Height gauge		Ok			1
9	Try square		Ok			10

MECHANICAL ENGINEERING DEPARTMENT

Workshop Equipments Details

Index

S. NO.	NAME OF SHOP	PAGE NO.
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5	Carpentry Shop	12
6	Sheet Metal Shop	13
7	Foundry Shop	14
8	Smithy Shop	15
9	Measuring Equipment	16

2. Machine Shop

Machine Shop						
S. No.	Equipment	Make	Present Condition	Cost (Rupees)	D.O.P	Quantity
1	Lathe machine- no.129 size- 1740cm,1.40cm	Gujarat engineering works, Rajkot	Ok			1
2	Lathe machine- no.129 size- 1740cm,1.40cm	Gujarat engineering works, Rajkot	Ok			1
3	Lathe machine old 6 feet bed Bombay	old purchase	Ok			1

4	Aournge lathe MTY 1340 GHE	ADVANCE	Ok			1
5	Toteya small 2 feet bed lathe machine no- 1327	TATEYA	Ok			1
6	Lathe 3'bed	old purchase	Ok			1
7	Coop IC 135M 3Feet bed	old purchase	Ok			1
8	EIN-NOSO-TTI Lathe	NOSOTTI	OK			1

9	Old lathe –with drill shaper milling	DAINICH KINZOKU CO. LTD	Ok			1
10	Torshalla lathe 4 feet bed	TORSHALLA	Ok			1
11	Beneh grinder HP-.75 Model BG 83 S No. 52152	Elmoco vijai machine tools Bombay	Ok			1
12	Shaper machine 18” bad –speed by belt with vice	ATLAS machine tools Ludhiana	Ok			1
13	Pillar Drill machine 1”	old purchase	Ok			1

14	Pillar Drill machine 1/2"	old purchase	Ok			1
15	Bench Vice	RAHUL	Ok			5
16	Bench Vice	OSCAR	Ok			8
17	Bench Vice	BIG	Ok			9
18	Casting Moulding machine	ECO-MEEH Bombay	Ok			1

19	Air compressor	old purchase	Ok			1
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Production Engineering Lab						
S. No.	Equipment	Make	Present Condition	Cost (Rupees)	D.O.P	Quantity
1	MK 4 capstan turret lathe	MK 4 Capstan lathe	Ok			1
2	Alfa lathe old 3feet chuck dia 16 feet bed	Alfa lathe company Bombay	Ok			1

3	Milling machine speed by gear with dividing head table vertical head	ATLAS machine tools Ludhiana	Ok			1
4	Fly press no. -5 hand use only	LOVELY L-5	Ok			1
5	Universal cylindrical machine RTW-RTWCCGS	ATLAS machine tools Ludhiana	Ok			1
6	Sensitive drill machine s/no. 20911834 with drill elwele	ITCOP Indus trial tools LTD. India	Ok			1
7	Radial drill machine with base	ATLAS machine tools Ludhiana	Ok			1
8	Tool cutter grinder	ADDISON	Under maintainer			1

9	Tool & Cutter grinder	H.T.E.T	Ok	150000	25/01/2013	1
10	Lathe Tool Dynamometer	H.T.E.T	Ok	30500	25/01/2013	1
11	Drill Tool Dynamometer	H.T.E.T	Ok	30500	25/01/2013	1
12	Power hack saw machine 1HP- no.-16810	JASWANT (JEW)	Ok			1
13	Die Moulding	KWATRA	Ok			1

Welding Shop

S. No.	Equipment	Make	Present Condition	Cost (Rupees)	D.O.P	Quantity
1	ARC Welder AC	DOUBLE RACER	Ok			1
2	ARC Welder AC	DOUBLE RACER	Ok			1
3	ARC Welding	ADOR	ok			1
4	MIG Welding Set	SHAKTECH	Ok	125000	25/01/2013	1
5	GAS Welding	Self febricat	Ok			1

6	ARC Welding bombay	ATLAS machine tools Mumbai	Ok			1
7	Pillar drill 1/2" machine	SHREE SHAKTIVIJAY ENGG WORKS	Ok			1
8	ARC Welder	old purchase	Ok			1
9	ARC Welder	old purchase	Ok			1
10	ARC Welder	old purchase	Ok			1
11	Circular cutter	old purchase	Ok			1
12	Thyristorised Rectifire		ok			1

Carpentry Shop

S. No.	Equipment	Make	Present Condition	Cost (Rupees)	D.O.P	Quantity
1	Circuler Saw-Zig-Saw Machine	ORBIT Machine Tool	Ok			1
2	Wood working M/C Band saw – Carpentry	Sold agent (ATLAS machine tools) Norton engineering work 1HP	Ok			1
3	Atlas machine tools doall type saw M/C vertical	Maeu machine LTD.	Ok			1
4	Wood turning Adda M/C	self	Ok			1
5	Wood turning Adda M/C	self	Ok			1
6	Wood cutter M/C	old purchase	Ok			1

7	Wood working Bench vice	Aries	Ok			6
8	Iron Jack planer	AMBIKA	Ok			10

Sheet Metal Shop

S. No.	Equipment	Make	Present Condition	Cost (Rupees)	D.O.P	Quantity
1	Sheet Banding		Ok			1
2	Sheet Cutter		Ok			1
3	Pipe Bending	Self	Ok			1

Foundry Shop Equipments list

S. No.	Equipment	Make	Present Condition	Cost (Rupees)	D.O.P	Quantity
1	Pit Furnace		OK			1
2	Moulding Box		OK			4
3	Shovel		OK			1
4	Riddle		OK			1
5	Hand Hammer		OK			2
6	Trowel		OK			2
7	Slick		OK			1
8	Lifter		OK			2
9	Striker –Off- Bar		OK			2

10	Sprue Pin		OK			1
11	Mallet		OK			1
12	Vent Rod		OK			2

Smithy Shop

S. No.	Equipment	Make	Present Condition	Cost (Rupees)	D.O.P	Quantity
1	Anvil	Self	Ok	3000	25/04/2009	1
2	Air blower		Ok	4500	25/04/2009	1
3	Swage box	Self	Ok		25/04/2009	1
4	Flat Tong	Self	Ok		25/04/2009	1

Measuring Equipments

S. No.	Equipment	Make	Present Condition	Cost (Rupees)	D.O.P	Quantity
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1	Vernier caliper 6"		Ok			2
2	Micrometer 0- 25 mm		Ok			1
3	Micrometer 0- 1"		Ok			1
4	Sin bar -10"		Ok			1
5	Slip gauge –set		Ok			1
6	Bevel angle protector		Ok			1
7	Angle protector set		Ok			1
8	V Height gauge		Ok			1
9	Try square		Ok			10



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UNIVERSITYCHUDELA JHUNJHUNU
RAJASTHAN

ARCHITECTURE

LAB

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2	Equipment & Apparatus Name of Material Testing Lab	2
3	Climatology, Environmental Studies Lab	3

Institute of Architecture

B. Arch. Labs

Surveying lab

- Surveying and Leveling Laboratory contains equipment's like Leveling Staff, Chains, Tapes, Ranging Rods, Line Rangers, Optical Square, Prism Sqaure, Indian Optical Square, Prismatic Compass, Surveyor's Compass, Dumpy Levels, Theodolite, Plane Table and Plan meter.



Material Testing Laboratory & Structure Model Lab

Material Testing Laboratory contains equipments like Universal Testing Machine, Compression Testing Machine, Pendulum Impact Testing Machine, Fatigue Testing Machine, Brinell-Vicker Hardness Testing Machine, Torsion Testing Machine and Tamping Rod.



1. Surveying Lab

S.NO.	Equipment /Apparatus Name	Quantity
1.	Electronic theodolite	3
2.	Dumpy level	4
3.	Auto level	2
4.	Staff	4m-5 5m-2
5.	Plane table	3
6.	Plane table kit	3
7.	Measuring tape	6-30m
8.	Chain	2-30m 2-20m
9.	Mirror stereoscope	1
10.	Theodolite	1
11.	Line ranger	6
12.	Open cross staff	6
13.	Optical square	5
14.	Octagonal cross staff	6
15.	Prismatic compass	5
16.	Direction compass	24
17.	Surveyor compass	4
18.	Vernier caliper	4
19.	Alidade	6
20.	Line ranger	6
21.	Tripods	9
22.	Ranging rod	3m-6 2m-10
23.	Ranging rod extension	1.5m-9

9

2: MATERIAL TESTING LAB

S.NO.	Equipment /Apparatus Name	Quantity
1.	Spring test machine - 2000 kg	1
2.	Flexure testing machine - 100kN	1
3.	Compression testing machine 1000kN (Manual)	1
4.	Impact testing machine Izod- 328joules	1
5.	Universal testing machine-400kN	1
6.	Rockwell hardness test	1
7.	Torsion testing machine	1
8.	Compression Testing machine 1000KN (Motorized)	1

5

CLIMATOLOGY, ENVIRONMENTAL STUDIES LAB

S.No.	Particulars	Qty
1.	Luxmeter	1
2.	Sunshine Recorder	1
3.	Wind Stimulator	1
4.	Wind Cup Anemometer With Digital Counter	1
5.	Rain Guage Fiber Body (small)	1
6.	4 in 1 instrument(Anemometer, Thermometer , Rain Guage) (Automatic Rain Guage Imported WMR 200)0	1
7.	Sun dial Compass (Brass Body) 100 mm.	1
8.	Bio Climatic Chart (@220)	12
9.	Sun orbit table. (Solar System)	1

5



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RAJASTHAN

RENEWABLE ENERGY & RESEARCH CENTRE

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3.	List of Equipments in Renewable Energy Research Centre	2

Renewable Energy Research Centre

The field of renewable energy today is at the stage where the computer industry was in the early 1970's, and the Internet industry in the early 1990s. The opportunities to innovate, lead and make a significant difference are immense for both individuals and businesses. Renewable energy, along with the related fields of sustainability, has the potential to make an even bigger difference to the world. Shri Jyoti University Renewable Energy Research Center is committed to promote the use of renewable energy resources and the surrounding region by developing educational activities, research projects, industrial partnership, and community outreach programs.





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UNIVERSITYCHUDELA JHUNJHUNU
RAJASTHAN

LANGUAGE LAB

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1	Introduction of Language Lab	I

Language Lab

Good communication skills are indispensable for the success of any professional. If one wants to reach out to people, he or she has to speak their language. The English language, in particular, has become essential in the lives of young people who aspire to advance their careers anywhere in the world. English language learning has therefore become a must for any Indian student today. Shri JIT University has a well-equipped language lab.





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RAJASTHAN

WORKSHOP

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4	Carpentry Shop	6
5	Sheet Metal Shop	7
6	Foundry Shop	8
7	Smithy Shop	9
8	Measuring Equipment	10

Machine Shop+

Machine Shop						
S. No.	Equipment	Make	Present Condition	Cost (Rupees)	D.O.P	Quantity
1	Lathe machine- no.129 size- 1740cm,1.40cm	Gujarat engineering works, Rajkot	Ok			1
2	Lathe machine- no.129 size- 1740cm,1.40cm	Gujarat engineering works, Rajkot	Ok			1
3	Lathe machine old 6 feet bed Bombay	old purchase	Ok			1

4	Aournge lathe MTY 1340 GHE	ADVANCE	Ok			1
5	Toteya small 2 feet bed lathe machine no- 1327	TATEYA	Ok			1
6	Lathe 3'bed	old purchase	Ok			1
7	Coop IC 135M 3Feet bed	old purchase	Ok			1
8	EIN-NOSO- TTI Lathe	NOSOTTI	OK			1

9	Old lathe –with drill shaper milling	DAINICH KINZOKU CO. LTD	Ok			1
10	Torshalla lathe 4 feet bed	TORSHALLA	Ok			1
11	Beneh grinder HP-.75 Model BG 83 S No. 52152	Elmoco vijai machine tools Bombay	Ok			1
12	Shaper machine 18” bad –speed by belt with vice	ATLAS machine tools Ludhiana	Ok			1
13	Pillar Drill machine 1”	old purchase	Ok			1

14	Pillar Drill machine 1/2"	old purchase	Ok			1
15	Bench Vice	RAHUL	Ok			5
16	Bench Vice	OSCAR	Ok			8
17	Bench Vice	BIG	Ok			9
18	Casting Moulding machine	ECO-MEEH Bombay	Ok			1

19	Air compressor	old purchase	Ok			1
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Production Engineering Lab						
S. No.	Equipment	Make	Present Condition	Cost (Rupees)	D.O.P	Quantity
1	MK 4 capstan turret lathe	MK 4 Capstan lathe	Ok			1
2	Alfa lathe old 3feet chuck dia 16 feet bed	Alfa lathe company Bombay	Ok			1

3	Milling machine speed by gear with dividing head table vertical head	ATLAS machine tools Ludhiana	Ok			1
4	Fly press no. - 5 hand use only	LOVELY L-5	Ok			1
5	Universal cylindrical machine RTW-RTWCCGS	ATLAS machine tools Ludhiana	Ok			1
6	Sensitive drill machine s/no. 20911834 with drill elwele	ITCOP Indus trial tools LTD. India	Ok			1
7	Radial drill machine with base	ATLAS machine tools Ludhiana	Ok			1

8	Tool cutter grinder	ADDISON	Under maintainer			1
9	Tool & Cutter grinder	H.T.E.T	Ok	150000	25/01/2013	1
10	Lathe Tool Dynamometer	H.T.E.T	Ok	30500	25/01/2013	1
11	Drill Tool Dynamometer	H.T.E.T	Ok	30500	25/01/2013	1
12	Power hack saw machine 1HP-no.- 16810	JASWANT (JEW)	Ok			1
13	Die Moulding	KWATRA	Ok			1

Welding Shop

S. No.	Equipment	Make	Present Condition	Cost (Rupees)	D.O.P	Quantity
1	ARC Welder AC	DOUBLE RACER	Ok			1
2	ARC Welder AC	DOUBLE RACER	Ok			1
3	ARC Welding	ADOR	ok			1
4	MIG Welding Set	SHAKTECH	Ok	125000	25/01/2013	1
5	GAS	Self febricat	Ok			1

	Welding					
6	ARC Welding bombay	ATLAS machine tools Mumbai	Ok			1
7	Pillar drill 1/2" machine	SHREE SHAKTIVIJAY ENGG WORKS	Ok			1
8	ARC Welder	old purchase	Ok			1
9	ARC Welder	old purchase	Ok			1
10	ARC Welder	old purchase	Ok			1
11	Circular cutter	old purchase	Ok			1

12	Thyristorised Rectifire		ok			1
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Carpentry Shop						
S. No.	Equipment	Make	Present Condition	Cost (Rupees)	D.O.P	Quantity
1	Circuler Saw-Zig-Saw Machine	ORBIT Machine Tool	Ok			1
2	Wood working M/C Band saw –Carpentry	Sold agent (ATLAS machine tools) Norton engineering work 1HP	Ok			1
3	Atlas machine tools doall type saw M/C vertical	Maeu machine LTD.	Ok			1
4	Wood turning Adda M/C	self	Ok			1
5	Wood turning Adda M/C	self	Ok			1
6	Wood cutter M/C	old purchase	Ok			1

7	Wood working Bench vice	Aries	Ok			6
8	Iron Jack planer	AMBIKA	Ok			10

Sheet Metal Shop						
S. No.	Equipment	Make	Present Condition	Cost (Rupees)	D.O.P	Quantity
1	Sheet Banding		Ok			1
2	Sheet Cutter		Ok			1
3	Pipe Bending	Self	Ok			1

Foundry Shop Equipments list

S. No.	Equipment	Make	Present Condition	Cost (Rupees)	D.O.P	Quantity
1	Pit Furnace		OK			1
2	Moulding Box		OK			4
3	Shovel		OK			1
4	Riddle		OK			1
5	Hand Hammer		OK			2
6	Trowel		OK			2

7	Slick		OK			1
8	Lifter		OK			2
9	Striker – Off-Bar		OK			2
10	Sprue Pin		OK			1
11	Mallet		OK			1
12	Vent Rod		OK			2

Smithy Shop

S. No.	Equipment	Make	Present Condition	Cost (Rupees)	D.O.P	Quantity
1	Anvil	Self	Ok	3000	25/04/2009	1
2	Air blower		Ok	4500	25/04/2009	1
3	Swage box	Self	Ok		25/04/2009	1
4	Flat Tong	Self	Ok		25/04/2009	1

Measuring Equipments

S. No.	Equipment	Make	Present Condition	Cost (Rupees)	D.O.P	Quantity
1	Vernier caliper 6"		Ok			2
2	Micrometer 0-25 mm		Ok			1
3	Micrometer 0-1"		Ok			1
4	Sin bar - 10"		Ok			1
5	Slip gauge -set		Ok			1
6	Bevel angle protector		Ok			1

7	Angle protector set		Ok			1
8	V Height gauge		Ok			1
9	Try square		Ok			10



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YOGA & NATUROPATHY CENTRE

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सेठ फतेचंद पालीराम झुन्झुनुवालानेचुरोपैथी सेन्टर
(प्राकृतिक आयुर्विज्ञान एवं पर्यावरण अध्ययन विभाग)

श्री जे.जे.टी. विश्वविद्यालय, झुन्झुनू-चूरु रोड, चुडेला-333001, जि. झुन्झुनू (राजस्थान)

एक संक्षिप्त परिचय



शरीरमाद्यं खलु धर्मसाधनम् ।

आधुनिक सभ्यता के दौर में मानव समाज प्राकृतिक नियमों की अवहेलना करके प्रकृति से जितना दूर जा रहा है उतना वह दण्ड स्वरूप अधिक रोग भोग रहा है। अतः मानव प्रकृति के नियमों को समझकर प्राकृतिक जीवनशैली को अपना सके तथा रोगावस्था में स्वस्त, सुलभ एवं संपूर्ण रूप से निर्दोष ऐसे योग, आयुर्वेद एवं प्राकृतिक उपचार पद्धतियों द्वारा स्वास्थ्य लाभ ले सके इस उद्देश्य से श्री जे.जे.टी.विश्वविद्यालय के प्राकृतिक परिवेश में 'प्राकृतिक आयुर्विज्ञान एवं पर्यावरण अध्ययन विभाग' द्वारा सेठ फतेचंद पालीराम झुन्झुनुवाला प्राकृतिक आयुर्विज्ञान केन्द्र का संचालन किया गया है। स्वास्थ्य क्षेत्र में कार्यरत दक्ष चिकित्सकों, विशेषज्ञों एवं प्रबुद्ध चिंतकों द्वारा जन सामान्यों के लिए आरोग्य मार्गदर्शन एवं उन्नत आरोग्य सेवायें उपलब्ध करवाना, प्राकृतिक आयुर्विज्ञान की ज्ञान शाखाओं में अध्ययन-अध्यापन संपन्न करवाना तथा प्राकृतिक आयुर्विज्ञान के क्षेत्र में अनुसंधान कार्यक्रमों का संचालन करना यह इस केन्द्र का उद्देश्य रहा है।

आधुनिक चिकित्सा में अंतर्निहित दोषों के विपरित प्राचीन भारतीय प्राकृतिक आयुर्विज्ञान के उपचारतंत्र स्वस्त, निर्दोष एवं रोगमूल का नाश करके पूर्ण स्वास्थ्य देने का सहस्रों सदियों से अनुभव रखते आये हैं। **स्वास्थ्यस्य स्वास्थ्य रक्षणम् व्याधितानां व्याधिपरिमोक्षः।** इस उद्देश्य की सार्वत्रिक परंपरा का अनुसरण करते हुए प्राणीजगत के कल्याण, दीर्घायु, सुखायु एवं दुःख विमुक्ति के अपुर्व आश्वासन से योग, आयुर्वेद एवं प्राकृतिक चिकित्सा के संयुक्त अभिगम द्वारा सर्वांगीन, सहज, सुलभ और कम से कम लागत पर उन्नत

स्वास्थ्य सेवार्थे उपलब्ध करवाने जहां प्राकृतिक आयुर्विज्ञान केन्द्र प्रतिबद्ध है। वहा योग, आयुर्वेद एवं प्राकृतिक चिकित्सा का चयन करने के लिये आपका अभिनंदन एवं स्वागत है।

केन्द्र की विशेषतायें:

- श्री जेजेटी विश्वविद्यालय के प्रांगण में स्थापित इस केन्द्र के प्रशस्त भवन में महिलाओं एवं पुरुषों के उपचार हेतु स्वतंत्र व्यवस्था है।
- मसाज, भापस्नान, कटिस्नान, रीढ़स्नान, टबस्नान मिट्टीपट्टी, मिट्टीलेप, शिरोधारा, शिरोबस्ति, शिरोपिचु, औषधिय काढ़ों का सेंक, एनिमा, एक्युप्रेशर, फिजिओथेरेपी एवं योग आदि विविध आयुर्वेदिक, प्राकृतिक एवं यौगिक उपचारों हेतु महिला और पुरुष विभाग में अलग अलग कक्षों तथा उच्चश्रेणी के आधुनिक उपकरणों का उपयोग किया गया है।
- दूर के मरीजों के लिए सामान्य एवं वातानुकूलित आवास की सुविधा न्यूनतम दरों में केन्द्र में उपलब्ध करवाई गयी है।

योग, आयुर्वेद प्राकृतिक चिकित्सा एवं एक्युप्रेशर—फिजिओथेरेपी आदि निरापद, स्वस्त, सहज और सबके लिए

सुलभ ऐसे चिकित्सा विज्ञान को संयुक्तिक रूप से प्राकृतिक आयुर्विज्ञान कहा जाता है।

योगासन, प्राणायाम, ध्यान, धारणा, मुद्रा, आदि यौगिक क्रियाओं द्वारा शरीर में प्राण का

नियामन एवं संतुलन कर के अंतस्त्रावी ग्रंथियों के स्रोतों का संतुलन बनाकर शरीर और मन को स्वस्थ-सुंदर बनाने का तथा आत्म उन्नति का ध्येय साध्य करवानेवाला शास्त्र योगचिकित्सा विज्ञान है।

सहस्रों सदियों से लोक समुदाय द्वारा स्वीकृत, समय की कसोटी पर खरी उतरी यह

ऋषियों द्वारा प्रेरित आयुर्विद्या हैं। मिथ्या आहार, विहार आदि से निर्मित विषोत्पत्ति को शारीरिक शुद्धी से दूर

कर के प्रकृती की निरापद वनौषधियों का उपयोग कर वातादि दोष एवं रस, रक्त, मांस, मेद, अस्थि, मज्जा,

शुक्र इत्यादी धातुओं में संतुलन स्थापित कर मानव संपूर्ण स्वास्थ्य लाभ करवाना ही इस चिकित्सा का

प्रयोजन है।

प्राकृतिक चिकित्सा: प्रकृति के पंचभौतिक तत्त्व एवं उपतत्त्वों का चिकित्सकिय प्रयोग करके निर्दोष रूप से रोगी रोगमुक्त हो कर शरीर एवं मन को निरोगी एवं स्वस्थ रख सके यह विज्ञान प्राकृतिक चिकित्सा विज्ञान है।

इसके अतिरिक्त अत्याधुनिक कम्प्यूटराईज्ड मशिनों द्वारा एक्युप्रेसर एवं फिजिओथेरेपी द्वारा स्वास्थ्य सुधार का भी यहां अपूर्व प्रयास चल रहा है।

इन उपचार तंत्रों का अधिर न होते हुए श्रद्धापूर्वक निर्देशों का अनुसरण कर आप यहाँ से निर्दोष रूप से स्वास्थ्य लाभ ले सकते है।

केन्द्र में उपलब्ध चिकित्सा सुविधायें :

योग, आयुर्वेद, प्राकृतिक चिकित्सा, एक्युप्रेसर एवं फिजिओथेरेपी इत्यादि अभिगमों द्वारा यहां पर निम्न लिखित स्वास्थ्य सेवायें उपलब्ध करवाई जाती है।

- निरापद वनौषधी द्वारा शमन—उपचार।

- मसाज (स्नेहन), औषधीय काढों का सेक (स्वेदन), पिरक्षेक, पोटली-पिंडस्वेदन, वमन, विरेचन्, एनिमा (बस्ती), हृदयबस्ती, कटीबस्ती, जानुबस्ती, शिरोबस्ती, शिरोधारा, शिरोभ्यंग, शिरोपिचु, नस्य, नेत्रतर्पन,
- नेत्रधावन, कर्णपुरण, कवल, गण्डुष, उद्वर्तनम् आदी संपूर्ण आयुर्वेद पंचकर्म उपचार।
- जलचिकित्सा: ठंडा गरम पानी की पट्टी, कटिस्नान रीढ़स्नान, बाष्पस्नान आदि प्राकृतिक उपचार।
- मिट्टी चिकित्सा: हर्बल मृत्तिकालेप, गोमयलेप, औषधि लेप-प्रलेप एवं सौंदर्य चिकित्सा।
- योगासन, प्राणायाम, ध्यान, मुद्रा, एवं यौगिक शुद्धिक्रिया द्वारा तन और मन की चिकित्सा।
- अत्याधुनिक कम्प्यूटराईज्ड मशीनों द्वारा एक्युप्रेसर एवं फिजिओथेरेपी सुविधा।
- पथ्या पथ्य: अर्थात् आहार विहार का नियोजन एवं मार्गदर्शन की उपलब्धता।
- परिचर्चा, संगोष्ठीयों द्वारा मनोदैहिक स्वास्थ्य शिक्षा एवं आध्यात्मिक बोध का विकास।
- दूर के मरीजों के लिए न्यूनतम दरों में सामान्य एवं वातानुकूलित आवास की सुविधा।

- मानसिक तनाव, अनिद्रा, अपस्मार, उन्माद, स्मृतिदौर्बल्य आदि मस्तिष्कतंत्र संबंधित विकृति ।
- अजिर्ण, अम्लपित्त, अतिसार, कब्ज, कृमीरोग, मोटापा, मधुप्रमेह, यकृत-प्लीहा आदि उदर संबंधित विकार ।

केन्द्र में निम्नलिखित रोगों का उपचार किया जाता है—

- नजला, जुकाम, ज्वर, श्वास, कास (दमा) आदि श्वसनतंत्र संबंधित विकृति ।
- अनियमित रक्तदाब, हृदय दौर्बल्य, हृदयवेदना, हृदयाघात आदि रक्त परिभ्रमण संबंधित विकार ।
- आमवात, कंपवात, पक्षाघात, साईटिका, स्पोन्डीलाईटीस, कमर-जोड़ों का दर्द आदि वात संबंधित विकार ।
- खुजली, एलर्जी, दाद, एक्झिमा, विचर्चिका, विस्फोट, मसूरिका, श्वेतकृष्ठ आदि त्वचा संबंधित विकार ।

- फोडा—फुन्सी, ग्रंथी (गांठे), गंडमाला, अपची, अर्बुद (कॅन्सर) आदि लसिकातंत्र संबंधित विकार ।
- मुत्रावरोध, मुत्रदाह, बहुमुत्रता, शोथ (सूजन), अश्मरी (पथरी), किडनी आदि मूत्रतंत्र संबंधित विकार ।
- फिरंग, उपदंश, स्वप्नदोष, ध्वजभंग, नपुसंकता, वंध्यत्व एवं स्त्रियों के मासिक संबंधीत रोग आदि बीमारीयों का यहां प्राकृतिक विधि से सफल उपचार किया जाता है ।

हेल्थ शॉप:

औद्योगिक संस्कृती के जहरीले प्रभावों ने कृषी, वनस्पती, विविध जैव संसाधन एवं मानवीय स्वास्थ्य का स्पष्ट उल्लंघन किया है । उस परिपेक्ष्य में विकेंद्रित एवं अहिंसक उत्पादन तंत्र को अपनाते हुए विषमुक्त एवं स्वास्थ्यवर्धक, कृषी और गृह उपयोगी उत्पादन के वितरण का यहा एक सामुहिक प्रयास किया गया है । यहां से आप चिकित्सा आनुशंगिक वस्तुये, स्वास्थ्य वर्धक, स्वास्थ्य संरक्षक जैविक खाद्यान्न एवं प्रदूषण मुक्त गृह उपयोगी उत्पाद प्राप्त कर आरोग्य लाभ के साथ साथ ग्रामीण समुह के किसान, मजदूर और परंपरागत कारीगरों के लिए रोजगार के अवसर उपलब्ध करवाकर सामाजिक स्वास्थ्य में भी योगदान दे सकते है ।

INSTITUTE OF NATURAL HEALTH SCIENCE (YOGA & NATUROPATHY)

Shri JagdishprasadJhabalmalTibrewala University, Jhujhunnu-Churu Road, Jhunjhunu-333001

YOGA & NATUROPATHY LAB

S.NO	Lab Name	EQUIPMENT	QUANTITY
1	Hydro Therapy Unit	1. Hip Bath (Circular) 2. Hip Bath (Hospital Grade) 3. Tub Bath (Fiber) 4. Jacuzzi Fiber 5. Spinal Bath (Standard) 6. Spinal Spray(Motorized) 7. Foot & Arm Bath Joint 8. Colon hydro therapy machine	2 2 2 2 2 2 2 1
2	Massage Therapy unit	1. Massage Table 2. Steam Cabinet (Fibre) 3. Shirodhara Table 4. Steamer 5. Dolphin body massager 6. I.R. Lamp	4 2 2 2 2
3	Mud Therapy Unit	1. Mud Tray Set (Abdominal & Eye)	3
4	Yoga Therapy Unit	1. Jal neti Pot (Plastic)	6

		2. Sutra/Rubber Neti	10
		3. Yoga Mat	20



SHRI JAGDISHPRASAD JHABARMAL TIBREWALA

UNIVERSITYCHUDELA JHUNJHUNU

RAJASTHAN

NURSING LAB

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Fundamental Lab

Ten beds are each equipped with one patient dummy, a pillow, a quilt, an over bed table, a bedside table, a square table, and a bed curtain. Storage area stores materials necessary for fundamental nursing techniques for tutor' demonstration needs and students' practice needs.

Laboratory lecture content

1. Hand washing methods
2. Bed making & Bed bathing
3. Sterile techniques and simple wound care
 4. Perineal washing
 5. Special mouth care
 6. Physical activities
7. 8. In-bed hair washing
9. Vital sign measuring
10. Heat and cold therapies and steam inhalation
11. Nasogastric tube caring and feeding
12. Administering medication: oral administration, intramuscular injection, subcutaneous injection, intracutaneous injection, and intravenous injection techniques



- | | |
|---|--|
| <p>13. Venous blood collection and blood glucose monitoring</p> <p>14. Large-amount and small-amount enemas</p> <p>15. Intermittent and Foley catheterization and nursing care etc.</p> | |
|---|--|

Community Health Lab

JJT College of Nursing is having a unique lab for Community Health Nursing with all the equipments for the creative work for the students. We are having all the types of AV Aids to stimulate the students for the Community Health Nursing Practice.

Uniquely Designed Community Bag for the students to practice in the Community Home care By the Community Health Nursing Department



Nutrition Lab

Nutrition lab is equipped with all the facilities for the students to assess the nutritional needs and to prepare different menus for various disease conditions. This well ventilate lab has the capacity to accommodate 80- 100 students for their interactive training in nutrition.



Anatomy Lab

Anatomy Nursing Laboratory consist five practice areas with a bed, a laboring woman dummy, a pillow, a quilt, a newborn treatment table, a newborn dummy, a baby bed, an abdominal palpation model for Leopold's maneuvers, a fetal monitor, and a bed curtain.

Storage area stores materials necessary for performing maternity nursing techniques that tutor use to demonstrate and students use for practice.



Computer Lab

Computer Lab is equipped with computers with all multimedia facilities and Broad band internet connectivity. The College of Nursing has a dedicated computer/study lab consisting of computer stations. The area is wireless with wireless printing available. A separator wall is easily accessible to divide the room in half for conferences, meetings etc. A microwave, refrigerator and sink area is also available to students.



FUNDAMENTAL NURSING – LABORATORY

A. Equipments

S. No.	Items	Quantity
1.	Patient cots- Adult	6
	-Child	2
	Bed side locker	8
	Stools/Chair	8
2. Manikins for demonstrating nursing procedures		
	Adult male	3

	Adult female	3
	Child	2
	New born	2
	CPR	1
3. {i} Trays different size		
	- 24"X16"	6
	- 14"X10"	6
	- 11"X9"	6
	- 8"X5"	6
{ii} Trays with Cover – Assorted Sizes		6

4.	{i} Bowls	
	- 16" diameter	6
	- 10" diameter	6
	- 4" diameter	12
	- 2-3" diameter	12
	{ii} Bowls with Cover	
	- 6" diameter	12
	- 4" diameter	12
5.	Enema Can	
	- 1 lt Capacity	4

	- ½ Lt. Capacity	
--	------------------	--

S. No.	Items	Quantity
6.	Kidney trays of assorted size	15
7.	Measuring Jugs-	
	- 1000 ml.	6

	- 500 ml.	6
	- 250 ml.	6
8.	Basins:	
	Assorted size basins	12
9.	Catheter dish with cover	4
10.	Knife dish with cover	6
11.	Feeding Cups	6
12.	Douche Can	6
13.	Sputum Mugs	6
14.	Bed Pans	6

15.	Urinals-Male	6
16.	Funnel	
	- 4" diameter	6
	- 2" diameter	6
17.	Jars with Covers	
	- 12"X8"	2
	- 6"X4"	2
18.	Dressing Drums	
	- 8"X4"	2
	- 12"X9"	2

19.	Tub for sitz bath	1
20.	Sauce pan with lid	
	- 1 lt Capacity	2
	- 2 lt Capacity	2
21.	Kettle	
	- 1 lt Capacity	1
	- 2 lt Capacity	1
22.	Trolleys with Upper and Lower Shelves	1
23.	Pint measure	2
24.	Galli posts	2

25.	Mugs	2
26.	Bottle brush	2

B. Instruments

S. No.	Items	Quantity
1.	Cheatele forceps	4
2.	Sponge Holding Forceps	4
3.	Artery Clamps	
	- Straight 6"	6
	- Curved 6"	4

4.	Dissecting Forceps	
	- Toothed	6
	- Non-Toothed	6
5.	Mosquito Forceps	
6.	Kockers	
7.	Scissors	
	- Surgical 8"	4
	- Bandage	4
	- Mayo's Cutting Scissors	4
8.	Tissue Forceps	

9.	Sinus Forceps	4
10.	Biopsy forceps	4
11.	Liver biopsy	4
12.	Alice Forceps	4
13.	Probe	4
14.	Groove Director with probe	4
15.	Mouth gag	4
16.	Tongue Depressor	4
17.	Tongue holding forceps	4
18.	Nasal Speculum	4

19.	Aural Speculum	4
20	Re-tractors	
	- Single Hook	2
	- Double Hook	2
21.	Bladder Sound	2
22.	Male Urethral dilator	One Set
23.	Packing Forceps	
	- Nasal	2
	- Oral	2

S. No.	Items	Quantity
24.	Ear Irrigation Syringe	3
25.	Ear Speculum	2
26.	Shaving Set	2
27.	Safety razor with blades	2
28.	Bard Parker Knife Handle	2
29.	Surgical Blades different sizes	One Set
30.	Catheters	4
31.	Airway	4
32.	Laryngoscope - Small	2

	- Big	2
33.	Proctoscope	1
34.	Infusion set	6
35.	Otoscope	1
36.	Ophthalmoscope	1
37.	Tracheostomy set with various size of tracheal tubes	One Set
38.	Head mirror	
39.	Tuning fork	
40.	Infusion set	
41.	Oxygen cylinder with stand	

42.	Oxygen mask	
-----	-------------	--

{C} Glass-Ware

S. No.	Items	Quantity
1.	Measuring Cups	
	- 240 ml.	6
	- 120 ml	6

	- 30 ml	6
2.	Undine	2
3.	Eye bath –cup	2
4.	Pipettes & Droppers	2
5.	Glass Connections	
	- Different Types e.g. Y.T.L	6 Each
6.	Wolfs Bottle	2
7.	Conical Flasks	2
8.	{i} Ounce Glass	6
	{ii} Dram Glass	6

9.	Thermometers	
	- Oral	6
	- Rectal	6
	- Bath	2
	- Room	2
	- Lotion	4
10.	Pulse meter	4
11.	Urinometer	6
12.	Lacto Meter	6
13.	Haemoglobinometer	6

14.	Specimen Glassess	6
15.	Test Tubes	2Dozen
16.	Glass Slides with Cover	2Boxes
17.	Bottles 500 ml. Capacity for lotions and mixtures	10
18.	Automizer	2
19.	Manometer	2
20.	Glucometer	2
21.	Head Mirror	1

{D} Syringes and Needles

S.No.	Items	Quantity
1.	Syringes	
	- 2 ml.	12
	- 5 ml.	12
	- 10 ml.	12
	- 20 ml.	12
2.	Tuberculin syringe	6
3.	Insulin Syringe with needle	6

4.	Needles – All Sizes	One Dozen Each
5.	Lumbar Puncture Needle	2
6.	Trochar, Canula for abdominal paracentesis	2
7.	I V Cannulas different types and sizes	12
8.	Biopsy Needle	
	- Adult	2
	- Children	2
9.	Sternal Puncture needle	2

{E} Suture Material

S.No.	Items	Quantity
1.	Needle Holder	
	- 6"-7"-8"	6 Each
2.	Suture Cutting Scissors	6
3.	Suture Needle	
	- Silks	2 Packets
	- Curved	6

4.	Suture Thread	
	- Silks	2 Packets
	- Cotton	2 Packets
5.	Catgut	
	- Silks	6 Packets
	- Cotton	6 Packets
6.	Catget tube breaker	2
7.	Suture Clip	1Packet
8.	Suture Clip appliern and remover	2

{F} Rubber Goods

S.No.	Items	Quantity
1.	Mackintosh roll	
	- Full bed length	5
	- Draw Mackintosh	5
	Extra for treatment and dressing	12
2.	Hot water bag	5
3.	Ice Caps	6

	- Ice collar	
	- Corrugated rubber sheet	
4.	Gloves different sizes	5
5.	Catheters	
	- Urinary Catheter	6
	- Folly`s Catheter	6
	- Nasal Catheter	6
	- Plaint Catheter	6
	- Rectal Catheter	6
6.	Finger Stalls different sizes	6 sets each

7.	Air Rings	6
8.	Mucus Sucker	6
9.	Breast Pump	2
10.	Nipple Shield	2
11.	Gastric Lavage Tube	2
12.	Ryle`s Tube	6
13.	Flatus Tube	6
14.	Blackmore Sange Staken tube	6
15.	Rubber Tubes with different diameter and size	
16.	Rectal Syringe with Nozzle	2

17.	Ring pressories all sizes	2 each
18.	Douche nozzle different sizes	2

(G) Miscellaneous Items

S.No.	Items	Quantity
1.	Mortar and pestle	6
2.	Nelson`s Inhaler	6
3.	Wooden Shock Blocks	2 pairs
4.	Spirit Lamp	6

5.	Test Tube Stand	6
6.	Test Tube Holder	12
7.	Sterliser Small	2
8.	Portable Autoclave	1
9.	Torch	2
10.	Nail Brush	6
11.	(i) Adult weighing Scale	2
	(ii) Baby weighing Scale	2
12.	Back Rest	2
13.	Splints different sizes	12

14.	Bandages different sizes	One dozen each
15.	Adhesive Tapes	2
16.	I.V. Stand	2
17.	Tape Measure	6
18.	Bucket with cover	6
19.	Comb	6
20.	Microscopes	2
21.	Sphygmomanometer	
	a - Regular	6
	b - Electronic	2

22.	Stethoscope	6
23.	Soap and Soap Dish	12
24.	Dust Bins	6
25.	Overbed Table (Heart Table)	2
26.	Screens/bed side curtains	2
27.	Three way adapter	
28.	Dettol	1 Bottal
29.	Phenyle	1
30.	Methylated spirit	1
31.	Benedict`s solution	1

32.	Tr. Iodine / Betadine	1
33.	Tr. Benzion	1
34.	Nitric Acid	1
35.	Acetic acid	1
36.	Sulphur powder	Half Kg.
37.	Ammonium sulphate crystals	Half Kg.
38.	Vaseline	1 jar
39.	Glycerine	1 bottle
40.	Liquid paraffin	1
41.	Potassium permanganate crystals	200 Gm.

42.	Boric solutions	1 bottle
43.	Hydrogen peroxide	1
44.	Sodium Bi carbonate powder	200 Gm.
45.	Litmus paper strips red and blue	2

(H) Linen

S.No.	Items	Quantity
1.	Mattress	
	- Adult	6
	- Child	2
2.	Mattress cover	
	- Adult	6

	- Child	2
3.	Bed Sheets	30
	- Baby cot sheets	12
4.	Draw Sheets	12
5.	Pillows – large	12
	- Small	6
6.	Pillows Cover – large	24
	- small	12
7.	Sand bags with covers	6
8.	Blankets	12

9.	Bed Spreads	12
10.	Towels	
	- Bath	12
	- Hand	12
	- Surgical	12
	- Packing	12
	- Towel clips	6

S.No.	Items	Quantity
11.	Sponge Cloth	12

12.	Hot water bag cover	12
13.	Ice Cap Covers	12
14.	Air ring/ cushion covers	6
15.	Gowns-Masks	12 each
16.	Patient's Clothes	
	- Male	12 sets
	- Female	12 sets
	- Baby dresses of different sizes	6 sets
	- Diapers different sizes	12
17.	Trolley Cover	5

18.	Dirty Linen Bag/Box	1
19.	Leggings	2 pairs
20.	Perineal Sheets	5
21.	Triangular Bandages	12
22.	Manytailed bandaged	12
23.	Eye Shields	5
24.	Dusters	24
25.	Slings	6
26.	'T' binder	2
27.	Screen Curtains	2 sets

Community health & OGD lab

A. Models

S. No.	Items	Quantity
1.	Stage of Development of Embryo	2 set each
2.	Female bony pelvis	4
3.	Foetal Skull	2
4.	Female Dummy (Zoe Model)/obstretical training manikin-	1
5.	Placenta	2
6.	Full size foetus	4
7.	New born baby	2

B. Charts

S. No.	Items	Quantity
1.	Breast Changes in Pregnancy	1
2.	Uterine changes in Pregnancy showing height of uterus	1
3.	Stages of Labour	
	- First Stage	1
	- Second Stage	1
	- Third Stage	1
4.	Breech Presentation	

	- Complete breech	1
	- Incomplete breech	1
	- Foot presentation	1
	- Shoulder presentation	1
5.	Face Presentation	1
6.	Brow Presentation	1
7.	Twin pregnancy	1
8.	Placenta praevia different stage	1
9.	Caput Succedaneum	1
10.	Congenital Malformation of New Born	

	- Cleft Lip – Palate	1
	- Spina Bifida	1
	- Hydrocephalus	1
	- Anencephalus	1

(C) Instruments

S.No.	Items	Quantity
1.	Vaginal Speculum	

	- Sims	2 different sizes
	- Cusco's	2 different sizes
2.	Cervical Dilators all sizes	One set
3.	Anterior Vaginal wall Retractor	2
4.	Uterine Vulsellum	2
5.	Sponge Holding Forcep	2
6.	Ovum Forceps	1
7.	Uterine Flushing Curette	1
8.	Uterine Sound	1

9.	Mucus Sucker	6
10.	Pelvimeter	1
11.	Foetoscope	2

S.No.	Items	Quantity
1.	Bowls medium and small	2 each
2.	Kidney tray medium, small	2 each
3.	Enema can with tubing	1
4.	Foetoscope	1

5.	Artery Forceps	2
6.	Thumb Forceps	
	Toothed – No Toothed	1 each
7.	Cord cutting blade/scissors	1
8.	Cord Ties	1
9.	Mucus Sucker	1
10.	Cotton swabs	
11.	Mackintosh	1
12.	Glove	2 pairs
13.	Mask	1

14.	Apron	1
15.	Rubber Catheters	1
16.	Spring balance color coated	1
17.	Syringe with needles 2cc – 5cc - 10cc	1 each
18.	Shaving Set	1
19.	Spirit	1
20.	Soap with dish	1
21.	Hand towels	1
	Measure tape	1
22.	Old Newspapers	

S.No.	Items	Quantity
1.	Eligible couple and child register	1
2.	Diary	2
3.	Community bags	12
4.	Tables one for four students	12
5.	Chairs	50
6.	Steriliser	1
7.	Infant weighing scale	5

8.	Salter scale	1
9.	Spring balance	1
10.	Weighing machine	2
11.	Sphygmomanometers	5
12.	Stethoscopes	5
13.	Dari/mats for health Education purpose	2
14.	A.V. Aids on different topics in the form of posters	
	- Flip charts	
	- Flash cards etc.	

S.No.	Items	Quantity
15.	Community bag , should contain following articles:	
	. The bag should have separate compartments for clean articles,	
	Urine testing kit and hand washing kit .	
	. Assessment articles:	
	- Thermometer	1
	- Tape measure	1
	- Stethoscope	1

	- Fetus scope	1
	. Hand washing articles:	
	- Soap disk with soap	1
	- Hand towel	1
	- Nail brush	1
	- Water proof bag	1
	. Urine testing kit:	
	- Test tubes	2
	- Test tube holder	1
	- Spirit lamp	1

	- Dropper	1
	- Benedicts`s solution in a bottle	1
	- Glass syringe	1
	. Dressing kit:	
	- Bag of sterilized dressing	1
	- Antiseptic in a bottle	1
	- Artery forceps	1
	- Dissecting forceps non toothed	1
	- Dissecting forceps toothed	1
	- Small bowl	1

	- Small kidney tray	1
	- Suture cutting scissors / dressing scissors	1
	. Medicines:	
	- Labeled medicines for essential treatment for minor ailment	

NUTRITION LABORATORY

S.No.	Items	Quantity
1.	Gas stoves with cylinders / pipe line tubing	6
2.	Gas lighters	6

3.	Pressure cookers of different sizes – 2 Kg.	6
	-1 Kg.	6
4.	Steel cooking vessels big, medium and small sizes	12
5.	Cutlery set	1
6.	Ladles (wooden spoons/spatulas)	12
7.	Juice squeezer	1
8.	Water reservoir	1
9.	Sauce pans with handle medium and small size	6
10.	Spoons serving spoons	6
	Tea spoons	24

	Table spoons	12
	Dessert spoons	12
	Soup spoons	12
	Rice serving spoons	4
11.	Bowls (Wati)	25
12.	Soup bowls	36
13.	Forks	36
14.	Sieve	2
15.	Tongs	6
16.	Knives	6

17.	Peeler	6
18.	Vegetable cutters	6

S.No.	Items	Quantity
19.	Vegetable cutting plate	6
20.	Water filter/Aqua quard	1
21.	Flask	2
22.	Frying pans	6
23	Tava	6
24.	Vessel holders (chimta)	6

25.	Mixer with accessories	1
26.	Glasses for drinking water (steel)	24
27.	Glasses for drinking water (glass)	24
28.	Kitchen Weighing scale	1
29.	Chapathi making plate & rolling pin	6
30.	Measuring scoops	2 sets
31.	Napkins	24
32.	Glass bowls	24
33.	Tea strainer	6
34.	Egg beater	6

35.	Toaster	2
36.	Microwava with appropriate cooking vessels	1
37.	Dinner set (12 persons)	2
38.	Tea set (12 persons)	2

ANATOMY AND PHYSIOLOGY LABORATORY

A.

S.No.	Items	Quantity
1.	Adult Human articulated Skeleton with Hanging facility in a glass	2
	Cupboard with locking facility.	

2.	Full set of dis-articulated adult human skeleton.	2

B. Models

S.No.	Items	Quantity
1.	Full size human body showing all muscles and arteries	2
2.	Human Torso	
	- Male	2
	- Female	2
3.	Skin Cross Section	2

4.	Heart and large blood Vessels	2
5.	Heart with detachable parts on a stand.	2
6.	Eye with different sections	2
7.	Ear with different sections	2
8.	Human brain with spinal cord	2
9.	Lungs and Trachea	2
10.	Larynx	2
11.	Digestive System	
	- Stomach	2
	- Small Intestine	2

	- Large Intestine	2
12.	Female Reproductive System	
	- Uterus on Stand	2
	Ovaries	
	. Macroscopic Structure	2
	. Microscopic Structure	2
13.	Male Reproductive system	2
14.	Urinary System	
	Kidney	
	. Macroscopic Structure	2

	. Microscopic Structure	2
15.	Joints and Ligaments	
	Wrist Ankle	2
	Elbow Knee	2
	Shoulder Hip	2
16.	Teeth	2

C. Charts

S.No.	Items	Quantity
1.	Skeleton system	2

2.	Muscular System:-	2
	Showing different muscles of the body	2
3.	Joint and Ligaments	2
4.	Nervous system – Brain	2
	- Spinal cord	
5.	Cardio – vascular system	2
6.	Respiratory System	2
7.	Lungs	2
8.	Trachea	2
9.	Larynx	2

10.	Digestive System	2
11.	Oral Cavity	2
12.	Teeth	2
13.	Stomach Pancreas and Spleen	2
14.	Small Intestine	2
15.	Large Intestine	2
16.	Liver and gall bladder	2
17.	Kidney Macroscopic Structure	2

S.No.	Items	Quantity
18.	Kidney Microscopic Structure	2
19.	Skin	2
20.	Eye	2
21.	Ear	2
22.	Female Reproductive System	2
23.	Menstrual Cycle	2
24.	Male Reproductive System	2
25.	Endocrine Glands	2

Charts on First Aid

26.	First Aid for Burns	1
27	Cardiac Pulmonary Resuscitation	
	- Adults	1
	- Children	1
	- Infant	1
28.	First Aid Charts for emergencies such as fracture, drowning, Wounds, poisoning, bites	1 each
29.	Bandaging	

COMPUTER LABORATORY

S · N o ·	Items	Quantity
1 ·	Computers (PC) with latest configuration and should be on local area network	10
2 ·	Server	1
3 ·	Internet facility	

4 .	Laser Printer	2
5 .	Software: Statistical package, MS Office, Windows operating system, Hospital management system, Nursing Management Information System, Online search softwares like CINHAL, MEDLAR	

A.V. AIDS LABORATORY

S.No.	Items	Quantity
1.	Xerox machine with set making machine	1
2.	Overhead Projectors	5 {one in each class room}
3.	Flannel boards in each class room + notice board	4
4.	Slide Projectors	2
5.	White Board	For each class room

6.	Chalk Board	For each class room
7.	Tape Recorder	2
8.	Television	2
9.	V.C.R. and CD Player	2
10.	Wet specimens of all organs	
11.	L.C.D.	
12.	Film projector	1
13.	Episcopes	3
14.	Mobile screen For projectors	2



SHRI JAGDISHPRASAD JHABARMAL TIBREWALA
UNIVERSITYCHUDELA JHUNJHUNU
RAJASTHAN

PHOTOGRAPHY LAB

Photography is an art, a business, a passion, a hobby and much more. The perfect photography requires the practical knowledge of the cameras, Lenses, exposer time, aperture size, effect of light, the right angle to click the photo and various other parameters. Shri JJT University has a well-equipped photography lab to provide a complete technical knowledge of the cameras and photography technique (both outdoor and indoor) along with tweaking of the picture by using an image editing software i.e. Photoshop. The art of locating or arranging the subjects for photography, photofinishing and image manipulation is also taught to the students of the Shri JJT University free of cost to develop the photography as hobby.



List of Equipments

S.No	Name	Qty.
1	Camera	2
2	Digital Light	3
3	Computer	1
4	Enlarger Machine	1
5	Camera Triport	1
6	Card Reader	1
7	Blank DVDs & CDs	10
8	SD card	1
9	Head Light	1
10	Digital Camera	1
11	Battery Charger	1
12	Chargable Battery	4
13	Album-Programmes	-



SHRI JAGDISHPRASAD JHABARMAL TIBREWALA
UNIVERSITYCHUDELA JHUNJHUNU
RAJASTHAN

MUSIC ROOM

INDEX

S.No	Particulars	Page No.
1	Introduction	1
2	Details of Instruments	1

List of Equipment

S.No	Name	Qty.
1	Organ	1
2	Dholak	1
3	Gitar	1
4	Harmonium	1
5	Tabla	1
6	Congo	1
7	Tanpura	1

Music is among the most popular of all hobbies. It relaxes our soul, body and mind. There are different way to enjoy music e.g. singing, writing, composing, listing etc. Music is the best stress buster. Music is the easier way to express our feelings when it is difficult to put these in the words. Anyone can learn to play musical instruments if he has patience, willingness and anoportunity to learn. There are learned teachers and others facilities in the music room of Shri JJT University to learn musical instruments and vocal music as hobby.





**SHRI JAGDISHPRASAD JHABARMAL TIBREWALA
UNIVERSITYCHUDELA JHUNJHUNU
RAJASTHAN**

HOMEOPATHY LAB

Department of Homeopathy

Homeopathy Labs

Materia -Medica Lab

Homeopathic medicines come in a range of strengths that are sometimes called “potencies”. The potency routinely stocked by high-street pharmacies

Homeopathic medicines have an “all or nothing” effect: the number of pills or tablets taken is not critical.



Anatomy Lab

Anatomy is the science of the structure of the body. When used without qualification, the term is applied usually to human anatomy. The word is derived indirectly from the Greek *anatome*, a term built from *ana*, meaning "up," and *tome*, meaning "a cutting" (compare the words *tome*, *microtome*, and *epitome*). From an etymological point of view, the term "dissection" (*dis-*, meaning "asunder," and *secare*, meaning "to cut") is the Latin equivalent of the Greek *anatome*.



Homeopathic Pharmacy Lab

Homoeopathic Pharmacy is the art and science of collecting, compounding, combining, preparing, preserving and standardising drugs and medicines according to the Homoeopathic principle; and also dispensing medicines or remedies according to the prescriptions of physicians, which are used in Homoeopathic practice.

Homeopathy is a system of medicine that has been used across the world for more than 200 years. It is controversial and clouded by diverse beliefs and opinions. Pharmacists, pharmacy technicians, and other health care personnel might be asked to counsel patients and other care providers about this branch of integrative or complementary and alternative medicine.



Organ of Medicine

The word 'Organon' is derived from the Greek word 'Organum', which means 'instrument of knowledge'. The treatment of patients, subject to malformations, malpositions, malnutritions, injuries, foreign bodies, traumatic and infection inflammations, new formations, is effected with medical, surgical, hygienic means, or a combination of all these in a given patient. Surgery may remove or palliate effects of anatomic excesses, defect perversions.



Physiology Lab

The term physiology originated from a Greek root Physiologikos meaning discourse on natural knowledge. The purpose of a course of physiology is to teach the functions, processes and Interrelationship of the different organs and systems of the normal body disturbance and diseases and to equip the student with normal standards of reference for use while diagnosing and treating deviation from the normal. To a Homoeopath the human organism is an integrated whole of body life and mind; and though life includes all the chemico-physical processes it transcends them. There can be no symptoms of disease without vital force which is deranged in diseased person. Physiology shall be taught from the stand point of description physical processes underlying them in health.



F Information about the Homoeopathy Lab Equipment

S. No	Item Description	Quantity	Value	Present Condition	Date of Purchases
1.	Wilder Pomatum Dilator	1	500	OK	13/11/2015
2.	Bowmen lachrymals probes	1	360	OK	13/11/2015
3.	Towel clamp	1	180	OK	13/11/2015
4.	Hartman mosquito Forceps	1	750	OK	13/11/2015
5.	Calibri forceps 1*2 Teech	1	1230	OK	13/11/2015
6.	Mc. Person corneal forceps with tying pl	1	580	OK	13/11/2015
7.	Kelman mc person angled forceps	1	920	OK	13/11/2015
8.	Mc. Phersons tying forceps	1	48	OK	13/11/2015

9.	Dressing Forceps, Serrated	1	560	OK	13/11/2015
10.	MorfieldConjunctival Forceps	1	580	OK	13/11/2015
11.	Fixation Forceps	1	820	OK	13/11/2015
12.	Beer Cilea(Eplication Firceps)	1	1275	OK	13/11/2015
13.	Arruga Capsular Forceps	1	850	OK	13/11/2015
14.	Snellean Entroption Clamp	1	900	OK	13/11/2015
15.	Chalazion Claps	1	1700	OK	13/11/2015
16.	Castrovie zocorneal scissors	1	840	OK	13/11/2015
17.	Iris Scissors	1	560	OK	13/11/2015
18.	Westcott Tenotomy Scissors	1	1050	OK	13/11/2015
19.	De Weckers iris scissors	1	700	OK	13/11/2015
20.	Strabismuss Scissors	1	1260	OK	13/11/2015
21.	EWncleation Scissors	1	750	OK	13/11/2015
22.	Berraquer needle holder	1	750	OK	13/11/2015

23.	Castroviezo micro needle holder	1	460	OK	13/11/2015
24.	Air Injuction Canula	1	480	OK	13/11/2015
25.	Healon aspirating canula	1	1230	OK	13/11/2015
26.	AC was canula	1	820	OK	13/11/2015
27.	Lacrimal Canula	1	1230	OK	13/11/2015
28.	Hydrodylasis canula	1	800	OK	13/11/2015
29.	J- Loop Canula silicon	1	1215	OK	13/11/2015
30.	Simco direct I/A Canula	1	950	OK	13/11/2015
31.	Irrigating aspirating handle	1	760	OK	13/11/2015
32.	Lens Dialer	1	500	OK	13/11/2015
33.	Superior rectus Forceps	1	3800	OK	13/11/2015
34.	Swimming Goggles	1	960	OK	13/11/2015
35.	Aural Syringe	1	600	OK	13/11/2015
36.	Jobsons Aural probes	1	2100	OK	13/11/2015
37.	Austachian catheter	1	360	OK	13/11/2015
38.	Mastoid Retractor	1	1300	OK	13/11/2015
39.	Mastoid Gouge	1	2400	OK	13/11/2015

40.	Mallet	1	800	OK	13/11/2015
41.	Mastoid Cell SeekerWith scoop	1	850	OK	13/11/2015
42.	Nasal foreign body hook	1	1020	OK	13/11/2015
43.	Nasal packing forceps	1	700	OK	13/11/2015
44.	Antral Trocer scannella	1	1200	OK	13/11/2015
45.	Antrall Burr	1	900	OK	13/11/2015
46.	Nasal Snare	1	500	OK	13/11/2015
47.	Freers septal knife	1	500	OK	13/11/2015
48.	Ballingers swiler knife	1	700	OK	13/11/2015
49.	Bayonet safed gauge	1	760	OK	13/11/2015
50.	Walesman Forceps	1	2000	OK	13/11/2015
51.	Laryngel Forceps	1	7000	OK	13/11/2015
52.	Boyle davis mouth gag	1	700	OK	13/11/2015
53.	Tongue plate with throat suction	1	480	OK	13/11/2015
54.	Tonsil holding forceps	1	820	OK	13/11/2015
55.	Tonsillar Dissector	1	760	OK	13/11/2015
56.	Guillotine	1	480	OK	13/11/2015

57.	Adenoid curtllle with cage	1	640	OK	13/11/2015
58.	Peritonsillor absess draining forceps	1	450	OK	13/11/2015
59.	Fullers Trachestomy Tube	1	1360	OK	13/11/2015
60.	Sterilissers Box	1	1560	OK	13/11/2015
61.	Cheaters Forceps	1	1700	OK	13/11/2015
62.	Ent operating microscope and lens	1	380	OK	13/11/2015
63.	X-Ray View Box	1	85000	OK	13/11/2015
64.	LE D XRAY Box	1	2100	OK	13/11/2015
65.	BP Appretus	1	2800	OK	13/11/2015
66.	STETOSCOPE	1	5400	OK	13/11/2015
67.	THERMOMETER	1	1000	OK	13/11/2015
68.	Tongue Dipressors	1	140	OK	13/11/2015
69.	Cotton Bouls	1	125	OK	13/11/2015
70.	Torch	1	300	OK	13/11/2015
71.	Measuring Tape	1	1450	OK	13/11/2015
72.	Weight and height measuring Stand	1	60	OK	13/11/2015

73.	Knee Hammers	1	6300	OK	13/11/2015
74.	BP Apartus	1	550	OK	13/11/2015
75.	Thermometer	1	5400	OK	13/11/2015
76.	Surgical Blade	1	140	OK	13/11/2015
77.	Cotton Boul	1	125	OK	13/11/2015
78.	Gauge Pices	1	600	OK	13/11/2015
79.	X-Ray Viewing Bouls	1	70	OK	13/11/2015
80.	Stethoscope	1	2100	OK	13/11/2015
81.	Chortle Forceps	1	2000	OK	13/11/2015
82.	Torch	1	950	OK	13/11/2015
83.	Tuning Forks	1	1450	OK	13/11/2015
84.	Ophthalmoscope	1	550	OK	13/11/2015
85.	Aura scope	1	7500	OK	13/11/2015
86.	X-ray Viewing Box	1	1700	OK	13/11/2015
87.	BP Apparatus	1	2100	OK	13/11/2015
88.	Ant Kit	1	5400	OK	13/11/2015
89.	Torch	1	1700	OK	13/11/2015
90.	Bulls Lamp[s	1	1450	OK	13/11/2015
91.	Weighing Machine	1	4800	OK	13/11/2015

92.	Seems Speculum	1	1300	OK	13/11/2015
93.	Thermometer	1	475	OK	13/11/2015
94.	Cusco speculum	1	560	OK	13/11/2015
95.	Autoclave 12*18	1	290	OK	13/11/2015
96.	Anaerobic apparatus	1	6500	OK	13/11/2015
97.	Conical flask 250 ml	1	6500	OK	13/11/2015
98.	Conical flask 500 ml	1	250	OK	13/11/2015
99.	Conical flask 1000 ml	1	800	OK	13/11/2015
100.	Conical flask 2000 ml	1	1750	OK	13/11/2015
101.	Flat bottom flask 250 ml	1	1950	OK	13/11/2015
102.	Flat bottom flask 500 ml	1	400	OK	13/11/2015
103.	Flat bottom flask 1000 ml	1	800	OK	13/11/2015
104.	Flat bottom flask 2000ml	1	1750	OK	13/11/2015
105.	Wash bottle glass 500 ml	1	1950	OK	13/11/2015
106.	Wash bottle glass 100 ml	1	340	OK	13/11/2015
107.	Volumetric Flask 25 ml	1	200	OK	13/11/2015
108.	Volumetric Flask 50 ml	1	300	OK	13/11/2015
109.	Volumetric Flask 100 ml	1	400	OK	13/11/2015

110.	Volumetric Flask 250 ml	1	500	OK	13/11/2015
111.	Volumetric Flask 500 ml	1	800	OK	13/11/2015
112.	Volumetric Flask 1000 ml	1	1100	OK	13/11/2015
113.	Volumetric Flask 2000 ml	1	950	OK	13/11/2015
114.	Volumetric Flask 5000 ml	1	1900	OK	13/11/2015
115.	Separating funnel 100 ml	1	1900	OK	13/11/2015
116.	Seperating funnel 250 ml	1	700	OK	13/11/2015
117.	Seperating funnel 500 ml	1	1200	OK	13/11/2015
118.	Seperating funnel 1000 ml	1	1600	OK	13/11/2015
119.	Funnel 2”	1	2200	OK	13/11/2015
120.	Funnel 3 “	1	200	OK	13/11/2015
121.	Funnel 4”	1	350	OK	13/11/2015
122.	Funnel 5 “	1	550	OK	13/11/2015

123.	Vaccume Desiccator Glass	1	5250	OK	13/11/2015
124.	Fine Biopsy Needle	1	450	OK	13/11/2015
125.	LP Needle	1	360	OK	13/11/2015
126.	Ultra Violet Tubes	1	1450	OK	13/11/2015
127.	Weste gen's pipette for ESR	1	625	OK	13/11/2015
128.	Haematocrit Tube	1	500	OK	13/11/2015
129.	Shali's hemoglobinometer	1	11250	OK	13/11/2015
130.	Haemocyometer complete	1	13750	OK	13/11/2015
131.	Sphygmomanometer mercury	1	13500	OK	13/11/2015
132.	Stethoscopes	1	4000	OK	13/11/2015
133.	Clinical thermometer	1	1120	OK	13/11/2015
134.	Knee Hammer	1	2200	OK	13/11/2015
135.	Tunrong forks	1	1650	OK	13/11/2015
136.	Centntuge with speed control dr model	1	2400	OK	13/11/2015

137.	Colorimeter	1	7000	OK	13/11/2015
138.	PH meter ELECTRIC	1	5800	OK	13/11/2015
139.	PH comparator with disc	1	25800	OK	13/11/2015
140.	Newton's colour wheel disk	1	450	OK	13/11/2015
141.	Spirometer	1	600	OK	13/11/2015
142.	Tonometer	1	8000	OK	13/11/2015
143.	Hydrometer	1	450	OK	13/11/2015
144.	Viscometer	1	350	OK	13/11/2015
145.	Osmometer	1	2900	OK	13/11/2015
146.	Stalagmometer	1	420	OK	13/11/2015
147.	Stenlizer	1	2550	OK	13/11/2015
148.	Hg plate	1	1950	OK	13/11/2015
149.	Simtula with woden handle	1	1200	OK	13/11/2015
150.	Measunng equipments different size	1	360	OK	13/11/2015
151.	Balance (dig 5 mg)	1	6000	OK	13/11/2015
152.	PHYSICAL balance	1	1900	OK	13/11/2015

153.	Chemical balance	1	2500	OK	13/11/2015
154.	Assorted nos and size	1	4300	OK	13/11/2015
155.	Wet grinder	1	14500	OK	13/11/2015
156.	Pyrometer	1	1800	OK	13/11/2015
157.	Distillation apparatus glass 5 lter	1	9500	OK	13/11/2015
158.	Enamel trays	1	1900	OK	13/11/2015
159.	Spirit lamp	1	420	OK	13/11/2015
160.	Filed magnifier	1	250	OK	13/11/2015
161.	Compound microscope	1	60000	OK	13/11/2015
162.	Dissecting microscope	1	4500	OK	13/11/2015
163.	Electric balance	1	2400	OK	13/11/2015
164.	Dissection box	1	2900	OK	13/11/2015
165.	Enamel trays	1	1900	OK	13/11/2015
166.	Chemical kit below given details	1	12000	OK	13/11/2015
167.	Chloroform	1	12000	OK	13/11/2015
168.	Hcl	1	0	OK	13/11/2015
169.	Sulfuric acid	1	0	OK	13/11/2015

170.	Sodium potassium	1	0	OK	13/11/2015
171.	Benedict solution	1	0	OK	13/11/2015
172.	Sodium nitrate	1	0	OK	13/11/2015
173.	Potassium nitrate	1	0	OK	13/11/2015
174.	Clinic acid	1	0	OK	13/11/2015
175.	Iodine	1	0	OK	13/11/2015
176.	Xylene	1	0	OK	13/11/2015
177.	Pot. iodide	1	0	OK	13/11/2015
178.	X-ray view box single tube	1	2100	OK	13/11/2015
179.	Stelne discopable lancer	1	750	OK	13/11/2015
180.	Sahli square tube	1	700	OK	13/11/2015
181.	Hb pipette	1	1250	OK	13/11/2015
182.	Dropper glass	1	175	OK	13/11/2015
183.	Glass rod	1	252	OK	13/11/2015
184.	Wbc pipette	1	2400	OK	13/11/2015
185.	Improved neubauer chamber complete	1	8250	OK	13/11/2015
186.	Cover slip	1	950	OK	13/11/2015

187.	Red cell pipette	1	2300	OK	13/11/2015
188.	Cleaned slides	1	450	OK	13/11/2015
189.	Incubator 14*14	1	11000	OK	13/11/2015
190.	Wintrobe tube	1	1520	OK	13/11/2015
191.	Pasteur pipette	1	100	OK	13/11/2015
192.	Centrifuge pipette	1	4500	OK	13/11/2015
193.	Westergrens pipette	1	700	OK	13/11/2015
194.	Rubber teat	1	100	OK	13/11/2015
195.	Westergrens's stand	1	2400	OK	13/11/2015
196.	Litmus paper	1	250	OK	13/11/2015
197.	Ph indicator paper	1	450	OK	13/11/2015
198.	Urinometer	1	150	OK	13/11/2015
199.	Multi stix	1	720	OK	13/11/2015
200.	Bunsen burner	1	1200	OK	13/11/2015
201.	Test tube	1	900	OK	13/11/2015
202.	Test tube holder	1	324	OK	13/11/2015
203.	Filter paper	1	400	OK	13/11/2015
204.	Gas jars with lid	1	1320	OK	13/11/2015
205.	Glass jars with lid	1	1900	OK	13/11/2015

206.	Magnifying lens	1	400	OK	13/11/2015
207.	Separating funnels of various sizes 100m	1	900	OK	13/11/2015
208.	Separating funnels 250 MLS	1	1250	OK	13/11/2015
209.	Stop watch	1	700	OK	13/11/2015
210.	Monocular microscope with oil	1	30000	OK	13/11/2015
211.	Capillary tubes	1	150	OK	13/11/2015
212.	Sterile vessels	1	350	OK	13/11/2015
213.	Bp apparatus	1	13500	OK	13/11/2015
214.	Stethoscope	1	4000	OK	13/11/2015
215.	Thermometer	1	560	OK	13/11/2015
216.	Tongue depressor	1	175	OK	13/11/2015
217.	Torch	1	1450	OK	13/11/2015
218.	Knee hamper	1	1200	OK	13/11/2015
219.	Measuring tape	1	50	OK	13/11/2015
220.	ENT examination set	1	2600	OK	13/11/2015
221.	Reflectors	1	450	OK	13/11/2015

222.	Weighing machine	1	1500	OK	13/11/2015
223.	Tuning forks	1	550	OK	13/11/2015
224.	Nasal speculum	1	195	OK	13/11/2015
225.	Laryngoscope 3 baled	1	3800	OK	13/11/2015
226.	Chatters rubber	1	40	OK	13/11/2015
227.	Probes	1	225	OK	13/11/2015
228.	Disposable gloves	1	290	OK	13/11/2015
229.	Physical balance	1	380	OK	13/11/2015
230.	Synnge needls	1	1900	OK	13/11/2015
231.	Shadow less lamp portable Flore model	1	4500	OK	13/11/2015
232.	Radint warner	1	35000	OK	13/11/2015
233.	Photo therapy unit	1	21500	OK	13/11/2015
234.	Weighing machine	1	1900	OK	13/11/2015
235.	Infantometer	1	1900	OK	13/11/2015
236.	Vacuum extractor silicon	1	1900	OK	13/11/2015
237.	Foetal Doppler digital	1	5500	OK	13/11/2015
238.	Low cavity forceps	1	19001900	OK	13/11/2015
239.	Sterilizer steel 12*6*4	1	440	OK	13/11/2015

240.	Machintosh rubber sheet	1	390	OK	13/11/2015
241.	Catguts	1	360	OK	13/11/2015
242.	Speculum	1	2800	OK	13/11/2015
243.	Instruments for labor and episiotomy	1	840	OK	13/11/2015
244.	Baby tray	1	285	OK	13/11/2015
245.	Draw sheet	1	135	OK	13/11/2015
246.	Plastic aprons	1	1050	OK	13/11/2015
247.	HIV kit for emergency	1	580	OK	13/11/2015
248.	Gloves 50 PAIR	1	2900	OK	13/11/2015
249.	Nebulizer	1	450	OK	13/11/2015
250.	Foetoscope	1	1800	OK	13/11/2015
251.	Drums	1	3200	OK	13/11/2015
252.	Pules oxymeter	1	49000	OK	13/11/2015
253.	Boyle cautery	1	27500	OK	13/11/2015
254.	HIV kit – tridot	1	1900	OK	13/11/2015
255.	CT and BT KIT	1	1900	OK	13/11/2015
256.	Cell counter	1	1700	OK	13/11/2015
257.	Blood sugar kit	1	1500	OK	13/11/2015

258.	MTP suction machine	1	4800	OK	13/11/2015
259.	Blunt and sharp curretes	1	130	OK	13/11/2015
260.	Dilator set	1	700	OK	13/11/2015
261.	Sims speculum	1	360	OK	13/11/2015
262.	Uterior vaginal well retractor	1	580	OK	13/11/2015
263.	Cysco's speculum	1	380	OK	13/11/2015
264.	Ultrane sound	1	134	OK	13/11/2015
265.	Volsellum	1	380	OK	13/11/2015
266.	MTP suction curate	1	380	OK	13/11/2015
267.	Needles	1	140	OK	13/11/2015
268.	Sponge holding forcep's	1	380	OK	13/11/2015
269.	Towels clips	1	1140	OK	13/11/2015
270.	Retractors abdominal	1	70	OK	13/11/2015
271.	Green armytage forceps	1	580	OK	13/11/2015
272.	Uterus holding forceps	1	700	OK	13/11/2015
273.	Kocher forceps	1	1900	OK	13/11/2015
274.	Aretery forceps	1	190	OK	13/11/2015
275.	Scissors different size set	1	650	OK	13/11/2015

276.	Forceps obstetrics	1	490	OK	13/11/2015
277.	Tongue depressor	1	1900	OK	13/11/2015
278.	Endotrachial tubes	1	70	OK	13/11/2015
279.	B.P. apparatus	1	580	OK	13/11/2015
280.	Cord cutting appliances	1	10800	OK	13/11/2015
281.	Speculum	1	250	OK	13/11/2015
282.	Bladder sound	1	240	OK	13/11/2015
283.	Needle holding forceps	1	950	OK	13/11/2015
284.	Aprons	1	1250	OK	13/11/2015
285.	Dressing drums	1	4750	OK	13/11/2015
286.	Drum stand	1	3700	OK	13/11/2015
287.	Iv stand	1	4700	OK	13/11/2015
288.	x-ray view box	1	2100	OK	13/11/2015
289.	Surgeon's gown	1	1250	OK	13/11/2015
290.	Mask and caps	1	1000	OK	13/11/2015
291.	Gauze	1	600	OK	13/11/2015
292.	Glove pkt	1	1750	OK	13/11/2015
293.	Cheeties forceps	1	760	OK	13/11/2015
294.	Towel clips	1	140	OK	13/11/2015

295.	Mosquito forceps	1	280	OK	13/11/2015
296.	Scissors straight (tailor) 8"	1	760	OK	13/11/2015
297.	Scissors curved of different sizes 2PC	1	760	OK	13/11/2015
298.	Stich removal scissors	1	380	OK	13/11/2015
299.	Dissection forceps	1	100	OK	13/11/2015
300.	Sinus forceps	1	760	OK	13/11/2015
301.	Probes	1	140	OK	13/11/2015
302.	Pointed scissors 6"	1	380	OK	13/11/2015
303.	Abdominal retractors	1	2200	OK	13/11/2015
304.	Tissue forceps	1	680	OK	13/11/2015
305.	Bob kock's forceps	1	500	OK	13/11/2015
306.	Kocher's forceps	1	440	OK	13/11/2015
307.	Urethral dilators SET OF 8	1	1400	OK	13/11/2015
308.	Rubber catheters of assorted size	1	28	OK	13/11/2015
309.	Metal catheters	1	600	OK	13/11/2015
310.	Corrugated rubber drain	1	100	OK	13/11/2015

311.	Suturing needle (straight/curved) of ass	1	100	OK	13/11/2015
312.	Surgical thread	1	60	OK	13/11/2015
313.	Sponge holding forceps	1	760	OK	13/11/2015
314.	Right angle cholecystectomy forceps	1	760	OK	13/11/2015
315.	Stone holding forceps	1	760	OK	13/11/2015
316.	Proctoscope without illuminator	1	880	OK	13/11/2015
317.	Allies forceps small	1	356	OK	13/11/2015
318.	Allies forceps big	1	500	OK	13/11/2015
319.	Artery forceps small	1	356	OK	13/11/2015
320.	Artery forceps big	1	500	OK	13/11/2015
321.	Artery forceps medium	1	440	OK	13/11/2015
322.	Barron pile's gun	1	4800	OK	13/11/2015
323.	Laryngoscope pediatric	1	3000	OK	13/11/2015
324.	Multiparameter monitor	1	32000	OK	13/11/2015
325.	Ambu bag	1	500	OK	13/11/2015
326.	Sili con ambu bag	1	3400	OK	13/11/2015

327.	Suction machine electrical	1	13000	OK	13/11/2015
328.	Fire extinguisher a c	1	12600	OK	13/11/2015
329.	Surgical blades of different size pkt 10	1	1000	OK	13/11/2015
330.	Bp handle of difference size	1	125	OK	13/11/2015
331.	Self retaining retractor	1	5700	OK	13/11/2015
332.	Bone drill machine	1	9500	OK	13/11/2015
333.	Fumigator	1	15000	OK	13/11/2015
334.	Instrument trolley	1	7000	OK	13/11/2015
335.	Endotracheal tube	1	200	OK	13/11/2015
336.	Amnu bag	1	750	OK	13/11/2015
337.	Proctoscope without illumination	1	870	OK	13/11/2015
338.	Revolbing stool	1	1500	OK	13/11/2015
339.	Mosquito forceps	1	340	OK	13/11/2015
340.	Piles holding forceps	1	3600	OK	13/11/2015
341.	Needle holder	1	392	OK	13/11/2015
342.	Bp apparatus mercury	1	6750	OK	13/11/2015

343.	Suction machine phelgum	1	5500	OK	13/11/2015
344.	Mini halogen light(table mounting)	1	4500	OK	13/11/2015
345.	Sterilizing box/case with matts	1	3680	OK	13/11/2015
346.	Lens insertion forceps	1	980	OK	13/11/2015
347.	Keratome	1	208	OK	13/11/2015
348.	Barraquer wire speculum	1	920	OK	13/11/2015
349.	Desmarres lid retractors	1	840	OK	13/11/2015
350.	Cat-paw lacrimal retractor	1	560	OK	13/11/2015
351.	Mueller lacrimal sac retractor	1	2100	OK	13/11/2015
352.	Dastoor iris retractor	1	560	OK	13/11/2015
353.	Castro Viejo caliper	1	1500	OK	13/11/2015
354.	Meyrhoefer chalazion currete	1	560	OK	13/11/2015
355.	Sinsky lens manipulating hook	1	520	OK	13/11/2015

356.	Iol manipulator	1	520	OK	13/11/2015
357.	Foreign body spude	1	760	OK	13/11/2015
358.	Lewis lens loop(vectis)	1	760	OK	13/11/2015
359.	Cystotome and spool	1	700	OK	13/11/2015
360.	Mule evisceration spoon	1	1050	OK	13/11/2015
361.	Wells enucleation spoon	1	680	OK	13/11/2015
362.	Iris repository(double-ended)	1	2700	OK	13/11/2015
363.	Tooks corneal knife	1	1800	OK	13/11/2015
364.	Graefe sprabismus hook	1	700	OK	13/11/2015
365.	Jameson muscle hook	1	2100	OK	13/11/2015
366.	Smith lens expressor	1	700	OK	13/11/2015
367.	Wills cautery with copper ball-point	1	680	OK	13/11/2015
368.	Barraquer blade braker and holder	1	1020	OK	13/11/2015
369.	Langs lacrimal sac dissector	1	1230	OK	13/11/2015
370.	Kelly glaucoma punch	1	2100	OK	13/11/2015
371.	West lacrimal chisel	1	2100	OK	13/11/2015

372.	Elevator (double ended)	1	560	OK	13/11/2015
373.	Mallet	1	750	OK	13/11/2015
374.	Nasal speculum adult/child	1	3060	OK	13/11/2015
375.	Microtome	1	14950	OK	13/11/2015
376.	Flat cutting microtome	1	16000	OK	13/11/2015
377.	Automatic tissue processor	1	80000	OK	13/11/2015
378.	Stage micrometer	1	20	OK	13/11/2015
379.	Ocular micrometer	1	120	OK	13/11/2015
380.	Deostration eye piece	1	210	OK	13/11/2015
381.	Stopwatch dig	1	210	OK	13/11/2015
382.	Ph meter table model	1	2900	OK	13/11/2015
383.	Microscopes with oil immercion	1	75000	OK	13/11/2015
384.	Barometer	1	450	OK	13/11/2015
385.	Lactometer	1	15	OK	13/11/2015
386.	Hydrometer	1	45	OK	13/11/2015
387.	Hydrometer wet and dry bulb	1	85	OK	13/11/2015

388.	Filter pasteum chamberland complete glas	1	1800	OK	13/11/2015
389.	Charts	1	2200	OK	13/11/2015
390.	Weighting machine dial type human	1	650	OK	13/11/2015
391.	Equipment for measuring height	1	500	OK	13/11/2015
392.	Vernier calipers	1	80	OK	13/11/2015
393.	Weapons (forencis model)	1	44000	OK	13/11/2015
394.	Specimen human	1	3900	OK	13/11/2015
395.	Charts	1	2200	OK	13/11/2015
396.	Dispensing blance	1	10000	OK	13/11/2015
397.	Pill tiles	1	2000	OK	13/11/2015
398.	Suppository mould	1	8750	OK	13/11/2015
399.	Porcelain dishes 3"	1	300	OK	13/11/2015
400.	Crucibles with tongs	1	425	OK	13/11/2015
401.	Pestles and mortars (porcelain)	1	1200	OK	13/11/2015

402.	Measuring glass 100ml	1	480	OK	13/11/2015
403.	Measuring glass 250ml	1	720	OK	13/11/2015
404.	Measuring glass 500ml	1	1260	OK	13/11/2015
405.	Water bath, metal/electric 6 hole	1	70000	OK	13/11/2015
406.	Infusion pot(inhaller)	1	2520	OK	13/11/2015
407.	Chemicals 1 kit	1	14000	OK	13/11/2015
408.	Glass road	1	125	OK	13/11/2015
409.	Funnel glass	1	290	OK	13/11/2015
410.	Filter paper	1	400	OK	13/11/2015
411.	Reasrch microscope (binocular)	1	11000	OK	13/11/2015
412.	Glass apparatus for filtration (vacuum)	1	4800	OK	13/11/2015
413.	Thin layer chromatography apparatus	1	3200	OK	13/11/2015
414.	Ph meter table model	1	2900	OK	13/11/2015
415.	Stop watch dig	1	70	OK	13/11/2015
416.	Desicator glass	1	850	OK	13/11/2015

417.	Hydrometer	1	225	OK	13/11/2015
418.	Alcoholometer (1000-2000)	1	200	OK	13/11/2015
419.	Lactometer	1	75	OK	13/11/2015
420.	u.y. cabinet	1	3400	OK	13/11/2015
421.	Water still (distilled water plant glass)	1	550	OK	13/11/2015
422.	Conical percolater	1	1900	OK	13/11/2015
423.	Aerator	1	2000	OK	13/11/2015
424.	Botanical slides	1	1000	OK	13/11/2015
425.	Over hed projector	1	3800	OK	13/11/2015
426.	Epidiascope	1	12400	OK	13/11/2015
427.	Kymograph	1	5590	OK	13/11/2015
428.	Kymograph assecerory	1	2000	OK	13/11/2015
429.	Micropipette autoclavable	1	1690	OK	13/11/2015
430.	Perfusion canulla frog heart	1	300	OK	13/11/2015
431.	Perfusion funnel for frog heart 1''	1	550	OK	13/11/2015

432.	Electric maker	1	1450	OK	13/11/2015
433.	Elecytric time maker 100sec	1	1950	OK	13/11/2015
434.	Tunning fork	1	775	OK	13/11/2015
435.	X bock, buretteuprights wiclamp, brass p	1	2000	OK	13/11/2015
436.	Varnishing tray outfit for long and shor	1	3560	OK	13/11/2015
437.	Long paper extension for kymograph	1	440	OK	13/11/2015
438.	Fume cup board (fume hood)	1	32900	OK	13/11/2015
439.	Oncometer lever/ myograph lever	1	980	OK	13/11/2015
440.	Organ bath	1	12000	OK	13/11/2015
441.	Spirometer	1	7980	OK	13/11/2015
442.	Animal weighing machine small	1	650	OK	13/11/2015
443.	Animal weighing machine big	1	1050	OK	13/11/2015

444.	Merey's tabbeur	1	6400	OK	13/11/2015
445.	Venus arterial cannula	1	960	OK	13/11/2015
446.	Anthesia box	1	2400	OK	13/11/2015
447.	Clamp burret	1	40	OK	13/11/2015
448.	Volume recorder	1	780	OK	13/11/2015
449.	Sterling heart lever app.	1	170	OK	13/11/2015
450.	Brain model imported	1	2000	OK	13/11/2015
451.	Eye model	1	2400	OK	13/11/2015
452.	Ear model	1	2800	OK	13/11/2015
453.	heart	1	2400	OK	13/11/2015
454.	Kidney	1	2400	OK	13/11/2015
455.	Lungs with heart	1	6200	OK	13/11/2015
456.	Stomach	1	2200	OK	13/11/2015
457.	Pelvis model male	1	6950	OK	13/11/2015
458.	Pelvis model female	1	6950	OK	13/11/2015
459.	Skin model	1	2250	OK	13/11/2015
460.	Female reproductive model	1	2400	OK	13/11/2015
461.	male reproductive model	1	2400	OK	13/11/2015

462.	Delivery set Indian	1	1800	OK	13/11/2015
463.	Human joints	1	7800	OK	13/11/2015
464.	Human skull imported	1	2000	OK	13/11/2015
465.	Gall bladder Indian/ liver	1	900	OK	13/11/2015
466.	Digestive system indian	1	850	OK	13/11/2015
467.	Nervous system indian	1	850	OK	13/11/2015
468.	Circulatory system	1	850	OK	13/11/2015
469.	Respiratory model Indian	1	850	OK	13/11/2015
470.	Dental teeth model	1	2400	OK	13/11/2015
471.	New born baby	1	3000	OK	13/11/2015
472.	Injection arm	1	7200	OK	13/11/2015
473.	Pumping heart	1	1600	OK	13/11/2015
474.	Fetal skull	1	1500	OK	13/11/2015
475.	Lurnyx	1	1500	OK	13/11/2015
476.	Human skeleton articulated colored	1	4000	OK	13/11/2015
477.	Human skeleton disarticulated	1	15200	OK	13/11/2015
478.	Herpes simple virus	1	7450	OK	13/11/2015

479.	Hepatitis B virus	1	7450	OK	13/11/2015
480.	Polio virus	1	7450	OK	13/11/2015
481.	Pedretic human skeleton	1	3950	OK	13/11/2015
482.	Homeopathy digital photographs	1	12750	OK	13/11/2015
483.	Scientist portrait	1	4250	OK	13/11/2015
484.	Drugs chart	1	25600	OK	13/11/2015
485.	Homeopathy digital charts	1	11050	OK	13/11/2015
486.	Artery model	1	5800	OK	13/11/2015
487.	Excretory system	1	2950	OK	13/11/2015
488.	Dissection set complete (postmortem set)	1	1600	OK	13-11-2015
489.	Saw for sectioning body & limbs (saw s)	1	200	OK	13-11-2015
490.	Mathine for section bone & brain	1	85000	OK	13-11-2015
491.	Over head projector	1	3800	OK	13-11-2015
492.	Slide projector	1	1800	OK	13-11-2015
493.	Rubber gloves	1	290	OK	13-11-2015

	(disposable pkt)				
494.	Rubber teat 5no	1	120	OK	13-11-2015
495.	Razor hone & strap	1	990	OK	13-11-2015
496.	Plastic scane	1	125	OK	13-11-2015
497.	x-ray view box single tube	1	2550	OK	13-11-2015
498.	Model human diff	1	1500	OK	13-11-2015
499.	Charts human lam.	1	2200	OK	13-11-2015
500.	Slide human	1	120	OK	13-11-2015
501.	Reasech microscope trinocular	1	8500	OK	13-11-2015
502.	Demonstration eye piece	1	1100	OK	13-11-2015
503.	Dissection microscope	1	1300	OK	13-11-2015
504.	Ocular micrometer	1	1180	OK	13-11-2015
505.	Stage micrometer	1	210	OK	13-11-2015
506.	Microscope plane side	1	210	OK	13-11-2015
507.	Cover slip pkd	1	225	OK	13-11-2015
508.	Slide cabinet 1000 slide	1	1100	OK	13-11-2015
509.	Microscope lamp	1	4500	OK	13-11-2015

510.	Staining rack with bottle cupling jar	1	220	OK	13-11-2015
511.	Incubator 14*14thermostatic	1	600	OK	13-11-2015
512.	Paraffin embedding bath	1	5500	OK	13-11-2015
513.	Microtone	1	4000	OK	13-11-2015
514.	L block	1	14500	OK	13-11-2015
515.	Hot plate	1	2400	OK	13-11-2015
516.	Oven 12*12 thermostatic	1	1300	OK	13-11-2015
517.	Balade analytical	1	3600	OK	13-11-2015
518.	Paraffin block	1	1200	OK	13-11-2015
519.	Distillation water s.s 2ltr	1	200	OK	13-11-2015
520.	Microscope face contrast	1	1000	OK	13-11-2015
521.	Microscope polarizing	1	3200	OK	13-11-2015
522.	Camera lucida	1	28000	OK	13-11-2015
523.	Microtome sledge large section cutting	1	12500	OK	13-11-2015
524.	Microtome carbon dioxide freezing	1	390	OK	13-11-2015
525.	Microscope with	1	75900	OK	13-11-2015

	mechanical stage				
526.	Trolley table	1	14500	OK	13-11-2015
527.	Stereo microscope	1	3000	OK	13-11-2015
528.	Co2 cylonder	1	7000	OK	13-11-2015
529.	Paraffin bath	1	9800	OK	13-11-2015
530.	Motury cooler 2 body	1	5500	OK	13-11-2015
531.	Medical microscope	1	4800	OK	13-11-2015
532.	Monopan balance	1	110000	OK	13-11-2015
533.	Autoclave 12*12	1	75000	OK	13-11-2015
534.	Semi micro balance dig 5 kg	1	900	OK	13-11-2015
535.	Analycal balance0.001gm	1	3600	OK	13-11-2015
536.	Single pan balance 0.001gm	1	1400	OK	13-11-2015
537.	Soxhlet glass 250ml	1	14500	OK	13-11-2015
538.	Filter pump glass	1	10500	OK	13-11-2015
539.	Filter pump metal	1	1350	OK	13-11-2015
540.	Water bath 8 hole	1	240	OK	13-11-2015

541.	Centrifuge rotafix	1	1170	OK	13-11-2015
542.	Chemical balance	1	76000	OK	13-11-2015
543.	Urinometer	1	4800	OK	13-11-2015
544.	Albuminometers	1	1200	OK	13-11-2015
545.	Glucometer	1	420	OK	13-11-2015
546.	Theromometer	1	80	OK	13-11-2015
547.	Theromometer	1	4500	OK	13-11-2015
548.	Quick fit set (glass)	1	9500	OK	13-11-2015
549.	Theromometer	1	290	OK	13-11-2015
550.	Theromometer	1	300	OK	13-11-2015
551.	Quick fit set (glass)	1	2500	OK	13-11-2015
552.	Pocket spectroscope	1	2800	OK	13-11-2015
553.	Blood urea estimation	1	60	OK	13-11-2015
554.	Water bath 6 hole	1	70	OK	13-11-2015
555.	Stomach rial tube	1	5500	OK	13-11-2015
556.	Rubber catheter	1	3200	OK	13-11-2015
557.	Incubator 14*14*14(electric)	1	5500	OK	13-11-2015
558.	Magnetic stirrer with hot	1	1390	OK	13-11-2015

	plate				
559.	Cork borer	1	160	OK	13-11-2015
560.	Stop watch digital	1	70	OK	13-11-2015
561.	All glass distillation app	1	9500	OK	13-11-2015
562.	Water distillation app s.s.	1	3100	OK	13-11-2015
563.		1		OK	
564.	Centrifuge machine dr model	1	2800	OK	13-11-2015
565.	Ph meter table model	1	240	OK	13-11-2015
566.	Pipette glass 250ml	1	340	OK	13-11-2015
567.	Burtta 50ml	1	8400	OK	13-11-2015
568.	Wire guage	1	216	OK	13-11-2015
569.	Hot plate	1	1100	OK	13-11-2015
570.	Syringe	1	25	OK	13-11-2015
571.	Burner	1	1200	OK	13-11-2015
572.	Rubber tubing	1	290	OK	13-11-2015
573.	Iron stand	1	1600	OK	13-11-2015
574.	Kjeldahl app complete	1	2950	OK	13-11-2015

	with burner				
575.	Microkjeldahl app (glass)	1	13500	OK	13-11-2015
576.	Solution mixer	1	3950	OK	13-11-2015
577.	Boiling point (glass)	1	2400	OK	13-11-2015
578.	Van slyke glass	1	1800	OK	13-11-2015
579.	Van slyke ammonia glass	1	1800	OK	13-11-2015
580.	Vaccum pump	1	4500	OK	13-11-2015
581.	Tlc kit	1	3990	OK	13-11-2015
582.	Centrifuge machine	1	1200	OK	13-11-2015
583.	Uv lamp /tube	1	1200	OK	13-11-2015
584.	Stethoscope	1	800	OK	13-11-2015
585.	Desicator large	1	3600	OK	13-11-2015
586.	Small desicator	1	1800	OK	13-11-2015
587.	Lactophorsis vertical	1	6900	OK	13-11-2015
588.	Lactophorsis horizontal	1	6900	OK	13-11-2015
589.	Binocular microscope	1	5500	OK	13-11-2015
590.	Muffle furnace	1	6500	OK	13-11-2015
591.	Vortex shaker	1	2500	OK	13-11-2015
592.	Flame photometer	1	18500	OK	13-11-2015

593.	Camera for photography (for microscope)	1	8000	OK	13-11-2015
594.	Dissecting microscope	1	490	OK	13-11-2015
595.	Dissection instrument set	1	180	OK	13-11-2015
596.	Surgical instrument for experimental pa	1	1450	OK	13-11-2015
597.	Microphotography app	1	11900	OK	13-11-2015
598.	Sternal puncture needle adult	1	90	OK	13-11-2015
599.	Centrifuge one high power for serologica	1	9000	OK	13-11-2015
600.	e.s.r wertem	1	240	OK	13-11-2015
601.	Egg incubator	1	19500	OK	13-11-2015
602.	Chemical balance	1	1450	OK	13-11-2015
603.	Colony counter digital	1	1950	OK	13-11-2015
604.	Stethoscope	1	2900	OK	13-11-2015
605.	Desicator large	1	12900	OK	13-11-2015
606.	Small desicator	1	8500	OK	13-11-2015
607.	Lactophorsis vertical	1	8500	OK	13-11-2015
608.	Lactophorsis horizontal	1	3800	OK	13-11-2015

609.	Glass wool	1	150	OK	13-11-2015
610.	Rotary microtome	1	14950	OK	13-11-2015
611.	Hot plate	1	1050	OK	13-11-2015
612.	Hot air oven 12*12 theromstatic	1	3400	OK	13-11-2015
613.	Paraffin embedding bath	1	7000	OK	13-11-2015
614.	Electric paraffin embedding bath	1	3500	OK	13-11-2015
615.	Vaccum pump	1	4500	OK	13-11-2015
616.	Autoclave 12*12	1	3800	OK	13-11-2015
617.	L block	1	2990	OK	13-11-2015
618.	Hot plate	1	1400	OK	13-11-2015
619.	Oven 12*12 thermostatic	1	180	OK	13-11-2015
620.	Balade analytical	1	1200	OK	13-11-2015
621.	Paraffin block	1	3200	OK	13-11-2015
622.	Distillation water s.s 2ltr	1	2800	OK	13-11-2015
623.	Microscope face contrast	1	120	OK	13-11-2015
624.	Microscope polarizing	1	600	OK	13-11-2015
625.	Camera lucida	1	780	OK	13-11-2015

626.	Microtome sledge large section cutting	1	35	OK	13-11-2015
627.	Water bath electric 6 hole	1	2800	OK	13-11-2015
628.	Eye piece	1	190	OK	13-11-2015
629.	Magnifier lens	1	75	OK	13-11-2015
630.	Glassware stains	1	12000	OK	13-11-2015
631.	Chemicals kit	1	14000	OK	13-11-2015
632.	Face contrast microscope	1	39500	OK	13-11-2015
633.	Slide projector	1	1600	OK	13-11-2015
634.	Over head projector	1	3800	OK	13-11-2015
635.	Incubator 14*14 thermostatic	1	4500	OK	13-11-2015
636.	Haemoglobinometer	1	13750	OK	13-11-2015
637.	Petri dish glass	1	11250	OK	13-11-2015
638.	Centrifugal tube	1	1375	OK	13-11-2015
639.	Syringe glass 10ml	1	350	OK	13-11-2015
640.	Syringe glass 20ml	1	300	OK	13-11-2015
641.	Urine glass 100 ml	1	960	OK	13-11-2015



SHRI JAGDISHPRASAD JHABARMAL TIBREWALA
UNIVERSITYCHUDELA JHUNJHUNU
RAJASTHAN

AYURVEDIC

LAB

Department of Ayurvedic

Ayurvedic Labs

Samhita & Siddhanta Lab

This is the first and the most important Department of Ayurveda, Also known as Basic principles. This department is concerned with basic principles of Ayurveda which are described in classical texts i.e. Ayurved samhitas. Samhitas are in Sanskrit language which is a divine language, hence to understand the samhita in their true meanings Sanskrit is also taught by this department along with samhitas (classical texts) in detail.



Rachana Sharir Lab

This is the basic subject in the curriculum of BAMS by which we can identify and gain knowledge of Human body parts using dissection methods and become an open-minded researcher and an able clinician. Being the foundation subject, all the basic principles of Ayurveda are encompassed within Rachana-Sharir.

Every student of 1st BAMS & the MD scholar of Rachana Sharir discipline has to perform complete Dissection of Cadaver in a systematic manner during his part of curriculum.

Rachana Sharir is an extremely dynamic and interesting subject to an inquisitive Practitioner and Researcher of Ayurveda. All the medical sciences require more or less basic knowledge of Rachana Sharir. Hence the study is indeed the most important of basic sciences of the life.



Kriya Sharir Lab

Kriya sharir is the basic subject of Ayurveda, which initiates learning of Ayurveda at primary level for the students of first BAMS.

Sharirkriya is the subject which deals with all the basic knowledge and siddhantas as well as clinical examination of normal individual. At BAMS level all the concepts and fundamentals are familiar but overall conceptual understanding lacks behind. At postgraduate level these concepts need a different vision to understand and implement in practice.



Dravyaguna Lab

The subject Dravyaguna Vidnyan deals with basic principles of mode of action of drug and detailed study of herbal drugs thus creating platform for therapeutic application of herbs. This subject is backbone of clinical practice. The subject also includes standardization of Medicinal plants. Amongst all the available sources of drugs in various therapies herbal drugs are proved to be safest; so more and more people are attracted and wish to undergo only herbal therapy. These Herbal Medicines are gaining more & more importance not only in India but also abroad.



Ras Shastra evum Bhaishajya Kalpana Lab

Rasashastra & Bhaishajya kalpana is one of the most important branches of Ayurveda. It basically deals with the preparation of Ayurvedic medicines using Mercury, various metals, minerals and also various herbs. This subject is a part of syllabus of 2nd year B.A.M.S. course.



Nidan evam Rogavigyan Lab

The department boasts of a fully functional and a very busy round the clock “Central Lab” serving as the backbone of the Ayurved Rugnalaya Sane Guruji Arogya Kendra.

Post graduation in any field seeks for in depth study & a detailed perspective about the particular subject in which one desires to pursue his post graduation. It should ideally enable the person to be an authority in his specialty and expects him to be an encouraging teacher, a philosopher & guide to the younger generation, a scientist with an analytical mind & to inculcate in him a research oriented approach in his studies.



Swasthavritta and Yoga Lab

A real strength of Ayurveda is preventive measures and maintaining good health which is included in subject Swasthavritta. So this subject is very much important in faculty of Ayurveda.

According to CCIM, Swasthavritta syllabus also contains preventive measures of Modern science, Yogshastra and Naturopathy. The content of subject is very useful to create such students, who are able to bring about welfare of the society with the help of science of Ayurveda along with Yogshastra and Naturopathy. Department of Swasthavritta is established Department of SSAM.



**Agada Tantra evum
Vyavahar Lab**

Agada Tantra is a branch of Ayurveda which deals with identification, prevention, diagnosis and treatment of various **Visha** conditions (Animate, Inanimate, Subclinical, Residual and Cumulative toxicological presentation). Department of Agada Tantra for Undergraduate was individualized in 1963. Since then the department is growing and working for the upliftment of Agada Tantra.

To uplift the glory of Ayurveda Vishachikithsa by Exploring the classical and traditional knowledge on scientific grounds.



Kayachikitsa Lab

Kayachikitsa is the subject taught in the final year B.A.M.S. Professional Degree course, It is the important basic clinical subject of Ayurveda. It is one of the eight branches (Ashtang) of Ayurved. There are 3 Theory papers in syllabus.



Panchkarma Lab

Ayurvedic literature suggests putting the person on a proper diet with appropriate lifestyle, habits and exercise, and administering a proper cleansing program such as panchakarma. (Although panchakarma is often thought of as the entire procedure, it really is only one part of a group of therapies belonging to a class of cleansing procedures called shodana. There is also a group of milder techniques called shamana for those not strong enough for shodana.)



Shalya Lab

Shalyatantra is one of distinct branch of Ashtang Ayurveda will teaches us surgical knowledge and procedure that are performed and used by thousands of years . Modren plastic surgary specialty is one specialty that has its origin form shalyatantra which documented in modern journals.

Surgical knowledge of disease and treatments described in shalyatantra can be researched and used in diseases with minimum complications and side effects. Now a daya world is turning to ayurved for comprehensive treatment for diseases.



Shalaky Lab

Shalakyatantra is the branch of Ayurveda, which relates to the diseases of EYE, EAR, NOSE THROAT and Orodental, its treatment by classical methods like Kriyakalpas and different surgical methods.

Knowledge of Shalaky enables the students to be an authority in Shalakyatantra & make him a good clinician, a competent surgeon, a good teacher & a scientist with an analytical mind.



Prasooti evum Stri Roga Lab

Department of Stri Roga & Prasuti tantra is the premier department of our institute. Daily OPD is approximately 160 patients. We have a special Stri Rog & Prasuti ward with daily average occupancy of approximately 171 patients. Nearly 250 deliveries are conducted per month.



Kumar Bhritya (Balaroga) Lab

This branch of ayurveda deals with the care and remedies related to children. It tells us every thing about parental care right from the birth of the child to the teens. Every aspect is covered in this subject regarding the stages of growth. Many methods have been discussed for improving the immunity and maintaing the proper growth of the child. All the sequence of the pattern and stages growth of the child to judge weather his growth is normal or not.



Information about the Ayurvedic Lab Equipment

S./N.	ITEM DESCRIPTION	QTY.	VALUE	PRESENT CONDITION	DATE OF PURCHASE
1	SPIRIT LAMP	12	420	OK	13/11/2015
2	FIELD MAGNIFIER	5	250	OK	13/11/2015
3	COMPOUND MICROSCOPE	20	60000	OK	13/11/2015
4	DISSECTING MICROSCOPE	10	4500	OK	13/11/2015
5	ELECTRONIC BALANCE DIG.5KG	2	2400	OK	13/11/2015
6	DISSECTION BOX	10	2900	OK	13/11/2015
7	ENAMEL TRAYS	10	1900	OK	13/11/2015
8	CHEMICAL KIT	1	12000	OK	13/11/2015

9	X-RAY VIEW BOX SINGLE TUBE	2	2100	OK	13/11/2015
10	STERILE DISPOSABLE LANCER/NEEDLE	5	750	OK	13/11/2015
11	SAHLISSQARE TUBE	10	700	OK	13/11/2015
12	HB PIPETTE W GERMANY	10	1250	OK	13/11/2015
13	DROPPER GLASS	25	175	OK	13/11/2015
14	GLASS ROD	36	252	OK	13/11/2015
15	WBC PIPETTE	10	2400	OK	13/11/2015
16	IMPROVED NEUBAUR CHAMBERCOMPLETE	15	8250	OK	13/11/2015
17	COVER SLIP	5	950	OK	13/11/2015
18	RED CELL PIPETTE	10	2300	OK	13/11/2015
19	CLEANED SLIDES	10	450	OK	13/11/2015
20	INCUBATOR 14X14	2	11000	OK	13/11/2015

21	REFLECTOR (MIRRORS)	10	450	OK	13/11/2015
22	WEIGHING MACHINE	2	1500	OK	13/11/2015
23	TUNING FORKS	5	550	OK	13/11/2015
24	NASAL SPECULUM	3	195	OK	13/11/2015
25	LARYNGOSCOPE 3BLADE	4	3800	OK	13/11/2015
26	CATHETERS RUBBER	5	40	OK	13/11/2015
27	PROBES	5	225	OK	13/11/2015
28	DISPOSABLE GLOVES	1	290	OK	13/11/2015
29	PHYSICAL BALANCE	4	3800	OK	13/11/2015
30	SYRINGE NEEDLE DESTROYER ELECTRIC	2	1900	OK	13/11/2015
31	SHADOWLESS LAMP	1	4500	OK	13/11/2015
32	RADIANT WARNER	1	35000	OK	13/11/2015

33	PHOTO THERAPY UNIT	1	21500	OK	13/11/2015
34	WEIGHING MACHINE(PAEDIATRIC)	2	1900	OK	13/11/2015
35	INFANTOMETER	2	1900	OK	13/11/2015
36	VACCUM EXTRACTOR SILICON	2	1900	OK	13/11/2015
37	FOETAL DOPPLER DIGITAL	1	5500	OK	13/11/2015
38	LOW CAVITY FORCEPS	2	1900	OK	13/11/2015
39	STERILISER STEEL 12X6X4	2	1900	OK	13/11/2015
40	MACHINTOSH RUBBER SHEET	5	400	OK	13/11/2015
41	CATGUTS	5	390	OK	13/11/2015
42	SPECULUM-SIM'S	4	360	OK	13/11/2015
43	INSTRUMENTS FOR LABOUR EPISIOTONY	2	2800	OK	13/11/2015
44	BABY TRAY	2	840	OK	13/11/2015

45	DRAW SHEETS	3	285	OK	13/11/2015
46	PLASTIC APRONS	3	135	OK	13/11/2015
47	HIV KIT FOR EMERGENCY PATIENTS	3	1050	OK	13/11/2015
48	GLOVES	2	580	OK	13/11/2015
49	NEBULISER	2	2900	OK	13/11/2015
50	FOETOSCOPE	10	450	OK	13/11/2015
51	DRUMS	4	1800	OK	13/11/2015
52	PULSE OXYMETER	2	3200	OK	13/11/2015
53	BOYLE'S APPARATUS	1	49000	OK	13/11/2015
54	ELECTRO CAUTERY	1	27500	OK	13/11/2015
55	HIV KIT TRIDOT	2	1900	OK	13/11/2015
56	CT-BT KIT	2	1900	OK	13/11/2015

57	CELL COUNTER (HAEMOAUTONALYSER)	2	1700	OK	13/11/2015
58	BLOOD SUGAR KIT	2	1500	OK	13/11/2015
59	MTP SUCTION MACHINE	1	4800	OK	13/11/2015
60	BLUNT & SHARP CURRETES	2	130	OK	13/11/2015
61	DILATORS SET	2	700	OK	13/11/2015
62	SIMS'S SPECULUM	4	360	OK	13/11/2015
63	ANTERIOR VAGINAL WALL RETRACTOR	2	580	OK	13/11/2015
64	CYSCO'S SPECULUM	2	380	OK	13/11/2015
65	UTRERINE SUOND	2	134	OK	13/11/2015
66	VOLSELLUM	2	380	OK	13/11/2015
67	MTP SUCTION CURRATE	2	380	OK	13/11/2015
68	NEEDLES	4	140	OK	13/11/2015

69	NEEDLE HOLDERS	4	380	OK	13/11/2015
70	SPONGE HOLDING FORCEPS	6	1140	OK	13/11/2015
71	TOWEL CLIPS	2	70	OK	13/11/2015
72	RETRACTORS ABDOMINAL	2	580	OK	13/11/2015
73	GREEN ARMYTAGE FORCEPS	2	700	OK	13/11/2015
74	UTERUS HOLDING FORCEPS	2	1900	OK	13/11/2015
75	COCHER'S FORCEPS	2	190	OK	13/11/2015
76	ARTERY FORCEPS	2	650	OK	13/11/2015
77	SCISSORS SET	2	490	OK	13/11/2015
78	FORCEPS OBSTETRICS	2	1900	OK	13/11/2015
79	TONGUE DEPRESSOR	2	70	OK	13/11/2015
80	ENDOTRACHIAL TUBES	2	580	OK	13/11/2015
81	B.P. APPARATUS	8	10800	OK	13/11/2015

82	CORD CUTTING APPLIANCES	2	125	OK	13/11/2015
83	BLADDER SOUND	2	240	OK	13/11/2015
84	NEEDLE HOLDING FORCEPS	10	950	OK	13/11/2015
85	APRONS	5	1250	OK	13/11/2015
86	DRESSING DRUMS	5	4750	OK	13/11/2015
87	DRUMS STAND	2	3700	OK	13/11/2015
88	IV STAND	2	4700	OK	13/11/2015
89	X-RAY VIEW BOX	2	2100	OK	13/11/2015
90	SURGEON'S GAWN	5	1250	OK	13/11/2015
91	MASK & CAPS	5	1000	OK	13/11/2015
92	GAUZE	10	600	OK	13/11/2015
93	GLOVES PKT.	5	1750	OK	13/11/2015
94	CHEETIES FORCEPS	4	760	OK	13/11/2015

95	TOWEL CLIPS	4	140	OK	13/11/2015
96	MOSQUITO FORCEPS	4	280	OK	13/11/2015
97	SCIESSORS STRAIGHT 8"	4	760	OK	13/11/2015
98	SCIESSORS CURVED	4	760	OK	13/11/2015
99	STICH REMOVAL SCIESSORS	4	380	OK	13/11/2015
100	DISSECTION FORCEPS	4	100	OK	13/11/2015
101	SINUS FORCEPS	4	760	OK	13/11/2015
102	PROBES	4	140	OK	13/11/2015
103	POINTED SCISSORS 6"	4	380	OK	13/11/2015
104	ABDOMINL RETRACTROS	4	2200	OK	13/11/2015
105	TISSUE FORCEPS	4	660	OK	13/11/2015
106	BOB KOCK'S FORCEPS	4	500	OK	13/11/2015
107	COCHER'S FORCEPS	4	440	OK	13/11/2015

108	URETHRAL DILATORS	4	1400	OK	13/11/2015
109	RUBBER CATHETERS OF ASSORTED SIZE	4	28	OK	13/11/2015
110	METAL CATHETORS	4	600	OK	13/11/2015
111	CARRUGATED RUBBER	4	100	OK	13/11/2015
112	STURING NDDLEDLE	4	100	OK	13/11/2015
113	SURGICL THREAD	4	60	OK	13/11/2015
114	SPONGE HOLDING FORCEPS	4	760	OK	13/11/2015
115	RIGHT ANGLE CHOLE CYSTECTOMY FORCEPS	4	760	OK	13/11/2015
116	STONE HOLDING FORCEPS	4	760	OK	13/11/2015
117	PROCTOSCOPE	4	880	OK	13/11/2015
118	ALLIES FORCEPS SMALL	4	365	OK	13/11/2015
119	ALLIES FORCEPS BIG	4	500	OK	13/11/2015

120	ARTPRY FORCEPS SMALL	4	356	OK	13/11/2015
121	ARTERY FORCEPS BIG	4	500	OK	13/11/2015
122	ARTPRY FORCEPS MEDIUM	4	440	OK	13/11/2015
123	BARRON PILE'S GUN	4	4800	OK	13/11/2015
124	LARYNGOSCOPE PEDIATRIC	4	3000	OK	13/11/2015
125	MULTIPARAMETER MONITOR	1	32000	OK	13/11/2015
126	AMBU BAG	2	500	OK	13/11/2015
127	SILICON AMBU BAG	4	3400	OK	13/11/2015
128	SUCTION MACHINE ELECTRICAL	2	13000	OK	13/11/2015
129	FIRE EXTINGUISHER ABC	6	12600	OK	13/11/2015
130	CURGICAL BLADES	4	1000	OK	13/11/2015
131	BP HANDLE	5	125	OK	13/11/2015
132	SELF RETALING RETRACTOR	6	5700	OK	13/11/2015

133	BONEDRILL MACHINE	1	9500	OK	13/11/2015
134	FUMIGATOR	2	15000	OK	13/11/2015
135	TROLLEY	2	7000	OK	13/11/2015
136	ENDOTRACHEAL TUBE	5	200	OK	13/11/2015
137	AMBU BAG	3	750	OK	13/11/2015
138	PROCTO SCOPE	3	870	OK	13/11/2015
139	REVOLVINGSTOOL	2	1500	OK	13/11/2015
140	MOSQUITO ARTPRY FORCEPS	5	340	OK	13/11/2015
141	PILES HOLDING ARTPRY FORCEPS	3	3600	OK	13/11/2015
142	NDDLE HOLDER	4	392	OK	13/11/2015
143	BP APPARATUS MERCURY	5	6750	OK	13/11/2015
144	SECTION MACHINE PHELGUM	1	5500	OK	13/11/2015

145	MINI HALOGEN LIGHT	1	4500	OK	13/11/2015
146	STERILIZING BOX	2	3680	OK	13/11/2015
147	LENS INSERTION ARTPRY FORCEPS	2	980	OK	13/11/2015
148	KERAPOME	4	208	OK	13/11/2015
149	BARRAQUER YIRE SPECULUM	2	920	OK	13/11/2015
150	DESNDARRES LID RETRACTORS	3	840	OK	13/11/2015
151	CAT PAW LACRIMAL RETRACTOR	2	560	OK	13/11/2015
152	MUELLER LACRIMAL SAC RETRACTOR	2	2100	OK	13/11/2015
153	DASTOOR LRIS RETRACTOR	2	560	OK	13/11/2015
154	CASTRO VIEJO CLIPER	2	1500	OK	13/11/2015
155	MEYRHOEFER CHALAZION CURRETE	2	560	OK	13/11/2015

156	SINSKY LENS MANIPULATING HOOK	2	520	OK	13/11/2015
157	IOL MANIPULATOR	2	520	OK	13/11/2015
158	FOREIGN BODY SPUD	2	760	OK	13/11/2015
159	LEWIS LPNS LOOP	2	760	OK	13/11/2015
160	CYSTOTOME & SPOON	2	700	OK	13/11/2015
161	MUL EVISCERATION SPOON	3	1050	OK	13/11/2015
162	VELLS ENUCLEATION SPOON	2	680	OK	13/11/2015
163	LRIS REPOSITORY	3	2700	OK	13/11/2015
164	TOOKS CORNEAL KNIFE	2	1800	OK	13/11/2015
165	GRAEFE S TRABISMUS HHOOK	2	700	OK	13/11/2015
166	JAMESOM MUSCLE HOOK	2	2100	OK	13/11/2015
167	SMITH LENCE EXPRESSOR	2	700	OK	13/11/2015

168	VILLS CAUTERY	2	680	OK	13/11/2015
169	BARRAQUER BLADE BRAKER & HOLDER	2	1020	OK	13/11/2015
170	LANGS LACRIMAL DISSECTOR	3	1230	OK	13/11/2015
171	KELLY GLAUCONA PUNCH	2	2100	OK	13/11/2015
172	WEST LACRIMAL CHIESEL	2	2100	OK	13/11/2015
173	ELEVATOR (DOUBLE ENDED)	2	560	OK	13/11/2015
174	NALLET	3	750	OK	13/11/2015
175	NASAL SPECULUM ADULT	3	3060	OK	13/11/2015
176	WILDER PUNCPUM DILATOR	2	500	OK	13/11/2015
177	BOWMAN LACRIMAL PROBES	2	360	OK	13/11/2015
178	TOWEL CLAMP	3	180	OK	13/11/2015
179	HARTMAN MOSQUITO FORCEPS	3	750	OK	13/11/2015

180	COLIBRI FORCEPS	3	1230	OK	13/11/2015
181	MC. PERSON CORNEAL FORCEPS WITH TYING PL	2	580	OK	13/11/2015
182	KELMAN MC. PHERSON ANGLED FORCEPS	2	920	OK	13/11/2015
183	MC. PHERSONS TYING FORCEPS	2	48	OK	13/11/2015
184	DRESSING FORCEPS,SERRATED	2	560	OK	13/11/2015
185	MOORFIELD COLJUCTIVAL FORCEPS	2	580	OK	13/11/2015
186	FIXATION FORCEPS	2	820	OK	13/11/2015
187	BEER CILEA(EPILATION) FORCEPS	3	1275	OK	13/11/2015
188	ARRUGA CAPSULAR FORCEPS	2	850	OK	13/11/2015
189	SNELLEN ENTROPION CLAMP	2	900	OK	13/11/2015
190	CHALAZION CLAMPS	2	1700	OK	13/11/2015

191	CASTROVIEJO CORNEAL SCISSORS	3	840	OK	13/11/2015
192	IRIS SCISSORS	2	560	OK	13/11/2015
193	WESTCOTT TENOTOMY SCISSORS	3	1050	OK	13/11/2015
194	VANNAS STRAIGST SCISSORS	2	700	OK	13/11/2015
195	DE WECKERS IRIS SCISSORS	3	1260	OK	13/11/2015
196	STRABISMUS SCISSORS	3	750	OK	13/11/2015
197	ENUCLEATION SCISSORS	3	750	OK	13/11/2015
198	BARRAQUER NEEDLE HOLDER	2	460	OK	13/11/2015
199	CASTROVIEJO MICRO NEEDLE HOLDER	2	480	OK	13/11/2015
200	AIR INJECTION CANULA	3	1230	OK	13/11/2015
201	HEALON ASPIRATING CANULA	2	820	OK	13/11/2015
202	AC WAS CANULA	3	1230	OK	13/11/2015

203	LACRIMAL CANULA	2	800	OK	13/11/2015
204	HYDRODLALYSIS CANULA	3	1215	OK	13/11/2015
205	J-LOOP CANULA	1	950	OK	13/11/2015
206	SIMCOE DIRECT I/A CANULA WITH SILICON TU	2	760	OK	13/11/2015
207	IRRIGATING ASPIRATING HANDLE	2	500	OK	13/11/2015
208	LENSDIATER	1	3800	OK	13/11/2015
209	SUPERIOR RECTUS FORCEPS	2	960	OK	13/11/2015
210	SWIMMING GOGGLES	2	600	OK	13/11/2015
211	AURAL SYRINGE	2	2100	OK	13/11/2015
212	GOBSON'S AURAL PROBE	4	360	OK	13/11/2015
213	EUSTACHIAN CATHETER	2	1300	OK	13/11/2015
214	MASTOID RETRACTOR	2	2400	OK	13/11/2015

215	MASTOID GOUGE	2	800	OK	13/11/2015
216	MALLET	2	850	OK	13/11/2015
217	MASEOID CELL SEEKER WITH SCOOP	2	1020	OK	13/11/2015
218	NASAL FOREIGN BODY HOOK	2	700	OK	13/11/2015
219	NASAL PACKING FORCEPS	2	1200	OK	13/11/2015
220	ANTRAL TROCAR SCANNLA	2	900	OK	13/11/2015
221	ANTRAL BURR	2	500	OK	13/11/2015
222	NASAL SNARE	2	500	OK	13/11/2015
223	FREER'S SEPTAL KNIFE	2	700	OK	13/11/2015
224	BALLINGER'S SWIVEL KNIFE	2	760	OK	13/11/2015
224	BAYONET SHAPED GOUGE	2	2000	OK	13/11/2015
225	WALSHMAN'S FORCEPS	2	7000	OK	13/11/2015

226	LARYNGEAL FORCEPS	2	700	OK	13/11/2015
227	BOYLE-DAVIS MOUTH GAG	2	480	OK	13/11/2015
228	TONGUE PLATE WITH THROATSUCTION	2	820	OK	13/11/2015
229	TONSIL HOLDING FORCEPS	2	760	OK	13/11/2015
230	TONSILLAR DISSECTOR	2	480	OK	13/11/2015
231	GUILLOTINE	2	640	OK	13/11/2015
232	ADENOID CURTTLE WITH CAGE	1	450	OK	13/11/2015
233	PERITONSILLAR ABCESS DRAINING FORCEPS	2	1360	OK	13/11/2015
234	FULLER'S TRACHEOSTOMY TUBE	2	1560	OK	13/11/2015
235	STERILLSER BOX	2	1700	OK	13/11/2015
236	CHEATEL'S FORCEPS	2	380	OK	13/11/2015
237	ENT OPERATING MICROSCOPE &	1	85000	OK	13/11/2015

	LENS 3 STE				
238	X-RAY VIEW BOX	2	2100	OK	13/11/2015
239	LED X-RAY VIEW BOX	1	2800	OK	13/11/2015
240	BP APPARATUS	4	5400	OK	13/11/2015
241	STETHOSCOPE	5	1000	OK	13/11/2015
242	THERMOMETER	5	140	OK	13/11/2015
243	TONGUE DEPRESSOR	5	125	OK	13/11/2015
244	COTTON BOWL	5	300	OK	13/11/2015
245	TORCH	5	1450	OK	13/11/2015
246	MEASURING TAPE	5	60	OK	13/11/2015
247	WEIGHT & HEIGHT MEASURING STAND	3	6300	OK	13/11/2015
248	KNEE HAMMER	5	550	OK	13/11/2015

249	BP APPARATUS	4	5400	OK	13/11/2015
250	THERMOMETER	5	140	OK	13/11/2015
251	SURGICAL BLADES	5	125	OK	13/11/2015
252	COTTEON BOWL	10	600	OK	13/11/2015
253	GAUZE PIECES	5	70	OK	13/11/2015
254	X-RAY VIEWING BOX	2	2100	OK	13/11/2015
255	STETHOSCOPE	10	2000	OK	13/11/2015
256	CHEETLE'S FORCEPS	5	950	OK	13/11/2015
257	TORCH	5	1450	OK	13/11/2015
258	TUNING FORKS	5	550	OK	13/11/2015
259	OPHTHALMOSCOPE/FONDOSCOPE	1	7500	OK	13/11/2015
260	AUROSCOPE	2	1700	OK	13/11/2015
261	X-RAY VIEWING BOX	2	2100	OK	13/11/2015

262	BP APPARATUS	4	5400	OK	13/11/2015
263	ENT KIT	2	1700	OK	13/11/2015
264	TORCH	5	1450	OK	13/11/2015
265	BULL'S LAMP	2	4800	OK	13/11/2015
266	WEIGHING MACHINE	2	1300	OK	13/11/2015
267	SIM'S SPECULUM	5	475	OK	13/11/2015
268	THERMOMETER	20	560	OK	13/11/2015
269	CUSCO-S SPECULUM	2	290	OK	13/11/2015
270	DISSECTION SET COMPLETE	1	1600	OK	13/11/2015
271	SAW FOR SECTIONING BODY&LIMBS	1	200	OK	13/11/2015
272	MACHINE FOR SECTION BONE&BRAIN	1	85000	OK	13/11/2015
273	OVER HEAD PROJECTOR	1	3800	OK	13/11/2015

274	SLIDE PROJECTOR	1	1800	OK	13/11/2015
275	RUBBER GLOVES	1	290	OK	13/11/2015
276	RUBBER TEAT 5 NO.	20	120	OK	13/11/2015
277	RAZOR HONE& STRAP	1	990	OK	13/11/2015
278	PLASTIC SCENE	5	125	OK	13/11/2015
279	X-RAY VIEW BOX SINGLE TUBE	3	2550	OK	13/11/2015
280	MODEL HUMANDIFF	10	1500	OK	13/11/2015
281	CHARTS HUMAN LAM	10	2200	OK	13/11/2015
282	SLIDE HUMAN	10	120	OK	13/11/2015
283	REASEARCH MICROSCOPE TRINOCULAR	1	8500	OK	13/11/2015
284	DEMONSTRATION IEYE PIECE	5	1100	OK	13/11/2015
285	DOUBLE DEMONSTRATION IEYE	2	1300	OK	13/11/2015

286	DISSECTING MICROSCOPE	2	1180	OK	13/11/2015
287	OCULAR MICROMETER	1	210	OK	13/11/2015
288	STAGE MICROMETER	1	210	OK	13/11/2015
289	MICROSCOPE PLANE SLIDE	5	225	OK	13/11/2015
290	COVER SLIP PKT.	5	1100	OK	13/11/2015
291	SLIDE CABINET- 1000	1	4500	OK	13/11/2015
292	MICROSCOPE LAMP	1	220	OK	13/11/2015
293	STAINING RACK	1	600	OK	13/11/2015
294	INCUBATOR - 14X14	1	5500	OK	13/11/2015
295	PARAFFIN EMBEDDING BATH	1	400	OK	13/11/2015
296	MICROTOME	1	14500	OK	13/11/2015
297	L BLOCKS	10	2400	OK	13/11/2015
298	HOT PLATE	2	1300	OK	13/11/2015

299	OVEN- 12X12	1	3800	OK	13/11/2015
300	BALANCE ANALYTICL	1	1200	OK	13/11/2015
301	PARAFFIN BLOCK	5	1000	OK	13/11/2015
302	DISTILLATION WATER 2 LTR.	1	3200	OK	13/11/2015
303	MICROSCOPE FACE CONTRAST	1	28000	OK	13/11/2015
304	MICROSCOPE POLARIZING	1	12500	OK	13/11/2015
305	CAMERA LUCIDA	1	390	OK	13/11/2015
306	MICROTONE SLEDGE LARGE	1	75900	OK	13/11/2015
307	MICROTONE CARBON DIOXIDE FREEZING	1	14500	OK	13/11/2015
308	MICROSCOPE WITHMECHANICAL STAGE	1	3000	OK	13/11/2015
309	TROLLEY TABLE	2	7000	OK	13/11/2015
310	STEREO MICROSCOPE	1	9800	OK	13/11/2015

311	CO2 CYLONDER	1	5500	OK	13/11/2015
312	PARAFFIN BATH	1	4800	OK	13/11/2015
313	MORTURY COLLER BODY	1	110000	OK	13/11/2015
314	MEDICAL MICROSCOPE	25	75000	OK	13/11/2015
315	MONOPAN BALANCE	1	900	OK	13/11/2015
316	AUTO CLAVE 12X12	1	3600	OK	13/11/2015
317	SEMI MICRO BALANCE	1	1400	OK	13/11/2015
318	ANALYCLAE BALANCE DIDITAL	1	14500	OK	13/11/2015
319	SINGLE PAN BALANCE	1	10500	OK	13/11/2015
320	SOXHLET GLASS 250 ML.	3	1350	OK	13/11/2015
321	FILTER PUMP GLASS	6	240	OK	13/11/2015
322	FILTER PUMP METAL	3	1170	OK	13/11/2015
323	WATER BATH 8 HOLE	20	76000	OK	13/11/2015

324	CENTRIFUGE ROTAFIX	1	4800	OK	13/11/2015
325	CHEMICAL BALANCE	1	1200	OK	13/11/2015
326	UNNOMETER	30	420	OK	13/11/2015
327	HYDROMETER	2	80	OK	13/11/2015
328	ALBUMINOMETER	30	4500	OK	13/11/2015
329	GLUCOMETER	10	9500	OK	13/11/2015
330	THERMOTER	10	290	OK	13/11/2015
331	THERMOTER	10	300	OK	13/11/2015
332	QUICK FIT SET (GLASS)	1	2500	OK	13/11/2015
333	POCKETSPECTROSCOPE	2	2000	OK	13/11/2015
334	BLOOD UREA ESTIMATION	2	2500	OK	13/11/2015
335	WATER BATHS 6 HOLE	1	2800	OK	13/11/2015
336	STOMACH RIAL TUBE	3	60	OK	13/11/2015

337	RUBBER CATHER	10	70	OK	13/11/2015
338	INCUBATOR 14X14	1	5500	OK	13/11/2015
339	COLORIMETER DIGITAL	1	3200	OK	13/11/2015
340	HOT AIR OVEN 14"X14"X14"	1	5500	OK	13/11/2015
341	MAGNATIC STIRRER	1	1390	OK	13/11/2015
342	CORK BORER	1	160	OK	13/11/2015
343	STOP WATCHDIGITAL	1	70	OK	13/11/2015
344	ALL GLASS DISTILLATION APP	1	9500	OK	13/11/2015
345	WATER DISTILLATION APP	1	3100	OK	13/11/2015
346	CENTRIFUGE MACHINE	1	1200	OK	13/11/2015
347	PH METER TABLE	1	2800	OK	13/11/2015
348	PIPETTE GLASS	10	240	OK	13/11/2015
349	BEAKER GLASS 250 ML	10	340	OK	13/11/2015

350	BURTTE 50 ML	30	8400	OK	13/11/2015
351	WIRE GUAGE	24	216	OK	13/11/2015
352	HOT PLATE	1	1100	OK	13/11/2015
353	SYRINGE	10	25	OK	13/11/2015
354	BURNER	10	1200	OK	13/11/2015
355	RUBBER TUBING	1	290	OK	13/11/2015
356	IRON STAND	10	1600	OK	13/11/2015
357	KJELDAHI AOO.	1	2950	OK	13/11/2015
358	MICROKJELDAHL AP.	3	13500	OK	13/11/2015
359	SOLUTION MIXER	1	3950	OK	13/11/2015
360	BOILING POINT	1	2400	OK	13/11/2015
361	VAN SLYKE GLASS	1	1800	OK	13/11/2015
362	VAN SLYKE GLASS AMMONIA	1	1800	OK	13/11/2015

363	VACCUM PUMP	1	4500	OK	13/11/2015
364	TLC KIT	1	3990	OK	13/11/2015
365	CENTRIFUGE MACHINE	1	1200	OK	13/11/2015
366	UV LAMP/TUBE	1	1200	OK	13/11/2015
367	STETHOSCOPE	4	800	OK	13/11/2015
368	DESCATOR LARGE	3	3600	OK	13/11/2015
369	SMALL DESICATOR	3	1800	OK	13/11/2015
370	LACTOPHORSIS VERTICAL	1	6900	OK	13/11/2015
371	LACTOPHORSIS HORIZONTAL	1	6900	OK	13/11/2015
372	BINOCULAR MICROSCOPE	1	5500	OK	13/11/2015
373	MUFFLE FURNACE	1	6500	OK	13/11/2015
374	VORTEX SHAKER	1	2500	OK	13/11/2015
375	FLAME PHOTOMETER	1	18500	OK	13/11/2015

376	CAMERA FOR MICROSCOPE	1	8000	OK	13/11/2015
377	DISSECTING MICROSCOPE	1	490	OK	13/11/2015
378	DISSECTION INSTRUMENT SET	1	180	OK	13/11/2015
379	SURGICAL INSTRUMENTS	1	1450	OK	13/11/2015
380	MICROPHOTOGRAPHIC APP.	1	11900	OK	13/11/2015
381	STERNAL PUNCTURE NEEDLE ADULT	2	90	OK	13/11/2015
382	CENTRIFUGE ONE HIGH POWER FOR SEROLOGICA	1	9000	OK	13/11/2015
383	E.S.R. WETERN	2	240	OK	13/11/2015
384	EGG INCUBATOR	1	19500	OK	13/11/2015
385	CHEMICAL BALANCE	1	1450	OK	13/11/2015
386	COLONY COUNTER DIGITAL	1	1950	OK	13/11/2015
387	SOXHLET EXTRATION APP- 3	1	2900	OK	13/11/2015

388	LOVIBOND CAMPARATOR	1	12900	OK	13/11/2015
389	COMPLETE EQUIPMENT FOR KHAN REACTION (VD)	1	8500	OK	13/11/2015
390	PAPER ELECTROPHORSIS APP	1	8500	OK	13/11/2015
391	INCUBATOR 12X12X12 THERMOSTATIC	1	3800	OK	13/11/2015
392	GLASS WOOL	1	150	OK	13/11/2015
393	ROTARY MICROTOME	1	14950	OK	13/11/2015
394	HOT PLATE	1	1050	OK	13/11/2015
395	HOT AIR OVEN 12X12	1	3400	OK	13/11/2015
396	PARAFFIN AMEBEDDING BATH	2	7000	OK	13/11/2015
397	ELECTRIC PARAFFIN AMEBEDDING BATH	1	3500	OK	13/11/2015
398	VACCUM PUMP	1	4500	OK	13/11/2015

399	AUTO CLAVE 12X12	1	3800	OK	13/11/2015
400	DISTILLATION APP. SS	1	2990	OK	13/11/2015
401	ANIMA BALANCE	1	1400	OK	13/11/2015
402	HAND TALLY COUNTER	1	180	OK	13/11/2015
403	CENTRIFUGE MACHINE ELECTRIC	1	1200	OK	13/11/2015
404	WATER BATH ELECTRIC SERLOGICAL	1	3200	OK	13/11/2015
405	RECTANGULAR WATER BATH 6 HOLE	1	2800	OK	13/11/2015
406	CABINET FOR 100 SLIDE	1	120	OK	13/11/2015
407	STAINING TRAY	10	600	OK	13/11/2015
408	TROUGHT FOR STANGING	10	780	OK	13/11/2015
409	CUPLING JAR	1	3500	OK	13/11/2015
410	WATER BATH 6 HOLE	1	2800	OK	13/11/2015

411	EYE PIECE	2	190	OK	13/11/2015
412	MAGNIFIER LENS	3	75	OK	13/11/2015
413	GLASS WARE, STAINS, CHEMICAL REAGENTS	1	12000	OK	13/11/2015
414	CHEMICALS KIT	1	14000	OK	13/11/2015
415	FACE CONTRAST MICROSCOPE WITH DARK FIELD	1	39500	OK	13/11/2015
416	SLIDE PROJECTOR	1	1600	OK	13/11/2015
417	OVER HEAD PROJECTOR	1	3800	OK	13/11/2015
418	INCUBATOR 14X14	1	4500	OK	13/11/2015
419	HAEMOCYTOMETER WITH RBC, WBC PIPE	25	13750	OK	13/11/2015
420	HAEMOCYTOMETER	25	11250	OK	13/11/2015
421	PETRI DISH GLASS	25	1375	OK	13/11/2015

422	CENTRIFUGE TUBE	25	350	OK	13/11/2015
423	SYRINGE GLASS 10 ML.	5	200	OK	13/11/2015
424	SYRINGE GLASS 20 ML.	5	300	OK	13/11/2015
425	URINE GLASS	12	960	OK	13/11/2015
426	AUTO CLAVE 12X18	1	6500	OK	13/11/2015
427	ANAERODIC APP.	1	6500	OK	13/11/2015
428	CONICAL FLASK 250 ML.	5	250	OK	13/11/2015
429	CONICAL FLASK 500 ML.	10	800	OK	13/11/2015
430	CONICAL FLASK 1000 ML.	10	1750	OK	13/11/2015
431	CONICAL FLASK 2000 ML.	5	1950	OK	13/11/2015
432	FLAT BOTTOM FLASK 250 ML.	8	400	OK	13/11/2015
433	FLAT BOTTOM FLASK 500 ML.	10	800	OK	13/11/2015
434	FLAT BOTTOM FLASK 1000 ML.	10	1750	OK	13/11/2015

435	FLAT BOTTOM FLASK 2000 ML.	5	1950	OK	13/11/2015
436	WASH BOTTLE GLASS 500 ML.	1	340	OK	13/11/2015
437	WASH BOTTLE GLASS 100 ML.	1	200	OK	13/11/2015
438	VOLUMETRIC FLASK 25 ML.	10	300	OK	13/11/2015
439	VOLUMETRIC FLASK 50 ML.	10	400	OK	13/11/2015
440	VOLUMETRIC FLASK 100 ML.	10	500	OK	13/11/2015
441	VOLUMETRIC FLASK 250 ML.	10	800	OK	13/11/2015
442	VOLUMETRIC FLASK 500 ML.	10	1100	OK	13/11/2015
443	VOLUMETRIC FLASK 1000 ML.	5	950	OK	13/11/2015
444	VOLUMETRIC FLASK 2000 ML.	5	1900	OK	13/11/2015
445	VOLUMETRIC FLASK 5000 ML.	2	1900	OK	13/11/2015
446	SEPERATING FUNNEL 100 ML.	10	700	OK	13/11/2015
447	SEPERATING FUNNEL 250 ML.	10	1200	OK	13/11/2015

448	SEPERATING FUNNEL 500 ML.	10	1600	OK	13/11/2015
449	SEPERATING FUNNEL 1000 ML.	10	2200	OK	13/11/2015
450	FUNNEL 2"	10	200	OK	13/11/2015
451	FUNNEL 3"	10	350	OK	13/11/2015
452	FUNNEL 5"	10	550	OK	13/11/2015
453	VACCUM DESICATOR GLASS	5	5250	OK	13/11/2015
454	FINE BIOPSY NEEDLE	5	450	OK	13/11/2015
455	LP NEEDLE	6	360	OK	13/11/2015
456	ULTRA VIOLET TUBE	1	1450	OK	13/11/2015
457	MICROTOME	1	14950	OK	13/11/2015
458	FLAT CUTTING MICROTOME	1	16000	OK	13/11/2015
459	AUTOMATIC TISSUE PROCESSOR	1	80000	OK	13/11/2015
560461	STAGE MICROMETER	1	210	OK	13/11/2015

462	OCULAR MICROTOME	1	120	OK	13/11/2015
463	DEOSTRATION EYE PIECE	1	210	OK	13/11/2015
464	STOP WATCH DIG	3	210	OK	13/11/2015
465	PH METER TABLE	1	2900	OK	13/11/2015
467	MICROSCOPE WITH OIL IMMERSION	25	75000	OK	13/11/2015
468	BAROMETER	1	450	OK	13/11/2015
469	LACTOMETER1	1	15	OK	13/11/2015
470	HYDROMETER	1	45	OK	13/11/2015
471	HYDROMETER WET & DRY	1	85	OK	13/11/2015
472	FILTER PASTEUM CHAMBERLAND COMPLETE GLASS	1	1800	OK	13/11/2015
473	CHARTS	10	2200	OK	13/11/2015

474	WEIGHING MACHINE DIAL TYPEHUMAN	1	650	OK	13/11/2015
475	EQUIPMENT FOR MEASURING HEIGHT	1	500	OK	13/11/2015
476	VERNIER CALIPERES	1	80	OK	13/11/2015
477	WEAPONS	20	44000	OK	13/11/2015
478	SPECIMEN HUMAN	10	3900	OK	13/11/2015
479	CHARTS	10	2200	OK	13/11/2015
480	DISPENSINGBALANCE	25	10000	OK	13/11/2015
481	PILL TILES	25	2000	OK	13/11/2015
482	SUPPOSITORY MOULD	25	8750	OK	13/11/2015
483	PORCELAIN DISHES 3"	25	300	OK	13/11/2015
484	CRUCIBIES WITH TONGS	25	425	OK	13/11/2015
485	PESTLES AND MORTARS	25	1200	OK	13/11/2015

486	MEASURING GLASS 100 ML.	8	480	OK	13/11/2015
487	MEASURING GLASS 250 ML.	8	720	OK	13/11/2015
488	MEASURING GLASS 500 ML.			OK	13/11/2015
489	WATER BATH METAL 6 HOLE	25	70000	OK	13/11/2015
490	INFUSION POT	21	2520	OK	13/11/2015
491	CHEMICALS KIT	1	14000	OK	13/11/2015
492	GLASS ROD	25	125	OK	13/11/2015
493	FUNNEL GLASS	10	290	OK	13/11/2015
494	FILTER PAPER	10	400	OK	13/11/2015
495	REASRCH MICROSCOPE	2	11000	OK	13/11/2015
496	GLASS APP. FOR FILTRATION	1	4800	OK	13/11/2015
497	THIN LAYER CHROMATOGRAPHY APP.	1	3200	OK	13/11/2015

498	PH METER TABLE MODEL	1	2900	OK	13/11/2015
499500	STOP WATCH DIG	1	70	OK	13/11/2015
501	DESICATOR GLASS	1	850	OK	13/11/2015
502	HYDROMETER	5	225	OK	13/11/2015
503	ALCOHOLOMETER	5	200	OK	13/11/2015
504	LACTOMETER	5	75	OK	13/11/2015
505	UV CANBINT	1	3400	OK	13/11/2015
506	WATER STILL	1	550	OK	13/11/2015
507	CONICAL PERCOLATER	5	1900	OK	13/11/2015
508	AERATOR	4	2000	OK	13/11/2015
509	BOTANICAL SLIDES	100	1000	OK	13/11/2015
510	OVER HEAD PROJECTOR	1	3800	OK	13/11/2015
511	EPIDIASCOPE	1	12400	OK	13/11/2015

512	KYMOGRAPH	1	5590	OK	13/11/2015
513	KYMOGRAPH ASSECERORY	1	2000	OK	13/11/2015
514	MICROPIPETTE AUTOCLAVABLE	1	1690	OK	13/11/2015
515	PERFUSION CANULLA FROG HEART	5	300	OK	13/11/2015
516	PERFUSION FUNNEL FOR HEART	5	550	OK	13/11/2015
517	ELECYTRIC MARKER	5	1450	OK	13/11/2015
518	ELECYTRICTIME MARKER 100 SEC.	5	1950	OK	13/11/2015
519	TUNNING FORK	5	775	OK	13/11/2015
520	X BOCK,BURETTECLAMP,BRASS UPRIGHTS	1	2000	OK	13/11/2015
521	VARNISHING TRAY OUTFIT FOR LONG AND SHOR	2	3560	OK	13/11/2015

522	LONG PAPER EXTENSION FOR KYMOGRAPH	2	440	OK	13/11/2015
523	FUME CUP BOARD	1	32900	OK	13/11/2015
524	ONCOMETER LEVER	1	980	OK	13/11/2015
525	ORGAN BATH	10	12000	OK	13/11/2015
526	SPIROMETER	1	7980	OK	13/11/2015
527	ANOMAL WEIGHING MACHINE SMALL	1	650	OK	13/11/2015
528	ANOMAL WEIGHING MACHINE BIG	1	1050	OK	13/11/2015
529	MEREY'S TABBEUR	20	6400	OK	13/11/2015
530	VENUS ARTERIAL CANNULA	24	960	OK	13/11/2015
531	ANTHESIA BOX	1	2400	OK	13/11/2015
532	CLAMP BURRET	1	40	OK	13/11/2015

533	VOLUME RECORDER	1	780	OK	13/11/2015
534	STERLING HEART LEVER APP.	1	170	OK	13/11/2015
535	BRAIN MODEL IMPORTED	1	2000	OK	13/11/2015
536	EYE MODEL	1	2400	OK	13/11/2015
537	EAR MODEL	1	2800	OK	13/11/2015
538	HHEART	1	2400	OK	13/11/2015
539	KIDNEY 12400			OK	13/11/2015
540	LUNGS WITH HEART	1	6200	OK	13/11/2015
541	STOMACH	1	2200	OK	13/11/2015
542	PELVIS MODEL MALE	1	6950	OK	13/11/2015
543	PELVIS MODEL FEMALE	1	6950	OK	13/11/2015
544	SKIN MODEL	1	2250	OK	13/11/2015
545	FEMALE REPRODUCTIVE MODEL	1	2400	OK	13/11/2015

546	MALE REPRODUCTIVE MODEL	1	2400	OK	13/11/2015
547	DELIVERY SET INDIAN	1	1800	OK	13/11/2015
548	HUMAN JOINTS	6	7800	OK	13/11/2015
549	HUMAN SKULL IMPORTED	1	2000	OK	13/11/2015
550	GALL BLADDER INDIAN	1	900	OK	13/11/2015
551	DIGESTIVE SYSTEM INDIN	1	850	OK	13/11/2015
552	NERVOUS SYSTEM INDIAN	1	850	OK	13/11/2015
553	CIRCULATORY SYSTEM	1	850	OK	13/11/2015
554	RESPIRATORY MODEL INDIAN	1	850	OK	13/11/2015
555	DENTAL TEETH MODEL	1	2400	OK	13/11/2015
556	NEW BORN BABY	1	3000	OK	13/11/2015
557	INJECTION ARM	1	7200	OK	13/11/2015
558	PUMPING HEART	1	1600	OK	13/11/2015

559	FETAL SKULL	1	1500	OK	13/11/2015
560	LARNyX	1	1500	OK	13/11/2015
561	HUMAN SKELETON ARTICULATED COLORED	1	4000	OK	13/11/2015
562	HUMAN SKELETON DISARTICULATED	4	3800	OK	13/11/2015
563	HERPES SIMPLEX VIRUS	1	7450	OK	13/11/2015
564	HEPITUS B VIRUS	1	7450	OK	13/11/2015
565	POLIOVIRUS	1	7450	OK	13/11/2015
566	PEDRETIC HUMAN SKELETON	1	3950	OK	13/11/2015
567	HOMOEPATHY DIGITAL	30	12750	OK	13/11/2015
568	SCIENTIEST POTRAIT	10	4250	OK	13/11/2015
569	DRUGS CHART	8	25600	OK	13/11/2015
570	HOMOEPATHY DIGITAL CHARTS	26	11050	OK	13/11/2015

571	WESTE GEN'S PIPETTE FOR ESR	25	625	OK	13/11/2015
572	HAEMATOCRIT TUBE	25	500	OK	13/11/2015
573	HAEMOGLOBINOMETER	25	11250	OK	13/11/2015
574	HAEMOCYTOMETER COMPLETE	25	13750	OK	13/11/2015
575	SPHYGMOMANOMETER	10	13500	OK	13/11/2015
576	STETHOSCOPES	20	4000	OK	13/11/2015
577	CONICAL THEMOMETER	40	1120	OK	13/11/2015
578	KNEE HAMMER	20	2200	OK	13/11/2015
579	T. FORKS	15	1650	OK	13/11/2015
580	CENTRIFUGE WITH SPEED CONTROL	2	2400	OK	13/11/2015
581	COLORIMETER	2	7000	OK	13/11/2015
582	PH METER ELECTRIC	2	5800	OK	13/11/2015

583	PH COMPARATOR WITH DISC	2	25800	OK	13/11/2015
584	COLOUR WHEEL DISC	3	450	OK	13/11/2015
585	SPIROMETER	2	600	OK	13/11/2015
586	TONOMETER	5	8000	OK	13/11/2015
587	HYDROMETER	10	450	OK	13/11/2015
588	VISCOMETER	10	350	OK	13/11/2015
589	OSMOMETER	10	2900	OK	13/11/2015
590	STALAGMOMETER	12	420	OK	13/11/2015
591	STERILIZER	3	2550	OK	13/11/2015
592	HOT PLATE	3	1950	OK	13/11/2015
593	SPUTULA WITH WOODEN HANDLE	20	1200	OK	13/11/2015
594	MEASURING EQUIPMENTS	6	360	OK	13/11/2015

595	BARANCE	5	6000	OK	13/11/2015
596	PHYSICAL BALANCE	2	1900	OK	13/11/2015
597	CHEMICAL BALANCE	2	2500	OK	13/11/2015
598	STEVES	10	4300	OK	13/11/2015
599	WET GRINDER	1	14500	OK	13/11/2015
600	PYROMETER	4	1800	OK	13/11/2015
601	DISTILLATION APP. GLASS	1	9500	OK	13/11/2015
602	ENAMEL TRAYS	10	1900	OK	13/11/2015
603	NEWTON'S COLOUR WHEEL DISC	3	450	OK	13/11/2015
604	ARTERY MODEL	1	5800	OK	13/11/2015
605	EXCRETORY SYSTEM	1	2950	OK	13/11/2015



SHRI JAGDISHPRASAD JHABARMAL TIBREWALA
UNIVERSITYCHUDELA JHUNJHUNU
RAJASTHAN

Paramedical

LAB

Department of Paramedical

Paramedical Labs

Diploma in Medical Laboratory Technology Lab

Medical Laboratory Technology is a branch of medical science responsible for performing laboratory investigations relating to diagnosis, treatment and prevention of disease. With this course the basic aim is to provide knowledge and training to the candidates so that they can work in various lab settings.

Lab technologists are responsible for diagnosing, treating and preventing disease through clinical laboratory. The study deals with areas such as blood banking, clinical chemistry, haematology, immunology.



Diploma in Radiation Technology Lab

X-ray technologists are unique. You're trained in medical laboratory, X-ray procedures and electrocardiography, so you need to be comfortable working with medical imaging and laboratory equipment. X-ray Technology is an electromagnetic radiation that penetrates within the body and creates images of these structure on photographic film or a fluorescent screen which later used by doctor to understand concerned problems



Diploma in Blood Bank Technology Lab

The term blood banking refers to the collection, processing, preservation, preparation and distribution of blood and blood components and derivatives. The establishment where this procedure takes place is called a blood bank.

A related term which has been used synonymously nowadays with blood banking is immunohematology which is the study of blood – related antigens and antibodies as applied to situations such as blood transfusion and hemolytic disease of the newborn.

Prevention of antigen–antibody interaction in the body. This is accomplished by identifying those patients who have an antibody supplying blood which lacks the corresponding antigen.



Diploma in E.C.G. Technology

ECGs pick up heart signals through electrodes connected externally to specific locations on the body. The heart signals are generated by the body and have amplitudes of a few millivolts. The specific locations of the electrodes allow the heart's electrical activity to be viewed from different angles, each of which is displayed as a channel on the ECG printout. Each channel represents the differential voltage between two of the electrodes, or the differential voltage between one electrode and the average voltage from several electrodes. The different combinations of electrodes allow more channels to be displayed than there are electrodes.



Diploma in Dental Hygiene Technology Lab

Dental Laboratory Technology is both a science and an art. Since each dental patient's needs are different, the duties of a dental laboratory technician are comprehensive and varied. Although dental technicians seldom work directly with patients, except under the direction of a licensed dentist, they are valuable members of the dental care team.



Diploma in Medical Laboratory Technology

S. No.	Item Name	Quantity
1	Refrigerator	1
2	Centrifuge	(2-01)
3	Microscope	10
4	Hand Lens	2
5	Microtome	1
6	Histokinetic	1
7	Spirit Lamps	10
8	Sahil's Hemoblobinometer	(10-01)
9	Hot Air Oven Working	1
10	Stabilizers	1
11	Analitical Balance	1
12	Chemical Balance	1
13	Certified Weight box	1
14	Ph Meter	1
15	Hot Plates	21
16	Desiccators	1

17	Incubator (2'*3')	1	
18	Timers	1	
19	Thermostatic water bath	2	
20	Improved Triple ruled neubauer		
21	Counting Chamber	(10-01 (TLC)	
22	Safety Spectacles	2	
23	Charts and Modles		
24	Chemicals ans Stains-	As per Standard	
25	Tripod stand and burner	5	
26	Autoclave	1	
27	VDRL Shaker	1	
28	VDRL Slide	5	
29	Loviband comparators	1	
30	Bacterial loop	10	
31	Thermometer up to 2000 Degree Celcius	2	
32	Candle Filter	1	

33	Charts : Models showing regions/parts of human body 2 sets of Histological slides and		
34			
35	Skeleton	1	
36	Sets of individual bones	1	
37	Blood group antigens: anto-a, Anti-B, Anti-D		
38	Lancets	1 Box	
39	Westergrins Tubes	5	
40	Wintrobe's Tubes	5	
41	Capillary Tubes (Hepari & Plain	3 Boxes Each	
42	Petri Dishes (diff. size)	50	
43	Pauster Pipettes	50	
44	Adjustable micro pipettes	1	
45	Funnels- different sizes	10	
46	Beakers-different sizes	10	
47	Measuring jars-different sizes	10	
48	Conical flasks	10	
49	Round bottom flask	10	

50	Watch glass	50	
51	Volumetric flask	10	
52	Test tube holder	20	
53	Centrifuge Tubes	50	
54	Folin Wu Tubes	10	
55	Test tube racks	20	
56	Serological Pipettes	20	
57	Glass rods (Diff. sizes)	20	
58	Rubber gloves	1 Box	
59	Surgical gloves	1 Box	
60	Rubber teats (Diff. sizes)	10	
61	Dropper bottles	20 Nos- 03 (60)	

Diploma in Medical X-Ray Technology

S. No.	Item Name	Quantity	
1	Mobile X-Ray machine	1	
2	Fixed 500 MA X-Ray machine	1	
3	Fixed 300 MA X-Ray machine	1	
4	CR/DR system	1	
5	Cassettes and Hangers in adequate number		

Diploma in Dental Mechanics Technology

S. No.	Item Name			
1	Mean value articulators.			
2	Semi-adjustable articulators			
3	Dental flasks with clamps			
4	Vacuum-mixer			
5	Chairs			
6	Cast-drying oven			
7	Centre grinder/palatal trimmer			
8	Lab hand piece with micro			

	motor		
9	Hanging motors 3500-4000		
10	High speed lathe		
11	Casting machine with crucible		
12	Casting furnace		
13	Casting rings		
14	Sanblaster		
15	Model trimmer 2000-8000		
16	Electrolytic polishing unit		
17	Micro motors		
18	Agar conditioner and duplicating flacks		
19	Surveyors		
20	Ceramic firing unit		
21	Pindex die pin attaching unit		
22	Die cutting unit		
23	Denture finishing kit		
24	Metal finishing kit		
25	Ceramic restoration finishing kit		