



SOMANATH EDUCATIONAL TRUST'S
S. B. PATIL INSTITUTE FOR DENTAL SCIENCES & RESEARCH
BIDAR – 585 402 (KARNATAKA)

(Affiliated to Rajiv Gandhi University of Health Sciences & Recognised by Dental Council of India)

Email: principalsbpdch@yahoo.co.in www.sbpatil dentalcollege.co.in

Ph.: 08482 232101-232588 Fax.: 08482-232101

Estd.: 1991

**4.2.1.1 LIST OF FACILITIES AVAILABLE FOR PATIENT CARE, TEACHING
LEARNING AND RESEARCH**

DEPARTMENT: PROSTHODONTICS AND CROWN & BRIDGE

SL NO:	NAME
1.	Dental Chairs and Units
2.	Semi adjustable articulator
3.	Extra oral/intra oral tracer
4.	Dewaxing unit
5.	Curing unit
6.	Dental casting machine
7.	Wax burnout furnace
8.	Pre heating furnace
9.	Surveying unit
10.	Heavy duty hand piece
11.	Autoclave
12.	Needle burner with syringe cutter
13.	Diagnostic Kits
	LAB
14.	Plaster dispenser
15.	Model trimmer with carborandum Disc
16.	Model trimmer with diamond disc
17.	High speed lathe
18.	Vibrator
19.	Acrylizer
20.	Dewaxing unit
21.	Hydraulic press
22.	Mechanical press
23.	Vacuum mixing machine
24.	Micro motor lab type
25.	Curing pressure pot
26.	Pressure molding machine
	CERAMIC AND CAST PARTIAL LABORATORY
27.	Duplicator
28.	Pindex system
29.	Burn-out furnace
30.	Welder
31.	Sandblaster
32.	Electro – polisher
33.	Model trimmer with carborandum disc
34.	Model trimmer with diamond disc
35.	Model trimmer with double disc (one Carborandum and one diamond disc)

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36.	Casting machine, motor cast with the safety door closure, gas blow torch with regulator
37.	Dewaxing furnace
38.	Induction casting machine with vacuum pump, capable of casting titanium chrome cobalt precision metal
39.	Spot welder with soldering, attachment of cable
40.	Steam cleaner
41.	Vacuum mixing machine
42.	Spindle grinder 24,000 RPM with vacuum suction
43.	Wax heater
44.	Wax carvers (Full PKT Set)
45.	Milling machine
46.	Stereo microscope
47.	Magnifying work lamp
48.	Heavy duty lathe with suction
49.	Preheating furnace
50.	Dry model trimmer
51.	Die cutting machine
52.	Ultrasonic cleaner
53.	Composite curing unit
	Ceramic Lab Equipment
54.	Fully programmable porcelain furnace with vacuum pump
55.	Ceramic kit (instruments)
56.	Ceramic materials (kit)
57.	Ceramic polishing kit

DEPARTMENT: CONSERVATIVE DENTISTRY AND ENDODONTICS

SL NO:	Name
1.	Dental Chairs and Units
2.	Rubber dam kits
3.	Restorative instruments kits
4.	R.C.T. instrument kits
5.	Autoclaves
6.	Ultrasonic cleaner
7.	Needle burner with syringe cutter
8.	Amalgamator
9.	Pulp Tester-Digital
10.	Apex Locator
11.	Glass bead sterilizers
12.	Intra-oral X-ray Unit
13.	Automatic Developer
14.	Radiovisiography
15.	Endo motor

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16.	Bleaching unit
17.	Magnification loops
18.	Injectable gutta percha
19.	Diagnostic Kits

PRE CLINICAL LABORATORY	
20.	Phantom lab unit
21.	Wax Burnout Furnace
22.	Centrifugal Casting Machine
23.	Heavy duty micromotor
24.	Gas cylinder and Oxygen cylinder with burner
CLINICAL LABORATORY	
25.	Plaster Dispenser
26.	Model Trimmer
27.	Lathe
28.	Lab Micromotor
29.	Ultrasonic cleaner
30.	Spindle Grinder
31.	Vibrator
32.	Burnout furnace
33.	Porcelain furnace
34.	Sandblasting Machine
35.	Lab Airrotor
36.	Pindex System
37.	Circular saw
38.	Vacuum mixer
39.	Pneumatic chisel
40.	Casting machine

DEPARTMENT: ORTHODONTICS

SL NO:	Name
1.	Dental Chairs and Units
2.	Unit mount scaler
3.	Autoclave
4.	X-ray viewers
5.	Ultrasonic Cleaner

LAB	
1.	Plaster dispenser
2.	Vibrator
3.	Model Trimmer
4.	Micromotor –
5.	Lathe

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6.	Welders
7.	Blue Torch
8.	Base Formers
9.	Typodont
10.	Set of Pliers
11.	Welder with soldering attachments
12.	Hydro solder
13.	Typodont articulator
14.	Pressure moulding machine

DEPARTMENT OF PERIODONTICS

SL NO:	Name
1.	Dental Chairs and Units
2.	Surgical instrument sets
3.	Autoclave
4.	Ultrasonic Cleaner
5.	Electro surgical cautery
6.	Needle burner with syringe cutter
7.	Laser
8.	Physio dispenser with implant kit
9.	X-ray Viewer (Extra Oral)
10.	Hand scaler Supra gingival
11.	Hand scaler Sub gingival
12.	Set of curettes
13.	Electro cautery Kit
14.	Periodontal Surgical Kit
15.	Diagnostic Kits

DEPARTMENT: PAEDIATRIC AND PREVENTIVE DENTISTRY

SL NO:	Name
1.	Dental Chairs and Units
2.	Autoclaves
3.	Ultrasonic cleaner
4.	Needle Burner with syringe cutter
5.	Amalgamator
6.	Pulp Tester-Digital
7.	Rubber dam kit for pedo
8.	Apex locator
9.	Endo motor
10.	Injectable gutta percha with condensation
11.	Radiovisiography
12.	Intra Oral Camera
13.	Scaling instruments

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14.	Restorative instruments
15.	Extraction forceps
16.	Intra-oral X-ray
17.	Diagnostic Kits
18.	RCT Instruments Kits
PEDO LAB	
19.	Plaster dispenser
20.	Model Trimmer
21.	Model Trimmer
22.	Welder with soldering attachments
23.	Vibrator
24.	Lab micro motor
25.	Dental Lathe
26.	Steam cleaner
27.	Pressure moulding machine
28.	Diagnostic Kits

DEPARTMENT: ORAL PATHOLOGY AND ORAL MICROBIOLOGY

SL NO:	Name
1.	Slides
2.	Slides Boxes
3.	Microscopes
4.	Microtome
5.	Wax bath
6.	Water bath
7.	Knife sharpner
8.	Hot plate
9.	Spencer knife
10.	Adequate slides projection system

DENTAL ANATOMY, DENTAL HISTOLOGY & ORAL PATHOLOGY LAB

SL NO:	HISTOPATHOLOGY ROOM
1.	Microscope
2.	Television
3.	Teaching slides set with box
4.	Education models & dental developmental set (Nissan like model)
5.	Microtome
6.	Wax Bath
7.	Water Bath
8.	Knife Sharpener
9.	Spencer Knife
10.	Disposable Blade

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11.	Hot Air Oven
12.	Organic Tissue Capsule
13.	Distilled Water Plant
14.	Diamond Tip Pencil
15.	Glass Dropper Bottle
16.	Glass Bottle With Lid
17.	Wide Mouth Bottles
18.	Glass Funnel
19.	Glass Pipette
20.	Glass Measuring Jar
21.	Petri Dish 4" Glass
22.	L Blocks
23.	Loop Holder
24.	Magnifying Glass
25.	Toothed Forceps
26.	Plastic Dropper
27.	Petri Dish 50mm Glass
28.	Gas burner/Spirit Lamp
29.	Processing Bottles
30.	Slide Warming Table
31.	Slide Drying Tray
32.	Slide Carrying Tray
33.	Staining Basket SS
34.	Staining Trough SS
35.	Staining Trough Glass
36.	Slide Staining Rack SS
37.	Slide Box
38.	Slides Storage Cabinet
39.	Wax Block Storing Cupboard
40.	Stop Watch

DEPARTMENT: ORAL MEDICINE AND RADIOLOGY.

SL NO:	Name
1.	Dental Chairs and Units
2.	Panoramic X-Ray (OPG) with Cephalometric
3.	Intra Oral X-ray Unit
4.	Pulp testers
5.	Automatic periapical X-ray Developer
6.	Automatic Panoramic with Cephalometric X-ray Printer
7.	X-ray viewer
8.	Radiovisiography with Intra Oral Camera
9.	General X-ray Unit
10.	Automatic Developers/Dark Room

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11.	Lead Aprons
12.	Lead Gloves
13.	Lead collar
14.	X-ray Hangers
15.	Diagnostic Kits
16.	Lead Screen
17.	Biopsy Kit
18.	Autoclave
19.	Needle Burner with Syringe Cutter
20.	CBCT
21.	Sailography equipment & Kit

DEPARTMENT: PUBLIC HEALTH DENTISTRY

SL NO:	NAME
1.	Dental Chairs and Units
2.	Autoclaves
3.	Ultrasonic cleaner
4.	Needle burner with syringe cutter
5.	Diagnostic Kits
MOBILE CLINIC	
6.	Mobile Dental Van with dental chairs & units
7.	Autoclaves
8.	Intraoral x-ray
9.	Glass bead sterilizers
10.	Compressor
11.	Metal Cabinet
12.	Portable dental chair
13.	Stabilizer
14.	Generator
15.	Water tank
16.	Oxygen cylinder
17.	Public address system
18.	TV and video cassette player
19.	Demonstration models

DEPARTMENT OF PHYSIOLOGY

SL NO:	HEMATOLOGY LAB
1	Microscopes
2.	Stage Incubator
3	Westergen's Pipettes For E.S.R. on Stand
4	Winrobes Pipettes
5.	Haemo Globinometer, Sahli's
6.	Haemocytometers

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7.	Sphygmomanometer
8.	Stethoscopes
9.	Refrigerator
10	Stop Watches
11	Ph Meter
12	Analytical Balance
13	Centrifuge R4c & R8c
14	Blood Cell Counters
15	Haematocrit Tubes
16	Glass Wares- Glass slide/ pipettes/ capillary tube/test tube/glass Rod
CLINICAL LAB	
1	Clinical Thermometers
2	Knee Hammer
3	Spirometer (Ordinary)
4	Mosso's Erograph
5	Ophthalmoscope
6	Dynamometer
7	Perimeter
8	Hair Aesthesiometer
9	Bicycle Ergrometer
10	Examination Couches
11	Steriliser
12	Weighing Machine
13	Height Chart
14	Snellen's Chart

DEPARTMENT OF BIOCHEMISTRY

CLINICAL LAB	
1.	Glass Wares Test tube/beaker/ measuring cylinder /glass rod/funnel/Amber bottle/plane bottle
2.	Micro pipettes
3.	Water bath
4.	Distillation Apparatus
5.	Fume Cupboard
6.	Balance for weighing chemicals
7.	Fridge for storage of fine chemicals
INSTRUMENT ROOM	
8.	Colorimeter
9.	Microscopes
10.	Electrophoretic Apparatus
11.	Urinometer
12.	Centrifuge

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13.	Incubator
14.	Hot air oven

_DEPT OF PHARMACOLOGY

_DEPT OF PHAR MACO LOGY	GLASS WARE
SL NO:	
1	Beakers
2	China Dish
3	Conical Flask
4	Funnel
5	Glass Rod Medium/Small
6	Measuring Cylinder
7	Measuring Cylinder 250ml
8	Measuring Cylinder 500ml
9	Mortar and Pestle
10	Pasteur pipette pack of 100
11	Pipette 1 ml
12	Pipette 2ml
13	Pipette 5 ml
14	Reagent bottle with lid – Narrow Mouth
15	Reagent bottle with lid – Narrow Mouth
16	Reagent bottle with lid – Wide Mouth
17	Reagent bottle with lid – Wide Mouth
18	Test Tubes (Medium)
19	Petri dish
20	Wash Bottle
21	Dropper Bottle
INSTRUMENTS	
1.	Transparent Dispensing Box
2.	Dispensing Balance
3.	Dispensing Weight box
4.	Electronic balance
5.	Mechanical pipette
6.	Sensitive Balance (Shimadzu)
7.	Sphygmomanometer
8.	Spirit lamp
9.	Test Tube Holders
10.	Test Tube Stand

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11.	Water bath
12.	Wax paper bundles

DEPT OF MICROBIOLOGY

SL NO:	CLINICAL LAB
1.	Microscopes monocular
2.	Microscope binocular
3.	Incubator
4.	Double Door Refrigerator
Preparation Room	
1.	Autoclave (Small)
2.	Electronic Balance
3.	Water Bath
4.	Anaerobic Jar
5.	Centrifuge
6.	Bio Safety Cabinet
7.	Hot Air Oven
8.	Hot Plate

DEPT OF GENERAL PATHOLOGY

A	GLASS WARE
1	Test tubes
2	Glass pipette
3	Conical flask
4	Coupling Jar
5	Wintrobe tubes
6	Dropper bottles
7	Capillary tubes
8	RBC pipette
9	Glass rods
10	Micropipettes
11	Hemometer pipette
B.	INSTRUMENTS
1	Microscopes
2	Incubator
3	Centrifuge
4	Hemocytometer
5	Hemometer
6	Water bath
7	Electronic weigh scale
8	Sprit lamp
9	Test tube stand
10	ESR stand
11	Laboratory thermometer

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12	Counting chamber
13	Sphygnomanometer
14	Lancets
15	Stethoscope
16	Clinical thermometer

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