



MNR DENTAL COLLEGE AND HOSPITAL

“NAAC ACCREDITED”

(Recognized by MH&FW, Govt. of India & Affiliated to KNR University of Health Sciences)

MNR Nagar, Narsapur Road, Fasalwadi, Sangareddy 502294, Telangana State, India
Ph: (0845)2306675, 233333, Mobile: 8500056668, Fax : (08455)230533/230555/230699

E-mail: mnrdc@mnrindia.org; Website: www.mnrindia.org

**MNR FACILITIES FOR PATIENT CARE,
CLINICAL TEACHING –LEARNING &
LABORATORY**



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LIST OF FACILITIES AVAILABLE FOR PATIENT CARE, TEACHING LEARNING & LABORATORY

PATIENT CARE:

- RECEPTION
- BILLING
- OUT PATIENT DEPARTMENTS:-
 - 1 Department of Oral Medicine & Radiology
 - 2 Department of Conservative and Endodontics
 - 3 Department of Prosthodontics
 - 4 Department of Oral & Maxillofacial Surgery
 - 5 Department of Orthodontics & Orthopaedics
 - 6 Department of Periodontology
 - 7 Department of Oral Pathology & Microbiology
 - 8 Department of public Health Dentistry
 - 9 Department of Pedodontics
- DIAGNOSTIC LABORATORIES
- MOBILE DENTAL VAN
- DIGITAL OPG MACHINE
- SOFT TISSUE LASER
- CBCT
- ENDODONTIC MICROSCOPE

TEACHING –LEARNING:

- ICT ENABLED CLASSROOMS: 5
- ICT SEMINAR HALLS: 9
- VIDEO CENTER: 1


PRINCIPAL
MNR Dental College & Hospital
MNR Nagar, Narsapur R.
SANGAREDDY DIST. - 502 294

- CENTRAL LIBRARY
- MNR AUDITORIUM
- MUSEUM
- ANIMAL HOUSE
- HERBAL GARDEN

LABORATORY:

- PRECLINICAL PROSTHODONTICS LAB: 1
- PRECLINICAL CONSERVATIVE LAB: 1
- DENTAL MATERIALS LAB: 1
- PRECLINICAL ORTHODONTIC LAB: 1
- ORAL PATHOLOGY & HISTOPATHOLOGY LAB: 1
- CENTRAL RESEARCH LAB: 1



PRINCIPAL

MNR Dental College & Hospital
MNR Nagar, Narsapur Road,
SANGAREDDY Dist. - 502 294 (T.S.)



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DEPARTMENT OF PROSTHODONTICS AND CROWN & BRIDGE

EQUIPMENT LIST (P.G)

NAME	SPECIFICATION	Availability
Electrical Dental Chairs and Units	With shadowless lamp, spittoon, 3 way syringe, instrument tray and suction, micromotor, airtor	11
Articulators – Semi adjustable	With Face-bow	6
Airtor & Airmotor Handpieces		6
Micromotor – (Lab Type)		2
Ultrasonic Scaler		4
Light Cure		2
Sterilization : - Hot Air oven		1
Autoclave		1
Surveyor		2
Refrigerator		1
X-ray viewer		2
Pneumatic crown remover		2
Needle destroyer		1
Clinical Lab for Prosthetics		
Plaster Dispenser		2
Model Trimmer with Carborandum Disc		1
Model Trimmer with Diamond Disc		1
Lathe		2
High Speed lathe		2
Vibrator		2
Acrylizer		1
Dewaxing Unit		1
Hydraulic Press		1
Mechanical Press		1
Vacuum Mixing machine		1

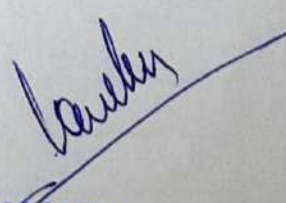
Micro motor lab type		2
Curing pressure pot		1
Pressure molding machine		1
Chrome – Cobalt Lab Equipment		
Duplicator		1
Pindex System		1
Burn-out furnace		2
Welder		1
Sandblaster (micro & macro)		2
Electro – Polisher		1
Model Trimmer with Carborandum Disc		1
Model Trimmer with Diamond Disc		1

Model Trimmer with Double disc one Carborandum and one Diamond Disc		1
Casting Machine Motor Cast with the safety door closure Gas blow torch with Regulator		1
Dewaxing Furnace		1
Induction Casting Machine with Vacuum pump, capable of casting Titanium Chrome Cobalt precision Metal		1
Programmable Porcelain Furnace with Vacuum pump		1
Spot Welder with Soldering, attachment of Cable		1
Steam Cleaner		1
Spindle Grinder 24,000 RPM with Vacuum Suction		1
Wax Heater		2
Wax Carver		2
Milling Machine		1
Stereo Microscope		1
Magnifying Work Lamp		1
Heavy duty lathe with suction		1
Preheating furnace		1
Dry model Trimmer		1
Die cutting machine		2
Ultrasonic cleaner		1
Composite curing unit		1
Ceramic Lab Equipment		
Ceramic Furnace		1
Ceramic Kit (instruments)		6

Ceramic Material		1
Implant Equipment		
Implant Kit		2
Implants		25
Prosthetic Components		25
Unit Mount Light Cure		2
X-ray Viewer		2
Ultrasonic Cleaner		1
Implant Micro Surveyor		1
Camera		1
Electrical Dental chairs and Units		2
Strengthen Unit		1
X-ray Machine		1
Short cycle autoclave		1
Refrigerator		1
Surgical Kit		2
Sinus lift instruments set		1
Educating Models		1

LABORATORY EQUIPMENT		
Equipments for casting procedures including induction casting machines/ burnout preheat furnaces/ wax elimination furnaces		1
Equipments for ceramics		1
Lab micro motor/ metal grinders / sand blasters/ polishing lathes/ duplicator equipment/ vacuum investment equipments		1 Set


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PROFESSOR & HOD
DEPARTMENT OF PROSTHODONTICS
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DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS

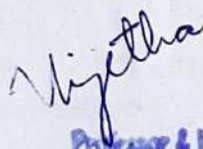
EQUIPMENT LIST (P.G)

NAME	SPECIFICATION	Availability
Dental Chairs and Units	Electrically operated with shadowless lamp, spittoon, 3 way syringe, instrument tray and suction, micromotor, airtor, light cure	11
ENDOSONIC HANDPIECES		2
Mechanized rotary instruments including hand pieces and hand instruments		3
Glass bead sterilizers		3
Autoclaves for bulk instrument sterilization Vacuum preferably		2
Autoclaves for hand piece sterilization		2
Apex locators		2
Equipments for injectable thermoplasticized gutta percha		2
pressurized local anaesthesia		2
Operating microscopes	Desirable	1
Pickling kits		2
Surgical endo kits		2
Low speed high torque motors		2
Torque control hand pieces		2
Set of hand instruments		2
Sterilizer trays		4

Variable Intensity Polymerization equipments VLC units		2
Conventional VLC units		1
LCD projector		1
Overhead projector		1
Computer with Internet Connection with attached Printer & Scanner		1
Clinical micro motors		2
High speed hand pieces		2
Composite kits with different shades and polishing kits		3
Ceramic finishing kits		2
Amalgam finishing kits		2



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Professor & Head
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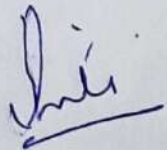
Department of Oral Pathology & Microbiology

EQUIPMENT LIST (P.G)

NAME	SPECIFICATION	Availability
ESSENTIAL EQUIPMENTS		
Dental Chairs and Units	Electrically operated with shadow less lamp, spittoon, 3 way syringe, instrument tray and suction	9
Adequate laboratory glassware's as required for processing of biopsy specimens & staining.		Available
Tissue capsules / Tissue embedding cassettes		25
Paraffin wax bath (thermostatically controlled)		1
Leuckhart pieces		10
Block holders		25
Semautomatic microtome		1
Automatic Microtome knife Sharpner		1
Tissue floatation water bath		1

(thermostatically controlled)		
Slide warming table		1
Steel slide racks for staining		3
Diamond glass marker		2
Research microscope with phase contrast, dark field, polarization, CCTV & photomicrography attachments		1
Binocular Compound Microscope		13
Aluminum slide trays		5
Wooden / Plastic slide boxes		5
Wax block storing cabinet		1
Slide storing cabinet		1
Refrigerator		1
Micropipettes		2
Computer with Internet Connection with attached Printer & Scanner		1
DESIRABLE EQUIPMENT		
Fluorescent Microscope		
Image analysis software		1
Microwave		1


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Prof & HOD
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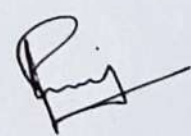
DEPARTMENT OF ORAL & MAXILLOFACIAL SURGERY

EQUIPMENT LIST (P.G)

NAME	SPECIFICATION	Availability
Dental chairs and units	Electrically operated with shadowless lamp, spittoon, instrument tray and high vacuum suction, micromotor /Air motor	11
Autoclave	Front loading	2
Fumigators		1
Oscillating saw	With all hand pieces	1
<i>Surgical instruments</i>		
A. General surgery kit		2
B. Tracheotomy kit (with set of disposable tubes consisting of six)		1
C. Minor oral surgery kit		3
D. Osteotomy kit		1
E. Cleft surgery kit		1
F. Bone grafting kit		1
G. Emergency kit		2
H. Trauma set including bone plating kit		2
I. Implantology kit (standard/imported ISI approved)		2
Distraction osteogenesis kit (desirable)		1
Operating microscope and Microsurgery kit (desirable)		1
Dermatomes		2
Formalin chamber		1
Pulse oxymeter		1
Ventilator		1
Major operation theatre with all facilities		1

Recovery I.C.U. with all necessary life support equipments		2 beds
Fiber optic light		1
Inpatient beds		20
Computer with Internet Connection with attached Printer & Scanner		1


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DEPARTMENT OF PERIODONTOLOGY

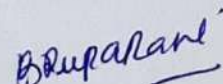
EQUIPMENT LIST (P.G)

NAME	SPECIFICATION	Availability
Dental Chairs and Units	Electrically operated with shadowless lamp, spittoon, 3 way syringe, instrument tray and suction, micromotor, ultrasonic scaler	11
Table top Auto Clave		1
Auto Clave		1
Steel bin		4
W.H.O Probe		1
Nabers Probe		1
Williams Probe		1
Gold Man Fox Probe		1
Marquis color coded Probe		1
Supra gingival scalers	set	2
Sub gingival scalers	set	2
Surgical Instruments		
Routine Surgical Instrument kit	set	2
Surgery Trolleys		6
Electro surgical unit		1
Piezo surgical unit		1
Kirkland's Knife	set	1
Bucks Knife	set	1

Orban Knife	set	1
Paquette Blade Handle		1
Pocket Marker	set	1
Universal curettes	set	1
Graceys curettes	set	1
Krane Kaplan		1
Cumine Scalar		1
Mallet		1
Oschenbain Chisel		1
Schluger Bone File		1
Bone File		1
Bone regenerative materials		Bone graft and GTR membranes Depending on need
Micro Needle Holder		1
Micro Scissor		1
Magnifying Glass		1

Miscellaneous Instruments		
Composite Gun and Splinting material		1
Digital camera and intra-oral camera		1
Emergency kit		1
Refrigerator		1
X-ray viewer		1
LCD projector		1
Computer with Internet Connection with attached Printer & Scanner		1


Principal
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 Dept. of Periodontics and Implantology
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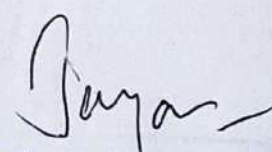
DEPARTMENT OF ORTHODONTICS & DENTOFACIAL ORTHOPEDICS

EQUIPMENT LIST (P.G)

NAME	SPECIFICATION	Availability
Dental Chairs and Unit	Electrically operated with shadow less lamp, spittoon, 3 way syringe, instrument tray and suction	11
Vacuum/Pressure Moulding Unit		1
Soldering torches		4
Lab Micromotor		4
Spot Welders		4
Model Trimmer(Double Disc)		2
Light Curing Unit		2
Polishing Lathes		2
Tracing Tables		3
Digital Camera		1
Computers with all accessories and software for orthodontic image manipulation		1
Scanner with transparency adapter		1
X-ray Viewer		5
O.H.P.		1
LCD Projector		1
Autoclave – microprocess based, Wet & Dry. High & Low Cycle		1
Vacuum mixer		1
Vibrators		2
Plaster dispensers		2

Dry Heat Sterilizer		1
Ultrasonic Scaler		1
Sets of Orthodontic Pliers		6 sets
Orthodontic Impression trays		4 sets
Ultrasonic tray cleaner		1
Typodonts with full teeth set		6
Anatomical Articulator with face bow attachments		1
Three Plane Articulators		1
Hinge Articulators		5
Hydro soldering Unit		1
Electro polisher		1


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DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY

EQUIPMENT LIST (P.G)

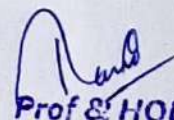
NAME	SPECIFICATION	Availability
Dental Chairs and Units	Electrically operated with shadow less lamp, spittoon, 3 way syringe, instrument tray and suction	11
Intra Oral Radiography Machine	55-70 kVp with Digital Compatibility	1
Extra Oral Radiography machine	100 kVp	1
Panoramic Radiography (OPG) Machine with	Digital Compatibility	1
Intra-Oral Camera		1
Pulp Tester		2
Autoclave		2
Punch Biopsy Tool		2
Biopsy Equipment		2
Surgical Trolley		2
Emergency Medicines Kit		1
Extra Oral Cassettes with Intensifying Screens (Conventional & Rare Earth)		4
Lead Screens		2
Lead Aprons		2
Lead Gloves		2
Radiographic Filters (Conventional & Rare Earth)		1
Dark Room with Safe light facility		1

Automatic Radiographic Film Processors		2
Radiographic Film storage Lead Containers		1
X-ray Viewer boxes		2
Lacrima Probes		2 sets
Sialography Cannula		2 sets
Computer with Internet Connection with attached Printer & Scanner		1
Illuminated Mouth Mirror & Probe		2



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DEPARTMENT OF PAEDIATRIC AND PREVENTIVE DENTISTRY

EQUIPMENT LIST (P.G)

NAME	SPECIFICATION	Availability
Dental Chairs and Units	Electrically operated, spittoon attachment, Halogen Light with 2 intensity, high power motorized evacuation system, Air rotor with miniature hand piece, Micro motor with miniature contrangle Hand piece, 3 way syringe, ultrasonic scaler with 3 tips, light cure unit LED based heat free, X-ray viewer, instrument tray, Dental Operator's stool with height adjustment (40% should pedo chair)	11
Rubber Dam Kit		1 set per P.G. Student
Pedo extraction forceps		2 sets
Adult extraction forceps		2 sets
Amalgamator		1
Endomotor		1
Injectable GP condensation		1
Pulp Tester		2
Apex Locator		2
SS crown kit		4

Poly carbonate / strip crown kit		4
Endodontic pressure syringe		2
X-ray Viewer		1
Hydro solder		1
Spot welder		2
Chemo mechanical caries removal system		2
Typhodont		1
Pliers i) Band forming ii) Band pinching iii) Ball and socket (No. 112) iv) Band removing v) Proximal contouring (No. 114) vi) Crimping plier		2
Computer with internet, Scanner and Printer	Pentium IV	1
Sterilization i) Autoclave ii) Glass bead sterilizer iii) Ultrasonic cleaner iv) Needle destroyer v) Fomalin chamber	Front loading	1 3 2 2 2
RVG		1
X-ray machine		1
Automatic developer		1
Conscious sedation unit	(Desirable)	1
Electronic anaesthesia		1
Pulse oxymeter		1
Emergency drugs tray		1
Magnifying loupes		3
Phantom table with phantom heads with attached light, airtor and micromotor		3
Plaster dispenser	1 for plaster and 1 for stone	2
Vibrator		2

Model trimmer	(double disc one diamond and one carborandum disc)	1
Lab micromotor		2
Acrylizer		1



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PROSTHODONTICS AND CROWN & BRIDGE

EQUIPMENT LIST (U.G)

NAME	SPECIFICATION	AVAILABLE
Dental Chairs and Units	As per specification	34
Semi adjustable articulator	With face bow	2
Extra oral/intra oral tracer		2
Dewaxing unit		2
Curing unit		2
Dental casting machine		1
Wax burnout furnace		1
Pre heating furnace		1
Surveying unit		2
Heavy duty hand piece	Lab micromotors	4
Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	2
Needle burner with syringe cutter		2
Plaster Dispenser	One each for plaster and stone plaster	2
Model Trimmer with Carborandum Disc		1
Model Trimmer with Diamond Disc		2
Acrylizer		3
Lathe		2
Flask press		4
Deflasking unit		4
Dewaxing unit		3
Hydraulic Press		3
Mechanical Press		2
Vacuum mixing machine		1
Lab Micro motor	With heavy duty handpiece	4
Curing pressure pot		1
Porcelain furnace		2
Vibrator		2
Sand blasting unit		2
Ultrasonic cleaner		2
Model Trimmer		4
Hot water sterilizer		2

Geyser		2
H.P. grinder with suction	Compound bath	3
Heavy duty lathe		2
Phantom heads	Gas connection & bunsen burner	50
Pre-clinical working tables		100

CERAMIC AND CAST PARTIAL LABORATORY

NAME	SPECIFICATIONS	Available
Plaster Dispensor	One each for plaster and stone plaster	2
Duplicator		1
Pindex System		1
Circular saw		1
Burn out furnace		1
Sandblasting machine	With two containers	1
Electro-polisher		1
Model Trimmer with Carborandum disc		1
Model Trimmer with Diamond disc		1
Induction casting machine		1
Programmable porcelain furnace with vacuum pump with instrument kit and material kit		1
Spot welder with soldering, attachment of cable		1
Vacuum mixing machine		1
Steam Cleaner		1
Spindle Grinder 24,000 RPM with vacuum suction		1
Wax heater		1
Wax carver		1
Curing pressure pot		1
Milling machine		1
Heavy duty lathe with suction		1
Preheating furnace		1
Palatal trimmer		1
Ultrasonic cleaner	5 liters capacity	1
Composite curing unit		1
Micro surveyor		1
PRE-CLINICAL PROSTHETICS LABORATORY	Work table preferably complete stainless steel fitted with light, Bunsen burner, air blower, working stool. Adequate number of lab micro motor with attached hand piece	60 20

PLASTER ROOM FOR PRE-CLINICAL WORK		
Plaster dispenser	One each for plaster and stone plaster	2
Vibrator		2
Lathe		2
Model Trimmer		1
Carborandum Disc		1
Diamond disc		1


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CONSERVATIVE DENTISTRY AND ENDODONTICS

EQUIPMENT LIST (U.G)

NAME	SPECIFICATION	AVAILABLE
Dental Chairs and Units	As per specification	34
Rubber dam kits		6
Restorative instruments kits		10
R.C.T. instrument kits		10
Autoclaves	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	3
Ultrasonic cleaner	Minimum capacity 13 liters with mesh bucket	2
Needle burner with syringe cutter		4
Amalgamator	With auto proportion, auto dispenser	3
Rubber dam kits		6
Pulp Tester-Digital		4
Apex Locator		2
Glass bead sterilizers		6
Plaster dispensers		2
Vibrator		2
Ceramic Unit		1
Casting machine		1
Intra-oral X-ray Unit	Proper radiation safety	1
Automatic Developer		1
Radiovisiography	RVG with Computer	1
Endo motor	With torque control Hps	1
Bleaching unit		1
Magnification loops		2
Injectable gutta percha		2
PHANTOM LAB UNIT	Phantom Table fitted with Halogen Operating Light Phantom Head body type neck joint for all the movement, TMJ movement. Modular with Air rotor, Micro motor with contra angle Hps, 3-way syringe, jaw with ivory teeth, preferably soft gingival, dental operator's stool (not to use extracted or cadaver teeth).	60

CHEMICAL LABORATORY

Plaster Dispenser	One each for plaster and stone plaster	2
Model Trimmer	Carborandum disc	1
	Diamond disc	1
Lathe	Heavy Duty	2
Lab Micromotor	With heavy duty handpiece	3
Ultrasonic cleaner	Minimum capacity 5 liters	1
Spindle Grinder		1
Vibrator		2
Burnout furnace		1
Porcelain furnace		1
Sandblasting Machine		1
Lab Airrotor		1
Pindex System		1
Circular saw		1
Vacuum mixer		1
Pneumatic chisel		1
Casting machine	Motor cast/induction casting preferred	1


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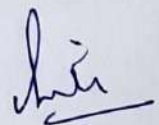
DENTAL ANATOMY, DENTAL HISTOLOGY & ORAL PATHOLOGY LAB DCI UG EQUIPMENT LIST

S.NO.	NAME	SPECIFICATION	AVAILABLE
A] DENTAL ANATOMY, DENTAL HISTOLOGY AND ORAL PATHOLOGY			
1	Microscope		50
2	Television	With USB port For displaying slide	1
3	Teaching slides set with box		3 Sets
4	Education models & dental developmental set (Nissan like model)		3

B] HISTOPATHOLOGY LAB			
1.	Microtome	Manual/automatic	1
2.	Wax Bath		1
3.	Water Bath		1
4.	Knife Sharpener		1
5.	Spencer Knife		1
6.	Disposable Blade		1set
7.	Hot Air Oven		1
8.	Distilled Water Plant		1
9.	Diamond Tip Pencil		1
10.	Glass Dropper Bottle		5
11.	Glass Bottle With Lid		5
12.	Wide Mouth Bottles		5
13.	Glass Funnel		5
14.	Glass Pipette		5
15.	Glass Measuring Jar		3+ 1(plastic)
16.	Petri Dish 4" Glass		4
17.	L Blocks		3 sets
18.	Loop Holder		3
19.	Magnifying Glass		1
20.	Toothed Forceps		3
21.	Plastic Dropper		5
22.	Petri Dish 50mm Glass		5

23.	Gas burner/Spirit Lamp		1
24.	Processing Bottles		5
25.	Slide Warming Table		1
26.	Slide Drying Tray		1
27.	Slide Carrying Tray		4
28.	Staining Basket SS		1
29.	Staining Trough SS	Stainless steel	1
30.	Staining Trough Glass		1
31.	Slide Staining Rack SS	Stainless steel	1
32.	Slide Box		1
33.	Slides Storage Cabinet		1
34.	Wax Block Storing Cupboard		1
35.	Stop Watch		1
C			
36.	Microscope -Trinocular	With all attachments	1
37.	Colour Printer		1
38.	Desktop Computer		1


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ORAL & MAXILLOFACIAL SURGERY

EQUIPMENT LIST (U.G)

A) EXODONTIA

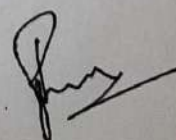
NAME	SPECIFICATION	AVAILABLE
Dental Chairs and Units	As per specification	30
Autoclaves	Front loading Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	2
Ultrasonic Cleaner	Minimum capacity 13 liters with mesh bucket	2
Needle burner with syringe cutter		6
Extraction forceps sets	Complete set	20
Dental elevators	Complete set	10
Minor Oral surgery kits		6
Emergency drugs tray		1
Oxygen cylinder with mask		1
X-ray viewers		2
Computer	Minimum Pentium IV	1

B) MINOR SURGERY

Dental Chairs and Units	As per specification	5
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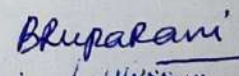
PERIODONTOLOGY

EQUIPMENT LIST (U.G)

NAME	SPECIFICATION	AVAILABLE
Dental Chairs and Units	As per specification	34
	Note: Atleast 25% of the units should have the Airpolisher.	
Scaling instrument sets		10
Surgical instrument sets		6
Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	3
Ultrasonic scaler	Minimum capacity 13 liters with mesh bucket	2
Electro surgical cautery		1
Needle burner with syringe cutter		6
LASER	Soft tissue laser	1
Surgical motor with physio dispenser		1


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ORTHODONTICS & DENTOFACIAL ORTHOPEDICS

EQUIPMENT LIST (U.G)

NAME	SPECIFICATION	AVAILABLE
Dental Chairs and Units	As per specification	18
Unit mount scaler		5
Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	2
Ultrasonic Cleaner	Minimum capacity 13 liters with mesh bucket with digital timer	2
ORTHO LAB		
Plaster dispenser	One each for plaster and stone plaster	2
Vibrator		2
Model Trimmer		2
Micromotor -	heavy duty	4
Lathe		2
X-ray viewers		2
OPG with cephalostat	If available in radiology its is adequate.	1
Welders		4
Blue Torch		1
Base Formers		4
Typodont		4
Set of Pliers		10
Welder with soldering attachments		1
Hydro solder		1
Typodont articulator	With metal teeth wax rim of Class I, II, III	4
Pressure moulding machine		1

[Signature]
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ORAL MEDICINE AND RADIOLOGY

EQUIPMENT LIST (U.G)

NAME	SPECIFICATION	AVAILABLE
	(Space allocation for each Dental chair 100 Sq Ft in all the Departments)	
Dental Chairs and Units	As per specification	12
Panoramic X-Ray with Cephalometric	Preferably digital	1
Intra Oral X-ray Unit	70 KV , 8mA, high frequency preferably Digital timer	3
Pulp testers	Digital	3
Automatic periapical X-ray Developer		1
Automatic Panoramic with Cephalometric X-ray Developer		1
X-ray viewer	For Panoramic and Cephalometric films	2
Radiovisiography	Digital Intra X-ray System with one Sensor and Software	1
General X-ray Unit		1
Ortho Pantmograph	preferably digital	1
Automatic Developers/ Dark Room		2
Lead aprons		2
Lead Gloves		1
X-ray Hangers		6
X-ray viewers		2
Diagnostic Kits	Mouth mirror, dental probe, college tweezers	40
Lead Screen		1
Biopsy Kit		1
Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	2
Computers	Minimum Pentium -IV	1
Intra Oral Camera	With High resolution	1
Needle Burner with Syringe Cutter	PRINCIPAL	2

MNR Dental College & Hospital

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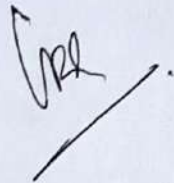
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PAEDIATRIC AND PREVENTIVE DENTISTRY

EQUIPMENT LIST (U.G)

NAME	SPECIFICATION	AVAILABLE
Dental Chairs and Units	As per specification (Pedo chair preferred)	20
Autoclaves	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters.	2
Ultrasonic cleaner	Minimum capacity 13 liters with mesh bucket with digital timer	2
Needle Burner with syringe cutter		3
Amalgamator		1
Pulp Tester-Digital		1
Rubber dam kit for pedo		5
Apex locator		1
Endo motor	With torque control HPs	1
Injectable gutta percha with condensation		1
Radiovisiography	Digital intra X-ray system with pedo sensor and software	1
Intra Oral Camera	With high resolution	1
Scaling instruments		10
Restorative instruments		10
Extraction forceps		10
Intra-oral X-ray		1
Automatic Developer		1
Computer	Minimum Pentium IV	1
Plaster dispenser	One each for plaster and stone plaster	2
Model Trimmer	With diamond disc	1
Model Trimmer	Double disc one diamond and one carborandum disc	1

Welder with soldering attachments		1
Vibrator		2
Lab micro motor	Heavy duty with Hps	3
Dental Lathe		1
Model Trimmer		1
Steam cleaner		1
Pressure moulding machine		1
Carborandum Disc		1
Diamond disc		1



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PUBLIC HEALTH DENTISTRY

EQUIPMENT LIST (U.G)

NAME	SPECIFICATION	AVAILABLE
Dental Chairs and Units	As per specification	16
Autoclaves	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters.	2
Ultrasonic cleaner	Minimum capacity 13 liters with mesh bucket with digital timer	2
Needle burner with syringe cutter		4
MOBILE CLINIC		
Mobile dental van	Mobile dental van with two dental chairs with all the attachments and adequate sitting space for 15 to 20 people	Available
Dental chair with unit	Hydraulically operated with spittoon attachment, halogen light with 2 intensity, air ventury suction, airrotor, micromotor, 3 way-scaler and light cure, x-ray viewer, instrument tray, operating stool.	Available
Autoclaves	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters.	1
Intraoral x-ray	Portable, 70 KV, 8mA	1
Glass bead sterilizers		1
Compressor	1.25HP	1
Metal Cabinet	With wash basin	1
Portable dental chair	Suitcase unit with airrotor, micromotor, scaler and compressor 0.25HP	2
Stabilizer	4KV	1
Generator	4KV	1
Water tank	400ltrs	1
Oxygen cylinder		1
Public address system		1
TV and video cassette player		1

HEAD OF
DEPARTMENT OF
PUBLIC HEALTH DENTISTRY

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