



MEGHNA INSTITUTE OF DENTAL SCIENCES

(Managed by : VELS EDUCATION SOCIETY)

Permitted by Govt. of India, Ministry of Health & F.W. (DE Section & DCI, New Delhi)

Affiliated to K.N.R. University of Health Sciences, Warangal (T.S)

Mallaram Vill., Varni Road, Nizamabad-503 003. (T.S) Ph : 9505445456

E-mail : info@meghnadentalcollege.ac.in Website : www.meghnadentalcollege.ac.in

DEPARTMENT OF PAEDODONTICS AND PREVENTIVE DENTISTRY

PG and UG Section

S.NO	NAME OF THE EQUIPMENT
1.	Electrical dental chair and unit
2.	Plastic dispenser
3.	Model trimmer
4.	Pedo extraction forceps sets
5.	Autoclave [front load]
6.	RVG with intraoral x-ray unit
7.	Automatic developer
8.	Pulp tester
9.	Apex locator
10.	Rubber dam kits
11.	Injectable GP condenser
12.	Endodontic pressure syringe
13.	Glass bead sterilizer
14.	Spot welder
15.	Ultrasonic scaler
16.	Needle destroyer
17.	Formaline chamber
18.	Ultrasonic cleaner capacity 3.5 lit
19.	Amalgameter
20.	Typodont
21.	Phantom heads
22.	Pulse oxymeter
23.	Magnifying loops
24.	Acrylers
25.	Double beak pliers
26.	Crown crimping
27.	Proximal contouring
28.	Band pinching beak pliers
29.	Welder with soldering attachments
30.	Vibrator
31.	Lab micro motor
32.	Dental lathe
33.	Model trimmer with diamond disc

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34.	Pressure moulding machine
35.	Computer with internet connection with attached scanner and printer
36.	LCD projector
37.	Refrigerator

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DEPARTMENT OF PROSTHODONTICS AND CROWN BRIDGE

PG and UG Section

S.no.	Name of the Equipment
1.	Electrical dental chair and units
2.	Articulators – semi adjustable/adjustable with facebow
3.	Micromotor
4.	Light cures
5.	Ultrasonic scaler
6.	Hot air oven
7.	Autoclave
8.	Surveyor
9.	Refrigerator
10.	X-ray viewer
11.	Pneumatic, crown bridge remover
12.	Needle destroyer
13.	Intraoral camera
14.	Digital SLR camera
15.	Computer with internet connection with attached printer and scanner
16.	LCD projector

CHROME –COBALT LAB EQUIPMENT

S.no	Name of the Equipment
1.	Duplicator
2.	Pindex system
3.	Burn-out furnace
4.	Welder
5.	Sandblaster
6.	Electro-polisher
7.	Model trimmer with carborandum disc
8.	Model trimmer with diamond disc
9.	Model trimmer with double disc [one carborandum and one diamond disc]
10.	Casting machine, motor cast with the safety door closure ,gas blow torch with regulator
11.	Dewaxing furnace
12.	Induction casting machine with vacuum pump ,capable of casting titanium chrome cobalt precision metal
13.	Spot welder with soldering, attachment of cable
14.	Steam cleaner
15.	Vacuum mixing machine
16.	Spindle grinder 24,000 RPM with vacuum suction

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17.	Wax heater
18.	Wax carvers [full PKT set]
19.	Milling machine
20.	Stereo microscope
21.	Magnifying work lamp
22.	Heavy duty lathe with suction
23.	Preheating furnace
24.	Dry model trimmer
25.	Die cutting machine
26.	Ultrasonic cleaner
27.	Composite curing unit
	<u>CLINICAL LAB FOR PROSTHESIS</u>
1.	Plaster dispenser
2.	Model trimmer with carborandum disc
3.	Model trimmer with diamond disc
4.	High speed lathe
5.	Vibrator
6.	Acrylizer
7.	Dewaxing unit
8.	Hydraulic press
9.	Mechanical press
10.	Vacuum mixing machine
11.	Micromotor lab type
12.	Curing pressure pot
13.	Pressure moulding machine
	<u>CERAMIC LAB EQUIPMENT</u>
1.	Fully programmable porcelain furnace with vacuum pump
2.	Ceramic kit [instruments]
3.	Ceramic materials [kit]
4.	Ceramic polishing kit
	<u>IMPLANT EQUIPMENT</u>
1.	Electrical dental chair and unit
2.	Physiodispenser
3.	Implant kit
4.	Implants
5.	Prosthetic components
6.	Unit mount light cure
7.	x-ray viewer
8.	Needle destroyer
9.	Ultrasonic cleaner capacity 3.5 lit
10.	Autoclave programmable for all recommended cycles
11.	x-ray machine with RVG
12.	Refrigerator
13.	Surgical kit/prosthetic kit
14.	Educating models
15.	Implant removing instruments

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DEPARTMENT OF BIOCHEMISTRY

S.no	Name of the Equipment
1.	Analytical balance
2.	Alimark
3.	Beakers • 1000ml • 500ml • 250ml • 100ml
4.	Bunsen burner
5.	Brown bottle
6.	Conical flask- 100 ml
7.	Digital colorimeter
8.	Compound microscope
9.	Droppers
10.	Enamel tray
11.	Funnel
12.	Glass rods
13.	Measuring cylinder • 10ml • 100ml • 25ml • 1000ml
14.	Pipettes • 1ml • 2ml • 5ml • 10ml
15.	Plastic tray
16.	Test tube brushes
17.	Reagent bottles • white 500ml • white 250 ml • white 150ml • brown
18.	Test tube
19.	Test tube holder
20.	Thermometer
21.	Tripod stand

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22.	Test tube stand
23.	Water bath
24.	Weight box
25.	Volumetric box • 250 ml • 100ml
26.	Weight balance
27.	Urinometer
28.	Incubator
29.	Ph meter
30.	Hot air oven
31.	Stop watch
32.	Distill water plant
33.	Binocular microscope

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DEPARTMENT: PUBLIC HEALTH DENTISTRY

S.No	Name of the Equipment
1	Dental chairs and units
2	Autoclaves
3	Ultrasonic cleaner
4	Needle burner with syringe cutter
5	Mobile clinic
6	Mobile dental van
7	Dental chair with unit
8	Autoclaves
9	Intraora xray
10	Glass bead sterilizers
11	Compressor
12	Stabilizer
13	Generator
14	Water tank
15	Oxygen cylinder
16	Public address system
17	TV and video cassette player
18	Demonstration models

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DEPARTMENT OF CONSERVATIVE DENTISTRY AND ENDODONTICS

PG Section

S.NO	NAME OF THE EQUIPMENT
1.	Dental chair and units
2.	Endosonic handpieces – micro endosonic tips, retro treatment
3.	Mechanical rotary instruments including hand pieces [[speed and torque control] and hand instruments various systems
4.	Rubber dam kit
5.	Autoclaves for bulk instruments sterilization vacuum [front loading]
6.	Autoclaves for hand piece sterilization
7.	Pulp tester
8.	Apex locators one for every two chairs
9.	Equipments for injectable thermoplasticized gutta percha
10.	Operating microscopes 3 step or 5 step magnification
11.	Surgical endo kits [microsurgery]
12.	Set of hand instruments [specifications required]
13.	Sterilizer trays for autoclave
14.	Ultrasonic cleaner capacity 3.5 lits
15.	Variable intensity polymerization equipments – VLC units
16.	Conventional VLC units one for every two chairs
17.	Needle destroyer
18.	Magnifying loupes one for students and one for faculty
19.	LCD projector
20.	A . composite kits with different shades B . polishing kits
21.	Ceramic finishing kits , metal finishing kits
22.	Amalgam finishing kits
23.	RVG with x-ray machine developing kit
24.	Chair side micro abrasion
25.	Bleaching unit
26.	Instrument retrieval kits
27.	Computer with internet connection with attached printer and scanner
28.	Refrigerator
29.	Equipment for casting procedures
30.	Equipment for ceramics including induction casting machines \ burn out pre heat furnaces/ wax elimination furnaces
31.	Lab micromotor/ Metal grinders / Sand blasters/ Polishing lathes/ Duplicator equipment /

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	Vacuum investment equipments
32.	Laser [preferably hard tissues]
33.	Face bow with semi adjustable articulator

UG Section

S.NO.	NAME OF THE EQUIPMENT
1.	Rubber dam
2.	Ultrasonic cleaner
3.	Glass bead sterilizer
4.	Syringe and needle destroyer
5.	Loops
6.	Gutta flow
7.	Fiberator
8.	Pulp tester
9.	Amalgamator
10.	Hand instrument kit
11.	Bleaching unit
12.	Endo motor
13.	Apex locator
14.	Autoclave

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DEPARTMENT OF ORAL MAXILLOFACIAL PATHOLOGY AND ORAL MICROBIOLOGY

S.no	Name of the Equipment
1.	Monocular microscopes
2.	Binocular microscopes
3.	Arkansa stone
4.	Incubator
5.	Instrument tray
6.	Induction stove
7.	Infrared thermometer
8.	Autoclave
9.	Kidney tray
10.	Knife sharper
11.	LCD TV
12.	Beakers
13.	L moulds
14.	Bp handle
15.	Loop holder
16.	Microtome
17.	Mouth mirror
18.	Coupling staining jars
19.	Museum jars
20.	Measuring cylinders
21.	Magnifying glass
22.	Processing jars
23.	Pipettes.
24.	Petridish
25.	Diamond marker
26.	Prob
27.	Plastic trays
28.	Enamel trays
29.	Paraffin wax batch
30.	Funnels
31.	Forceps
32.	Glass staining trays
33.	Glass rods
34.	Processing bottles
35.	Glass dropper bottle
36.	Glass dropper with lid
37.	Glass funnel

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38.	Glass measuring jar
39.	Slide wanning table
40.	Steel slide racks
41.	Slide drying trays
42.	Slide carrying trays
43.	Hot water batch
44.	Scissors
45.	Hot plate
46.	Slide box
47.	Surgical kit for biopsy
48.	Spirit lamp
49.	Tissue capsule
50.	Test tube holder
51.	Test tube stand
52.	Test tubes
53.	Tourniquet
54.	Table glass
55.	Twizzers
56.	SS tray with lids
57.	Tissue floating water bath
58.	Tooth forceps
59.	Staining glass
60.	Stop watch
61.	Spencer's knife
62.	Staining basket
63.	Slide staining racks
64.	Staining trough

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DEPARTMENT OF PHARMACLOGY

S.no	NAME OF THE EQUIPMENT
1.	Beakers
2.	Glass rod
3.	Measuring cylinder 100ml
4.	Measuring cylinder 50ml
5.	Pipette 5 ml
6.	Motor and pestel porcelain
7.	Pipette 1ml
8.	Pipette 2ml
9.	Water bath
10.	Dispensing weight box
11.	Dispensing balances
12.	Test tubes medium size

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DEPARTMENT OF ORTHODONTICS

PG and UG Section

S.no	Name of the equipment
1.	Dental chair and unit
2.	Dry heat sterilizer
3.	Light curing unit
4.	Model trimmer
5.	Micromotor
6.	Lathe
7.	X-ray viewers
8.	Tracing tables
9.	SLR digital camera
10.	Scanner with transparency adapter
11.	Typodont with full teeth set
12.	Set of pliers
13.	LCD projector
14.	Needle destroyer
15.	Typodont anatomical articulator
16.	Pressure moulding machine
17.	Orthodontic impressiontrays
18.	Spotwelder
19.	Unit mount scaler
20.	Autoclave
21.	Ultrasonic cleaner
22.	Electropolisher
23.	Hingearticulator
24.	Freeplanearticulator

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DEPARTMENT OF PERIODONTICS

UG SECTION

1.	Dental chairs and units
2.	Scaling instruments and sets
3.	Autoclave
4.	Ultrasonic scaler
5.	Electro surgical cautery
6.	Needle burner with syringe cutter
7.	Laser
8.	Surgical motor with physio dispenser

PG SECTION

9.	Dental chairs and units electrically operated with shadowless lamp, spittoon, 3way syringe, instrument tray, and motorized suction, micromotor attachment with contra-angle handpiece, airtor attachment, ultrasonic scaler(piezo)with detachable autoclavable hand piece
10.	Auto clave 9fullyautomatic) front loading
11.	Steel bin
12.	Airtor handpieces
13.	UV chamber
14.	Formalin chamber
15.	W.H.O probe
16.	Nabers probe
17.	Williams probe
18.	UNC-15 probe
19.	Gold mam fox probe
20.	Pressure sesitive probe
21.	Marquis color coded probe
22.	Supra gingival scalers
23.	Sub gingival scalers
24.	Arkansas sharpening stone
SURGICAL INSTRUMENTS	
25.	Routine surgical instrument kit (benquis periosteal elevator, periotome)
26.	Surgical trolleys
27.	X ray viewer
28.	Electro cautery unit

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SPECIAL SURGICAL INSTRUMENTS
29. Paquette blade handle
30. Krane kaplan pocket marker
31. Mc calls universal curettes
32. Gracey curettes (1-18)
33. Mini five curettes
34. Cumine scaler
35. Mallet
36. Chisel
37. Oschenbein chisel
38. Schulger bone file
39. Bone fixation screw kit
40. Bone scraper
41. Bone trephines for harvesting autografts
42. Bone regenerative materials
43. Local drug delivery system
44. Root conditioning agents
45. Micro needle holder
46. Micro scissors
47. Magnifying loupes (2.5-3.5)
48. Bone graft \membrane placement spoon
49. Bone condenser
50. Soft tissue laser(5 watt)
51. Osteotome
IMPLANT CLINIC EQUIPMENT
52. Electrical dental chair
53. Physio dispenser
54. Implant kit
55. Implants
56. Implant maintainance kit (plastic instruments)
57. Implant guide
58. Needle destroyer
59. Ultra sonic clear capacity 3.5 litres
60. Auto clave
61. Refrigerator
62. Surgical kit
63. Sinus lift kit
64. Educating models
65. Implant removal kit



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DEPARTMENT OF ORAL AND MAXILLOFACIAL SURGERY

UG SECTION

1.	Dental chairs and units
2.	Autoclaves
3.	Extraction forceps sets
4.	Dental elevators
5.	Minor oral surgery kits
6.	Emergency drug tray
7.	Oxygen cylinder mask

PG SECTION

1.	Dental chairs and units: Electrically operated with shadowless lamp , 3 way syringe instrument tray and high motorized suction,with micromotor attachment
2.	Autoclave
3.	Fumigator
4.	Oscillating saw
5.	Surgical instrumentms , general surgery kit including
	• Minor oral surgery kit
	• Osteotomy kit
	• Cleft surgery kit
	• Bone grafting kit
	• Trauma set including bone plating kit
	• Implantology kit with implants
6.	Dermatomes
7.	Needle destroyer
8.	Formalin chamber
9.	Pulse oximeter
10.	Ventilator
11.	In patients beds
12.	Computer with internet connection with attached printer and scanner
13.	Refrigerator

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DEPARTMENT OF PHYSIOLOGY

1. Sphygmomanometer – 10
2. Microscopes – 10
3. Heamoglobin test kits – 10
4. RBC/WBC counting neubauer kits -25

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