



D.A. Pandu Memorial R.V. Dental College®

Affiliated to Rajiv
Gandhi University of
Health Sciences,
Bengaluru, Karnataka

Recognised by Dental
Council of India, New Delhi
Accredited by NAAC
with 'A' Grade

Included under Section 2(F)
of the UGC ACT-1956

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Date :

4.2.1: List of facilities available for patient care, teaching learning and research

DAPM R V Dental College believes in creating an ideal environment for patient care, teaching learning and research activities in the institution. To full fill this objective, the institution provides state of art equipments and facilities. This infrastructure caters to the patient's treatment needs, students learning needs, teaching needs of the faculty and boosts the research environment in the institution. The clinical infrastructure in the institution fulfills the requirement stipulated by the regulatory bodies like Rajiv Gandhi University of Health Sciences and Dental Council of India. Apart from the stipulated requirements, the institution also spends on state of the art equipments which enhance the overall quality of education offered by the institution. The following is the list of equipments in each department.

Oral Medicine and Radiology

1. Dental chairs
2. CBCT unit
3. On demand CBCT soft ware
4. Panoramic unit with lateral cephalograph
5. Intraoral periapical radiography units
6. Digital intraoral periapical radiography sensors (PSP plates) with scanner.
7. Trans electric nerve stimulation machine (TENS)
8. Ultrasonography Unit with 2 probes
9. Digital salivary pH meter
10. Electric pulp tester
11. Digital blood pressure monitoring apparatus
12. Sphygmomanometer
13. X ray viewers
14. Front loading Autoclave
15. Intraoral camera
16. Airtor and micromotor handpieces
17. Desktops and laptops
18. Illuminted mouth mirrors and probes
19. Lead screen, lead apron, lead gloves, thyroid collar and gonadal shield
20. Sialography kit
21. Conventional Biopsy kit
22. Punch biopsy kit.
23. LCD projector
24. Refrigerator
25. Scanner

Department of Oral and Maxillofacial Surgery

1. Dental Chairs
2. Autoclave
3. Fumigators
4. Oscillating saw, Reciprocating, Saggital saw with module
5. General surgery kit including tracheotomy kit.
6. Minor oral surgery kit
7. Osteotomy kit
8. Cleft surgery kit
9. Bone grafting kit
10. Emergency kit
11. Trauma set including bone plating kit
12. Implantology kit with implants

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13. Distraction osteogenesis kit
14. Piezo surgical unit
15. Surgical Magnifying loops 3x
16. Dermatomes
17. Needle destroyer
18. Ultrasonic Cleaner capacity 3.5 lts
19. Formalin chamber
20. Pulse oxymeter/NIBP
21. Ventilator
22. Major operation theatre with all facilities as per MCI guidelines
23. Recovery and *Intensive Care Unit* with all necessary life support equipments
24. Fiber optic light
25. In-patient beds
26. Fiber optic laryngoscope
27. Computer with internet connection with attached printer and scanner
28. LCD projector
29. Refrigerator
30. X-ray viewers
31. Pulse Oxymeter
32. BP appartus
33. Stethoscope
34. Thermometer
35. Glucometer
36. Oxygen cylinder
37. Oxygen mask adult
38. Oxygen mask Pado
39. Impaction kit
40. Lab micromotor with handpiece
41. Trauma kit
42. High volume suction
43. Surgical straight hand piece

Department of Prosthodontics

1. Electrical Dental Chairs and Units
2. Articulators – semi adjustable/ adjustable with face bow
3. Micromotor
4. Ultrasonic scaler
5. Light cures
6. Hot air oven
7. Autoclave (front loading)
8. Surveyor
9. Refrigerator

Prayaga

10. X-ray viewer
11. Pneumatic, Crown bridge remover
12. Needle destroyer
13. Intra oral camera
14. Digital SLR camera
15. Computer with internet connection with attached printer and scanner
16. LCD projector
17. Plaster dispenser
18. Model trimmer with carborandum Disc
19. Model trimmer with diamond disc
20. High speed lathe
21. Vibrator
22. Acrylizer
23. Dewaxing unit
24. Hydraulic press
25. Mechanical press
26. Vacuum mixing machine
27. Micro motor lab type
28. Curing pressure pot
29. Pressure molding machine
30. D Flex flexible denture processing unit with accessories
31. Duplicator
32. Pindex system
33. Burn-out furnace
34. Welder
35. Sandblaster
36. Electro – polisher
37. Model trimmer with carborandum disc
38. Model trimmer with diamond disc
39. Model trimmer with double disc (one Carborandum and one diamond disc)
40. Casting machine, motor cast with the safety door closure, gas blow torch with regulator
41. Dewaxing furnace
42. Induction casting machine with vacuum pump, capable of casting titanium chrome cobalt precision metal
43. Spot welder with soldering, attachment of cable
44. Steam cleaner
45. Vacuum mixing machine
46. Spindle grinder 24,000 RPM with vacuum suction
47. Wax heater
48. Wax carvers (Full PKT Set)

Raymond

49. Milling machine
50. Dental Chairs and Units
51. Semi adjustable articulator
52. Extra oral/intra oral tracer
53. Dewaxing unit
54. Curing unit
55. Dental casting machine
56. Wax burnout furnace
57. Pre heating furnace
58. Surveying unit
59. Heavy duty hand piece
60. Autoclave
61. Needle burner with syringe cutter
62. Plaster Dispenser
63. Model Trimmer with Carborandum Disc
64. Model Trimmer with Diamond Disc
65. Acrylizer
66. Lathe
67. Flask press
68. Deflasking unit
69. Hydraulic Press
70. Mechanical Press
71. Vacuum mixing machine
72. Lab Micromotor
73. Hot water sterilizer
74. Geysar
75. Phantom heads
76. Pre-clinical working tables
77. Plaster Dispensor
78. Duplicator
79. Pindex System
80. Circular saw
81. Burn out furnace
82. Sandblasting machine
83. Electro-polisher
84. Model Trimmer with Carborandum disc
85. Model Trimmer with Diamond disc
86. Induction casting machine
87. Programmable porcelain furnace with vacuum pump with instrument kit and material kit
88. Spot welder with soldering, attachment of cable

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89. Vacuum mixing machine
90. Steam Cleaner
91. Spindle Grinder 24,000 RPM with vacuum suction
92. Wax heater
93. Wax carver
94. Curing pressure pot
95. Milling machine
96. Heavy duty lathe with suction
97. Preheating furnace
98. Palatal trimmer
99. Ultrasonic cleaner
100. Composite curing unit
101. Micro surveyor
102. Prime scan (Dentsply sirona)
103. T Scan
104. TScan Support
105. T Scan Sensors
106. Exocad Software (Licensed)

Department of Periodontics:

1. Dental Chairs and Units
2. Autoclave (fully automatic) front loading
3. Steel bin
4. Airoter hand pieces
5. UV chamber
6. Formalin chamber
7. W.H.O probe
8. Nabers probe
9. Williams probe
10. UNC-15 probe
11. Gold Man fox probe
12. Pressure sensitive probe
13. Marquis color coded probe
14. Supra gingival scalers
15. Sub gingival scaler
16. Arkansas sharpening stone
17. Routine surgical instrument kit (Benquis periosteal elevator, periodome)
18. Surgery trolleys
19. X ray viewer

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20. Surgical cassette with sterilisation pouches
21. Electro surgery unit
22. Kirkland's knife
23. Orban's knife
24. Paquette blade handle
25. Krane kaplan pocket marker
26. Mc Calls universal curettes
27. Gracey's curettes (No.1-18)
28. Mini five curettes
29. Cumine scaler
30. Mallet
31. Chisel
32. Oschenbein chisel
33. Schluger bone file
34. Bone fixation screw kit
35. Bone scrapper
36. Bone trephines for harvesting autografts
37. Bone regenerative materials
38. Local drug delivery systems
39. Root conditioning agent
40. Micro needle holder
41. Micro scissors
42. Magnifying loop (2.5 – 3.5)
43. Operating microscope
44. 3rd generation digital probe
45. Bone expander and bone crester
46. Distraction osteogenesis kit
47. Bone mill
48. Bone graft / membrane placement spoon
49. Bone condenser
50. Peizo-surgery unit
51. Centrifuge for PRP/PRF preparation
52. Soft tissue laser (8 watt)
53. Osteotome
54. Composite gun with material kit
55. Splinting kit with material
56. Composite finishing kit
57. Glass Ionomer filling instruments
58. Digital camera
59. Intra Oral camera

Prayag

60. Ultrasonic cleaner
61. Emergency kit
62. Refrigerator
63. X-ray viewer
64. LCD projector
65. Computer with internet connection with attached printer and scanner

Department of Oral and Maxillofacial pathology

1. Dental Chairs and Units
2. Adequate laboratory glassware's as required for processing of biopsy specimens and staining
3. Adequate tissue capsules / tissue embedding cassettes
4. Paraffin wax bath
5. Leuckhart pieces
6. Block holders
7. Microtome
8. Tissue floatation water bath
9. Slide warming table
10. Steel slide racks for staining
11. Diamond glass marker
12. Research microscope with phase contrast, dark field, polarization, image analyzer , photomicrography attachments
13. Multi head microscope
14. Binocular compound microscope
15. Stereo microscope
16. Aluminum slide trays
17. Wooden / plastic slide boxes
18. Wax block storing cabinet
19. Slide storing cabinet
20. Refrigerator
21. Pipettes
22. Surgical kit for biopsy
23. Immuno histo chemistry lab
24. Computer with Internet Connection with attached printer and scanner
25. LCD projector
26. Cryostat
27. Fluorescent microscope
28. Hard tissue microtome
29. Tissue storing cabinet (frozen)

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30. Microwave

Department of Conservative Dentistry and Endodontics

1. Dental chair with attachments
2. Motorized suction units
3. Chair side trolley with cabinets
4. Preclinical phantom head tables with all attachments
5. Autoclave
6. Light cure units
7. Glass Bead sterilizer
8. G P Cutter
9. Lead Screen
10. X – ray developer machine
11. Intraoral X – ray machine
12. X – ray viewer box
13. Pulp tester
14. Apex Locator
15. Iontophoresis device
16. Computer with multimedia
17. Amalgamator
18. Crown and bridge remover
19. Sonic air endo system
20. Reduction gear contra angle endo hand piece
21. Lead apron
22. Chair side air polisher unit
23. Ultra sonic cleaner
24. Needle Destroyer
25. Micromotor heavy duty
26. ORO 3.5X Loupe and Light
27. Vibrator
28. Plaster Dispenser
29. Micromotor H.P. (contra)
30. Micromotor H.P. (St)
31. Bleaching unit
32. Physio Dispenser
33. Semiadjustable Articulator
34. Airotor hand piece
35. Wax pot
36. Rubber dam kit
37. Ultrasonic Scaler
38. Endo Motor Whitez 9 Prog with LED Allure
39. Fiber optic Airotor HP
40. Surgical Endodontic Microscope
41. U V Light
42. Laser unit
43. Radiovisiography (vatech)

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44. Digora PSP Optima
45. Variable intensity LED unit
46. Tissue contouring system
47. Therma prep kit
48. Thermo-plasticized obturation system
49. Instrument retrieval system
50. Pressurized injection system
51. Intraoral suction unit
52. Air purifier
53. Ultra violet unit
54. Fumigation unit

Basic sciences

1. Chairs
2. Cupboard
3. Glass board
4. Practical tables
5. Revolving stool
6. Staff table
7. BP Apparatus
8. Centrifuge
9. Hot air oven
10. Incubator
11. Refrigerator
12. Microscope(monocular, binocular)
13. Laptop
14. Laptop projector
15. Printer(Canon)
16. Test tubes
17. Glass beakers
18. Glass slides
19. Test tube holders
20. Bunsen burners
21. Weighing balances
22. Glass bottles

Department of Orthodontics

1. Dental Chairs and Unit
2. Vacuum /pressure moulding unit
3. Hydrogen soldering unit
4. Lab micromotor
5. Spot welders
6. Model trimmer (Double disc)
7. Light curing unit
8. High intensity light curing unit
9. Polishing lathes

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10. Tracing tables
11. SLR digital camera
12. Scanner with transparency adapter
13. X-ray viewer
14. LCD projector
15. Autoclaves for bulk instrument Sterilization vacuum (Front loading)
16. Needle destroyer
17. Dry heat sterilizer
18. Ultrasonic scaler
19. Sets of Orthodontic pliers
20. Orthodontic impression trays
21. Ultrasonic cleaner capacity 3.5 lts
22. Electropolisher
23. Typhodonts with full teeth set
24. Anatomical articulator with face bow attachments
24. Free plane articulators
25. Hinge articulators
26. Computer software for cephalometrics
27. Computer with internet connection with attached printer and scanner
28. Mini Implant kit
29. Refrigerator
20. Solder Torch
31. Set of Pliers
32. Typhodont
33. Vibrator
34. Base Formers
35. Blow torch.

Department of Pediatric dentistry

1. Dental Chairs and Units
2. Pedo extraction forceps sets
3. Autoclaves for bulk instrument sterilization vacuum (Front loading)
4. RVG with intra oral x-ray unit
5. Automatic developer
6. Pulp tester
7. Apex locator
8. Rubber dam kit
9. Injectable GP condenser
10. Endodontic pressure syringe
11. Glass bead sterilizer
12. Spot welder
13. Ultrasonic scalers
14. Needle destroyer

Prayaga

15. Formalin chamber
16. Ultrasonic cleaner capacity 3.5 lts
17. X-ray viewer
18. Amalgamator
19. Plaster dispenser
20. Dental lathe
21. Vibrator
22. Typodonts
23. Soldering unit
24. Band pinching beak pliers
25. Proximal contouring pliers
26. Crown crimping pliers
27. Double beak pliers anterior and posterior
28. Lab micro motor
29. Acryliser
30. Magnifying loupes\
31. Conscious sedation unit
32. Pulse oxymeter
33. Phantom head table with attached Light, Airotor and micro motor
34. Computer with internet connection with attached printer and scanner
35. LCD projector
36. Refrigerator

Implant Clinic Equipments

1. Electrical dental chair and unit
2. Physio dispenser
3. Implant kit
4. Implants
5. Implant maintenance kit (plastic instruments)
6. Implant guide
7. X-ray viewer
8. Needle destroyer
9. Ultrasonic cleaner capacity 3.5 lts
10. \Autoclave programmable for all recommended cycles
11. RVG with x-ray machine
12. Refrigerator
13. Surgical kit
14. Sinus lift kit
15. Education models
16. Implant removing kit

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