



**INSPECTION PROFORMA FOR
BDS PERIODIC**

AS PER DCI REGULATIONS 2006

(All Points and parameters are to be verified and established in person by the designated Inspectors. All necessary documents to be verified by the Principal for submission along with the report)

No. of Seats applied for: **100**

I. SCRUTINY OF REQUISITE PERMISSIONS

Name & Address of the Dental College : Rajas Dental College & Hospital
Kavalkinaru Junction - 627105
Tirunelveli District.
Info@rajasdentalcollege.com

Email Address for Correspondence : 04637 - 231367

Telephone & Fax No. : 04637 - 231905

Status : Govt. / Private / Deemed

Year of Establishment : 1987

GOI Permission No. & Date : NA

State Government Essentiality/ Permission Certificate : Issued By: NA
No. & Date: NA
Valid Upto: NA

University Affiliation : Issued By: The Tamilnadu Dr. M.G.R. Medical University
(Provisional / Permanent)
No. & Date:
Proc. No. Affln.IV(2)/57346/2015 & 27.09.2016
Valid Upto: One Year

III. HOSPITAL: Requirement of the 100 bedded general hospital for teaching BDS students drawn up in accordance with the parameters prescribed by the Bureau of Indian Standards

Own Hospital Medical College Govt. General Hospital

Whether the permission of the attached 100 : Yes
bedded hospital is issued by the competent
authority?

Name and Full Address of Hospital:
Government Hospital,

Boothapandy, Kanniyakumari District

Name of the CMO with Tel No. & Mobile No.:

Dr. Ravi Kumar, 04652 - 282206, 283303, 9677326143

Name of the Issuing Competent Authority:

Dr. Ravi Kumar, Chief Civil Surgeon, Medical Officer,
Govt. Taluk Hospital, Boothapandy, Kanniyakumari District.

Distance of the hospital from the Dental College : 9.6km
by Road (please clarify as to whether you have
physically verified/taking the reading of
Taxi/Car Meter)

Number of Beds : Total: 101

Department	Required	Allotted	Occupancy	
			During last 6 months	On the day of inspection
General Ward - Medical including allied specialities	30	30	21%	20%
General Ward -Surgical including allied specialities	30	30	19%	25%
Private Ward (A/C & Non A/c)	9	9	6%	4%
Maternity Ward	15	15	11%	11%
Paediatric Ward	6	6	4%	4%
Intensive Care Services (4% of bed strength)	4	5	3%	3%
Critical Care Services (6% of bed strength)	6	6	2%	2%

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Area Requirements (As per Bureau of Indian Standards)

	Required	Available

Covered Area	20 sq.m./bed	Available
Inpatient Services	40%	Available
Outpatient Services	35%	Available
Department and supportive services	25%	Available

XI. DENTAL CHAIRS / UNITS*

Total Dental Chairs Installed with all the attachments : 275
thereon **(Required: 200 Dental Chairs)** _____

Whether all the chairs and units are functioning and : Yes / No
electrically operated?

Number of Dental Chairs Electrically Operated : 275

Number of Dental Chairs Non-Electrically Operated : -

- * **Specification:** Electrically operated, Spittoon attachment, Halogen Light with 2 intensity, high power evacuation system, Air ventury suction, X-ray viewer, Airrotor, Micromotor with straight and contrangle Handpiece, 3 way syringe, ultrasonic sealer with 3 tips, Light cure unit, instrument tray and suction, Dental operator stool with height adjustment



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XII. MAJOR EQUIPMENTS


DEPARTMENT: PROSTHODONTICS AND CROWN & BRIDGE

Name	Specification	Quantity	
		Required	Available
Dental Chairs and Units	As per specification	34	34
Semi adjustable articulator	With face bow	2	2
Extra oral/intra oral tracer		2	2
Dewaxing unit		2	2
Curing unit		2	2
Dental casting machine		1	1
Wax burnout furnace		1	1
Pre heating furnace		1	1
Surveying unit		2	2
Heavy duty hand piece	Lab micromotors	4	4
Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	2	2
Needle burner with syringe cutter		2	2
Plaster Dispenser	One each for plaster and stone plaster	2	2
Model Trimmer with Carborandum Disc		1	1
Model Trimmer with Diamond Disc		2	2
Acrylizer		3	3
Lathe		2	2
Flask press		4	4
Deflasking unit		4	4
Dewaxing unit		3	3
Hydraulic Press		3	3
Mechanical Press		2	2
Vacuum mixing machine		1	1
Lab Micro motor	With heavy duty handpiece	4	4
Curing pressure pot		1	1
Porcelain furnace		2	2
Vibrator		2	2
Sand blasting unit		2	2
Ultrasonic cleaner		2	2
Model Trimmer		4	4
Hot water sterilizer		2	2
Geyser	Compound bath	2	2
H.P. grinder with suction		3	3
Heavy duty lathe		2	2
Phantom heads	Gas connection & bunson burner	50	50
Pre-clinical working tables		100	100

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CERAMIC AND CAST PARTIAL LABORATORY

NAME	SPECIFICATIONS	Required	Available	Deficiency
Plaster Dispensor	One each for plaster and stone plaster	2	2	
Duplicator		1	1	
Pindex System		1	1	
Circular saw		1	1	
Burn out furnace		1	1	
Sandblasting machine	With two containers	1	1	
Electro-polisher		1	1	
Model Trimmer with Carborandum disc		1	1	
Model Trimmer with Diamond disc		1	1	
Induction casting machine		1	1	
Programmable porcelain furnace with vacuum pump with instrument kit and material kit		1	1	
Spot welder with soldering, attachment of cable		1	1	
Vacuum mixing machine		1	1	
Steam Cleaner		1	1	
Spindle Grinder 24,000 RPM with vacuum suction		1	1	
Wax heater		1	1	
Wax carver		1	1	
Curing pressure pot		1	1	
Milling machine		1	1	
Heavy duty lathe with suction		1	1	
Preheating furnace		1	1	
Palatal trimmer		1	1	
Ultrasonic cleaner	5 liters capacity	1	1	
Composite curing unit		1	1	
Micro surveyor		1	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	60 20	
PLASTER ROOM FOR PRE-CLINICAL WORK				
Plaster dispenser	One each for plaster and stone	2		


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	plaster			
Vibrator		2	2	
Lathe		2	2	
Model Trimmer		1	1	
Carborandum Disc		1	1	
Diamond disc		1	1	

DEPARTMENT : CONSERVATIVE DENTISTRY AND ENDODONTICS

Name	Specification	Quantity	
		Required	Available
Dental Chairs and Units	As per specification	34	34
Rubber dam kits		6	6
Restorative instruments kits		10	10
R.C.T. instrument kits		10	10
Autoclaves	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	3	3
Ultrasonic cleaner	Minimum capacity 13 liters with mesh bucket	2	2
Needle burner with syringe cutter		4	4
Amalgamator	With auto proportion, auto dispenser	3	3
Rubber dam kits		6	6
Pulp Tester-Digital		4	4
Apex Locator		2	2
Glass bead sterilizers		6	6
Plaster dispensers		2	2
Vibrator		2	2
Ceramic Unit		1	1
Casting machine		1	1
Intra-oral X-ray Unit	Proper radiation safety	1	1
Automatic Developer		1	1
Radiovisiography	RVG with Computer	1	1
Endo motor	With torque control Hps	1	1
Bleaching unit		1	1
Magnification loops		2	2
Injectable gutta percha		2	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	60	60

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	extracted or cadaver teeth).		
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CHEMICAL LABORATORY

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

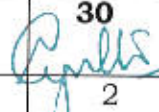
DEPARTMENT : ORAL PATHOLOGY AND ORAL MICROBIOLOGY

Name	Specification	Quantity	
		Required	Available
Dental Chairs and Units	With shadowless lamp, spittoon, 3 way syringe, instrument tray and suction	2	2
Microscopes		40	40
Microtome		1	1
Wax bath		1	1
Water bath		1	1
Knife sharpner		1	1
Hot plate		1	1
Spencer knife		1	1

DEPARTMENT: ORAL & MAXILLOFACIAL SURGERY

A) EXODONTIA

Name	Specification	Quantity	
		Required	Available
Dental Chairs and Units	As per specification	30	30
Autoclaves	Front loading Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	2	2
Ultrasonic Cleaner	Minimum capacity 13 liters with mesh bucket	2	2


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Needle burner with syringe cutter		6	6
Extraction forceps sets	Complete set	20	20
Dental elevators	Complete set	10	10
Minor Oral surgery kits		6	6
Emergency drugs tray		1	1
Oxygen cylinder with mask		1	1
X-ray viewers		2	2
Computer	Minimum Pentium IV	1	1

B) MINOR SURGERY

Dental Chairs and Units	As per specification	5	5
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DEPARTMENT : PERIODONTOLOGY

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

DEPARTMENT : ORTHODONTICS

Name	Specification	Quantity	
		Required	Available
Dental Chairs and Units	As per specification	18	18
Unit mount scaler		5	5

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

DEPARTMENT : PAEDIATRIC AND PREVENTIVE DENTISTRY

Name	Specification	Quantity	
		Required	Available
Dental Chairs and Units	As per specification (Pedo chair preferred)	20	20
Autoclaves	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters.	2	2
Ultrasonic cleaner	Minimum capacity 13 liters with mesh bucket with digital timer	2	2
Needle Burner with syringe cutter		3	3
Amalgamator		1	1
Pulp Tester-Digital		1	1
Rubber dam kit for pedo		5	5
Apex locator		1	1
Endo motor	With torque control HPs	1	1
Injectable gutta percha with condensation		1	1
Radiovisiography	Digital intra X-ray system with pedo sensor and software	1	1
Intra Oral Camera	With high resolution	1	1
Scaling instruments		10	10
Restorative instruments		10	10

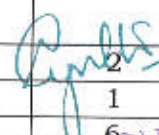
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Extraction forceps		10	10
Intra-oral X-ray		1	1
Automatic Developer		1	1
Computer	Minimum Pentium IV	1	1

PEDO LAB			
Plaster dispenser	One each for plaster and stone plaster	2	2
Model Trimmer	With diamond disc	1	1
Model Trimer	Double disc one diamond and one carborandum disc	1	1
Welder with soldering attachments		1	1
Vibrator		2	2
Lab micro motor	Heavy duty with Hps	3	3
Dental Lathe		1	1
Model Trimmer		1	1
Steam cleaner		1	1
Pressure moulding machine		1	1
Carborandum Disc		1	1
Diamond disc		1	1

DEPARTMENT : ORAL MEDICINE AND RADIOLOGY.

Name	Specification	Quantity	
		Required	Available
	(Space allocation for each Dental chair 100 Sq Ft in all the Departments)		
Dental Chairs and Units	As per specification	12	12
Panoramic X-Ray with Cephalometric	Preferably digital	1	1
Intra Oral X-ray Unit	70 KV , 8mA, high frequency preferably Digital timer	3	3
Pulp testers	Digital	3	3
Automatic periapical X-ray Developer		1	1
Automatic Panoramic with Cephalometric X-ray Developer		1	1
X-ray viewer	For Panoramic and Cephalometric films	2	2
Radiovisiography	Digital Intra X-ray System with one Sensor and Software	1	1
General X-ray Unit		1	1
Ortho Pantmograph	preferably digital	1	1
Automatic Developers/ Dark Room		2	2
Lead aprons		2	2
Lead Gloves		1	1
X-ray Hangers		6	6
X-ray viewers		2	2
Diagnostic Kits	Mouth mirror, dental probe, college tweezers	40	40


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Lead Screen		1	1
Biopsy Kit		1	1
Autoclave	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters	2	2
Computers	Minimum Pentium -IV	1	1
Intra Oral Camera	With High resolution	1	1
Needle Burner with Syringe Cutter		2	2

DEPARTMENT: PUBLIC HEALTH DENTISTRY

Name	Specification	Quantity	
		Required	Available
Dental Chairs and Units	As per specification	16	16
Autoclaves	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters.	2	2
Ultrasonic cleaner	Minimum capacity 13 liters with mesh bucket with digital timer	2	2
Needle burner with syringe cutter		4	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		
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.		
Autoclaves	Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters.	1	1
Intraoral x-ray	Portable, 70 KV, 8mA	1	1
Glass bead sterilizers		1	1
Compressor	1.25HP	1	1
Metal Cabinet	With wash basin	1	1
Portable dental chair	Suitcase unit with airrotor, micromotor, scaler and compressor 0.25HP	2	2
Stabilizer	4KV	1	1
Generator	4KV	1	1
Water tank	400ltrs	1	1
Oxygen cylinder		1	1
Public address system		1	1
TV and video cassette player		1	1
Demonstration models			

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Whether all the above-mentioned equipments are functioning?
 Yes

Whether detailed list of equipments as furnished by the college : Yes
 authority is attached

XIII. CONSTRUCTED AREA

DENTAL COLLEGE BUILDING

Total Constructed Area Required: 1,00,000 Sq.ft.

FLOOR	AREA (sqft)	CLINICAL FACILITIES	ACADEMIC DEPARTMENTS	ADMIN / LOGISTICS / SUPPORT	MAJOR FACILITIES
Basement					
Ground	76677	54021	9155		
First	61458	52955	10221		
Second	61458	10180	52996.		
Third					
Fourth					
Other					
TOTAL	199594	AREA (sq.ft.)			

HOSTEL FOR BOYS & GIRLS

Whether the building of Hostels for Boys & Girls is separate from : Yes
 the dental college building and staff quarters

Whether Hostels for Boys & Girls are within the campus : Yes

Whether hostel is shared by other colleges/ institutions : Yes

INFRASTRUCTURE & FUNCTIONAL REQUIREMENTS

Infrastructure	Requirement	Availability
Administrative block	3000 sq. ft.	5500 Sq.ft.
Library	8000 sq. ft.	9000 Sq.ft.
Lecture Halls - 4	6400 sq. ft.	7900 Sq.ft.
Central Stores	800 sq. ft.	2000 Sq.ft.
Maintenance room	1000 sq. ft.	1000 sq. ft.
Photography and artist room	400 sq. ft.	600 sq. ft.
Medical Stores	300 sq. ft.	500 sq. ft.
Amenities area	3200 sq. ft.	5000 sq. ft.
Compressor and room for gas plant	300 sq. ft.	300 sq. ft.

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Cafeteria	1500 sq. ft.	2500. sq. ft.
Examination hall	3600 sq. ft.	5000. sq. ft.
Auditorium (To accommodate at least 500 people)		1000 people
Laboratories (Dental Subjects)		Adequate.
Pre-clinical Prosthodontics and dental material lab	3000 sq. ft.	3785. sq. ft.
Pre-clinical conservative lab	2500 sq. ft.	3235. sq. ft.
Oral biology and oral pathology lab	2500 sq. ft.	3160. sq. ft.
Laboratory for orthodontics and Pedodontics	1500 sq. ft.	3620. sq. ft.
Laboratories (Medical Subjects)		Adequate.
(only for independent dental colleges)	7500 sq. ft.	6900. sq. ft.
Anatomy dissection hall with storage for cadavers, osteology, demonstration room etc.	2500 sq. ft.	
One laboratory for physiology and pathology and microbiology with stores and preparation rooms for individual subjects attached to it.	2500 sq. ft.	4000. sq. ft.
Laboratory for biochemistry and pharmacology with store and preparation rooms separately for both subjects	2500 sq. ft.	3500. sq. ft.
Laboratories (Clinical)		
Prosthodontics	2500 sq. ft.	3400. sq. ft.
Conservative Dentistry	600 sq. ft.	2200. sq. ft.
Oral pathology for histopathology	600 sq. ft.	1000. sq. ft.
Haematology and clinical biochemistry	300 sq. ft.	500. sq. ft.


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