THE TAMIL NADU DR. MGR MEDICAL UNIVERSITY, CHENNAI – 600 032.



INSPECTION PROFORMA - B.D.S.

FOR CONTINUANCE OF PROVISIONAL AFFILIATION FOR CONDUCTING FINAL YEAR B.D.S (RECOGNITION) - INCREASE OF SEATS 100 ADMISSIONS



THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY, CHENNAI - 600 032 BACHELOR OF DENTAL SURGERY (B.D.S.) DEGREE COURSE TO ISSUE OF CONTINUANCE OF PROVISIONAL OF AFFILIATION FOR DENTAL COLLEGE (FINALB.D.S & RECOGNITION) - 100 ADMISSIONS

INSPECTION REPORT

| I | Name of the Convenor with Designation and Address, | |
|-----|---|---------------------------------------|
| | Mobile No. | |
| | Names of Member(s) with Designation | |
| | and Address, Mobile No. | |
| II | University Letter No. & date in which the | Lr.No. Rc.No.Affln.IV(2)/01185/2023 |
| | Inspection Commission Constituted | Date: 03.05.2023 |
| III | Date of Inspection | 17.05.2023 & 18.05.2023 |
| IV | ORGANISATION APPLYING FOR PERMISSION | 7 |
| | a) State Government | |
| | b) University | |
| | c) An autonomous body promoted by the | |
| | Central / State Government | |
| | d) A society registered under the Societies | Religious & Charitable Trust |
| | Registration Act, 1860 (21 of 1860) or corresponding | Reg.No.712 of 1985 |
| | enactments in States; or Public religious or Charitable | Dt: 10.05.1983 |
| | Trust registered under the Trust Act 1882 (2 of 1882) | |
| | or the Wakf Act 1954 (29 of 1954) | |
| V | DETAILS | |
| 1. | a. Name of the Managing Trustee and Name of the | Dr.Jacob Raja, MDS, FIDA., |
| | Society / Trust and its full registered address with | Selvam Educational & Charitable |
| | telephone Numbers | Trust, |
| | (Telex No., Fax No., e-mail No.) | Vadakkankulam-627116. |
| | | 04637-230142 |
| | b. Enclose trust details with audited accounts for the | Copy of the Trust Deed & Audited |
| | last 3 years. | Accounts for the last three years are |
| | | Enclosed. |
| 2. | Name of the other courses run by the Trust | Nursing & Pharmacy. |
| 3. | Name of the proposed Dental College | Rajas Dental College & Hospital |
| | Full Address of the Dental College with Telephone, | Kavalkinaru. Jn-627105. |
| | Fax No. & e-mail ID | Tirunelveli District |
| | | 04637-231905,231367 |
| | | info@rajasdentalcollege.com |
| | | principal@rajasdentalcollege.com |
| 4. | Name of the Principal of the Dental College | Dr. Alex Mathews Muruppel |



| 5. | Name and details of authorities representing the Management present at the time of Inspection | Dr.Jacob Raja,MDS,FIDA Chairman, Rajas Medical Institutions | | |
|----|--|---|--|--|
| VI | PERMISSION LETTERS | | | |
| 1. | State Govt. Permission / Essentiality Certificate | Lr.No: NIL Dt. from the year: | | |
| 2. | Name of the MCI recognized Medical College Attached to Proposed Dental College (MOU signed by competent Authorities between Medical and Dental College for teaching purpose). | MOU Lr.No. DtNA- | | |
| 3. | Consent for affiliation issued by the University | Lr.No: Madurai Kamaraj University Dt. from the year: | | |
| 4. | DCI /GOI's formal permission for starting the course | Lr.No: DE-3(44)-87/1400 Dt. 31.07.1987, from the year 1987-88 Copy of Order enclosed. | | |
| 5. | State Govt. Permission for Minority Status | Enclosed vide G.O.No: R.C.No. B4/2788/2017 Dated 05.05.2023 year:2020-2025 | | |
| 6. | Provisional Affiliation issued by the University | Proc.No. Affln.IV(2)/02785/2018 Dt. 07.06.2019 Copy of Order Enclosed | | |
| 7. | Year of commencement of the I BDS Degree course | From the year 1987-88 Copy of Order Enclosed | | |
| 8. | Continuance of Provisional Affiliation issued by the University for last year with intake | 1.Proc.No.CD1/FA/87-88 Dt.25.05.1989. Intake 50 Seats (MK Univ.) 2.Affln(2)/376/88 dt: 27.08.1991 The TN Dr. MGR Med. Univ. | | |
| 9. | No. of students admitted in last year batch | First Year 81 Second 78 Year Third Year 74 Final Year 100 | | |
| 10 | DCI/Govt. of India, New Delhi notification of the recognition of the Final BDS degree course conducted by the institution | Lr.No: 3(44)-93/2246 Dt. 09.11.1993 | | |
| 11 | INCREASE OF INTAKE, IF ANY: State Govt. Permission / Essentiality Certificate | Lr.No: Dt. from the year: | | |



NUMBER OF CANDIDATES ADMITTED IN THE PREVIOUS YEAR Is the institution a Minority Institution: Provide necessary documents Date of admission No. Admitted Category End Commence 12 S.C. 01 S.T. 57 Backward December 2022 74 October 2022 Merit 11 Management 11 Others 81 Total

Note: Where admission(s) has/have been done without the permission of the competent authority the reason thereof be given in each and every case separately duly certified by the Principal of the Institution

| VII | LAND & INFRASTRUCTURE DETAILS (Sale Deed/ Lease Deed | | |
|-----|--|---|--|
| | (not less than 30 years) - (Attested Copies of original documents must be attached) | | |
| 1. | Total Area of Land (Minimum 5 acres of land) | 30.6 acres | |
| 2. | Year of Lease | Own Land | |
| 3. | Lease Valid Till (not less than 30 years – Lease Deed obtained from the Government authority) Survey Numbers | NA 1966/1A,B,1966/1A,1B,1D,1967/1A,1B,2, | |
| 4. | | 1968/1,2,1969/A2,1970/A1,A2 | |
| 5. | Is the land contiguous and makes a single piece of land | Yes | |

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| 6. | Approval Plans/ Land Use Conversion (Approved | Yes |
|------|---|--|
| | by LDA/ Municipality/ Competent Authority that | |
| | the land does not attract the TN Urban Land | |
| | Ceiling Act 1978, TN Town & Country Planning | |
| - | Act 1971, TN Land Reform Act 1961) | |
| 7. | Verification of Ownership from Land Records | Lr.No:3251,Dt.12.11.2002 |
| 8. | Total Constructed Area (in Sq.ft) | 1,99,594 Sq.ft |
| 9. | Whether Completion Certificate furnished from the competent authority | Yes, Dt. 15.02.2016 |
| 10. | Whether Pollution Control Board Certificate | Yes |
| | obtained | Lr.No. 1909127205493, dt 30.08.2019 |
| 11. | Whether sewage treatment plant is available | Yes Lr.No. 1909127205493, dt 30.08.2019 |
| 12. | Whether Bio-Medical waste management is | Yes |
| | followed as per PCBI | Lr.No. 82050, dt. 30.03.2011. |
| 13. | Whether Hospital Waste Management (Bio-Waste | Yes |
| 13. | incinerator) is available as per the 2018 | Lr.No. |
| | regulations | Date: |
| 14. | Whether Fire and Safety Certificate obtained | Yes |
| | from the competent authority | Lr.No. 8676/E/2019, dt.08.11.2019 |
| 15. | Whether AERB Certificate for Equipments | Yes |
| 13. | obtained from the competent authority | Lr.No. 15-LOEE-70621, dt 19.11.2015 |
| 16. | Anatomical Act certificate from Director Medical | Yes / No |
| 10. | Education (to be obtained from Medical College) | Lr.No. 33182/21/1993, dt. 15.07.2009 |
| 17. | "Establishment of Tobacco Cessation Centers in | Yes |
| | Dental Institution – An Integrated Approach in | |
| | India Operational Guidelines 2018" | |
| 18 | CCTV Camera: | |
| | OPD Registration Counter | Yes |
| 5 | Bio-metric attendance registration | Yes |
| | Department of Conservative Dentistry and | Yes |
| 6:1: | Endodontics | |
| | lecture halls | Yes |
| | Examination Hall | Yes |



Note: Please ensure that all the land documents duly certified by the Revenue Authority have been checked by you

| VIII | MEDICAL COLLEGE ATTACHMENT: NA | |
|------|--|------------------------------|
| 1. | Туре | Own Private Government |
| 2. | Name & Address of the Medical College | |
| 3. | Name of the Principal/Dean | |
| 4. | Email address and contact number | |
| 5. | Medical College duly recognized by Medical Council of India | Yes/No |
| 6. | Distance from Dental college to Medical college by road in km (please clarify as to whether you have physically verified /taking the reading of Taxi/Car Meter by ticking yes or no) | Yes?No |
| 7. | Whether MOU is signed by competent Authorities between Medical and Dental College for teaching B.D.S & M.D.S. Course Students | Yes/No |
| 8. | Validity Period of MOU | |
| 9. | Whether the above mentioned Medical College has given attachment to any other Dental College other than the proposed dental college | Yes/No |

| TXZ | 100 BEDDED GENERAL HOSPITAL |
|-----|---|
| IX | (applicable if Medical College is more than 10 kms away). |



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| | Requirement of the 100 bedded General Hospital in accordance with the parameters prescribed by the Bureau of Indian Standards BIS/NABH with in the campus of the proposed Dental College | | |
|----|--|-----------------------------------|--|
| 1. | Туре | Government General Hospital - yes | |
| 2. | Name of the Issuing Competent Authority Whether the permission of the attached 100 bedded hospital is issued by the competent authority? | Yes Lr.No. Annexure X Date: | |
| 3. | Name and Address of Hospital: | Government Hospital, Bhoothapandy | |
| 4. | Name of the Allopathic CMO with Tel No. & Mobile No.: | NA | |
| 5. | Distance of the hospital from the Dental College by Road in km (please clarify as to whether you have physically verified /taking the reading of Taxi/Car Meter by ticking yes or no) | Yes - 9.5KM | |
| 6. | Number of Beds in Hospital | Total: 101 | |

| Department | Require d | Allotte d |
|--|--------------|--------------|
| General Ward – Medical including allied specialities | 30 | 30 |
| General Ward –Surgical including allied specialities | 30 | 30 |
| Private Ward (A/C & Non A/c) | 9 | 9 |
| Maternity Ward | 15 , | 15 |
| Paediatric Ward | 6 | 6 |
| Intensive Care Services (4% of bed strength) | 4 | 4 |
| Critical Care Services (6% of bed strength) | 6 | 6 |

Area Requirements (As per Bureau of Indian Standards (BIS)/NABH)

| • | Required | Available |
|--------------------|--------------|-----------------|
| Covered Area | 20 sq.m./bed | 20 sq.m./bed |
| Inpatient Services | 40% | 40% |



| Outpatient Services | 35% | 35% |
|------------------------------------|-----|-----|
| Department and supportive services | 25% | 25% |

Man Power Requirement

Medical Staff

| Designation | Required | Available |
|--------------------------|----------|-----------|
| General Surgery | 2 | 2 |
| General Medicine | 2 | 2 |
| Obstetrics & Gynaecology | 2 | 2 |
| ENT | 2 | 2 |
| Paediatrics | 2 | 2 |
| Anaesthesia | 2 | 2 |
| Orthopaedics | 2 | 2 |
| Pharmacologist | 1 | 1 |
| Radiologist | 1 | 1 |
| GDMO | 1 | 1 |
| Community Medicine | 1 | 1 |
| Hospital Administration | 1 | 1 |

Note: Medical teachers in all Medical Colleges except the Tutors, Residents, Registrars and Demonstrators must possess the requisite recognized Postgraduate Medical qualification in their respective subject.

The teachers in a medical college or institution having a total of 8 years teaching experience out of which at least 4 years teaching experience as Assistant Professor with two research publication in indexed journals gained after obtaining postgraduate degree qualification MD/MS in the concerned subject and as per the TEQ Regulation shall be recognized Post Graduate teacher in broad specialties.

Reader /Associate Professor (5 year Post PG experience): A post graduate qualification MD/MS in the concerned subject and as per TEQ Regulation. As Assistant Professor in the subject for 4 years in a permitted/approved/recognized Medical college/institution with 2 Research Publication in Indexed Journals as Ist Author or as corresponding author.

Assistant Professor / Lecturer: A post graduate qualification MD/MS in the concerned subject and as per the TEQ Regulations. 3 years Junior Resident in a recognized medical college in the concerned subject and one year as Senior Resident in the concerned subject in a recognized Medical College / institution.

Nursing Staff

| Designation | Required | Available |
|-----------------|----------|-----------|
| Matron | 1 | 1 |
| Sister Incharge | 6 | 6 |



| O.T. Nurses | 6 | 6 |
|--------------------|----|----|
| General Nurses | 20 | 20 |
| Labour Room Nurses | 4 | 4 |

Health Staff

| Designation | | Available |
|--------------------------------------|---|-----------|
| Female Health Assistant | 1 | 1 |
| Extension Educator Paramedical Staff | 1 | 1 |
| Lab Technician/Blood Bank Tech | 4 | 4 |
| ECG Technician | 1 | 1 - |
| Pharmacist | 4 | 4 |
| Sr. Radiographer | 1 | 1 |
| CSSD | 2 | 2 |
| Medical Records | 1 | . 1 |

Engineering Staff

| Designation | Required | Available | |
|-----------------|----------|-----------|--|
| Civil | 2 | 2 | |
| Mechanical | 2 | 2 | |
| Electrical | 2 | 2 | |
| Engineering Aid | 4 | 4 | |

Other Staff

| Designation | Required | Available | |
|-------------------------------|----------|-----------|--|
| Drivers | 2 | 2 | |
| Carpenter | 1 | 1 | |
| Cooks | 2 | 2 | |
| Barber | 1 | 1 | |
| Class IV including chowkiders | 55 | 55 | |

Administrative Staff

| Designation | Required | Available | |
|-----------------------|----------|-----------|--|
| Office Superintendent | 1 | 1 | |
| Head Clerk | 1 | 1 | |
| Cashier | 1 | 1 | |
| Stenographer | 1 | 1 | |
| UDC | 2 | 2 | |
| LDC | 4 | 4 | |

| X | CONSTRUCTED AREA |
|---|---|
| | i) DENTAL COLLEGE BUILDING |
| | Total completed Constructed Carpet Area Required: 60,000 Sq.ft. |



| Floor | Area (Sqft) | Clinical Facilities | Academic Departments | Admin / Logistics / Support | Major Facilities |
|----------|----------------|------------------------|-------------------------|-----------------------------------|------------------|
| Basement | | | | | |
| Ground | 61458 | 54021 | 9155 | | |
| First | 61458 | 52955 | 10221 | | |
| Second | 61458 | 10180 | 52996. | | |
| Third | | | | | |
| Fourth | | | | | |
| Other | 9267 | | | | |
| TOTAL | | Area 1,93,641 (s | sq.ft.) | | |

| XI INFRASTRUCTURE & FUNCTIONAL | | | 0.4.4.1 |
|--|--|------------------|-------------------------|
| (60% of the total constructed area should be comp | of 3rd year) | start of college | e & total |
| construction should be completed before the start Infrastructure | Requirement | Availability | Remarks of Inspector |
| Administrative block | 3000 sq. ft. | 4,426 | |
| Library | 8000 sq. ft. | 9,000 | |
| Lecture Halls – 4 | 6400 sq. ft. | 7,900 | |
| Central Stores | 800 sq. ft. | 2,000 | |
| Maintenance room | 1000 sq. ft. | 1,000 | |
| Photography and artist room | 400 sq. ft. | 400 | 1 2 - |
| Medical Stores cum Pharmacy | 300 sq. ft. | 500 | |
| Faculty Rooms – Dental Faculty | 2000 sq. ft. | 2,200 | |
| Faculty Rooms - Medical Basic Science | 1500 sq. ft. | 1,800 | |
| Amenities Area to include boys and girls locker room, boys and girls common rooms, Common room for non-teaching staff, common room for teaching staff, change room for men, change room for women. | 3200 sq. ft. | 3,500 | |
| Room for Gas Cylinder (ventilated) | 150 sq. ft. | 150 | |
| Compressor and Room for Gas Plant | 300 sq. ft. | 300 | |
| Cafeteria | 1500 sq. ft. | 2,500 | |
| Examination hall | 3600 sq. ft. | 4,500 | |
| Auditorium (To accommodate at least 500 people) | 4000 sq. ft.(aprox.) | 13,900 | |
| Clinical Area (for different specialty departments) | 25000 sq. ft.(200 Dental Chairs X 125 sq.ft./per chair) | - | |



| Wards Male and Female to accommodate 20 Beds, | Remaining | - T | |
|---|----------------|-------|---|
| Central Store, Departmental Store, Major and Minor | Area (7500 sq. | - | |
| O.T. etc. | ft.) | | |
| Pre-clinical Prosthodontics and dental material lab | 3000 sq. ft. | 4842 | |
| Pre-clinical conservative lab | 2500 sq. ft. | 3,235 | |
| Laboratories for Orthodontics and Pedodontics | 1500 sq. ft. | 2500 | |
| * Anatomy dissection hall with storage for cadavers, osteology, demonstration room etc. | 2500 sq. ft. | 3,416 | * |
| * One laboratory for physiology with stores and preparation rooms. | 2500 sq. ft. | 3680 | |
| * Laboratory for biochemistry and Pharmacology | 2500 sq. ft. | 4692 | |
| CLINICAL | | | |
| Prosthodontics Cast Partial and Ceramic | 3000 sq. ft. | 6488 | |
| Conservative Clinical Lab | 2500 sq. ft. | 2,500 | |
| Histopathology Lab for Oral Pathology | 2500 sq. ft. | 2,500 | |
| Laboratories for Orthodontics and Pedodontics | 1500 sq. ft. | 1800 | |
| * Haematology and Clinical Biochemistry | 300 sq. ft. | 400 | |
| AREB certified Radiographic Room along with Dark Room | 600 sq. ft. | 600 | |

| XII | ACADEMIC BLOCK FOR BASIC SCIENCE SUBJECTS (100 INTAKE) |
|-----|--|
| | Applicable for the colleges without attachment of Recognised Medical College |
| | (60% of the total constructed area should be completed before the start of college & total |
| | construction should be completed before the start of 2 nd year) |

1. DEPARTMENT OF ANATOMY

AREA REQUIREMENTS

| | Department | Specification | Required Area |
|---|-----------------|---|---------------|
| 1 | DISSECTION HALL | To seat 50 students. Ventilated with sufficient | 1700 Sq.ft. |
| | CUM | exhaust fans. And adequate number of glass | |
| | MUSEUM | almirah to store the specimen | |
| 2 | CADAVER ROOM | Two storage tanks to store the cadavers | 350 Sq.ft. |
| | | Sufficient area to store the formalin, freezer etc. | |
| 3 | HISTOLOGY ROOM | Tables with granite top and seating, sufficient to | 350 Sq.ft. |
| | | seat 30 students | |
| 4 | STAFF ROOM | Sufficient furniture like table /chairs /cupboard | 100 Sq.ft. |

EQUIPMENT REQUIREMENTS

| Department | Specification | Requirement | Available | Remarks of | |
|------------|---------------|-------------|-----------|------------|--|
| | | | | Inspector | |

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| 1. | DISSECTION HAI | LL | - (| | |
|----|----------------------|-----------------------|----------|--------------|---------|
| | Dissection table – | LARGE TABLE | 4- Large | Large – 10 | |
| | Stainless-Steel | 71 inches length | 4- Small | Small - 35 | |
| | tables with | 22 inches breadth | | | |
| | drainage for | 36 inches height | | | |
| | cadavers dissection | SMALL TABLE | | | |
| | | 35 Inches Length | | | |
| | | 22 inches Breadth | | | |
| | | 36 inches height | | | 11 11 1 |
| | Educational | | 10 | 20 | |
| | models | | | | |
| 2 | CADAVER ROOM | I | | | |
| | Large Storage | 1200 lt or | 1 | 2 | |
| | Tank | 130 sq. feet | | 293 Sq. Feet | |
| | Small Tank | 800 lts | 1 | 1 | |
| | Freezer Unit | To store two cadavers | 1 | 2 | |
| 3 | HISTOLOGY RO | OM | | | |
| | Dissection Microsco | opes | 5 | 5 | |
| | Monocular Microsc | opes | 25 | 80 | |
| | Binocular Microsco | | 1 | 1 | |
| 4 | MUSEUM | | | | |
| | Full body skeletal b | ones | 3 | 5 | |
| | Head and neck bone | | 5 | 10 | |
| | Complete Human o | rgans | 1 | 3 | |

2. DEPARTMENT OF PHYSIOLOGY

AREA REQUIREMENTS

| | DEPARTMENT | SPECIFICATION | REQUIRED AREA |
|---|----------------|--|---------------|
| 1 | HEMATOLOGY LAB | Tables with granite top and chairs to seat 50 students | 1350 sq.ft. |
| 2 | CLINICAL LAB | | 500 sq.ft. |
| 3 | STAFF ROOM | Sufficient furniture like table /chairs /cupboard | 150 sq.ft. |

EQUIPMENT REQUIREMENTS

| Department · | Specification | Requirement | Available |
|--------------|---------------|-------------|-----------|
| HEMATOLOGY | | | |

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| | LAB | | | |
|----|---|---|-------------------------------|----------------------------------|
| 1 | Microscopes | Monocular | 50 | 50 |
| 2. | Stage Incubator | | 1 | 1 |
| 3 | Westergen's Pipettes For E.S.R. on Stand | | 5 ESR STAND 10 PIPETTES | 5 ESR STAND 10 PIPETTES |
| 4 | Wintrobes pipettes | | 20 | 20 |
| 5. | Haemo Globinometer, Sahli's | | 50 | 50 |
| 6. | Haemocytometers | | 50 | 50 |
| 7. | Sphygmomanometer | | 30 | 30 |
| 8. | Stethoscopes | | 25 | 25 |
| 9. | Refrigerator | | 1 | 1 |
| 10 | Stop Watches | | 25 | 25 |
| 11 | Ph Meter | | 1 | 1 |
| 12 | Analytical Balance | | 1 | 1 |
| 13 | Centrifuge R4c & R8c | | 1 | 1 |
| 14 | Blood Cell Counters | | 1 | 1 |
| 15 | Haematocrit Tubes | | 5 | 7 |
| 16 | Glass Wares | Glass slide/ pipettes/ capillary tube/test tube/glass Rod | For 50 students | Adequate |
| | CLINICAL LAB | | | |
| 1 | Clinical Thermometers | | 5 | 5 |
| 2 | Knee Hammer | | 5 | 15 |
| 3 | Spirometer (Ordinary) | | 3 | 3 |
| 4 | Mosso's Erograph | | 1 | 1 |
| 5 | Opthalmoscope | | 1 | 1 |
| 6 | Dynamometer | | 1 | 1 |
| 7 | Perimeter | | 1 | 1 |
| 8 | Hair Aesthesiometer | | 2 | 2 |
| 9 | Bicycle Ergrometer | | 1 | 1 |
| 10 | Examination Couches | | 5 | 5 |
| 11 | Steriliser | | 1 | 1 |
| 12 | Weighing Machine | | 3 | 3 |
| 13 | Height Chart | | 1 | 1 |
| 14 | Snellen's Chart | | 1 | 1 |



3. DEPARTMENT OF BIOCHEMISTRY

AREA REQUIREMENTS

| 1 | DEPARTMENT | SPECIFICATION | REQUIRED AREA |
|---|--|---|------------------|
| 1 | CLINICAL LAB | Fitted with granites tables with overheard shelves for glassware. Sinks with tap Gas connection. To seat 50 students. | 1250 sq.ft. |
| 2 | PREPARATION ROOMS AND INSTRUMENT ROOM | Granite Table – to place equipments for Reagent preparation | 150 sq.ft. |
| 3 | STAFF ROOM | Sufficient furniture like table / chairs/cupboard | 100 sq.ft. |

EQUIPMENT REQUIREMENTS

| | Department | Specification | Requirement | Available |
|---|------------------------|---|----------------------------|-------------|
| / | CLINICAL LAB | Th. | | |
| | Glass Wares | Test tube/beaker/ measuring cylinder | For a batch of 50 students | 1000 148 |
| | | /glass rod/funnel/ | | 6 |
| | | Amber bottle/plane | | 2 |
| | | bottle | | 50 |
| | | bottle | | 40 |
| | | | | 685 |
| | Micro pipettes | | 5 | 5 |
| | Water bath | | 4 | 4 |
| | Distillation Apparatus | | 2 | 2 |
| | Fume Cupboard | | 1 | 1 |
| | Balance | for weighing chemicals | 3 | 3 |
| | Fridge | for storage of fine chemicals | 1 | 1 |
| | INSTRUMENT ROOM | | | |
| | Colorimeter | For quantitative analysis | 5 | 5 |
| | Microscopes | | 5 | 5 |



| Electrophoretic Apparatus | | 2 | 2 |
|---------------------------|-----------------------|----|----|
| Urinometer | | 20 | 20 |
| Centrifuge | for sample separation | 1 | 1 |
| Incubator | | 1 | 1 |
| Hot air oven | for sterilization | 2 | 2 |

4. DEPARTMENT OF PHARMACOLOGY

AREA REQUIREMENTS

| | DEPARTMENT | SPECIFICATION | REQUIRED AREA |
|---|--------------|--|------------------|
| 1 | CLINICAL LAB | Fitted with granites tables with overheard shelves | 1250 sq.ft. |
| | | for glassware. To seat 50 students. | |
| 2 | STAFF ROOM | Sufficient furniture like table /chairs /cupboard | 100 sq.ft. |

EQUIPMENT REQUIREMENTS

| | Department | Specification | Requirement | Available |
|----|-----------------------------|------------------|-------------|-----------|
| | CLINICAL LAB | | | |
| | GLASS WARE | | | |
| 1 | Beakers | 50/100/250/500ml | 100 Each | 100 Each |
| 2 | China Dish | | 50 | 50 |
| 3 | Conical Flask | | 5 | 5 |
| 4 | Funnel | 50/65/75 mm | 25 each | 25 each |
| 5 | Glass Rod Medium/Small | | 100 | 100 |
| 6 | Measuring Cylinder | 5/10/25/50/100ml | 60 | 60 |
| 7 | Measuring Cylinder 250ml | | 5 | 5 |
| 8 | Measuring Cylinder 500ml | | 2 | 2 |
| 9 | Mortar and Pestle | Glass& Porcelain | 50 each | 50 each |
| 10 | Pasteur pipette pack of 100 | | 3 | 3 |
| 11 | Pipette 1 ml | | 100 | 100 |
| 12 | Pipette 2ml | | 50 | 50 |
| 13 | Pipette 5 ml | | 25 | 25 |

| 14 | Reagent bottle with lid – Narrow Mouth | Amber(NMA) 125/250/500 ml | 100 each | 100 each |
|-----|--|------------------------------|----------------------|----------------------|
| 15 | Reagent bottle with lid – Narrow Mouth | White(NMW)125/ 250/500ml | 100 each 500ml-50 | 100 each 500ml-50 |
| 16 | Reagent bottle with lid – Wide Mouth | Amber(WMA) 250ml | 50 | 50 |
| 17 | Reagent bottle with lid – Wide Mouth | White(WMW) 125/250/500ml | 100 each 500ml-50 | 100 each 500ml-50 |
| 18 | Test Tubes (Medium) | | 50 | 50 |
| 19 | Petri dish | | 10 | 10 |
| 20 | Wash Bottle | | 75 | 75 |
| 21 | Dropper Bottle | | 50 | 50 |
| 1. | Transparent Dispensing Box | | 50 | 50 |
| 2. | Dispensing Balance | | 50 | 50 |
| 3. | Dispensing Weight box | | 50 | 50 |
| 4. | Electronic balance | | 1 | 1 |
| 5. | Mechanical pipette | | 1 | 1 |
| 6. | Sensitive Balance (Shimadzu) | | 1 | 1 |
| 7. | Sphygmomanomet er | | 1 | 1 |
| 8. | Spirit lamp | | 7 | 7 |
| 9. | Test Tube Holders | | 25 | 25 |
| 10. | Test Tube Stand | | 25 - | 25 |
| 11. | Water bath | | 1 | 1 |
| 12. | Wax paper bundles | | 5 | 5 |

4. DEPARTMENT OF MICROBIOLOGY

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AREA REQUIREMENTS

| | DEPARTMENT | SPECIFICATION | REQUIRED AREA |
|----|-------------------|---|---------------|
| 1 | CLINICAL LAB | Fitted with granites tables with | 1250 sq.ft. |
| | | overheard shelves for glassware. | |
| _ | | Sinks with tap. To seat 50 students. | |
| 2 | PREPARATION ROOMS | Fitted with granites tables for culture | 250 sq.ft. |
| | | media preparation and processing of | |
| | | clinical specimens. | |
| 3. | STAFF ROOM | Sufficient furniture like table /chairs | 100 sq.ft. |
| - | | /cupboard | |

EQUIPMENT REQUIREMENTS

| | Department | Specification | Requiremen t | Availabl e |
|---|-----------------------------|---|--------------|---------------|
| | CLINICAL LAB | | | |
| 1 | Microscopes monocular | Examination of micro-organisms for students | 50 | 73 |
| 2 | Microscope binocular | Examination of microorganisms for research purposes | 1 | 1 |
| 3 | Incubator | 7 | 1 | 1 |
| 4 | Double Door Refrigerator | Maintaining Cultures | 1 | 1 |
| | Preparation Room | | | |
| *************************************** | Autoclave (Small) | Sterilisation | 1 | 1 |
| | Electronic Balance | | 1 | 1 |
| | Water Bath | | 1 | 1 |
| | Anaerobic Jar | | 1 | 1 |
| | Centrifuge | | 1 | 1 |
| | Bio Safety Cabinet | | 1 | 1 |
| | Hot Air Oven | Sterilisation | 1 | 1 |
| | Hot Plate | Electrical For Heating | 1 | 1 |



4. DEPARTMENT OF GENERAL PATHOLOGY

AREA REQUIREMENTS

| | DEPARTMENT | SPECIFICATION | REQUIRED AREA |
|---|--------------|---|------------------|
| 1 | CLINICAL LAB | Fitted with granites tables To seat 50 students. | 1350 Sq. Ft. |
| 2 | STAFF ROOM | Sufficient furniture like table /chairs /cupboard | 100 Sq.ft. |

EQUIPMENT REQUIREMENTS

| | Department | Specification | Requirement | Available |
|----|---------------------------|---------------|---------------|-----------|
| | CLINICAL LAB | | | |
| Α. | GLASS WARE | | | |
| 1 | Test tubes | | Adequate Adeq | |
| 2 | Glass pipette | 1ml,2ml,10ml | 25 Each | 25 Each |
| 3 | Conical flask | | 50 | 50 |
| 4 | Coupling Jar | | 25 | 25 |
| 5 | Wintrobe tubes | | 20 | 20 |
| 6 | Dropper bottles | | 25 | 25 |
| 7 | Capillary tubes | | 2 Pack | 2 Pack |
| 8 | RBC pipette | | 60 | 60 |
| 9 | Glass rods | | 50 | 50 |
| 10 | Micropipettes | | 50 | 50 |
| 11 | Hemometer pipette | | 20 | 20 |
| B. | INSTRUMENTS | | | |
| 1 | Microscopes | | 25 | 25 |
| 2 | Incubator | | 1 | 1 |
| 3 | Centrifuge | | 1 | 1 |
| 4 | Hemocytometer | | 20 | 20 |
| 5 | Hemometer | | 20 | 20 |
| 6 | Water bath | | 1 | 1 |
| 7 | Electronic weigh scale | | 10 | 10 |
| 8 | Sprit lamp | _ | 5 | 5 |
| 9 | Test tube stand | | 50 | 50 |
| 10 | ESR stand | | 25 | 25 |
| 11 | Laboratory thermometer | | 5 | 5 |



| 12 | Counting chamber | 10 | 10 |
|----|-------------------|-------|-------|
| 13 | Sphygnomanomete r | 1 | 1 |
| 14 | Lancets | 1Pack | 1Pack |
| 15 | Stethoscope | 1 | 1 |
| 16 | Clinical | 1 | 1 |
| | thermometer | | |

MAJOR EQUIPMENTS

DEPARTMENT: 1. PROSTHODONTICS AND CROWN & BRIDGE

EQUIPMENT REQUIREMENTS

| | Department | Specification | Requirement | Available |
|---|-----------------------------------|--|-------------|-----------|
| | Dental Chairs and Units | As per specification | 34 | 34 |
| | Semi adjustable articulator | With face bow | 4 | 8 |
| | Extra oral/intra oral tracer | | 4 | 4 |
| | Dewaxing unit | | 2 | 5 |
| | Curing unit | | 2 | 2 |
| | Dental casting machine | | 1 | 1 |
| | Wax burnout furnace | | 1 | 3 |
| | Pre heating furnace | | 1 | 1 |
| *************************************** | Surveying unit | | 2 | 5 |
| | Heavy duty hand piece | Lab micromotors | 4 | 4 |
| 6 2 9 | Autoclave | Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters | 2 | 5 |
| | Needle burner with syringe cutter | | 2 | 2 |
| | CAD CAM | | 1(Optional) | - |
| | LAB | | | |
| | Plaster Dispenser | One each for | 2 | 4 |



| | plaster and stone plaster | | |
|-------------------------------------|--------------------------------|-----|-----|
| Model Trimmer with Carborandum Disc | | 1 | 3 |
| Model Trimmer with Diamond Disc | | 2 | 3 |
| Acrylizer | | 3 | 8 |
| Lathe | | 2 | 5 |
| Flask press | | 4 | 6 |
| Deflasking unit | | 4 | 4 |
| Dewaxing unit | | 3 | 3 |
| Hydraulic Press | | 3 | 3 |
| Mechanical Press | | 2 | 6 |
| Vacuum mixing machine | | 1 | 3 |
| Curing pressure pot | | 1 | 2 |
| Hot water sterilizer | Compound bath | 2 | 2 2 |
| Geyser Phantom heads | | 50 | 50 |
| Pre-clinical working tables | Gas connection & bunson burner | 100 | 100 |

CERAMIC AND CAST PARTIAL LABORATORY

| Department | Specification | Requirement | Available |
|---|--|-------------|-----------|
| Plaster Dispensor | One each for plaster and stone plaster | 2 | 2 |
| Duplicator | | 1 | 2 |
| Pindex System | | 1 | 2 |
| Circular saw | | 1 | 1 |
| Burn out furnace | | 1 | 2 |
| Sandblasting machine | With two containers | 1 | 5 |
| Electro-polisher | | 1 | 2 |
| Model Trimmer with Carborandum disc | | 1 | 3 |
| Model Trimmer with Diamond disc | | 1 | 3 |
| Induction casting machine | | 1 | 1 |
| Programmable porcelain furnace with vacuum pump with instrument kit and material kit | | 1 | 1 |



| Spot welder with | | 1 | 1 |
|--------------------------|--------------------------|----|----|
| soldering, attachment of | | | |
| cable | | | |
| Vacuum mixing machine | | 1 | 1 |
| Steam Cleaner | | 1 | 2 |
| Spindle Grinder 24,000 | | 1 | 2 |
| RPM with vacuum suction | | | |
| Wax heater | | 1 | 2 |
| Wax carver | | 1 | 6 |
| Curing pressure pot | | 1 | 1 |
| Milling machine | | 1 | 2 |
| Heavy duty lathe with | | 1 | 1 |
| suction | | | |
| Preheating furnace | | 1 | 1 |
| Palatal trimmer | | 1 | 2 |
| Ultrasonic cleaner | 5 liters capacity | 1 | 4 |
| Composite curing unit | | 1 | 3 |
| Micro surveyor | | 1 | 1 |
| PRE-CLINICAL | Work table preferably | 60 | 60 |
| PROSTHETICS | complete stainless | | |
| LABORATORY | steel fitted with light, | | |
| | Bunsen burner, air | 20 | 20 |
| | blower, working stool. | | |
| | Adequate number of | | |
| | lab micro motor with | | |
| | attached hand piece | | |
| Plaster dispenser | One each for plaster | 2 | 2 |
| | and stone plaster | | |
| Vibrator | | 2 | 8 |
| Lathe | | 2 | 4 |
| Model Trimmer | | 1 | 1 |
| Carborandum Disc | | 1 | 3 |
| Diamond disc | | 1 | 2 |

DEPARTMENT: 2. CONSERVATIVE DENTISTRY AND ENDODONTICS



| Department | Specification | Requirement | Available | Remarks of inspector |
|-----------------------------------|--|-------------|-----------|----------------------|
| Dental Chairs and Units | As per specification | 34 | 36 | |
| 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 Autoclave proportion, Autoclave dispenser | 3 | 3 | |
| Pulp Tester-Digital | | 4 | 4 | |
| Apex Locator | | 2 | 2 | |
| Glass bead sterilizers | | 6 | 6 | |
| Plaster dispensers | | 2 | 2 | |
| Vibrator | | 2 | 2 | |
| 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 | 3 | 3 | |
| Bleaching unit | | 1 | 1 | |
| Magnification loops | | 2 | 2 | |
| Injectable gutta percha | | 3 | 3 | |
| CAD CAM | | 1(Optional) | 1 | |
| 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 ivorine teeth, preferably | 60 | 60 | |



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| | operator's stool (not to use | | | |
|----------------------|--|---|---|-------------------|
| | extracted or cadaver teeth). | | | |
| CLINICAL LABORAT | ORY | | | |
| 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 | 12 - 12 - 3 - 112 |
| Pneumatic chisel | | 1 | 1 | |
| Casting machine | Motor cast/induction casting preferred | 1 | 1 | |
| Ceramic Unit | | 1 | 1 | |

DEPARTMENT: 3. ORAL PATHOLOGY AND ORAL MICROBIOLOGY

| Department | Specification | Requirement | Available | Remarks of Inspector |
|-----------------------------------|--|-------------|-----------|-------------------------|
| Dental Chairs and Units | With shadowless lamp, spittoon, 3 way syringe, instrument tray and suction | 2 | 2 | |
| Slides | | 100 | 100 | |
| Slides Boxes | | 4 | 4 | |
| Microscopes | | 50 | 50 | |
| Microtome | | 1 | 1 | |
| Wax bath | | 1 | 1 | |
| Water bath | | 1 | 1 | |
| Knife sharpner | | 1 | 2 | |
| Hot plate | | 1 | 1 | |
| Spencer knife | | 1 | 1 | |
| Adequate slides projection system | | 1 | 1 | |

DEPARTMENT: 4. ORAL & MAXILLOFACIAL SURGERY

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A) EXODONTIA

| Department | Specification | Requirement | Available | Remarks of Inspector |
|-----------------------------------|--|-------------|-----------|----------------------|
| Dental Chairs and Units | As per specification | 25 | 25 | • |
| Autoclaves | Front loading Having wet and dry cycle, which can achieve 135°C with minimum capacity of 20 liters | 4 | 4 | |
| Ultrasonic Cleaner | Minimum capacity 13 liters with mesh bucket | 2 | 2 | |
| Needle burner with syringe cutter | | 8 | 8 | |
| Extraction forceps sets | Complete set | 20 | 20 | |
| Dental elevators | Complete set | 10 | 10 | |
| Minor Oral surgery kits | | 6 | 6 | |
| Emergency drugs tray | | 2 | 2 | |
| X-ray viewers | | 2 | 2 | |
| Pulse Oxymeter | | 2 | 2 | |
| BP appartus | | 2 | 2 | |
| Stethoscope | | 2 | 2 | |
| Thermometer | | 2 | 2 | |
| Glucometer | | 1 | 1 | |
| Oxygen cylinder | | 2 | 2 | |
| Oxygen mask adult | | 2 | 2 | |
| Oxygen mask Pedo | | 2 | 2 | |
| Impaction kit | | 3 | 3 | |
| Lab micromotor with handpiece | | 3 | 3 | |
| Trauma kit | | 1 | 1 | |
| High volume suction | | 2 | 2 | |
| Surgical straight hand piece | | 4 | 4 | |

B) MINOR SURGERY

| Department | Specification | Requirement | Available | Remarks of Inspector |
|-------------------|----------------------|-------------|-----------|----------------------|
| Dental Chairs and | As per specification | 5 | 5 | |
| Units | | | | |

DEPARTMENT: 5. PERIODONTOLOGY



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| Department | Specification | Requirement | Available | Remarks of Inspector |
|-----------------------------------|--|-------------|-----------|-------------------------|
| Dental Chairs and Units | Atleast 50% of the units should have the Ultrasonic scaler with high volume suction. | 34 | 34 | |
| | Note: Atleast 25% of the units should have the Airpolisher. | | | |
| 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 Cleaner | Minimum capacity 13 liters with mesh bucket | 2 | 2 | |
| Electro surgical cautery | | 1 | 1 | |
| Needle burner with syringe cutter | | 4 | 4 | |
| Laser | Soft tissue laser | 1 | 1 | |
| Physio dispenser with implant kit | | 1 | 1 | |
| X-ray Viewer (Extra Oral) | | 2 | 2 | |
| Hand scaler Supra gingival | Set of 8 | 10 | 10 | |
| Hand scaler Sub gingival | Set of 6 | 10 | 10 | |
| Set of curettes | Set of 12 | 2 | 2 | |
| Electro cauttery Kit | | 1 | 1 | |
| Periodontal Surgical Kit | | 3 | 3 | |

DEPARTMENT: 6. ORTHODONTICS

| Department | Specification | Requirement | Available | Remarks of Inspector |
|----------------------------|---|-------------|-----------|----------------------|
| Dental Chairs and Units | As per specification | 18 | 18 | |
| Unit mount scaler | | 5 | 4 | |
| Autoclave | Having wet and dry cycle, which can achieve 135°C | 2 | 2 | |

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| | with minimum capacity of 20 liters | | | |
|-----------------------------------|--|----|--------------|--|
| Ultrasonic Cleaner | Minimum capacity 13 liters with mesh bucket with digital timer | 2 |) - 1 | |
| ORTHO LAB | | | | |
| Plaster dispenser | One each for plaster and stone plaster | 2 | 2 | |
| Vibrator | | 2 | 2 | |
| Model Trimmer | | 2 | 4 | |
| 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 | |
| Soldering torch | | 1 | 1 | |
| Spot Welder | 12 1. 15 2. 5 2. 5 2. 5 | 1 | 1 | |

DEPARTMENT: 7. PAEDIATRIC AND PREVENTIVE DENTISTRY

KAVALKINARU

| Department | Specification | Requirement | Available | Remarks of Inspector |
|----------------------------|--|-------------|-----------|----------------------|
| Dental Chairs and Units | As per specification (Pedo chair preferred with micro head hand pieces) | 20 | 20 | |
| Autoclaves | Having wet and dry cycle, which can achieve 135°C with minimum capacity of | 2 | 2 | |

| | 20 liters. | | | |
|---|--|----|----|---|
| Ultrasonic cleaner | Minimum capacity 13 liters with mesh bucket with digital timer | 2 | 1 | |
| Needle Burner with syringe cutter | | 3 | 1 | |
| Amalgamator | | 1 | 2 | |
| 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 | 8 | |
| Extraction forceps | Pedo Forceps complete sets | 10 | 10 | |
| Intra-oral X-ray | | 1 | 1 | |
| RCT Instruments Kits | | 5 | 5 | |
| Automatic Developer | | 1 | 1 | |
| PEDO LAB | | | | |
| Plaster dispenser | One each for plaster and stone plaster | 2 | 1 | |
| Model Trimmer | With diamond disc | 1 | 1 | |
| Model Trimmer | With Carborandum disc | 1 | 2 | |
| Welder with soldering attachments | | 1 | 2 | |
| Vibrator | | 2 | 1 | |
| Lab micro motor | Heavy duty with Hps | 3 | 5 | |
| Dental Lathe | | 1 | 1 | |
| Steam cleaner | | 1 | 1 | |
| Pressure moulding machine | | 1 | 1 | |

DEPARTMENT: 8. ORAL MEDICINE AND RADIOLOGY.

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| Department | | Requirem ent | Available | Remarks of Inspector |
|--|--|--------------|-----------|----------------------|
| Dental Chairs and Units | As per specification | 12 | 12 | |
| Panoramic X-Ray with Cephalometric | Preferably digital AERB Certified | 1 | 1 | |
| Intra Oral X-ray Unit | AERB Certified | 3 | 3 | |
| Pulp testers | Digital | 3 | 4 | |
| 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 | 6 | |
| Radiovisiography with Intra Oral Camera | Digital Intra X-ray System with one Sensor and Software | 1 | 1 | |
| General X-ray Unit | | 1 | 1 | |
| Automatic Developers/Dark Room | AERB Criteria | 1 | 1 | |
| Lead Aprons | | 2 | 2 | |
| Lead Gloves | | 2 | 2 | |
| Lead collar | | 2 | 2 | |
| X-ray Hangers | | 6 | 8 | |
| Diagnostic Kits | Mouth mirror, dental probe, college tweezers | 40 | 75 | |
| Lead Screen | | 1 | 2 | |
| Biopsy Kit | | 1 | 2 | |
| 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 | |
| CBCT | AERB Certified, capturing the complete image in less than 30 sec. | 1(Optiona | 1 | |
| Diagnostic kit | | 25 | 30 | |
| Biopsy Kit | | 2 | 2 | |



| Sailography equipment | 1 | 2 | |
|-----------------------|-----|---|--|
| & Kit | - 6 | | |

DEPARTMENT: 9. PUBLIC HEALTH DENTISTRY

| Department | Specification | Requirement | Available | Remarks of Inspector |
|-----------------------------------|---|-------------|-----------|-------------------------|
| 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 wayscaler 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 | 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 | 2 | 2 | |



| | airrotor, micromotor, scaler and compressor 0.25HP | | | |
|------------------------------|--|---|---|--|
| 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 | | 5 | 5 | |

DEPARTMENT: DENTAL ANATOMY, EMBRYOLOGY, ORAL HISTOLOGY AND ORAL PATHOLOGY

AREA REQUIREMENTS

| Department | Specification | Required area |
|------------------------------------|-----------------------------|---------------|
| Dental Anatomy, Dental Histology & | Fitted with granite tables. | 2300 sq.ft. |
| ORAL PATHOLOGY LAB | To seat 50 students. | |
| HISTOPATHOLOGY ROOM | Fitted with granite/wood | 300 sq.ft. |
| | tables | |
| STAFF ROOM | | 200 sq.ft. |

EQUIPMENT REQUIREMENTS

| | Department | Specification | Requirement | Available | Remarks of Inspector | | | | | |
|---|---|---|---|-----------|----------------------|--|--|--|--|--|
| A | DENTAL ANATOMY D | ENTAL ANATOMY DENTAL HISTOLOGY & ORAL PATHOLOGY LAB | | | | | | | | |
| 1 | Microscope | | 50 | 50 | | | | | | |
| 2 | Television | With USB port For displaying slide | 1 | 1 | | | | | | |
| 3 | Teaching slides set with box | | 3 Sets (with minimum of 55 slides in each set) | 3 Sets | | | | | | |
| 4 | Education models & dental developmental set (Nissan like model) | | 3 | 3 | | | | | | |
| B | HISTOPATHOLOGY ROOM | | | | | | | | | |
| | Microtome | Manual/automatic | 1 | 1 | | | | | | |
| | Wax Bath | | 1 | 1 | | | | | | |



| Water Bath | | 1 | 1 | |
|-------------------------|------------------|------|---|--------|
| Knife Sharpener | | 1 | 1 | |
| Spencer Knife | | 1 | 1 | |
| Disposable Blade | | 1set | 1 | |
| Hot Air Oven | | 1 | 1 | |
| Organic Tissue Capsule | Small | 2 | 2 | |
| Distilled Water Plant | | 1 | 1 | 7 |
| Diamond Tip Pencil | | 1 | 1 | |
| Glass Dropper Bottle | | 5 | 5 | |
| Glass Bottle With Lid | | 5 | 5 | |
| Wide Mouth Bottles | 80 | 5 | 5 | |
| Glass Funnel | | 5 | 5 | |
| Glass Pipette | | 5 | 5 | |
| Glass Measuring Jar | | 5 | 5 | |
| Petri Dish 4" Glass | | 5 | 5 | |
| L Blocks | | 3 | 3 | |
| Loop Holder | | 3 | 3 | |
| Magnifying Glass | | 1 | 1 | |
| Toothed Forceps | | 5 | 5 | |
| Plastic Dropper | | 5 | 5 | |
| Petri Dish 50mm Glass | | 5 | 5 | |
| Gas burner/Spirit Lamp | | 1 | 1 | |
| Processing Bottles | | 5 | 5 | |
| Slide Warming Table | | 1 | 1 | |
| Slide Drying Tray | | 1 | 1 | |
| Slide Carrying Tray | | 1 | 1 | |
| Staining Basket SS | | 1 | 1 | |
| Staining Trough SS | Stainless steel | 1 | 1 | |
| Staining Trough Glass | | 1 | 1 | |
| Slide Staining Rack SS | Stainless steel | 1 | 1 | |
| Slide Box | | 1 | 1 | |
| Slides Storage Cabinet | | 1 | 1 | 3.631. |
| Wax Block Storing | | 1 | 1 | |
| Cupboard | | | | |
| C ORAL PATHOLOGY F | REPORTING STATIO | N | | |
| Microscope – Trinocular | | 1 | 1 | |
| Colour Printer | | 1 | 1 | |
| Desktop Computer | | 1 | 1 | |

Note: These provisions shall come into force only after suitable amendment to be carried out into the existing Revised BDS Course Regulations 2007 which are under active consideration with the Council.

Whether all the above-mentioned equipments are functioning? Yes



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

| Total Electrical Dental Chairs Installed with all the attachments thereon | 203 |
|---|---|
| Whether all the chairs and units are functioning and electrically operated? | Yes |
| Total No. of functional Chairs | 276/ 200 |
| Total No. of Chairs in DENTAL CLINIC | 276/ 200 |
| | Installed with all the attachments thereon Whether all the chairs and units are functioning and electrically operated? Total No. of functional Chairs Total No. of Chairs in DENTAL |

Airrotor, Micromotor with straight and contrangle Handpiece, instrument tray and suction, Dental operator stool with height adjustment

| Sl. No. | Required for 100 admissions | BDS required | BDS Available |
|----------------------------|---|--------------|------------------|
| 1. | Prosthodontics and Crown & Bridge | 34 | 34 |
| 2. | Periodontics | 34 | 34 |
| 3. | Oral Maxillofacial Surgery | 30 | 30 |
| 4. | Conservative Dentistry and Endodontics | 34 | 34 |
| 5. | Orthodontics and Dentofacial Orthopaedics | 18 | 18 |
| 6. | Oral and Maxillofacial Pathology and Oral Microbiology | 02 | 02 |
| 7. Public Health Dentistry | | 16 | 16 |
| 8. Pediatric Dentistry | | 20 | 20 |
| 9. | Oral Medicine and Radiology | 12 | 12 |

EXAMINATION HALL FACILITIES (Required area 3600 sq. ft) XIV



| | Sl. No. | Description | | Quantity | |
|----|---------|--|---|----------|--|
| | 1. | 1. Pentium – IV Computer /Laptop /Windows 2000/windows XP / Internet explorer/Mozilla Firefox, Adobe Acrobat Reader / Anti virus software. | | | |
| | 2. | | | | |
| | 3. | | | | |
| | 4. | Copier machine with min. of 90 PPM | | 1 | |
| | 5. | Broadband Internet | | 1 | |
| | 6. | 1 | | | |
| | 7. | Power Generator | | 1 | |
| 1. | Whethe | Whether all the facilities available in the examination? | | | |
| 2. | | r CC TV Camera Footages available in ation Halls? | Y | es | |
| 3. | | Whether CCTV Camera is functioning? | | | |
| 4. | | Whether the metal detector in the centre? | | | |
| 5. | Whethe | er the jammer in the centre? | Y | es | |

| XV | OTHER FACILITIES | | |
|-----|--|---------------------------|--|
| | i) Rural centres with suitable staff and equipments | Yes | |
| | ii) To Satellite Centre with suitable staff and equipments | Yes | |
| | iii) One bus earmarked for Dental College alone | Yes | |
| XVI | | | |
| | FURNITURE | | |
| | Adequate Furniture for : | | |
| | Faculty | Yes | |
| | Non-teaching Staff | Yes | |
| | Adequate Furniture : | Yes | |
| | Lockers for students | Boys : Yes Girls : Yes | |
| | Common hall | Boys : Yes Girls : Yes | |

XVII ACCOMMODATION



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| , | i) STAFF QUARTERS (SEPARA | TE FRO | M HOSTEL) |
|---|--|--------|---------------------------|
| 1 | Whether separate quarters for Principal / | | Yes |
| | Dean of the Dental College building within | | |
| | the campus | | |
| 2 | Staff quarters | | Yes <u>21</u> / 19 Nos. |
| 3 | Type (No of rooms) | No. | Occupancy Rate (verified) |
| 4 | Principal/Dean's Bungalow | 1 | |
| 5 | Guest House with minimum 2 | 4 | |
| | double bed rooms. | | |

| | ii) HOSTEL FOR BOYS & GIRLS. (T | o extent of 50% of strength) |
|----|---|---|
| 1 | Whether the building of Hostels for Boys & Girls is separate for the dental college building within the campus. | Boys: Yes Girls: Yes |
| 2 | Hostel facility is available for minimum 50% of total intake | Yes |
| 3 | Whether hostel is shared by other colleges/institutions | Boys: No Girls: No |
| 4 | Whether there is a separate hostel for post graduate & undergraduate students. | Boys: Yes Girls: Yes |
| 5 | Whether there are separate wardens for both the boys & Girls Hostel | Boys: Yes Girls: Yes |
| 6 | If yes their names & telephone numbers. | Boys: Dr.K.Tamilselvan - 9629252518 Girls: Mrs,Vijayakumari - 9943988745 |
| 7 | Whether Inmate Register maintained in both Hostel | Boys: Yes Girls: Yes |
| 8 | Whether Kitchen inside the campus are available | Boys: Yes Girls: Yes |
| 9 | Whether there is a separate Mess for boys and Girls | Boys: No Girls: No |
| 10 | Whether Basic facilities in the Hostel room for students (1 Cot, 1 Cupboard / Table / Chair / fan) | Boys: Yes Girls: Yes |
| 11 | Whether basic amenities (electricity, Ventilation, Telephone, Internet, water treatment Plant, wash room for every 4 students, etc.,) are available | Boys: Yes Girls: Yes |
| 12 | Whether there is a separate area for recreation (TV), play area for indoor / out door games, gymnasium for boys & Girls & reading room with books & magazines | Boys: Yes Girls: Yes |



| Dwelling | Single | Boys: | Triple | % of | No. of | No. of | Remarks of Inspector |
|----------|--------|--------|--------|---------------|----------|--------|----------------------|
| | Seater | Ye | Seater | Accommodation | equipped | messes | |
| | | S | | against total | Common | | |
| | | Girls: | | strength | Rooms | | |
| | | Ye | | | | | |
| | | S | | | | | |
| UG Boys | 10 | 20 | 15 | 70 | 2 | | |
| UG Girls | _ | 20 | 20 | 80 | 2 | 1 | |

| XVII | CENTRAL LIBRARY | Available | Remarks of Inspector |
|------|--|-----------------------------------|-------------------------|
| 1 | Name of the Chief Librarian with qualifications | Mrs.M.Jothi,B.Sc,M. | |
| | (MLIS) | L.I.Sc., | |
| 2 | Assistant Librarian with qualifications (MLIS) | Mr.S.Kannan, B,Com.,M.L.I.Sc., | |
| 3 | Timing of functioning of the Library (minimum 8 hours) | 8.30AM to 7.00PM | |
| 4 | Total Number of Books (Minimum 600) 6 Titles for all specialties plus 5 copies each of all the subjects of first year, 2 nd year & 3 rd Year students | 7929 | |
| 5 | Total Number of Journals No. 26 | 64 | |
| | i) Indian Journals - (1 National Journal in each subject of the 9 Dental specialties) | 9 | |
| | ii) Indian Journals - (1 National Journal in each subject of the 8 basic medical science | 8 | |
| | iii) International Journals - (1 International Journals for each 9 dental specialty) | 38 | |
| | iv) Back Volumes - (Back Volumes of all National Journal of 9 Dental Specialties) | Yes | |
| | iv) e- Journals / e-Consortium details | Yes | |
| 6 | Total Area (Minimum 8000 sq.ft.) | 8000 sq.ft. | |
| 7 | Seating Capacity (it should be minimum 50% of total strength) | 275 Seats | |
| | Under graduate students | 255 | |
| | Post graduate students | 30 | |
| | Staff | 15 | 5782 23 |
| 8 | List of books recommended by the Dental Council of India. There should be 5 copies for 100 admissions | Yes | |
| 9 | Journal Room | Available | |
| 10 | Internet Room with 5 Nos. of Computer | 30 | |



| 11 | Room for Librarian | Available | |
|----|---|-------------|---|
| 12 | Photo copying area | Available | 5 |
| 13 | Staff available in the Library | 3 | |
| | Audio Visual aids available | Available | |
| | Number of CD's | 50 | |
| | Academic | | |
| | Educational | - | |
| 14 | Annual budget for Books, Journals, Audiovisual aids provided & utilized to be verified with | 32,90,404/- | |
| | invoice | | |

| S.No. | Amenities | Available / Not Available | Sq. Ft. |
|-------|--------------------------------------|------------------------------|---------|
| 1 | Reception and waiting | Available | 1080 |
| 2 | Issue Counter | Available | 300 |
| 3 | Photocopying area | Available | 200 |
| 4 | Journal Room | Available | 1658 |
| 5 | Staff Reading Room | Available | 168 |
| 6 | Store and Stocking Room | Available | 2122 |
| 7 | Digital Library | Available | 284 |
| 8 | Chief library Room/Assistant Library | Available | 250 |
| 9 | Students Cloak Area | Available | 400 |
| 10 | Seating Area | Available | 2000 |

| XIX | CLINICAL MATERIALS to be checked at the end of the OPD (Attendance Register to be checked & signed at the beginning and the end of the OPD and duly filled by the Inspectors) | | | |
|-----|---|-------------------------|--|--|
| | No. of Patients: | | | |
| | MEDICAL COLLEGE | | | |
| | OPD Attendance | Average (Last 6 months) | | |
| | ATTACHED GENERAL HOSPITAL (applicable if Medical College is more than 10 kms) | | | |
| | OPD Attendance | Average (Last 6 months) | | |
| | DENTAL COLLEGE HOSPITAL | | | |
| | OPD Attendance | Average (Last 6 months) | | |
| | * Minimum requirement of new patient's is 50 patients per day for the 1 st year in the Dental College Hospital OPD | | | |
| | *Minimum requirement of new patient's for Medical College is 800 Patients per day as per MCI Regulations. | | | |

