

DR. NTR UNIVERSITY OF HEALTH SCIENCES

*ANDHRA PRADESH
VIJAYAWADA*



***RECOMMENDATIONS ON STATUTE ON AFFILIATION OF
MASTER OF DENTAL SURGERY COURSES
ADOPTED BY THE EXECUTIVE COUNCIL OF
DR. NTR UNIVERSITY OF HEALTH SCIENCES
ANDHRA PRADESH, VIJAYAWDA***

GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

Medical Education – Permission to start Post Graduate Diploma Courses in the
State of Andhra Pradesh under Dr.NTR University of Health Sciences,
Vijayawada- Accorded - Orders – Issued.

HEALTH MEDICAL AND FAMILY WELFARE (C1) DEPARTMENT

G.O.MS.No. 142

Dated :27-11-2014

Read the following:

1. From the Secretary, Lenora Institute of Dental Sciences, Rajanagaram Rajahmundry, East Godavari District, dt. 23/06/2014
2. Govt. Lr No.7882/C1/2014, HM&FW(C1)Deptt , Dt.15-07-2014
3. From Registrar, Dr.NTRUHS, Vijayawada, letter No.43/A4/13, dated.17.09.2014

ORDER:

In the letter 1st read above, the Secretary, Lenora Institute of Dental Sciences, Rajanagaram, Rajahmundry, East Godavari has submitted that Lenora Institute of Dental Sciences, Rajanagaram, Rajahmundry, East Godavari District under Christ of Church has been running UG and PG courses viz., BDS and MDS. There are only three Dental colleges in the entire state of Andhra Pradesh which are running MDS courses. Like in the case of Medical stream, there are Diploma courses in Dental category also, which are approved by Dental Council of India, but the same have not been started in the State.

2. The Secretary, Lenora Institute of Dental Sciences, Rajanagaram, Rajahmundry, East Godavari has further submitted that Lenora Institute of Dental Sciences intends to start the PG Diploma (Fellowship) courses in the department of Conservative Dentistry, Prosthodontics, Orthodontics, Periodontics and Pedodontics and request the Government to forward the application to Director of Medical Education for causing inspection of the Lenora Institute of Dental Sciences to assess the mandatory requirements as prescribed by the Dental Council of India and to recommend for Essentiality Certificate to enable them to apply to Dental Council of India to start the above listed new courses.

3. In the letter 2nd read above, the Registrar, Dr.NTR University of Health Sciences, Vijayawada has been requested to examine the request of Secretary, Lenora Institute of Dental Sciences, Rajanagaram, Rajahmundry, East Godavari with reference to Dental Council of India Regulations 2006 and offer his remarks in the matter.

4. In the letter 3rd read above, the Registrar, Dr.NTR University of Health Sciences, Vijayawada vide his letter dated.17.09.2014, has reported that as per the 'Dental Council of India, New Delhi, opening of Higher Courses of Study Regulations, 2006', for starting a new higher course or training in dental subjects including Post Graduate Diploma courses or training in a Dental College, a Dental College, subject to regulation 12, shall apply to the Central Government by submitting a scheme in this regard in Form-2, as prescribed for obtaining its permission in conformity with the relevant regulations of the Dental Council of India.

Contd.

- a. The Dental qualification granted to the students of the dental college is recognized for running BDS course and conforms to the norms laid down by it.
- b. The certificate regarding desirability and feasibility for starting a new or higher course of study or training at the dental college has been obtained by the college from the State Government or the Union territory administration as the case may be.
- c. Letter of University's permission, valid for the entire duration of the course, for starting such course or training at the dental college has been obtained by it from the University to which it is affiliated.
- d. The dental college has the full complement of staff, equipments and other infrastructure facilities prescribed for under-graduate training programme and also fulfills additional requirements in respect of funds or allocation of finances, staff and other infrastructure facilities as per the norms prescribed by the Council and approved by the Central Government under Section 20 of the Act in the MDS Regulations 1983 and PG Diploma Regulations, 1983 as amended from time to time.
- e. Selection of candidates for post graduate degree and post graduate diploma course will be made strictly on the basis of academic merit.

5. The Registrar, Dr.NTR University of Health Sciences, Vijayawada has also reported that as per Dental Council of India, New Delhi 'Post Graduate diploma Course Regulations, 2008', the duration of the Diploma courses in various specialties of Dentistry shall be of two (2) years duration which will be further divided into four (04) semesters as under:

First and second semesters: Preclinical work and Applied Basic Sciences.

Third and Fourth Semesters: Clinical Work.

That all the candidates for the post Graduate Diploma are required to pursue the prescribed course for atleast two academic years as full time candidates in a BDS recognized and MDS approved / recognized Institution under the direction of the Head of the Department, who has to be a recognized post graduate teacher in that specialty.

STAFFING PATTERN:

The diploma courses shall be conducted only in post graduate department in a BDS recognized and MDS approved / recognized institution by the Dental Council of India. For each seat of post graduate diploma course one additional reader is required.

A department, which does not have the above staff pattern, shall not start a post graduate diploma course in that specialty.

Contd.

University Examination

There shall be one examination at the end of 02 years.

The University shall hold examination twice a year with minimum gap of four months between the two examination. The University examination shall have the following components.

- a. Written
- b. Clinical and / or Practical.
- c. Viva voce or oral examination.

Written examination:

The written examination shall consist of three papers, out of which two shall be pertaining to the specialty one in Applied Basic Sciences. Each paper shall be of three hours duration and shall include recent advances.

Clinical / Practical Examination:

It should aim at examining clinical skills and competence of candidates for undertaking independent work as a specialist. The actual format of clinical examination in various specialties could be worked out by various universities making sure that the candidates is given ample opportunity to perform various clinical procedures. The council desires that the actual format is made known to the students prior to the examination well in advance by the respective universities.

Viva voce Examination:

Viva voce examination shall aim at assessing depth of knowledge, logical reasoning confidence and verbal communication skills.

The Council desires that only two examiners conduct the viva at a time as two teams, each team for 20 minutes. When one examiner is conducting the viva, the other examiner could make a note of the questions asked and the performance level to enable proper assessment and award of marks.

Distribution of marks at the University examination:

Theory	:	
Paper I	:	100 marks
Paper II	:	100 marks
Paper III	:	100 marks

Total		300 marks

Clinical examinations	:	200 marks
Viva-Voce	:	100 marks

Infrastructure & Functional Requirements:

In addition to the existing facilities for the training of post graduate students all the post graduate departments running diploma courses shall provide for each diploma admission an additional dental chair and unit and other such instruments, equipments and clinical material as required for the clinical training.

6. In view of the above, the Registrar, NTR University of Health Sciences, Vijayawada has requested that the Dental Colleges which fulfills the infrastructure and functional requirements and clinical materials as indicated in the above Dental Council of India Regulations may be permitted to start the Post Graduate Diploma Courses.

7. The Government after careful consideration of the proposal hereby accord permission to Dr.NTR University of Health Sciences, Vijayawada to start postgraduate diploma courses in Dental sciences, as per the Dental Council of India (Establishment of New Dental Colleges, opening of a new or higher course of study or training and increase of admission capacity in Dental Colleges) Regulations, 2006, read with Dental Council of India Post Graduate Diploma Course Regulations (Dental Material) 2008 and Dental Council of India Post Graduate Diploma Course Regulations, 2008 and as amended subsequently, in the Dental Colleges which fulfill the infrastructure and functional requirements and clinical material. The Syllabus and other essential aspects shall be as prescribed by Dental Council of India.

8. The Director of Medical Education , AP, Hyderabad / Registrar, Dr.NTR University of Health Sciences, Vijayawada shall take necessary action in the matter.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

L.V.SUBRAHMANYAM
PRINCIPAL SECRETARY TO GOVERNMENT

To

The Director of Medical Education,(Academic) A.P. Hyderabad
The Registrar, Dr. NTR University of Health Sciences, Vijayawada.
The Secretary, Dental Council of India, Aiwan-E-Galib Marg, Kotla Road, New Delhi

Copy to:

The Director of Medical Education,(Academic) A.P. Hyderabad
OSD to Minister (H &ME)
PS to Principal Secretary, HM&FW Dept
SF/SC.

// FORWARDED :: BY ORDER //

SECTION OFFICER

PROCEEDINGS OF THE VICE-CHANCELLOR
Dr. NTR UNIVERSITY OF HEALTH SCIENCES::A.P.::VIJAYAWADA – 520 008
PRESENT Dr. T.RAVI RAJU, MD.,DM.

Lr.No.142/A2/2014

Dt:31-01-2015

Sub: - Dr. NTR UHS - Academic – Starting of Post Graduate Diploma Courses
in Dental Sciences – Reg.

Ref:- 1. G.O. Ms.No. 142, dt: 27-11-2014, HM & FW (C1) Dept., Govt. of A.P,
Hyderabad.
2. Orders of the Vice-Chancellor, dt: 19-01-2015

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ORDER:

Permission is hereby accorded for starting of Post Graduate Diploma Courses in Dental Sciences as per the Dental Council of India (Establishment of New Dental Colleges, opening of a new or higher course of study or training and increase of admission capacity in Dental Colleges) Regulations, 2006, read with Dental Council of India Post Graduate Diploma Course Regulations (Dental Material) 2008 and as amended subsequently, in the Dental Colleges which fulfill the infrastructure and functional requirements and clinical material. The Syllabus and other essential aspects are as prescribed by Dental Council of India time to time.

The same shall be included in the Statutes on affiliation of Master of Dental Surgery courses.

//BY ORDER//


REGISTRAR


To

The Deputy Registrar (Academic), Dr. NTR UHS, VJA.

Copy to the Principals of all Dental Colleges affiliated to Dr. NTR UHS, VJA

Copy to the Principal Secretary to Govt., HM & FW Dept., Govt. A.P, Hyderabad.

Copy to Director of Medical Education, A.P, Hyderabad.

Copy to COE (Examinations) & OSD (Admissions), Dr. NTR UHS, VJA.

Copy to PS to Vice-Chancellor / P.A to Registrar, Dr. NTRUHS, Via.

Dr. NTR UNIVERSITY OF HEALTH SCIENCES::A.P.:VIJAYAWADA – 520 008
RECOMMENDATIONS ON STATUTE ON AFFILIATION FOR STARTING OF

MASTER OF DENTAL SURGERY COURSE

ADOPTED BY THE EXECUTIVE COUNCIL OF Dr. NTR UHS.

1. These statutes may be called the Dr. NTR University of Health Sciences, AP Statutes on Affiliation for starting of Master of Dental Surgery (MDS) Course.
2. The words and phrases used in these statutes shall, unless expressly explained otherwise, have the same meaning as they have with reference to the Dr. NTR University of Health Sciences Act 1986 hereinafter called “the Act”.
3. It shall be necessary for the established Dental Colleges seeking affiliation from the Dr. NTR University of Health Sciences, Vijayawada for starting Master of Dental Surgery (MDS) Course of study to apply for consent of affiliation of their college with the University of Health Sciences, Vijayawada. The application shall be in form -1 annexed with these statutes.
4. (i) Only Government / Educational Trust / Society (hereinafter referred to as ”applicant”) with sufficient financial soundness and which satisfy the conditions stipulated hereunder in sub-statute
 (ii) shall be eligible for starting of Master of Dental Surgery (MDS) Course in their College.
 (iii) Application from the individuals for affiliation will not be entertained.
 (iv) Only Dental Colleges affiliated to the Dr. NTR University Health Sciences, Vijayawada Conducting BDS course are eligible to apply for starting Master of Dental Surgery (MDS) Course.
 (v) Atleast one batch of BDS Students should have completed the BDS course in the respective College
 (vi) The college should have been permitted by the DCI to start Postgraduate courses in dental specialities. The college should have obtained the Certificate of permanent recognition from the DCI.
5. The application for **consent of affiliation** from the University of Health Sciences, Vijayawada, shall be **submitted** in Form-I Annexed with these statutes addressed to the Registrar of University of Health Sciences, Vijayawada and shall be submitted to the Registrar alongwith permission of Govt. of Andhra Pradesh to establish the proposed Dental College in 5 copies before 1st September of the academic year preceding to which affiliation is sought for.
6. The application for consent of affiliation shall accompany the Essentiality Certificate issued by the Govt. of Andhra Pradesh along with Demand Draft for a sum of **Rs. 25,000/-** (Rupees Twenty five thousand only) or such an amount as may be prescribed by the Executive Council from time to time Dr awn in favour of the Registrar, University of Health Sciences, Vijayawada towards inspection fee.
7. On receipt of the application for **consent for affiliation**, the University shall scrutinize the same and verify by deputing an Inspection Committee, whether the conditions required to be fulfilled by the applicant to become eligible to receive the said **consent of affiliation** as may be required by University of Health Sciences, Vijayawada from time to time.
8. The University if fully satisfied on the basis of the report of the inspection committee that all the conditions required to be fulfilled by the applicant are fulfilled shall issue **consent of affiliation** as prescribed by D.C.I., New Delhi, to the applicant to enable the applicant to make further arrangements to start the first year BDS degree course of study in the proposed Dental College
9. The issue of the **consent of affiliation** alone shall not confer any right to the applicant to start the MDS degree course of study.

10. The applicant on receipt of the Consent of affiliation shall submit an application for permission of Government of India as required under regulations 1993 on establishment of new Dental Colleges of Dental Council of India.

11. The application for affiliation for starting 1st year MDS course shall be in writing and in Form-III annexed with these statutes addressed to the Registrar of University of Health Sciences, Vijayawada and shall be submitted to the Registrar, Dr. NTR UHS as per the schedule fixed by the university from time to time along with letter of permission from Government of India for starting of 1st year MDS course.

12. The application for starting 1st year MDS course shall be submitted in the following format.

- a) Name of the Trust / Society with full address;
 - b) Name of the College;
 - c) The specialties in which MDS course is proposed to be started
 - d) The number of seats students proposed in each specialty.
 - e) The availability of the teaching staff, and non-teaching staff
 - f) The availability of the Infrastructure, buildings and other Physical facilities.
 - g) The availability of the equipment for training the MDS students.
 - h) The availability of the Clinical OPD and IP facilities.
 - i) The availability of the accommodation/Hostel for the students.
 - j) The applicant Trust / Society shall also enclose the Demand Draft for Rs.25,000/- (Rupees twenty five thousand only) in favour of the Registrar, Dr. NTR UHS., Vijayawada towards inspection fee (Rs.25,000/- for each speciality) or such amount as may be prescribed by the Executive Council from time to time.
 - k) The applicant shall provide such other particulars as may be required by the Dr.NTR University of Health Sciences, Vijayawada from time to time.
13. On receipt of the application for the affiliation, the University shall scrutinize the same and verify, by deputing an Inspection committee, whether the conditions required to be fulfilled by the applicant to become eligible to receive the said affiliation are fulfilled. The Inspection Committee may consist of eminent persons in the faculty.
14. The Inspection Committee shall specifically examine whether the required facilities are fulfilled by the applicant or not and the committee shall submit a report in the form V annexed with these statutes.
15. The applicant shall, provide the following facilities for starting 1st year Master of Dental Surgery (MDS) courses:
- a) Shall have appointed all the staff members required to run MDS course in the respective departments.
 - b) Additional staff for starting Master of Dental Surgery (MDS) course.

The staff requirement shown below is the minimum requirement in a dental college wishes to conduct MDS course in a dental college which is already conducting BDS Course. It has to be increased depending on the intake of UG and PG students.

Table:1. Showing the teaching staff requirements:

STATEMENT SHOWING THE POSTS REQUIRED FOR M.D.S. COURSE					
Sl. No.	Department	Posts required as per DCI NORMS			
		Prof	Asso Prof	Asst. Prof	Tutors
1	Oral Medicine and Radiology	1	1	1	0
2	Oral Surgery	1	1	1	2
3	Periodontia	1	1	1	1
4	Conservative Dentistry	1	1	1	2
5	Pedodontia	1	1	1	0
6	Orthodontia	1	1	1	0
7	Prosthodontics	1	1	2	2
8	Oral Pathology	1	1	1	1
9	Community Dentistry	1	1	1	0
10	Dental Materials	0	1	0	1
11	Oral Biology	0	1	0	0
	Total	9	11	10	9

- Teacher Student Ratio for MDS Course Professors 1: 2, Asso.Prof./Reader: 1:1,
- All teachers shall be full time teachers
- PG teachers shall have PG qualification in respective speciality (recognized by DCI).

Principal:

Senior Most Professor can act as principal

Professor :-

Shall have 9 years teaching in the specialty of which 5 years as reader

Associate Professor/Reader :-

Shall have 4 years teaching experience after PG qualification in the respective speciality

Assistant professor / Sr. Lecturer:-

Shall have PG qualification in the respective speciality

Table2. Showing Teaching staff for Medical Subjects:

Full time Teaching staff for Medical Subjects	Staff Requirement for 40 Admissions (Minimum)	
	Reader/ Asst. Prof	Lecturer/ Tutor
Anatomy	1	2
Physiology & Biochemistry	1	2
Pharmacology	1	2
Pathology & Microbiology	1	2
Medicine	1	2
Surgery	1	2
Anaesthesia	1	1

Teaching experience for Medical Staff: (As prescribed by the Medical Council of India)

Professor : PG qualification with 4 years as Associate Professors

Associate Professor/Reader: PG qualification with 5 years as Assistant Professor

Asst. Professor /Lecturer: PG qualification in respective subject

Tutor: MBBS Graduate

Table 3. Non-Teaching Clinical Posts:

Residents:- 3 (for oral surgical indoor/outdoor emergency cases round the clock)
Dental Surgeons:-- 4 (for 100 old and new patients) 2 (for every additional 100 old and new patients)

Table 4. showing Other staff:

(Minimum Staff Requirements as per DCI norms)

Administrative Officer –1

Secretary to Dean – 1

Public relation officer –1

Designation	Reception	Establishment	Accounts	Admissions	Exams	Stores	Library	Maintenance	Security	Illustration	Clinical Depts	Computer	Laboratories	Sports	Total
Manager/Office Suptd.		1	1						1			1			4
Assistants		1	1	1	1	1	2	1							8
Receptionist	8														8
Librarian							1								1
D.S.A. (Chair side Assistant)*											10				10
Dent. Tech.											6				6
Dent. Hygst.											3				3
Radiographer											2				2
Photographer										1					1
Artist										1					1
Programmer												1			1
Data entry Operators												1			1
Physical Director														1	1
Engineer								1							1
Electricians								2							2
Plumber								1							1
Carpenter								1							1
Mason								1							1
A.C.Tech.								1							1
Helpers Electrical								1							1
Sweepers & Scavengers							2	2			3		3		10
Attenders	2	1	1		1	1	1	2			4	1	4		18
Security Personal									5						5
Dept. Secretaries											4				4
Driver									4						4
Nurses											3				3
Lab. Technicians													3		3
Dental mechanic											2				2

The applicant shall produce evidence to the effect that the Colleges is fully equipped as required for MDS course in the respective departments. Additional requirements for starting MDS course Separate room for each Faculty member with attached toilets shall be provided.

16. The applicant shall provide following medical physical facilities and infrastructure in proposed dental college for starting of MDS course and evidence should be produced .

17. PHYSICAL FACILITIES AND INFRASTRUCTURE

1. Space- floor area should be separately shown separately for MDS course specialities wise:
 - a. Postgraduate clinic:
 - b. Postgraduate clinical laboratory:
 - c. Postgraduate seminar room:
 - d. Postgraduate research room:
 - e. Postgraduate accommodation:
 - f. Postgraduate teaching staff accommodation

2. Space and floor area in a college running BDS course and applying for starting of MDS courses shall have the following minimum facilities.

a. Administrative block	– 1500 sq.ft.
b. Library consisting of	– 4000 sq. ft.
c. Lecturer halls – 4 Nos	- 4000 sq. ft
d. Central stores	- 400 sq. ft.
e. Maintenance room:	- 400 sq.ft.
f. Photography and artist room	– 250 sq. ft.
g. Medical stores	- 200 sq. ft.
h. Amenities area	- 2000 sq. ft.
i. Compressor and room for gas plant	-200 sq. ft.
j. Pollution control measures:	- As required
k. Animal house	- As required
l. Cafeteria:	- 800 sq. ft.
m. Examination hall	– 1500 sq. ft.
n. Hostels:	As required
o. Staff quarters ;	As required
p. Play ground:	As required
q. Auditorium:	As required
r. Distilled water plant	1

3. Clinical departments -

- Reception and waiting room – 300 sq. ft.
- Undergraduate clinic adequate to accommodate the prescribed number of dental chairs and units.
- Sterilization room where central sterilization facilities are not provided – 200 sq. ft.
- Small department stores – 100 sq.ft.
- Seminar room – 400 sq. ft.

4. Staff rooms –

- HODs room - 180 sq.ft.
- Readers' room – 150 sq.ft.
- Lecturers' room – 300 sq.ft.

5 Main reception: and dental records section : 1500 sq. ft.

6. Total approximate area for UG clinics 12,500 sq.ft

18. The equipment shall be provided as per the Annexure No.3.

19. The University, if fully satisfied on the basis of the inspection report that all the conditions required to be fulfilled by the applicant are fulfilled, shall issue an affiliation (in Form II annexed with these statutes) to the applicant to enable the applicant to start the first year MDS (Dental) PG degree course of study in the college. Subject to fulfillment of provisions in statutes 22 and 23.

20. The annual affiliation fee in case of Private Dental Colleges shall be Rs.50,000/- (Rupees fifty thousand only) per annum per each specialities wise and in case of Government Dental Colleges the Annual Affiliation fee shall be Rs.3,000/- (Rupees three thousand only) per annum per each specialities.

21. In case there are lacunae in the fulfillment of the conditions, the University may conduct re-inspection on payment of a sum of Rs.10,000/- (Rupees ten thousand only) or such amount as may be prescribed by the Executive Council from time to time, by means of a Demand Draft drawn in favour of the Registrar, Dr. NTR University of Health Sciences, Vijayawada towards the re-inspection fee and shall receive a final report from the Inspection Committee.

22. After a detailed examination of the final report of the Inspection Committee and if the University is fully satisfied as to the fulfillment of the conditions for the affiliation for the first year MDS (Dental) PG degree courses, the University shall direct the applicant to remit a fee of Rs. 50,000/- (Rupees fifty thousand only) per each speciality or an amount fixed by the Executive Council from time to time towards affiliation and administrative fee in the form of a Demand Draft drawn in favour of Registrar, Dr. NTR University of Health Sciences payable at Vijayawada.

23. On the remittance of the affiliation fee as specified in Statute 12, by the applicant the University shall grant provisional affiliation in Form – II for the first year in each branch of MDS (Dental) course

The Professor / student ratio shall be **1:2**.

The Associate Professor/Reader vs student ratio shall be 1:1

Even if the member of qualified teachers is more than two, the intake of students in each specialty of MDS Dental course shall not exceed 4 per year.

24. The University shall be competent to withdraw the provisional affiliation granted herein by giving three months notice stating the reasons therefore to the applicant.
25. (1) The provisional affiliation granted by the University shall be only for starting and running MDS (Dental) course.
 (2) The principal should send the details of program of teaching for MDS (Dental) students once in 3 month (a copy of which is to be given to all the students) and should stick to it. If there is any major change, the University should be informed.
 (3) The institution shall pay an affiliation fee of Rs.50,000/- (Rupees fifty thousand only) per annum per course as long as it is affiliated with the University irrespective of 1st /2nd /3rd & subsequent years.
26. **By the time of six months period is left for the 1st year MDS (Dental) PG degree examinations, the applicant shall apply to the University for affiliation 2nd year MDS (Dental) PG degree Course in form – III Annexed with these statutes enclosing a certificate that all the rules and regulations of the University are being adhered to strictly and that the teaching program is carried out as per the program furnished by it to the University. A Demand Draft for Rs. 25,000/- (Rupees twenty five thousand only) for each speciality or such amount as may be prescribed by the Executive Council from time to time Drawn in favour of the Registrar, Dr. NTR University of Health Sciences, Vijayawada shall be enclosed along with the application towards the Inspection Fee for MDS courses.**
27. **On receipt of the application for affiliation for the 2nd year MDS (Dental) PG degree Course of study the University shall send its Inspection Committee atleast three months before the date of commencement of the 1st year examinations.**
28. **The Inspection Committee sent by the University shall inspect the facilities available in the college and the quality of teaching and report to the University as to whether all the facilities required to be provided by the college are actually provided and whether teaching imparted is satisfactory. The Inspection Committee shall also point out in its report the lacunae, if any, in the fulfillment of the conditions, required to be fulfilled and also advise as to the capability of the college to rectify the lacunae within a period of two months. In case there are any lacunae in the fulfillment of the conditions, the University may conduct re-inspection on payment by the applicant towards re-inspection fee Rs.10,000/- (Rupees ten thousand only) or such amount as may be prescribed by the Executive Council from time to time by way of Demand Draft Drawn in favour of the Registrar, Dr. NTR University of Health Sciences, Vijayawada towards the re-inspection fee and shall receive a final report from the Inspection Committee.**
29. **After a detailed examination of the final report of the Inspection Committee, if the University is fully satisfied as to the fulfillment of the conditions for the affiliation for the 2nd year MDS (Dental) PG degree courses after collecting Rs.50,000/- (Rupees fifty thousand only) for each speciality or such amount as may be prescribed by the Executive Council from time to time MDS (Dental) course, from the applicant by means of a Demand Draft Drawn in favour of the Registrar, Dr. NTR University of Health Sciences, Vijayawada towards the affiliation fee for the 2nd year MDS (Dental) PG degree Courses of study, grant of provisional affiliation for the 2nd year MDS (Dental) PG degree course of study. It shall be competent for the University to withdraw the provisional affiliation granted herein by giving three months notice stating the reasons therefore to the applicant.**

30. By the time of six months period is left for the 2nd year MDS (Dental) PG degree examinations, the applicant shall apply to the University for affiliation of the Final year MDS (Dental) PG degree Course in form – III Annexed with these statutes enclosing a certificate that all the rules and regulations of the University are being adhered to strictly and that the teaching program is carried out as per the program furnished by it to the University. A Demand Draft for Rs. 25,000/- (Rupees twenty five thousand only) for each speciality or such amount as may be prescribed by the Executive Council from time to time Drawn in favour of the Registrar, Dr. NTR University of Health Sciences, Vijayawada shall be enclosed along with the application towards the Inspection Fee for MDS courses.
31. On receipt of the application for affiliation for the Final year MDS (Dental) PG degree Course of study the University shall send its Inspection Committee atleast three months before the date of commencement of the Final year examinations.
32. The Inspection Committee sent by the University shall inspect the facilities available in the college and the quality of teaching and report to the University as to whether all the facilities required to be provided by the college are actually provided and whether teaching imparted is satisfactory. The Inspection Committee shall also point out in its report the lacunae, if any, in the fulfillment of the conditions, required to be fulfilled and also advise as to the capability of the college to rectify the lacunae within a period of two months. In case there are lacunae in the fulfillment of the conditions, the University may conduct re-inspection on payment by the applicant towards inspection fee Rs.10,000/- (Rupees ten thousand only) or such amount as may be prescribed by the Executive Council from time to time by way of Demand Draft Drawn in favour of the Registrar, Dr. NTR University of Health Sciences, Vijayawada towards the re-inspection fee and shall receive a final report from the Inspection Committee.
33. After a detailed examination of the final report of the Inspection Committee, if the University is fully satisfied as to the fulfillment of the conditions for the affiliation for the Final year MDS (Dental) PG degree courses after collecting Rs.50,000/- (Rupees fifty thousand only) or such amount as may be prescribed by the Executive Council from time to time for each speciality of MDS (Dental) course, from the applicant by means of a Demand Draft Drawn in favour of the Registrar, Dr. NTR University of Health Sciences, Vijayawada towards the affiliation fee for the Final year MDS (Dental) PG degree Courses of study, grant provisional affiliation for the Final year MDS (Dental) PG degree course of study. It shall be competent for the University to withdraw the provisional affiliation granted herein by giving three months notice stating the reasons therefore to the applicant.
34. The University shall also be competent to send observers during examinations at their discretion.
35. The provisional affiliation granted by the University as specified in statute 19 shall be only for the final year MDS (Dental) PG degree Course of study.
36. The applicant shall send to the University every year a report regarding the service, academic and research activities of the college, and also annual staff return and vacancy position.
37. On the completion of the course of study by the first batch of students the applicant may make an application to the University for the grant of permanent affiliation of the MDS (Dental) PG degree courses of study in the prescribed Form - IV Annexed with these statute. The University shall after satisfying itself as to the performance of the college during the previous years and subject to the statutes and procedures as in force from time to time grant permanent affiliation to the MDS (Dental) Courses valid for a period of five years. However, the management shall continuously pay administrative fee and affiliation fee to the University every year as prescribed by the Executive Council from time to time and shall pay an inspection fee of Rs.25,000/- for each specialty of MDS (Dental) once every five years for renewal of permanent affiliation.
38. On receipt of the application for granting permanent affiliation for MDS Course (PG Degree) of study University shall send its inspection committee atleast before 3 months completion of first batch of study

39. The Inspection Committee sent by the University shall inspect the facilities available in the college and the quality of teaching and report to the University as to whether all the facilities required to be provided by the college are actually provided and whether teaching imparted is satisfactory. The Inspection Committee shall also point out in its report the lacunae, if any, in the fulfillment of the conditions, required to be fulfilled and also advise as to the capability of the college to rectify the lacunae within a period of two months. In case there are lacunae in the fulfillment of the conditions, the University may conduct re-inspection on payment by the applicant of a sum of Rs.10,000/- (Rupees ten thousand only) or such amount as may be prescribed by the Executive Council from time to time by means of a demand Draft Drawn in favour of the Registrar, Dr. NTR University of Health Sciences, Vijayawada towards the re-inspection fee and shall receive a final report from the Inspection Committee.
40. After a detailed examination of the final report of the Inspection Committee, if the University is fully satisfied as to the fulfillment of the conditions for the permanent affiliation for the MDS (Dental) PG degree courses after collecting Rs.50,000/- (Rupees fifty thousand only) or such amount as may be prescribed by the Executive Council from time to time for each speciality of MDS (Dental) course, from the applicant by means of a Demand Draft Drawn in favour of the Registrar, Dr. NTR University of Health Sciences, Vijayawada towards the affiliation fee for the MDS (Dental) PG degree Courses of study, grant provisional affiliation for the MDS (Dental) PG degree course of study. It shall be competent for the University to withdraw the provisional affiliation granted herein by giving three months notice stating the reasons therefore to the applicant.
41. The Executive Council shall have the power after due enquiry to withdraw affiliation granted to a college, provided that before coming to such a decision, the Executive Council shall inform the Governing Body / Managing Committee of the college concerned of its findings after enquiry and shall allow it an opportunity of making such representation as it may deem fit and shall record its opinion of the representation so made.
42. It shall be competent for the University to send an Inspector at any time to inspect the Dental Colleges after two weeks notice to the applicant and on receipt of report from the Inspector, the University may make any decision which in its opinion deems fit and necessary.
43. The Statutes on affiliation of Dental and the general statutes on affiliation which are not covered in this special statute on affiliation of MDS courses shall be binding in addition to the above statutes.

FORM-I
(SEE STATUTE 12)

APPLICATION FOR CONSENT OF AFFILIATION FOR MDS (DENTAL) COURSE

- 1) Name / Name (s) of the applicant (s) Trust / Society :
- 2) Name and address of the college. :
- 3) Name of the Principal and Tel. Ph. Nos. :
Fax & E-Mail:
- 4) Faculties in which MDS (Dental) course(s) is/are proposed to be started :
- 5) Address to which communications are to be sent :
- 6) Number of candidates to be admitted in the first year in each department of MDS (Dental) Course(s). :
- 7) Details regarding availability of land, ready built area and rooms for Faculty and for student demonstration. (Details to be enclosed) :
- 8) Particulars regarding infrastructure provided for training the students. :
- 9) Details regarding PG hostel facility. :
- 10) Details of facilities and other requirements fulfilled as stipulated in the statutes of the University for issue of Consent of affiliation. :
- 11) Particulars of fee remittance made by the trust / society. :
- 12) Whether the trust / society fulfils all the conditions and requirements as specified in the statutes to apply for certificate of registration and affiliation.. :
- 13) Whether the college obtained permission from Government of AP for starting of MDS course (**A copy of letter to be enclosed**) :

Signature of the Applicant.

Station :
Date :

FORM-II

CONSENT OF AFFILIATION FOR STARTING OF
MDS (DENTAL) COURSE

Under Statute _____

of the Dr. NTR University of Health Sciences statutes, it is hereby certified that the application of _____ college for the starting of MDS (Dental) PG degree Course of study has been registered with the Dr. NTR University of Health Sciences, Vijayawada and the permission is accorded provisionally for consent of affiliation for MDS course of the _____ college to Dr. NTR University of Health Sciences.

This certificate is valid for a period of one year from the date of issue.

(By order of the Executive Council)

Signature of the Registrar .

Station :

Date :
(Seal)

FORM-III
(SEE STATUTE 12)

APPLICATION FOR PROVISIONAL AFFILIATION FOR STARTING OF
FIRST YEAR , **SECOND YEAR & THIRD (Final) YEAR** of
MASTER OF DENTAL SURGERY COURSE

1. Name / Name (s) of the applicant (s) Trust / Society :
Society
2. Name and address of the college. :
3. Name of the Principal and Tel. Ph. Nos. :
Fax & E-Mail:
4. Faculties in which MDS (Dental) course(s) :
is/are proposed to be started
5. Address to which communications are to be sent :
6. Number of candidates to be admitted in the first year in each department of MDS (Dental) Course(s). :
7. Details regarding availability of land, ready built area and rooms for Faculty and for student demonstration. (Details to be enclosed) :
8. Particulars regarding infrastructure provided for training the students. :
9. Details regarding PG hostel facility. :
- 10 Details of facilities and other requirements fulfilled as stipulated in the statutes of the University for issue of Consent of affiliation. :
- 11 Particulars of fee remittance made by the trust / society. :
- 12 Whether the trust / society fulfils all the conditions and requirements as specified in the statutes to apply for certificate of registration and affiliation.. :
- 13 Whether the college obtained permission from Government of AP for starting of MDS course (**A copy of letter to be enclosed**) :
- 14 Whether the permission of the Government of India has been obtained by the college (copy of letter to be enclosed) :

Signature of the Applicant.

Station :
Date :

FORM-IV

Application for Permanent Affiliation by _____

College to start final year PG degree Course of study.

- 1) Name and address of the applicant. :
- 2) Location of College with full address :
- 3) Name of the Principal and Telephone Nos: :
Fax & E-Mail:
- 4) Does the college satisfy all the conditions :
stipulated in the statutes for the affiliation (with
full details with evidence thereof)
- 5) Does the college possess the Certificate of :
Registration issued by Dr. NTR University of
Health Sciences, Vijaywada for starting MDS
(Dental) PG degree course by the college (copy
of the Certificate of Registration to be enclosed).
- 6) Whether No Objection Certificate from the :
Government of Andhra Pradesh has been
obtained by the college (produce evidence).
- 7) Whether No Objection Certificate from the :
Government of India has been obtained by the
college (produce evidence).

Signature of the Applicant.

Station :

Date :

FORM-V

Application for full permanent affiliation by _____
 College for MDS (Dental) PG degree Course of study.

- 1) Name and address of the applicant. :
- 2) Location of the College with full address :
- 3) Name of the Principal with Phone Nos: :
 Fax & E-Mail:
- 4) Has the college obtained provisional affiliation :
 for all the two years (full details with University
 provisional order number and date, number of
 students permitted, etc.) (copies of the order of
 the University to be enclosed).
- 5) Has the first batch of students completed the :
 course of study and appeared for University
 examination.
- 6) Brief history on the performance of the college :
 during the previous year (upto the date of this
 application) to justify the grant of full affiliation.
- 7) Whether No Objection Certificate from the
 Government of Andhra Pradesh has been
 obtained by the college (produce evidence).
- 8) Whether No Objection Certificate from the
 Government of India has been obtained by the
 college (produce evidence).

Signature of the Applicant.

Station :

Date :

FORM-VI

**Dr. NTR UNIVERSITY OF HEALTH SCIENCES, ANDHRA PRADESH
MDS (DENTAL) PG DEGREE COURSE INSPECTION REPORT.**

(To grant consent of affiliation for startingyear MDS (Dental) course(s))

1. Name of the Convenor with designation :
Address
2. Name of the Member with designation :
Address
3. Particulars regarding in which order Inspection :
Committee was appointed by this University.
4. Date of Inspection. :
5. Place and details of Management authorities present :
at the time of inspection.
6. Name of the Institution / Society / Trust. :
7. Name of the Principal with Telephone Numbers :
Fax & E-Mail:
8. Branches of MDS (Dental) course to be affiliated :
with intake of students
9. WHETHER FULL TEACHING STAFF IS :
AVAILABLE:

(To start the MDS (DENTAL) PG degree course of study, the following full compliment of staff as specified in Science statutes are absolutely essential)

- a) Two qualified teachers having MDS (Dental) qualification in the specialty with 5 years teaching experience. In view of acute shortage it may be 3 years till 2006.
- b) Assisting non-teaching staff: One clerk, a Technician (vocational), one Statistician with PG qualification and one attender.

STATEMENT SHOWING THE POSTS REQUIRED FOR M.D.S. COURSE

Sl.No.	Department	Posts required as per DCI NORMS			
		Prof	Asso Prof	Asst. Prof	Tutors
1	Oral Medicine and Radiology	1	1	1	0
2	Oral Surgery	1	1	1	2
3	Periodontia	1	1	1	1
4	Conservative Dentistry	1	1	1	2
5	Pedodontia	1	1	1	0
6	Orthodontia	1	1	1	0
7	Prosthodontics	1	1	2	2
8	Oral Pathology	1	1	1	1
9	Community Dentistry	1	1	1	0
10	Dental Materials	0	1	0	1
11	Oral Biology	0	1	0	0
	Total	9	11	10	9

- 1) Whether the Trust / Society / Institution / College :
has fulfilled all the conditions and requirements
as specified in the statutes to grant consent of
affiliation for starting of 1st year MDS degree
course of study.
- 2) Other findings of the Inspection Committee. :

CERTIFICATE

Certified that we have actually, Physically verified the infrastructural facilities,
teaching and other staff, furniture, equipment etc., available in the college & Hospital in
(name of the College)_____

_____and found them to be satisfactory / not
satisfactory towards issue of consent of affiliation for 1st year MDS course.

Signature of Member:
with Name & Address

Signature of Member:
with Name & Address.

ANNEXURE – 1

Table:1. Showing the teaching staff requirements:

STATEMENT SHOWING THE POSTS REQUIRED FOR M.D.S. COURSE

Sl. No.	Department	Posts required as per DCI NORMS			
		Prof	Asso Prof	Asst. Prof	Tutors
1	Oral Medicine and Radiology	1	1	1	0
2	Oral Surgery	1	1	1	2
3	Periodontia	1	1	1	1
4	Conservative Dentistry	1	1	1	2
5	Pedodontia	1	1	1	0
6	Orthodontia	1	1	1	0
7	Prosthodontics	1	1	2	2
8	Oral Pathology	1	1	1	1
9	Community Dentistry	1	1	1	0
10	Dental Materials	0	1	0	1
11	Oral Biology	0	1	0	0
	Total	9	11	10	9

Principal:

Senior Most Professor can act as principal

Professor : -

Shall have 9 years teaching in the specialty of which 5 years as reader

Associate Professor/Reader :-

Shall have 4 years teaching experience after PG qualification in the respective specialty

Assistant professor / Sr. Lecturer:-

Shall have PG qualification in the respective specialty

Table2. Showing Teaching staff for Medical Subjects:

Full time Teaching staff for Medical Subjects	Staff Requirement for 40 Admissions (Minimum)	
	Reader/ Asst. Prof	Lecturer/ Tutor
Anatomy	1	2
Physiology & Biochemistry	1	2
Pharmacology	1	2
Pathology & Microbiology	1	2
Medicine	1	2
Surgery	1	2
Anaesthesia	1	1

Teaching experience for Medical Staff: (As prescribed by the Medical Council of India)

Professor : PG qualification with 4 years as Associate Professors

Associate Professor/Reader: PG qualification with 5 years as Assistant Professor

Asst. Professor /Lecturer: PG qualification in respective subject

Tutor: MBBS Graduate

Table 3. Non-Teaching Clinical Posts:

Residents:- 3 (for oral surgical indoor/outdoor emergency cases round the clock)
Dental Surgeons:- 4 (for 100 old and new patients) 2 (for every additional 100 old and new patients)

Table4. showingOther staff:

(Minimum Staff Requirement for 40)

Administrative Officer –1

Secretary to Dean – 1

Public relation officer –1

Designation	Reception	Establishment	Accounts	Admissions	Exams	Stores	Library	Maintenance	Security	Illustration	Clinical Depts	Computer	Laboratories	Sports	Total
Manager/Office Suptd.		1	1						1			1			4
Assistants		1	1	1	1	1	2	1							8
Receptionist	8														8
Librarian							1								1
D.S.A. (Chair side Assistant)*											10				10
Dent. Tech.											6				6
Dent. Hygst.											3				3
Radiographer											2				2
Photographer										1					1
Artist										1					1
Programmer												1			1
Data Entry Operators												1			1
Physical Director														1	1
Engineer								1							1
Electricians								2							2
Plumber								1							1
Carpenter								1							1
Mason								1							1
A.C.Tech.								1							1
Helpers Electrical								1							1
Sweepers & Scavangers							2	2			3		3		10
Attenders	2	1	1		1	1	1	2			4	1	4		18
Security Personal									5						5
Dept. Secretaries											4				4
Driver									4						4
Nurses											3				3
Lab. Technicians													3		3
Dental mechanic											2				2

* ANM/General Nurses/Dental Hygienists

ANNEXURE – 2**General Infrastructural & Functional requirements**
COLLEGE

Sl.No	Requirement	Minimum Space
1	Administrative block consisting of:- a. Dean room b. Administrative officer's room c. Meeting room d. Office e. Office stores f. Pantry etc.	1500 sq.ft
2	Library consisting of:- a. Reception & waiting b. Property counter c. Issue counter d. Photocopying area e. Reading room to accommodate 50% of total students strength f. Postgraduates & staff reading room g. Journal room h. Audio-visual room i. Chief librarian room j. Stores and stocking area	4000 sq.ft
3.	Lecturer halls – 4 Nos Each hall to accommodate 10% more of admission strength with proper seating arrangement, blackboard microphone and facilities for slide, overhead and multi-media projection.	4000 sq.ft.
4	Central stores: With storage facilities like racks & refrigerators,	400 sq. ft.
5	Maintenance room: To maintain and repair dental chairs, units and various other equipment in college and hospital	400 sq. ft
6	Photography and artist room With proper facilities for clinical photography, developing, preparation of slides, charts, models etc.	250 sq. ft.
7	Medical stores: Stocked with all the necessary Drugs usually prescribed in a dental hospital	200 sq. ft
8.	Amenities area: a. Boy's and Girl's locker rooms b. Boy's and Girl's common rooms c. Common room for non-teaching staff d. Common room for teaching staff e. Change room for men f. Change room for women	2000 sq. ft.
9	Compressor and room for gas plant Adequate to accommodate required capacity compressors, gas cylinders etc.	200 sq. ft.
10	Pollution control measures: The institution shall take adequate pollution controla measures by providing incernation plant, sewage water treatment plant, landscaping of the campus etc.	As required
11	Animal house Adequate to accommodate animals for research work with proper sanitary facilities	As Required
12	Cafeteria: With accommodation for 100 people with kitchen, stores, washing area etc.	800 sq. ft.
13	Examination hall: A separate hall for university and other examination furnished with chairs and individual tables to accommodate 250 students at a time	1500 sq. ft.
14	Hostels: There shall be adequate hostel accommodation for both boys and girls in the premises a selt. The hostel accommodation shall be atleast 90% of the admission strength. There shall be proper mess facilities. The rooms could be either single, double or 3 seater preferably with attached bathroom facilities.	As required
15	Staff quarters ; There shall be provision of staff quarters to accommodate atleast 50% of reaching staff and accommodation for non-teaching staff who will be required to do emergency duties.	As required

Sl.No	Requirement	Minimum Space
16	Play ground: There shall be facilities for both indoor and outdoor games in the premises.	As required
17	Auditorium: To accommodate at least 500 people consisting of – Proper seating arrangements, reception counter, green rooms, lobby, fitted with sound system, slide and multimedia presentation facility.	As required
18.1	Laboratories – dental subjects:	
	a. Pre-clinical prosthodontics and dental material lab	1500 sq. ft.
	b. Pre-clinical conservative lab	1000 sq. ft.
	c. Oral biology and oral pathology lab	1000 sq. ft.
	d. Laboratory for orthodontics and pedodontics	600 sq. ft.
18.2	Laboratories – Medical subjects:	
	a. Anatomy dissection hall	1200 sq. ft.
	b. Physiology & Pathology and microbiology	1000 sq. ft.
	c. Biochemistry & Pharmacology	1000 sq. ft.
18.3	Laboratories – Clinical	
	a. Prosthodontics consisting of room for:	1200 sq.ft.
	i. Plaster room ii. Polymers room iii. Wax room	
	iv. Casting laboratory v. Ceramic lab	
	b. Conservative Dentistry (Casting & ceramic labs)	400 sq. ft.
	c. Oral Pathology for histopathology	400 sq. ft.
	d. Haematology and clinical biochemistry	200 sq. ft.
19	Distilled water plant:	1
20	Teaching aids: Audiovisual - Adequate number of overhead projectors, slide projectors shall be provided in the lecture halls and seminar rooms attached to various departments. It is also desirable to have an LCD or DLP projectors for multimedia presentations. Computer- The administrative area, clinics, stores and library shall be provided with computers & printers preferably interconnected for better co-ordination.	As required

HOSPITAL

Dental Hospital:

The following are the clinical departments are required

1. Oral medicine & radiology
2. Oral & maxillofacial surgery & oral implantology
3. Prosthodontics, Crown Bridge, esthetics & oral implantology
4. Periodontics & Oral implantology
5. conservative, Endodontics and esthetic dentistry
6. Pedodontics & preventive dentistry
7. Orthodontics and dentofacial orthopaedics
8. Public Health Dentistry & Preventive Dentistry

Out patients:

Since dentistry being more clinical oriented specialty, the university desires to have adequate clinical material for satisfactory training of undergraduate students. There shall be at least 75 to 100 new patients/day in colleges with 40/60 admissions & 100 – 150 new patients in colleges with 100 admissions.

Each of the clinical departments should have the following functional areas-

- (a) Reception and waiting room – 300 sq. ft.
- (b) Undergraduate clinic adequate to accommodate the prescribed number of dental chairs and units.
- (c) Sterilization room where central sterilization facilities are not provided – 200 sq. ft.
- (d) Small department stores – 100 sq.ft.
- (e) Seminar room – 400 sq. ft.

Staff rooms –

1. HODs room - 180 sq.ft.
2. Readers' room – 150 sq.ft.
3. Lecturers' room – 300 sq.ft.

Main reception and dental records section : 1500 sq. ft.

Total approximate area for UG clinics (40/60 admissions) 12,5000 sq.ft

Total approximate area for UG clinics (100 admissions) 25,000 sq.ft

There should be adequate area for patients reception, waiting, registration, storage of patients records etc

ANNEXURE – 3

EQUIPMENT REQUIREMENTS – Specialty wise

1. Prosthodontics, Aesthetic Dentistry and Oral Implantology:

NAME	QTY
Electrical Dental Chairs and Units With shadowless lamp, spittoon, 3 way syringe, instrument tray and suction, micromotor, airotor	6
Articulators – Semi adjustable (With Face-bow)	6
Airotor & Airmotor Handpieces	6
Micromotor – (Lab Type)	2
Ultrasonic Scaler	2
Light Cure	2
Sterilization :- Hot Air oven	1
Autoclave	1
Surveyor	2
Refrigerator	1
X-ray viewer	1
Pneumatic	2
Needle destroyer	
Plaster Dispenser	2
Model Trimmer with Carborandum Disc	1
Model Trimmer with Diamong Disc	1
Lathe	2
High Speed lathe	2
Vibrator	1
Acrylizer	1
Dewaxing Unit	1
Hydraulic Press	1
Mechanical Press	1
Vacuum Mixing machine	1
Micro motor lab type	2
Curing pressure pot	1
Pressure molding machine	1
Duplicator	1
Pindex System	1
Burn-out furnace	2
Welder	1
Sandblaster (micro & macro)	2
Electro – Polisher	1
Model Trimmer with Carborandum Disc	1
Model Trimmer with Diamond Disc	1
Model Trimmer with Double disc one Carborandum and one Diamond Disc	1
Casting Machine Motor Cast with the safety door closure Gas blow torch with Regulator	1
Dewaxing Furnace	1
Induction Casting Machine with Vacuum pump, capable of casing Titanium Chrome Cobalt precision Metal	1
Programmable Porcelain Furnace with Vacuum pump	1
Sport Welder with Soldering, attachment of Cable	1
Vacuum Mixing Machine	1
Steam Cleaner	1
Spindle Grinder 24,000 ROM with Vaccum Suction	1
Wax Heater	2
Wax Carver	2
Curing Pressure Pot	1
Pressure Moulding Machine	1
Milling Machine	1
Stereo Microscope	1
Magnifying Work Lamp	1
Heavy duty lathe with suction	1
Preheating furnace	1
Dr. . y model Trimmer	1
Die cutting machine	1
Ultrasonic cleaner	2
Composite curing unit	1
Surveyor	
Ceramic Lab Equipment	
Ceramic Furnace	2
Ceramic Kit (instruments)	6

NAME	QTY
------	-----

Ceramic Materialx	
Implant Equipment	
Implant Kit	2
Implants	25
Prosthetic Components	25
Unit Mount Light Cure	2
Pneumatic / Electrical Crown remover	2
X-ray Viewer	2
Needle Destroyer	1
Ultrasonic Cleaner	1
Micro Surgeyor	1
Autoclave	1
Camera	1
Electrical Dental chairs and Units	2
Strenghten Unit	1
X-ray Machine	1
Short cycle autoclave (KAVO)	1
Refngerator	1
Surgical Kit	2
Sinus left instruments	1
Educating Models	

2 : Periodontology and Oral Implantology:

NAME	QTY.
Electrically operated with shadowless lamp, spittoon, 3 way syringe, instrument try and suction, micromotor, ultrasonic scaler	9
Sterilization Instruments	1
Kavo Klave	1
Auto Clave	4
Steel bin	
Diagnostic instruments	1
WHO Probe	1
Nabers Probe	1
Williams Probe	1
Newman's Probe	1
Gold Man fox Probe	1
Marquis color coded Probe	
Oral prophylaxis Instruments	2 Sets
Supra gingival scalars	6 Sets
Sub gingival scalars	1
Surgical Instruments	
Routine Surgical Instrument kit	1 Set
Surgery Trolleys	1
Electro surgery unit	1
Special surgical Instruments	1
Kirkland's Knife	1
Bucks Knife	1
Orban Knife	1
Paquette Blade Handle	1
Pocket Marker	1
Mc calls universal curettes	1
Graceys curettes	1
Krane Kaplan	1
Cumine Scalar	1
Osseous Suurgical Instruments	
Mallet	1
Oschenbain Chisel	1
Schlunger Bone File	1
Bone file	
Bone regenerative materials	
Bone graft and GTR membranes Depending on need	
Microsurgical Instruments	1
Micro Needle Holder	1
Micro Scissor	1
Magnifying Glass	
Miscellaneous Instruments	
Composite Gun	

3: Oral & Maxillofacial Surgery and Oral Implantology:

NAME	QTY
Dental Chairs and Units	6
Autoclave	2
Furnigators	1
Oscillating saw	1
Surgical instruments	2
a. General Surgery kit including tracheotomy kit	
b. Minor oral surgery kit	5
c. Osteotomy kit	1
d. Cleft surgery kit	1
e. Bone grafting kit	1
f. Emergency kit	1
g. Trauma set including bone plating kit	2
h. Implant logy kit	1
Distraction osteogenesis kit (desirable)	1
Operating microscope and Microsurgery kit (desirable)	1
Dermatomes	2
Formalin chamber	1
Pulse oxymeter	1
Ventilator	1
Major operation theatre with all facilities	1
Recovery and ICU with all necessary life support equipments	2 beds
Fibrooptic light	1
Inpatient beds	20

4 : Pedodontics and Preventive Dentistry:

NAME	QTY
Dental Chairs and Units	6
Pedo extraction forceps sets	4
Autoclave	1
Intra oral X-ray	1
Automatic Developer	1
Pulp tester	2
A pex locator	1
Rubber Dam Kit	6
Glass bead sterilizer	3
Orthodontics Welder	1
Ultrasonic Scalars	2
Needle destroyer	3
Ultrasonic Cleaner	2
X-ray Viewer	2
Amalagamator	2
Plaster Dipenser	2
Dental Lathe	1
Vibrator	1
Frassieo Typodonts	6

5: Conervative, Endodontics & Aesthetic Dentistry:

NAME	QTY
Dental Chairs and Units	6
Electrically operated with shadowless lara, spittoon, 3 way syringe, instrument try and suction, micromotor, airotor, lightcure	
ENDOSCONIC HANDPIECES – Physiosaline equipments	2
Mechanized rotary instruments including hand pieces and hand instruments	3
Glass bead sterilizers	3
Autoclaves for bulk instrument sterilization Vacuum preferably	2
Auteclaves for hand piece sterilization vacuum preferably	2
Auteclaves for hand piece sterilization	2
A pex locators	2
Equipments for injectable thermoplasticized gutta percha – 2 OBTURA II 2 kits	2
MIDAJET Pressurized local anaesthesia	1
Operating microscopes – CARL ZEISS	2
Pickling kits	
Surgical endo kits	2
Low speed high torque motrs	2
ANTHOGYR Torque coDr. . . NTRol hand pieces	2
Kavo torque coDr. . . NTRol hand pieces	2
Hu Freidy set of hand pieces	2
Hu Freidy Sterilizer trays	4
Variable Intensity Polymerization equipments VLC units	2
Conventional VLC unit	1
LCD projector with computer – basic system with printer and scanner	1
Over head projector	1
Slide Projector	2
Clinical micro motrs	2
High speed hand pieces	2
Composite kits with different shades and polishing kits	3
Ceramic finishing kits	2
Amalagam finishing kits	2
LABORATORY EQUIPMENT	
Equipments for casting procedures	1
Equipments for ceramics including induction casting machines / burnout preheat furnaces / wax elimination furnaces	1
Lab micro motor / metal grinders / sand blasters / polishing lathes / duplicator equipment / vacuum investment equipments	1 set

6: Orthodontics and Dento – facial Orthopedics:

NAME	QTY
Dental Chairs and Unit Electrically operated with shadowless lamp, spittoon, 3 ay syringe, instrument try and suction	6
Vacuum Moulding Unit	1
Hydrosolder	1
Lab Micromotr	4
Spot Welders	4
Model Trimmer (Duble Disc)	2
Ligh Curing Unit	2
Polishing Lathes	2
Tracing Tables	3
Digital Camera	1
Computers with all accessories	1
Scanner with transparency adapter	1
X-ray Veiwew	5
O.HP.	1
Slide Projector (35 mm) / LCD Projector	1
Autocalve – mcroprocess based, Wet & Dr. . y.	1
High & Low Cyle	
Dr. . y Heat Sterilizer	1
Ultrasonic Scaler	1
Sets of Orthodontics Pliers	3 sets
Orthonotic Impression trays	4 sets
Ultrasonic try cleaner	1
Typodonts with full teeth set	6
Anatomical Articulator with face bow attachments	1
Three Place articulators	1
Hinge Articulars	5

7: Oral Medicine and Radiology:

NAME	QTY
General Chairs and Units	6
Intra Oral Radiography Machine	1
Extra Oral Radiography machine	1
Panoramic radiography (OPG) Machine with	1
Intra – Oral Camera	1
Pulp tester	2
Autoclave	2
Punch Biopsy Tool	2
Biopsy Equipment	2
Surgical Trolley	2

8 : Oral Pathology, Microbiology and Forensic Odontology:

NAME	QTY
Essential Equipment	
Dental Chairs and Units Electrically operated with shadowless lamp, spittoon, 3 way syringe, instrument try and suction	1
Adequate laboratory glassware's as required for processing of biopsy specimens & staining.	
Tissue capsules / Tissue embedding Cassettes	
Paraffin wax batch (thermostatically controlled)	
Leuchart Pieces	
Block holders	
Semi Automatic microtome	1
Automatic Microtme Knife Sharpner	1
Tissue floatation water batch (Themostatically controlled)	1
Slide warming table	1+1
Steel slide racks for staining	1+2
Diamond glass marker	2
Research microscope with phase contrast, dark filed, polarization, CCTV & Photomicrography attachments	1
Binocular Compound Microscope	4
Electronic dispening machine	1
Aluminum slide arrays	4
Wooden / Plastic slide boxes	4
Wax block stering cabinet	1+2

Slide storing cabinet	1+2
Refrigerator	1
Micropipettes	
DESIRABLE EQUIPMENT	
Cryostat	1
Fluorescent Microscope	1
Computer with Printer	1
Image analysis software	1
Automatic processing equipment	1
Hard tissue microtome	1
Stereo microscope	1
Tissue strong cabinet (Frozen state)	1
Surgical endo kits	2
Low speed high torque motors	2
ANTHOGR Torque control hand pieces	2
Kavo torque control hand pieces	2
Hu Freidy set of hand instruments	2
Hu Freidy sterilizer trays	4
Variable Intensity Polymerization equipments VLC units	2
Conventional VLC units	1
LCD Projector with computer – basic system with printer and scanner	1
Over head projector	1
Slide Projector	2
Clinical micro motors	2
High speed hand pieces	2
Composite kits with different shades and polishing kits ceramic finishing kits	3
Amalgam finishing kits	2
LABORATORY EQUIPMENT	
Equipments for casting procedures	1
Equipments for ceramics including induction casting machines / burnout preheat furnaces / wax elimination furnaces	1
Lab micro motor / metal grinders / sand blasters / polishing lathes / duplicator equipment / vacuum investment equipments	1 set

9: Public Health Dentistry:

NAME	QTY
Dental charis	6
Electrically operated with shadowless lamp, spittoon, 3 way syringe, Micro motor, Aerator, Scalar, light cure unit instruments tray and suction	
Extraction forceps	6 sets
Filling instruments	6 sets
Scaling instruments	6 sets
Prosthetic instruments	6 sets
Amalgamator	2
Pulp tester	2
Autoclave	2
Sterilizer	2
X-ray viewer	1
Instrument cabinet	1
Over head projector	1
Slide projector	2
LCD or DLP multimedia projector	1
Computer, Printer and UPS instruments	2
For peripheral Dental care or Field programme	
Staffbus	1
Mobile dental clinic fitted with at least 2 dental chairs with complete dental unit ultrasonic scalar, compressor, Generator, Public address system, audio-visual aids, TV, VCR, Instrument cabinet, emergency medicine kits, BP Apparatus, Portable oxygen cylinder portable chair	1 1 1 1 1 1 1 1 1 1

