

**THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY,
CHENNAI – 600 032.**



**B.D.S. DEGREE COURSE
REVISED REGULATIONS - 2007**

THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY, CHENNAI

REVISED REGULATIONS FOR THE B.D.S DEGREE COURSE

In exercise of the powers conferred by Section 44 of the Tamil Nadu Dr. M.G.R. Medical University, Chennai, Act, 1987 (Tamil Nadu Act 37 of 1987), the Standing Academic Board of the Tamil Nadu Dr. M.G.R. Medical University, Chennai hereby makes the following regulations:

SHORT TITLE AND COMMENCEMENT:

These regulations shall be called "THE REVISED BACHELOR OF DENTAL SURGERY COURSE REGULATIONS 2007 OF THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY, CHENNAI".

These regulations are applicable to the students who are admitted to the course from the academic year 2015-2016 onwards.

The regulations framed are subject to modification by the Standing Academic Board from time to time.

1. ELIGIBILITY FOR ADMISSION TO B.D.S. DEGREE COURSE

Admission to the Dental Course – Eligibility Criteria:

No Candidate shall be allowed to be admitted to the Dental Curriculum of first Bachelor of Dental Surgery (BDS) Course until:

1) He/she shall complete the age of 17 years on or before 31st December, of the year of admission to the BDS course;

2) He/she has passed qualifying examination as under:-

a) The higher secondary examination or the Indian School Certificate Examination which is equivalent to 10+2 Higher Secondary Examination after a period of 12 years study, the last two years of study comprising of Physics, Chemistry, Biology and

any other elective subjects with English at a level not less than the core course for English as prescribed by the National Council for Educational Research and Training after the introduction of the 10+2+3 years educational structure as recommended by the National Committee on education;

Note: Where the course content is not as prescribed for 10+2 education structure of the National Committee, the candidates will have to undergo a period of one year pre-professional training before admission to the dental colleges;

Or

b. The intermediate examination in science of an Indian University/Board or other recognised examining body with Physics, Chemistry and Biology which shall include a practical test in these subjects and also English as a compulsory subject;

Or

c. The pre-professional/pre-medical examination with Physics, Chemistry and Biology, after passing either the higher secondary school examination or the pre-university or an equivalent examination. The pre-professional/pre-medical examination shall include a practical test in Physics, Chemistry and Biology and also English as a compulsory subject;

Or

d. The first year of the three years degree course of a recognized university, with Physics, Chemistry and Biology including a practical test in three subjects provided the examination is a "University Examination" and candidate has passed 10+2 with English at a level not less than a core course;

Or

e. B.Sc examination of an Indian University, provided that he/she has passed the B.Sc examination with not less than two of the following subjects Physics, Chemistry,

Biology (Botany, Zoology) and further that he/she has passed the earlier qualifying examination with the following subjects-Physics, Chemistry, Biology and English.

Or

f. Any other examination which, in scope and standard is found to be equivalent to the intermediate science examination of an Indian University/Board, taking Physics, Chemistry and Biology including practical test in each of these subjects and English.

and

g. To be eligible for admission to BDS course, a candidate must have passed in the subjects of Physics, Chemistry, Biology/Biotechnology and English individually and must have obtained a minimum of 50% marks taken together in Physics, Chemistry and Biology/Biotechnology at the qualifying examination as mentioned and must have come in the merit list of "National Eligibility-cum-Entrance Test" for admission to BDS course. In respect of candidates belonging to Scheduled Castes, Scheduled Tribes or other Backward Classes the minimum marks obtained in Physics, Chemistry and Biology/Bio-technology taken together in qualifying examination shall be 40% instead of 50%. In respect of candidates with locomotory disability of lower limbs, the minimum marks in qualifying examination in Physics, Chemistry and Biology/Bio-technology taken together in qualifying examination shall be 45% instead of 50%.

h. All the admissions to the college must be done according to the seat matrix given by the Government of Tamil Nadu. The University shall not register those candidates who have not been admitted according to the seat matrix prescribed by the Government.

The candidates who have passed the Higher Secondary examination (plus two) from the boards other than the State board of Higher Secondary examinations of the Government of Tamilnadu have to submit the eligibility issued by the Tamilnadu Dr.M.G.R Medical University before joining the institution.

2. ELIGIBILITY CERTIFICATE:

Candidates who have passed any qualifying examination other than the Higher Secondary course examination conducted by the Government of Tamil Nadu shall obtain an eligibility certificate from the University by remitting the prescribed fee

along with the application form before seeking admission to any one of the affiliated Dental Institutions. The application form and the details for obtaining Eligibility Certificate may be downloaded from the University website: www.tnmgrmu.ac.in.

3. REGISTRATION:

A candidate admitted in B.D.S. degree course in any of the affiliated Institution of this University shall register his / her name by submitting the prescribed application form for Registration duly filled along with the prescribed fee and a declaration in the format to the Controller of Examination of this University through the Head of the affiliated Institutions within 30 days from the cut-off date prescribed for admission in to B.D.S. Degree Course.

The University shall not register any candidate admitted beyond the cut-off date of **30th of September** of the respective academic year.

4. DURATION OF THE COURSE:

The undergraduate dental programme leading to BDS degree shall be of 4 (four) academic years, with 240 teaching days in each academic year, plus one year paid rotating Internship in a dental college. Every candidate will be required, after passing the final BDS Examination, to undergo one year paid rotating internship in a dental college. The internship shall be compulsory and BDS Degree shall be granted after completion of one year paid internship.

5. COMMENCEMENT OF THE COURSE:

1st August of the Academic year.

6. CURRICULUM & SYLLABUS:

The curriculum and the syllabi for the course shall be as specified in these regulations.

7. COMMENCEMENT OF EXAMINATIONS:

1) 1st August / 1st February.

2) If the date of commencement of the examination falls on Saturdays, Sundays or declared public holidays, the examination shall begin on the next working day.

8. CUT-OFF DATES FOR ADMISSION TO EXAMINATIONS :

The candidates admitted upto 30th September shall be registered to take up their First year examination during August of the next year and thereafter during February of the subsequent year.

All kinds of admissions shall be completed on or before 30th September of the academic year. There shall not be any admissions after 30th September even if seats are vacant.

9. WORKING DAYS IN AN ACADEMIC YEAR

Each academic year shall consists of not less than 240 working days.

10. ATTENDANCE REQUIRED FOR ADMISSION TO EXAMINATION

a) No candidate shall be permitted to anyone of the parts of BDS examinations unless he/she has attended the course in the subject for the prescribed period in an affiliated institution recognised by the University and produces the necessary attendance from the Head of the Institution.

b) A candidate is required to put in minimum of 75% attendance in both theory and practical/clinical separately in each subject before admission to the examination.

11.INTERNAL ASSESSMENT EXAMINATION

The continuing assessment examinations may be held frequently at least 3 times in a given academic year and the average marks of these examinations should be considered . Ten percent of the total marks in each subject separately for theory and practical/clinical

examination separately should be set aside for the internal assessment examinations

12. SCHEME OF EXAMINATION

The Scheme of Examination for BDS Course shall be divided into 1st BDS examination at the end of the first academic year, 2nd BDS examination at the end of second year, 3rd BDS examination at the end of third, 4th and final BDS at the end of 4th year. 240 days minimum teaching in each academic year is mandatory. Any student who does not clear the BDS Course in all the subjects within a period of 9 years including one year Compulsory Rotatory paid Internship from the date of admission shall be discharged from the course.

13. CARRY OVER OF FAILED SUBJECTS

Any candidate who fails in one subject in an Examination is permitted to go to the next higher class and appears for the said failed subject and complete it successfully before he is permitted to appear for the next higher examination.

14. CRITERIA OF PASS:

Fifty percent of the total marks in any subject computed as aggregate for theory, i.e., written, viva voce and internal assessment and practicals including internal assessment, separately is essential for a pass in all years of study.

For declaration of pass in a subject, a candidate shall secure 50% marks in the University examination both in Theory and Practical / Clinical examinations separately, as stipulated below:

1. A candidate shall secure 50% marks in aggregate in University theory including Viva Voce and Internal assessment obtained in University written examination combined together.
2. In the University Practical / clinical examination, a candidate shall secure 50% of University practical marks and Internal Assessment combined together.

3. In case of pre clinical Prosthetic Dentistry and Pre clinical conservative dentistry in II BDS, where there is no written examination, minimum for pass is 50% of marks in Practical and Viva voce combined together in University examination including Internal Assessment i.e. 50/100 marks.

15. RE-ADMISSION AFTER BREAK OF STUDY:

As per the procedure laid down in a common Regulations for all the Under-Graduate courses of this University.

16. RECORD NOTE / LOG BOOK:

Record shall be maintained and assessed periodically by faculty and HOD.

17. REVALUATION / RETOTALLING:

As the provision for Double evaluation exists in BDS course, revaluation/retotalling will not be permitted.

18. ALLOCATION OF MARKS:

Each subject shall have a maximum of 200 marks.

Theory 100
Practical / Clinical 100

Theory - 100

University written exam	70
Viva Voce	20
Internal Assessment (Written)	10

	100

Practicals / clinicals - 100

University Practical Exam	90
	10

	100

Practical and Viva Voce Only in University Examination

Pre-clinical Prosthodontics
Pre-clinical Conservative Dentistry

Internal Assessment	- 20
Practical	- 60
Viva Voce	- 20

	100

19. MIGRATION / TRANSFER OF CANDIDATES:

- (1) Migration from one recognised dental college to another recognised dental college

is not a right of a student. However, migration of students from one dental college to another dental college may be considered by the Dental Council of India. Only in exceptional cases on extreme compassionate grounds*, provided the following criteria are fulfilled. Routine migrations on other ground shall not be allowed.

(2) Both the colleges, i.e. one at which the student is studying at present and one to which migration is sought, are recognised by the Dental Council of India.

(3) The applicant candidate should have passed first professional BDS examination.

(4) The applicant candidate submits his application for migration, complete in all respects, to all authorities concerned within a period of one month of passing (declaration of results) the first professional Bachelor of Dental Surgery (BDS) examination.

(5) The applicant candidate must submit an affidavit stating that he/she will pursue 240 days of prescribed study before appearing at IInd professional Bachelor of Dental Surgery (BDS) examination at the transferee dental college, which should be duly certified by the Registrar of the concerned University in which he/she is seeking transfer. The transfer will be applicable only after receipt of the affidavit.

Note 1:

1. Migration is permitted only in the beginning of IInd year BDS Courses in recognized institutions.

2. All applications for migration shall be referred to Dental Council of India by the college authorities. No Institution/University shall allow migrations directly without the prior approval of the Council.

3. Council reserves the right, not to entertain any application which is not under the prescribed compassionate grounds and also to take independent decisions where applicant has been allowed to migrate without referring the same to the Council.

Note 2: *Compassionate ground criteria:

1. Death of supporting guardian.
2. Disturbed conditions as declared by Government in the Dental College area.

20. MEDIUM OF INSTRUCTION:

English shall be the medium of instruction for all the subjects of study and for examinations.

21. SUBJECTS OF STUDY

B.D.S. I year

- Paper I - General Anatomy including Embryology and Histology
- Paper II - General Human Physiology
and Biochemistry
- Paper III – Dental Anatomy, Embryology and Oral Histology

B.D.S. II year

- Paper I - General Pathology
and Microbiology
- Paper II - General and Dental Pharmacology and Therapeutics
- Paper III – Dental Materials
- Paper IV – Pre Clinical Conservative Dentistry – Only Practical and Viva Voce
- Paper V - Pre Clinical Prosthodontics & Crown & Bridge – Only Practical and Viva voce

B.D.S. III year

- Paper I - General Medicine
- Paper II - General Surgery
- Paper III - Oral Pathology and Oral Microbiology

B.D.S. IV year

- Paper I - Oral Medicine and Radiology
- Paper II - Paediatric and Preventive Dentistry
- Paper III - Orthodontics and Dentofacial Orthopaedics
- Paper IV - Periodontology
- Paper V - Prosthodontics and Crown and Bridge
- Paper VI - Conservative Dentistry and Endodontics
- Paper VII - Oral and Maxillofacial Surgery
- Paper VIII- Public Health Dentistry

22. CURRICULUM OF DENTAL INTERNSHIP PROGRAMME

1. The duration of Internship shall be one year.

2. All parts of internship shall be done in a Dental College duly recognized/approved by the Dental Council of India for the purpose of imparting education and training to Dental graduates in the country.
3. The Interness shall be paid stipendiary allowance during the period of an internship not extending beyond a period of one year.
4. The internship shall be compulsory and rotating as per the regulations prescribed for the purpose.
5. The degree- BDS shall be granted after completion of internship.

Determinants of Curriculum for Internship for Dental Graduates:

The curriculum contents of internship training shall be based on.

- i) Dental health needs of the society.
- ii) Financial, material and manpower resources available for the purpose.
- iii) National Dental Health Policy.
- iv) Socio-economic conditions of the people in general.
- v) Existing Dental as also the primary health care concept, for the delivery of health services.
- vi) Task analysis of what graduates in Dentistry in various practice settings, private and government service actually perform.
- vii) epidemiological studies conducted to find out prevalence of different dental health problems, taking into consideration the magnitude of dental problems, severity of dental problems and social disruption caused by these problems.

Objectives:

- A. To facilitate reinforcement of learning and acquisition of additional knowledge:-
 - a) Reinforcement of knowledge
 - b) Techniques & resources available to the individual and the community; social and cultural setting.
 - c) Training in a phased manner, from a shared to a full responsibility.
- B. To facilitate the achievement of basic skills: attaining competence Vs. maintaining competence.in:-
 - i) History taking.

- ii) Clinical Examination.
- iii) Performance and interpretation of essential laboratory data.
- iv) Data analysis and inference.
- v) Communication skills aimed at imparting hope and optimism in the patient.
- vi) Attributes for developing working relationship in the Clinical setting and Community team work.

C. To facilitate development of sound attitudes and habits:-

- i) Emphasis on individual and human beings, and not on disease/symptoms.
- ii) Provision of comprehensive care, rather than fragmentary treatment.
- iii) Continuing Dental Education and Learning of accepting the responsibility.

D. To facilitate understanding of professional and ethical principles:-

- i) Right and dignity of patients.
- ii) Consultation with other professionals and referral to seniors/institutions.
- iii) Obligations to peers, colleagues, patients, families and Community.
- iv) Provision of free professional services in an emergent situation.

E. To initiate individual and group action, leading to disease prevention and dental health promotion, at the level of individuals families and the community.

Content (subject matter)

The compulsory rotating paid Dental Internship shall include training in Oral Medicine & Radiology; Oral & Maxillofacial Surgery; Prosthodontics; Periodontics; Conservative Dentistry; Pedodontics; Oral Pathology & Microbiology; Orthodontics and Community Dentistry.

General Guidelines:

1. It shall be task-oriented training. The interns should participate in various institutional and field programmes and be given due responsibility to perform the activities in all departments of the Dental Colleges and associated Institutions.

2.To facilitate achievement of basic skills and attitudes the following facilities should be provided to all dental graduates:

- i) History taking, examination, diagnosis, charting and recording treatment plan of cases.
- ii) Presentation of cases in a group of Seminar.
- lii) Care and sterilization of instruments used.
- iv) Performance and interpretation of essential laboratory tests and other relevant investigations.
- v) Data analysis and inference.
- vi) Proper use of antibiotics, anti-inflammatory and other drugs, as well as other therapeutic modalities.
- vii) Education of patients, their relatives and community on all aspects of dental health care while working in the institution as also, in the field.
- viii) Communication aimed at inspiring hope, confidence and optimism.
- ix) Legal rights of patients and obligations of dental graduate under forensic jurisprudence.

Period of Postings:

- | | |
|---------------------------------------|----------------|
| 1. Oral Medicine & Radiology | - 1 month |
| 2. Oral & Maxillofacial Surgery | - 1 1/2 months |
| 3. Prosthodontics | - 1 1/2 months |
| 4. Periodontics | - 1 month |
| 5. Conservative Dentistry | - 1 month |
| 6. Pedodontics | - 1 month |
| 7. Oral Pathology & Microbiology | - 15 days |
| 8. Orthodontics | - 1 month |
| 9. Community Dentistry/Rural Services | - 3 months |
| 10. Elective | - 15 days. |