

Pravara Institute of Medical Sciences

(Deemed University)

Loni br. 413 736, (Maharashtra)

RULES AND REGULATIONS FOR THE MASTER OF DENTAL SURGERY (M.D.S.) COURSE

1. General :-

These rules and regulations are framed as per the directives of the Dental Council of India and MOA of Pravara Institute of Medical Sciences (Deemed University) Loni.

2. Faculty :-

This course shall be under the Dental Faculty.

3. Nomenclature of the Degree: -

- 3.1. Master of Dental Surgery (M.D.S.)
- 3.2. Following shall be the subjects of specialty for the M.D.S. Degree.
 - i) Prosthodontics & Crown & Bridge
 - ii) Periodontics
 - iii) Oral and Maxillofacial Surgery
 - iv) Conservative Dentistry & Endodontics
 - v) Orthodontics & Dentofacial Orthopaedics
 - vi) Oral Pathology & Microbiology
 - vii) Community Dentistry
 - viii) Pedodontics and Preventive Dentistry
 - ix) Oral Medicine Diagnosis and Radiology.

4. Duration of the course: -

- 4.1) Duration of the M.D.S. course shall be three academic years.
- 4.2) It shall be a full time postgraduate course offered by the P.G. Department recognised by the Dental Council of India for the purpose of teaching this course.

5. Criteria for the Admission to the M.D.S. Course.

- 5.1. A candidate seeking admission to the course leading to the Degree of Master of Dental Surgery (M.D.S.) in various branches must have taken the Degree of Bachelor of Dental Surgery of this university or of any other University or any other equivalent qualification recognised by this university and Dental Council of India or by UGC. He/She must be registered under Dentist Act 1948.
- 5.2. A candidate seeking admission to the MDS course shall register under the recognised post-graduate teacher in the University.
- 5.3. The candidate desirous of admission and registration for M.D.S. course shall apply in the prescribed form to the Registrar, Pravara Institute of Medical Sciences along with the mark sheets and attempt certificates and all other required certificates as per the rules for the admission to M.D.S. course framed from time to time.

6. Selection of the Students for M.D.S. Course.

- 6.1. The selection of students to M.D.S. course shall be based on the merit of the candidate and for the determination of merit All India Common Entrance Test (AICET) will be conducted by Pravara Institute of Medical Sciences or by the agency specified by the University Grants Commission, New Delhi.
- 6.2. To be eligible for selection through All India Common Entrance Test (AICET), a candidate must satisfy conditions enumerated in the Rule (5) above.

7. Number of Admission to M.D.S. Course.

- 7.1 If the Post-graduate teacher is a Professor, not more than two students per year and if the Post-graduate teacher is an Associate Professor, one student per year, can be given registration under him/her. At any time there shall not be more than six active students under Professor and three active students under a teacher other than professor.

7.2 No Post-graduate teacher shall enroll candidates for a discipline other than the subject of his specialty for the post-graduate programme and no teacher shall be recognised as post-graduate teacher for more than one specialty.

8.1 Besides the research work a student registered for M.D.S. course shall have to study Applied Basic Medical subjects as under.

Compulsory Subjects: Applied Anatomy
Applied Physiology
Applied Pathology

Optional Subjects (Any two of the subjects given below)

- i) Biostatistics
- ii) Nutrition and Dietetics
- iii) Teaching and Testing Methodology
- iv) Research Methodology
- v) Psychology and Practice Management
- vi) Comparative Anatomy
- vii) Genetics Growth and Development
- viii) Applied Chemistry including Metallurgy, Dental Materials, including composites
- ix) Pharmacology

8.2 The candidate is required to get approval of the Research Committee for his topic of Research and plan of work.

8.3 The candidate shall submit, through his research guide, progress report after every six months, failing which his term shall not be granted.

8.4 Every candidate shall present his research work before the Research Committee nominated by Hon'ble Vice-chancellor at the end of each academic year. If the progress of the student is not satisfactory his/her term may not be granted and the student will have to repeat his work again.

9. Examination:-

9.1 The University Examination shall consist of (a) Written Examination (b) Clinical and /or Practical Examination and (c) Viva-Voce or Oral Examination.

The written examination shall consists of four papers (100 marks each), out of which two shall be pertaining to the specialty, one in

Applied Basic Sciences and one shall be essay. Each paper shall be of three hours duration.

- 9.2 Every candidate appearing for the Degree of Master of Dental Surgery (M.D.S.) examination must have completed three academic years of study after registration as a post-graduate student under a recognised post-graduate teacher of Pravara Institute of Medical Sciences (Deemed University) Loni.
- 9.3 The candidate appearing for the M.D.S. examination must fulfill the requirements of the course and submit to the Controller of Examination following certificates along with the applications.
- i) A certificate for having obtained a recognised B.D.S. Degree.
 - ii) A certificate of having been engaged as full-time registered post graduate student in the concerned branch for a period of not less than three academic years after registration at a recognized Dental College and Hospital affiliated to this University, under the direction and to the satisfaction of his / her recognized post graduate teacher and Head of the Department.
 - iii) A certificate of attendance: Having attendance of at least 80% of lectures / seminars and Practicals/Clinics during the three years of his / her postgraduate studies by head of the department and countersigned by Dean / Principal.
 - iv) A certificate from the Dean/ Principal for having satisfactorily completed the course in two subjects as per regulations.
 - v) A certificate from Dean / Principal for having submitted a Library Thesis assigned by the guide in first year of course.
- 9.4 Four type written/printed copies of the dissertation, prepared by the candidate under the guidance and directions of the recognised P.G. teacher under whom the candidate is registered, are required to be submitted to the University through the P.G. teacher and the Dean/Principal of the Dental College within the stipulated period prior to commencement of the University theory examination. The dissertation shall be referred to all the examiners confidentially and acceptance of it by at least 50% of examiners shall be the essential prerequisite for the eligibility of the candidate to appear for the written and practical examination. It may form the basis of the viva voce examination.

9.5 Acceptance of dissertation.

- i) The candidate must get at least 50 marks out of 100 in the assessment by the examiner. In case, the dissertation submitted by the candidate is not accepted by the examiners, the concerned candidates will not be allowed to appear for the theory / practical examination and he/she will be required to re-submit a fresh dissertation complying with the observations/remarks made by the examiners for not accepting the dissertation previously.
- ii) An unsuccessful examinee whose dissertation has already been accepted by the examiners shall not be required to submit a fresh dissertation while appearing at the subsequent examination. However, a fresh dissertation shall be required to be submitted and accepted by the examiners, shall be an essential pre-requisite in case the candidate seeks to appear for the examination in another branch of the M.D.S.
- iii) A candidate may be permitted by the Vice-Chancellor in consultation with Dean of the faculty of Dentistry to appear for the examination provisionally, in case the report on the dissertation is not received before the commencement of the examination. In such a case result of the examination shall not be declared until the report on dissertation is received and is reported to be accepted by at least 50% of the examiners. In case of non-acceptance of the dissertation, the performance of the candidate at examination shall be treated as cancelled and fee deposited for the examination shall not be adjusted for the next examination.
- iv) A candidate whose dissertation has been accepted by the examiners but who is declared failed at the subsequent examination(s), on submission of fresh application and payment of fresh examination fee, producing a certificate to that effect by the same postgraduate teacher and Head of the Department is allowed to appear for the subsequent examinations

- 9.6 Scope of syllabus of various branches specializations would be given separately.
- 9.7 Examination leading to the degree of Master of Dental Surgery (M.D.S.) in various branches shall be held twice a year at such place and on such dates as may be declared by the University.

10:- Scheme of Examination for M.D.S.

- 10.1 The examination for degree of M.D.S. shall comprise of the following branches: -
- i) Prosthodontics & Crown & Bridge
 - ii) Periodontics
 - iii) Oral and Maxillofacial Surgery
 - iv) Conservative Dentistry & Endodontics
 - v) Orthodontics & Dentofacial Orthopaedics
 - vi) Oral Pathology & Microbiology
 - vii) Community Dentistry
 - viii) Pedodontics and Preventive Dentistry
 - ix) Oral Medicine Diagnosis and Radiology.
- 10.2 Every M.D.S. student must undergo training in 2 subjects assigned as per the syllabus and pass in the college level examination as per the prescribed standards recommended by the Dean / Principal of the Dental College at the end of first year of his / her study.
- 10.3 At the end of three years of Post-graduate course and the dissertation having been accepted by the majority of the examiners, there shall be examination, which will consist of:
- a. Written
 - b. Clinical and / or Practical
 - c. Viva-voce or Oral Examination including dissertation
- The written examination shall consist of four theory papers, out of which first paper shall be in applied basic medical subjects consisting of Applied Anatomy/Applied Physiology. The remaining three papers shall be pertaining to the specialisation branch, out of which fourth paper shall be an Essay on any of the topics of the concerned branch.

- 10.4 For all the branches there shall be clinical, practical and viva-voce examinations, as per the specific requirements of the concerned branch specialization, of not less than two days duration. The examination may consist of case studies, diagnosis, treatment planning, case analysis and execution of commonly used treatment methods including prosthetic appliances and replacement investigations and other laboratory procedures etc. required in the respective branch specialization.
- 10.5 Standard of passing the examination (all branches)
Each theory paper will be of 100 marks. A candidate must get a minimum 50 marks to pass.
- 10.6 Scheme of practical examination and viva.
The examination will be of 400 marks. A candidate must obtain minimum 50% marks to pass the practical and viva voce examination.
- 10.7 Standard of passing
A candidate must pass theory examination and practical examination in the same and single attempt so that he will be declared successful and eligible for the award of the M.D.S. degree.
- 10.8 For written examination, following shall be titles of papers in which student will be examined in his/her respective specialization.

I. PROSTHODONTICS (BRANCH-I)

Paper – I Applied basic Medical Subjects

Including Applied General Medicine

Paper – II Complete Dentures and Maxillofacial Prosthodontics etc.

Paper – III Fixed and removable partial

Paper – IV An Essay

II. PERIODONTICS (Branch- II) :-

- Paper – I Applied basic medical subjects
Including applied general medicine
- Paper – II Subjects related to Periodontics.
- Paper – III Subjects related to Periodontics.
- Paper – IV An Essay

III ORAL AND MAXILLOFACIAL SURGERY (Branch- III):-

- Paper – I Applied basic medical subjects including applied general medicine.
- Paper- II & III Two papers on the subject related to maxillofacial surgery and implantology.
- Paper IV An essay

IV CONSERVATIVE DENTISTRY (Branch-IV):-

- Paper – I Applied Basic Medical Subjects
Including Applied General Medicine
- Paper – II Operative Dentistry
- Paper – III Endodontics
- Paper – IV As Essay

V ORTHODONTICS (Branch - V)

- Paper – I Applied Basic Medical Subjects
Including Applied General Medicine
- Paper – II & III Two papers on the subject of Orthodontics
- Paper – IV An essay

VI ORAL PATHOLOGY AND MICROBIOLOGY (Branch-VI)

- Paper – I Applied Basic Medical Subjects
Including Applied General Medicine
- Paper – II Oral Medicine and Diagnosis etc.
- Paper – III Radiology
- Paper –IV An Essay

VIII. PEDODONTICS AND PREVENTIVE DENTISTRY (Branch-VIII)

- Paper – I Applied Basic Medical Subjects
Including Applied General Medicine
- Paper – II General and Preventive Pedodontia
- Paper – III Management and Treatment of Dental Diseases in Children
- Paper – IV An Essay

IX. COMMUNITY DENTISTRY (Branch- IX): -

- Paper – I Applied Basic Medical Subjects
Including Applied General Medicine
- Paper – II General Community Dentistry
- Paper – III Specific Dental Subjects
- Paper – IV An Essay

11. ACTIVE STUDENTS: -

The post-graduate student who is actively perusing the M.D.S. course and regularly attending the day to day various activities, and whose dissertation is yet to be completed shall be considered as active student for the purpose of calculating active student under a post-graduate teacher. However, students having completed the attendance and dissertation, but not having appeared or failed in the examination or candidates having discontinued the course (absent for more than 6 months) and students not completing the dissertation within 1 year after the regular duration of the course, shall not be considered as active student for this purpose.

12. EXAMINERS: -

- a) Paper setter for the concerned branch shall set all the 4 theory papers of M.D.S. examination. For M.D.S. examination 4 different paper setters will be appointed in each branch. One of them will be the Chairman. Each paper setter will be asked

to set one paper in three sets. Chairman will moderate these paper sets in University premises and arrange them in three different sets. One set each may be used at random for the summer and winter examination. Chairman will be the senior most internal examiner.

- b) There shall be four examiners for M.D.S. examination in each branch and all examiners shall be post-graduate teachers of the concerned branch (specialty). Not less than 50% of the examiners shall be external examiners out side the state. However in emergency, less number of examiners may conduct the examination but in no case less than 50% of the examiners as external examiners. External examiner/external paper setter means a teacher who is not teaching in this university or any college affiliated to this University.
- c) The examiners/paper setters for M.D.S. examination shall have qualification and experience not less than that prescribed for a post-graduate teacher and same in emergency shall not be below the rank of Reader/Associate Professor.
- d) Paper setters and examiners can be same or different as per decision of the competent committee appointing them.
- e) The same set of examiners will be appointed for practical examination and viva voce.