



**VINAYAKA MISSION'S
RESEARCH FOUNDATION**
(Deemed to be University under section 3 of the UGC Act 1956)



**VINAYAKA MISSION'S
SANKARACHARIYAR
DENTAL COLLEGE**

MASTER OF DENTAL SURGERY (MDS) DEGREE PROGRAMME

UNDER FACULTY OF DENTISTRY

REVISED REGULATIONS

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1.Title and Commencement

These regulations shall be called as “Master of Dental Surgery (MDS) Degree Program Regulations 2019” or simply called as ‘MDS R2019’ of the Vinayaka Mission’s Research Foundation (Deemed to be University).

This regulation will come into immediate effect with the approval of the Academic Council based on the recommendations of Board of Studies and are subject to modifications as may be approved by the authorities of the University from time to time

2.Preamble

The degree of Master of Dental Surgery (MDS) under Faculty of Dentistry shall be awarded to a candidate who, as per these regulations, has successfully undergone the program, passed the prescribed examinations and thereby qualified to receive the degree.

3.Definition and Nomenclature:

In the Regulations, unless the context otherwise requires, certain terms used and their meanings are as under:

- I. AC means Academic Council of the Vinayaka Mission’s Research Foundation (Deemed to be University), principal academic body of the University
- II. BoM means Board of Management of the Vinayaka Mission’s Research Foundation (Deemed to be University), the highest governing body of the University
- III. BoS means Board of Studies of Vinayaka Mission’s Research Foundation (Deemed to be University) under Faculty of Dentistry
- IV. CoE means Controller of the Examinations of the Vinayaka Mission’s Research Foundation (Deemed to be University)

- V. College means Constituent College of the Vinayaka Mission's Research Foundation (Deemed to be University) running Dental Programs
- VI. Curriculum and Syllabus means the curriculum and syllabus for study as prescribed by the BoS and AC of the Vinayaka Mission's Research Foundation (Deemed to be University) based on the Dental Council of India regulations/guidelines
- VII. DCI means Dental Council of India, statutory council for Dental Programs/Colleges
- VIII. Dean means Dean of the Faculty of Dentistry
- IX. HoD means Head of the Department of the Constituent College
- X. HoI means Head of the Institution/ Principal of the Constituent college of the Vinayaka Mission's Research Foundation (Deemed to be University)
- XI. MoA means Memorandum of Association
- XII. MHRD means Ministry of Human Resource Development
- XIII. NEET means National Eligibility-cum-Entrance Test conducted by competent authority and recognized by DCI from time to time
- XIV. Program means Post Graduate program leading to award the Degree of MDS approved by the DCI and Vinayaka Mission's Research Foundation (Deemed to be University)
- XV. Teaching staff means the Dean, Principal, Professors, Associate professors or Readers, Assistant Professors, Lecturers, Tutors and other academic staff engaged in coaching the students and assisting the students in the conduct of studies and Research in the College/University
- XVI. UGC mean University Grants Commission established under University Grants Commission Act 1956
- XVII. VC means Vice Chancellor of the Vinayaka Mission's Research Foundation (Deemed to be University)

- XVIII. VMRF(DU) means Vinayaka Mission's Research Foundation (Deemed to be University) established under Section 3 of the UGC Act 1956 by MHRD based on the recommendation of UGC

4.Duration of the Program:

- a) The period of certified study and training of the Master of Dental Surgery Post- Graduate Degree Course shall be Three Academic Years.
- b) No exemption shall be given from this period of study and training for any other experience gained prior to admission to the course.

5.Medium of instruction

The medium of instruction for all the subjects and examination shall be English.

6.Fees structure

The Fee structure of this program shall be fixed by the Committee appointed for this purpose by VMRF (DU) from time to time.

7.Admission eligibility

Candidates admitted into the Master of Dental Surgery Degree Course should have passed the B.D.S. Degree examination of this University or an equivalent examination of any other University duly recognized by the Dental Council of India and should have registered with any State Dental Council and should fulfill the NEET criteria put forth by the DGHS.

- **AGE LIMIT:**

There is no upper age limit.

- **PHYSICAL FITNESS CERTIFICATE:**

Every candidate before admission to the course shall submit to the Principal of the Institution a Certificate of Medical Fitness from an authorized Medical Officer that the candidate is physically fit to undergo the M.D.S course and does not suffer from any contagious disease. Students with disability should produce the Disability Certificate issued by the duly constituted District Medical Board.

- **ELIGIBILITY CERTIFICATE:**

The candidate who has passed the qualifying examination from any University other than The VINAYAKA MISSIONS RESEARCH FOUNDATION - Deemed to be University before seeking admission to any one of the affiliated institutions shall obtain an Eligibility Certificate from the University by remitting the prescribed fees along with the filled in application form, which is available in the University Website (www.vinayakamission.com) and the required documents there of.

Admission:

Admission will be done as per the direction of DGHS through the NEET criteria.

8.Selection of students

There shall be a uniform NEET for admission to the post-graduate dental courses in each academic year conducted in the manner, as prescribed by the National Board of Examination or any other authority appointed by the Central Government in this behalf.

QUALIFYING CRITERIA FOR ADMISSION TO POST-GRADUATE COURSES

The candidate has to secure the following category-wise minimum percentile in NEET for admission to post-graduate courses held in a particular academic year.

General	50th Percentile
Person with locomotory disability of lower limbs	45th Percentile
Scheduled Castes, Scheduled Tribes, Other Backward Classes	40th Percentile

Provided that the percentile shall be determined on the basis of highest marks secured in the All-India common merit list in NEET for post-graduate courses.

The reservation of seats in dental college/institutions for respective categories shall be as per applicable laws prevailing in States/Union territories. An all India merit list as well as State-wise merit list of the eligible candidates shall be prepared on the basis of the marks obtained in NEET Test and candidates shall be admitted to post-graduate courses from the said merit list only

A candidate who has failed to secure the minimum percentile as prescribed in these regulations, shall not be admitted to any post-graduate courses in any academic year.

Minimum 5% seats of the annual sanctioned intake capacity shall be filled up by candidates with locomotory disability of lower limbs between 50% to 70%

Provided that in case any seat in this quota remains unfilled on account of unavailability of candidates with locomotory disability of lower limbs between 50% to 70% then any such unfilled seat shall be filled up by persons with locomotory disability of lower limbs between 40% to 50% - before they are included in the annual sanctioned seats for general category candidates

Provided further that this entire exercise shall be as per the statutory time schedule for admissions

9. Registration

All candidates admitted in the MDS program shall register his/her name with the VMRF (DU).

10. Commencement of the program

(1) Academic Year for the Master of Dental Surgery course shall commence from 1st May of the year of admission. The academic session shall be commenced from 1st of May and the cut-off date for admission, even for stray vacancies, in the Master of Dental Surgery course shall be 31st of May, every year. The teaching in post-graduate courses starts by 1st May each year as per the time schedule specified by the Dental Council of India

(2) There shall be no admission of students in respect of any academic session beyond the 31st May for post-graduate courses under any circumstances. The university shall not register any student beyond the said date.

(3) The Dental Council of India may direct, that any student identified as having obtained his/her admission after the last date for closure of admission be discharged from the course of study.

11. Working days in academic year

a) No candidate shall be permitted to appear in any one of the parts of M.D.S. Examinations, unless he / she has attended the course in all the subjects for the prescribed period in an affiliated Institution recognized by this University and has produced the necessary certificate of study, attendance, satisfactory conduct and progress from the Head of the Institution.

b) A candidate is required to put in minimum of 80% of attendance both in theory

and practical separately in each subject before admission to the examination. A candidate lacking in the prescribed attendance and progress in any one subject in theory and practical wherever necessary in the first appearance shall not be permitted for admission to the entire examination.

12. Migration

Under no circumstances, the migration or the transfer of students undergoing post-graduate Degree/Diploma shall not be permitted by the university. No inter-change of the specialty in the same institution or in any other institution shall be permitted after the date of the commencement of session.

13. Program structure

During the period, each student shall take part actively in learning and teaching activities design of training, by the institution or the university. The teaching and learning activities in each specialty, shall be as under:

- i. Lectures
- ii. Journal review
- iii. Seminars
- iv. Symposium
- v. Clinical Postings
- vi. Clinico Pathological conference
- vii. Inter departmental meetings
- viii. Teaching skills
- ix. Dental education programmes
- x. Conferences/workshops/advanced courses
- xi. Rotation and posting in other departments
- xii. Dissertation / Thesis

PROGRAMME OF STUDY:

BRANCH I – ORAL AND MAXILLOFACIAL SURGERY

Part-I

Paper-I: Applied Basic Sciences: Applied Anatomy, Physiology, & Biochemistry, Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics.

Part-II

Paper-I: Minor Oral Surgery and Trauma

Paper-II: Maxillo-facial Surgery

Paper-III: Descriptive and analysing type question

Entire body anatomy has been included in the syllabus which includes head & neck anatomy, anatomy of thorax, anatomy of extremities

BRANCH II – PERIODONTOLOGY

Part- I

Paper-I: Applied Basic Sciences: Applied Anatomy, Physiology, and Biochemistry, Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics.

Part-II

Paper I: Normal Periodontal structure, Etiology and Pathogenesis of Periodontal diseases, epidemiology as related to Periodontics

Paper II: Periodontal diagnosis, therapy and Oral implantology

Paper III: Descriptive and analysing type question

BRANCH III ORAL AND MAXILLOFACIAL PATHOLOGY AND ORAL MICROBIOLOGY:

Part-I

Paper-I : Applied Basic Sciences: Applied anatomy, Physiology (General and oral), Cell Biology, General Histology, Biochemistry, General Pathology, General and Systemic Microbiology, Virology, Mycology, Basic Immunology, Oral Biology (oral and dental histology), Biostatistics and Research Methodology

Part-II:

Paper-I: Oral pathology, Oral Microbiology and Immunology and Forensic Odontology

Paper-II: Laboratory techniques and Diagnosis and Oral Oncology

Paper-III: Descriptive and analysing type question

BRANCH IV – ORTHODONTICS & DENTOFACIALORTHOPAEDICS

Part-I

Paper-I: Applied Basic Sciences: Applied anatomy, Physiology, Dental Materials, Genetics, Pathology, Physical Anthropology, Applied Research methodology, Bio-Statistics and Applied Pharmacology.

Part-II

Paper-I : Orthodontic history, Concepts of occlusion and esthetics, Child and Adult Psychology, Etiology and classification of malocclusion, Dentofacial Anomalies, Diagnostic procedures and treatment planning in Orthodontics, Practice management in Orthodontic

Paper II: Clinical Orthodontics

Paper III: Descriptive and analysing type question

BRANCH V – PROSTHODONTICS AND CROWN & BRIDGE

Part-I

Paper-I : Applied Basic Sciences: Applied anatomy, embryology, growth and development Genetics, Immunology, anthropology, Physiology, nutrition and Biochemistry, Pathology and Microbiology, virology, Applied pharmacology, Research Methodology and bio statistics,. Applied Dental anatomy and histology, Oral pathology & oral Microbiology, Adult and geriatric psychology. Applied dental materials.

Part-II

Paper-I : Removable Prosthodontics and Implant supported prosthesis (Implantology), Geriatric dentistry and Cranio facial Prosthodontics

Paper-II : Fixed Prosthodontics, occlusion, TMJ and esthetics.

Paper-III : Descriptive and analysing type question

BRANCH VI – ORAL MEDICINE AND RADIOLOGY

Part-I

Paper-I: Applied Basic Sciences: Applied Anatomy, Physiology, and Biochemistry, Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics

Part-II:

Paper-I: Oral and Maxillofacial Radiology

Paper-II: Oral Medicine, therapeutics and laboratory investigations

Paper-III: Descriptive and analysing type question

BRANCH VII – CONSERVATIVE DENTISTRY & ENDODONTICS

Part-I

Paper-I: Applied Basic Sciences: Applied Anatomy, Physiology, Pathology including Oral Microbiology, Pharmacology, Biostatistics and Research Methodology and Applied Dental Materials.

Part-II

Paper-I: Conservative Dentistry

Paper-II: Endodontics

Paper-III: Descriptive and analysing type question

BRANCH VIII - PEDIATRIC DENTISTRY

Part-I

Paper I: Applied Basic Sciences: Applied Anatomy, Physiology, and Biochemistry, Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics Growth and Development and Dental plaque, Genetics.

Part-II:

Paper-I: Clinical Pedodontics

Paper-II: Preventive and Community Dentistry as applied to pediatric dentistry

Paper-III: Descriptive and analysing type question

BRANCH IX – PUBLIC HEALTH DENTISTRY

PART-I

Paper –I - **Applied Basic Sciences:** Applied Anatomy and Histology, Applied Physiology and Biochemistry, Applied Pathology, Microbiology, Oral Pathology, Physical and Social Anthropology, Applied Pharmacology and Research Methodology and Biostatistics.

PART-II

Paper I : Public Health

Paper II : Dental Public Health

Paper III : Descriptive and analysing type question

STIPEND:

The post-graduate students shall be paid stipend only for duration of three years of the course, as may be fixed by the Central Government/State Government/Union territory Administration or such authority fixed by VMRF(DU).

14. Examinations**(a) ELIGIBILITY:**

The following requirements shall be fulfilled by the candidate to become eligible for the final examination.

(i) Attendance: Every candidate shall secure (80% attendance during each academic year).

(ii) Progress and conduct: Every candidate shall participate in seminars, journal review meetings, symposia, conferences, case presentations, clinics and didactic lectures during each year organised by the concerned department.

(iii) Work diary and log book: Every candidate shall maintain a work diary and log book as per Annexure-I appended to these regulations for recording his or her participation in the training programmes conducted by the department. The work diary and log book shall be verified and certified by the Head of the Department of the institution. The certification of satisfactory progress is based on the work diary and log book.

(b) UNIVERSITY EXAMINATION._

The university examination shall consist of theory, practical and clinical examination and viva-voce and Pedagogy

(i) Theory:

Part-I: Shall consist of one paper

There shall be a theory examination in the Basic Sciences at the end of 1st year of course. The question papers shall be set and evaluated by the concerned Department/Specialty. The candidates shall have to secure a minimum of 50% in the Basic Sciences and shall have to pass the **Part-I** examination at least six months prior to the final (Part-II) examination.

Part-II: Shall consist of three papers, namely:–

(ii) Practical and Clinical Examination;

(iii) Viva-voce; and

(iv) Pedagogy.

A candidate who wishes to study in a second speciality, shall have to undergo the full course of three years duration in that speciality.

(c) DISSERTATION:

Every candidate appearing for the post-graduate degree examination shall at least six months prior to the examinations, submit with his form for examination, four typewritten copies of the dissertation undertaken by the candidate, prepared under the direction and guidance of his/her guide. The dissertation so submitted shall be referred to the examiners for their examination and acceptance of it shall be a condition precedent to allow the candidate to appear for the written part of the examination:

Provided that a candidate whose dissertation has been accepted by the examiner, but declared failed at the examination, shall be permitted to re-appear at the subsequent examination without a new dissertation:

Provided further that if the dissertation is rejected by the examiner, the examiner shall assign reasons therefor with suggestions for its improvement to the candidate and such candidate shall re-submit his/ her dissertation to the examiner who shall accept it before appearing in the examination.

(d) CLINICAL/PRACTICAL EXAMINATION:

Clinical/practical examination is designed to test the clinical skill, performance and competence of the candidate in skills such as communication, clinical examination, medical/dental procedures or prescription, exercise prescription, latest techniques, evaluation and interpretation of results so as to undertake independent work as a specialist. The affiliating university shall ensure that the candidate has been given ample opportunity to perform various clinical procedures.

e) VIVA-VOCE EXAMINATION:

Viva voce examination aims at assessing the depth of knowledge, logical reasoning, confidence and communication skill of the students.

DISTRIBUTION OF MARKS:

Theory : (Total 400 Marks)

(1) Part I University Examination (100 Marks):-

There shall be 10 questions of 10 marks each (Total of 100 Marks)

(2) Part II (3 papers of 100 Marks):-

(i) Paper-I: 2 long essay questions of 25 marks each and 5 short essays of 10 marks each. (Total of 100 Marks)

(ii) Paper-II: 2 long essay questions of 25 marks each and 5 short essays of 10 marks each. (Total of 100 Marks)

(iii) Paper III: 2 out of 3 essay questions (50 x 2 = 100 Marks)

Practical and Clinical Examination : 200 Marks

Viva-voce and Pedagogy : 100 Marks

15. Criteria for award of degree

To pass the university examination, a candidate shall secure in both theory examination and in practical/clinical including viva voce independently with an aggregate of 50% of total marks allotted (50 out of 100 marks in Part I examination and 150 marks out of 300 in Part II examination in theory and 150 out of 300, clinical

plus viva voce together). A candidate securing marks below 50% as mentioned above shall be declared to have failed in the examination. The candidates shall have to secure a minimum of 50% in the Basic Sciences and shall have to pass the **Part-I** examination at least six months prior to the final (Part-II) examination.

A candidate who is declared successful in the examination shall be granted a Degree of Master of Dental Surgery in the respective speciality.

16. Award of degree and ranking

Distinction will be awarded to successful candidates who secure 75% marks or more as a course aggregate in all the subjects without any failure.

17. Adoption of SWAYAM

Examination in Swayam in Research Methodology is made mandatory. First Year MDS Students have to pass the exam to be eligible to take up part I University Examinations. (6th BOS)

18. Modification of Regulations

These regulations are subject to modifications from time to time as per the decisions of the Academic council and Board of studies of the VMRF (DU).

19. ANNEXURE

DECLARATION

I.....

Son of / Daughter of

Residing at.....

and admitted to in I year of (Name of the course /

UG/P.G) at

.....

(Name of the college) do hereby solemnly affirm and sincerely state as follows:

I declare that I shall abide by the rules and regulations prescribed by the
VINAYAKA MISSIONS RESEARCH FOUNDATION - Deemed to be University,
Salem for the

.....(course) including regulations for readmission after the
break
of study.

Signature of Candidate.

Date:

/countersigned/

Dean/Principal/Director

(Office date seal)