



SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
— Deemed to be University —

MASTER OF DENTAL SURGERY (M.D.S.) DEGREE

REGULATIONS -2017

(For students admitted from 2017 - 2018 onwards)

PEDIATRIC DENTISTRY

**FACULTY OF MEDICINE AND HEALTH SCIENCES
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
(FORMERLY KNOWN AS SRM UNIVERSITY)
KATTANKULATHUR – 603 203**

**REGULATIONS -2017
MASTER OF DENTAL SURGERY (M.D.S.)
PEDIATRIC DENTISTRY**

1. SHORT TITLE AND COMMENCEMENT:

These regulations shall be called '**MASTER OF DENTAL SURGERY REGULATIONS 2017**' under SRM Institute of Science and Technology, Kattankulathur, Kancheepuram District, Tamilnadu. The regulations are in compliance to the Dental Council of India Master of Dental Surgery course regulations 2017 released in the Gazette of India dated 05.09.2017. The same has been placed and approved by the 36th Academic council meeting of SRM Institute of Science and Technology held on 25.10.2017.

The regulations shall come into force for the candidates admitted from the academic year 2017-2018 onwards.

Definitions:

Paedodontics and Preventive Dentistry

Deals with prevention and treatment of oral and Dental ailments that may occur during childhood.

NEET :

NEET means the National Eligibility –cum-Entrance Test conducted by the National Board of Examination for admission to post-graduate courses

2. GOALS & OBJECTIVES:

2. A. GOALS

The goals of postgraduate training in various specialties are to train B.D.S. graduate who will, after successful completion of the course:

- ✓ Practice respective specialty efficiently and effectively, backed by scientific knowledge and skill.
- ✓ Exercise empathy and a caring attitude and maintain high ethical standards.
- ✓ Continue to evince keen interest in continuing professional education in the specialty and allied specialties irrespective of whether in teaching or practice.
- ✓ Willing to share the knowledge and skills with any learner, junior or a colleague.
- ✓ Develop the faculty for critical analysis and evaluation of various concepts and views, to adopt the most rational approach.

2. B. OBJECTIVES:

The objective is to train a candidate so as to ensure higher competence in both general and special area of interest and prepare him for a career in teaching, research and speciality practice. A candidate must achieve a high degree of clinical proficiency in the subject matter and develop competence in research and its methodology as related to the field concerned.

The above objectives are to be achieved by the time the candidate completes the course. The objectives may be considered as under -

1. Knowledge (Cognitive domain)
2. Skills (Psycho motor domain)
3. Human values, ethical practice and communication abilities

KNOWLEDGE:

- ✓ Demonstrate understanding of basic sciences relevant to speciality.
- ✓ Describe aetiology, patho-physiology, principles of diagnosis and management of common problems within the speciality in adults and children.
- ✓ Identify social, economic, environmental and emotional determinants in a given case and take them into account for planning treatment.
- ✓ Recognise conditions that may be outside the area of speciality/competence and to refer them to an appropriate specialist.
- ✓ Update knowledge by self - study and by attending courses, conferences, and seminars relevant to speciality.
- ✓ Undertake audit, use information technology and carryout research both and clinical with the aim of publishing or presenting the work at various scientific gatherings.

The students undergoing postgraduate courses shall be exposed to the following:-

- Basics of statistics to understand and critically evaluate published research papers.
- Few lectures on other type of exposure to human behavior studies.
- Basic understanding of pharmaco-economics.
- Introduction to the non-linear mathematics.

SKILLS:

- ✓ Take a proper clinical history, examine the patient, perform essential diagnostic procedures and order relevant tests and interpret them to come to a reason diagnosis about the condition.
- ✓ Acquire adequate skills and competence in performing various procedure required in the specialty.

HUMAN VALUES, ETHICAL PRACTICE AND COMMUNICATION ABILITIES:

- ✓ Adopt ethical principles in all aspects of practice.
- ✓ Professional honesty and integrity are to be fostered.
- ✓ Patient care is to be delivered irrespective of social status, caste, creed or religion of the patient.
- ✓ Develop communication skills, in particular and skill to explain various option available in management and to obtain a true informed consent from the patient
- ✓ Provide leadership and get the best out of his team in a congenial working atmosphere.
- ✓ Apply high moral and ethical standards while carrying out human or animal research.
- ✓ Be humble and accept the limitations in his knowledge and skill and to ask for help from colleagues when needed.
- ✓ Respect patient's rights and privileges including patient's right to information and right to seek a second opinion.

3. ELIGIBILITY FOR SELECTION CRITERIA OF STUDENTS:

A candidate for admission to the Master in Dental Surgery course, must possess a recognized degree of **Bachelor in Dental Surgery** awarded by a university or institute in India and registered with the State Dental Council and has obtained provisional or permanent registration and has undergone compulsory rotatory internship of a year in an approved/recognized dental college:

Provided that in the case of a foreign national, the following procedure shall be followed:—

The Council may, on payment of the prescribed fee for registration, grant temporary registration for the duration of the post-graduate training restricted to the dental college/institution to which he or she is admitted for the time being exclusively for post-graduate studies:

Provided further that temporary registration to such foreign national shall be subject to the condition that such person is duly registered as medical practitioner

in his/her own country from which he/she has obtained his/her basics dental qualification and that his/her degree is recognized by the corresponding state dental council or concerned authority.

3. A. SELECTION OF CANDIDATE FOR POST-GRADUATE COURSES:

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. The overall superintendence, direction and control of the NEET shall vest with the Council.

3. B. QUALIFYING CRITERIA FOR ADMISSION TO POST-GRADUATE COURSES :

- (a) 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. Provided that the percentile shall be determined on the basis of highest marks secured in the All-Indiacommon merit list in NEET for post-graduate courses:

General	50th Percentile
Person with locomotor disability of lower limbs	45th percentile
Scheduled castes, Scheduled tribes, other backward classes	40th percentile

Provided further, that when sufficient number of candidates in the respective categories fail to secure minimum marks as prescribed in NEET held for any academic year for admission to post-graduate courses, the Central Government in consultation with the Council may, at its discretion lower the minimum marks required for admission to post-graduate courses for candidates belonging to respective categories and marks so lowered by the Central Government shall be applicable for the said academic year only.

- (b) 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

- (c) 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.

3. C. COMMON COUNSELING:

There shall be a common counseling for admission to all post-graduate specialties (MDS) on the basis of merit list of the NEET to be conducted by the Directorate General of Health Services, Ministry of Health and Family Welfare, Government of India.

3. D. REQUIRED DOCUMENTS:

No candidate shall be admitted to any Postgraduate MDS course unless the candidate has obtained and produced eligibility certificate issued by University.

The candidate has to make an application to the University with the following documents along with the prescribed fee:

- a. BDS pass / degree certificate issued by the University.
- b. Marks cards of all the university examinations passed (I to IV BDS year course).
- c. Attempt Certificate issued by the Principal.
- d. Certificate regarding the recognition of the Dental College by the Dental Council of India.
- e. Completion of paid rotatory internship certificate from a recognized college.
- f. Registration by any State Dental Council and
- g. Proof of SC/ ST or Category I, as the case may be.

Candidates should obtain the Eligibility Certificate before the last date for admission as notified by the University.

A candidate who has been admitted to postgraduate course should register his / her name in the University within a month of admission after paying the registration fee.

4. COURSE OVERVIEW:

4. A. DURATION OF THE COURSE:

The Course shall be of three years duration. All the candidates for the degree of MDS are required to pursue the prescribed course for at least three academic years course as full time candidates under the direction of the Head of the Department, who has to be a recognized postgraduate teacher in that specialty.

4. B. MAXIMUM DURATION OF THE COURSE:

The time period required for passing out of the MDS course shall be a maximum of 6 years from the date of admission in said course.

5. COMMENCEMENT OF ACADEMIC SESSION:

The classes for the course shall commence from 1st week of May and the cut –off date for admission will be 31st May.

6. MIGRATION:

Under no circumstances, the migration or the transfer of students undergoing post-graduate degree shall not be permitted by **SRM Institute of Science and Technology** or the authority. No interchange of the speciality in the same institution or in any other institution shall be permitted after the date of commencement of session

7. COMMENCEMENT OF EXAMINATION:

Written examination shall consist of Basic Science -Part 1, which will be conducted at the end of 1st year of MDS course. Part 2 examination shall be conducted during the 1st week of June after completion of 3 years/ 36 months. Examinations for the repeaters /arrears shall be conducted in the month of December every academic year.

The University shall conduct not more than two examinations in a year, for any subject, with an interval of not less than 4 and not more than 6 months between the two examinations.

8. STRUCTURE OF PROGRAM:

M.D.S - Paedodontics and Preventive Dentistry		
Subject Code		Subject Title
Part - I		
17MDS811	Paper-1	Applied Basic Sciences: Applied Anatomy, Physiology, and Biochemistry, Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics Growth and Development and Dental Plaque, Genetics.

Part – II		
17MDS821	Paper - 1	Clinical Pedodontics
17MDS822	Paper - 2	Preventive and Community Dentistry as applied to paediatric dentistry
17MDS823	Paper - 3	Descriptive and Analysing type question
17MDS824	Paper - 4	Practical and Clinical
17MDS825	Paper - 5	Viva - Voce and Pedagogy

9. ATTENDANCE, PROGRESS AND CONDUCT:

A candidate pursuing degree/diploma course should work in the concerned department of the institution for the full period as a full time student. No candidate is permitted to run a clinic/ work in a clinic / laboratory /nursing home while studying post graduate course.

No candidate shall join any other course of study or appear for any other examination conducted by this university or any other university in India or abroad during the period of registration. Each year shall be taken as a unit for the purpose of calculating attendance. Every candidate shall have not less than 80 percent of attendance in each year of the course. However, candidates should not be continuously absent as the course is a full time one.

Every candidate shall attend symposia, seminars, conferences, journal review meetings, grand rounds, CPC, case presentation, clinics and lectures during each year as prescribed by the department and not absent himself /herself from work without valid reasons.

CONDONATION:

There is no condonation for MDS courses

10. MONITORING PROGRESS OF STUDIES:

10.1. WORK DIARY / LOG BOOK:

- ✓ Every Post Graduate candidate shall maintain a record of skills [Log Book] he has acquired during the three years training period, certified by the various Heads of Departments he has undergone training.
- ✓ The candidate should record of his / her participation in the training programme conducted by the department such as journal reviews, seminars, etc. in the Log book.

- ✓ Special mention may be made of the presentations by the candidate as well as details of clinical or laboratory procedures, if any conducted by the candidate.
- ✓ The Head of the Department shall scrutinize the Log Book every 3 months.
- ✓ At the end of the course, the candidate should summarise the contents and the Log Book certified by the Head of the Department and Head of the Institution.
- ✓ The Log Book should be submitted at the time of University practical / Clinical examination for the scrutiny of the board of Examiners.

10.2. PERIODIC TESTS:

In case of degree courses of three years duration, the concerned departments may conduct three tests, two of them be annual tests, one at the end of first year and the other in the second year. The third test may be held three months before the final examination. The tests may include written papers, practical/clinical and viva voce. Records and marks obtained in such tests will be maintained by the Head of the Department and sent to the University, when called for.

10.3. RECORDS:

Records and marks obtained in tests will be maintained by the Head of the Department and will be made available to the University when called for.

11. DISSERTATION:

The trainees shall prepare a dissertation based on the clinical or experimental work or any other study conducted by them under the supervision of the guide.

11.1. DISSERTATION:

The dissertation is aimed to train a postgraduate student in research methods and techniques. It includes identification of a problem, formulation of a hypothesis, search and review of literature, getting acquainted with recent advances, designing of a research study, collection of data, critical analysis, comparison of results and drawing conclusions.

Every candidate shall submit to the Registrar of the University in the prescribed proforma, a synopsis containing particulars of proposed dissertation work within **six months** from the date of commencement of the course on or before the dates notified by the University. The synopsis shall be sent through the proper channel. Such synopsis will be reviewed and the dissertation topic will be registered by the University. No change in the dissertation topic or guide shall be made without prior approval of the University.

The dissertation should be written under the following headings:

- i. Introduction
- ii. Aims or Objectives of study
- iii. Review of Literature
- iv. Material and Methods
- v. Results
- vi. Discussion
- vii. Conclusion
- viii. Summary

The written text of dissertation shall be not less than 50 pages and shall not exceed 150 pages excluding references, tables, questionnaires and other annexure. It should be neatly typed in double line spacing on one side of paper (A4 size, 8.27" x 11.69") and bound properly. Spiral binding should be avoided. The dissertation shall be certified by the guide, head of the department and head of the Institution.

The completed dissertation should be submitted six months before the final examination as per calendar of events.

The dissertation shall be valued by examiners appointed by the University. Approval of dissertation work is an essential precondition for a candidate to appear in the University examination.

Guide: The academic qualification and teaching experience required for recognition by this University as a guide for dissertation work is as laid down by Dental Council of India.

Co-guide: A co-guide may be included provided the work requires substantial contribution from a sister department or from another institution recognised for teaching/training by the Dental Council of India. The co-guide shall be a recognised postgraduate teacher of the University.

Change of guide: In the event of a registered guide leaving the college for any reason or in the event of death of guide, guide may be changed with prior permission from the university.

12. EXAMINATION:

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.

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

12.1. 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

- i. Three theory papers
- ii. Practical and Clinical Examination
- iii. Viva-voce
- 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.

12.2 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 resubmit his/ her dissertation to the examiner who shall accept it before appearing in the examination.

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. SRM Institute of Science and Technology shall ensure that the candidate has been given ample opportunity to perform various clinical procedures. The practical/clinical examination in all the specialities shall be conducted for six candidates in two days.

Provided that practical/clinical examination may be extended for one day, if it is not complete in two days.

VIVA-VOCE EXAMINATION: Viva voce examination aims at assessing the depth of knowledge, logical reasoning, confidence and communication skill of the students.

SCHEME OF EXAMINATION:

Theory: Part-I: Basic Sciences Paper - **100 Marks**

Part-II: Paper-I, Paper-II & Paper-III - **300 Marks** (100 Marks for each Paper)

Written examination shall consist of Basic Sciences (Part-I) of three hours duration shall be conducted at the end of First year of MDS course. Part-II Examination shall be conducted at the end of Third year of MDS course. Part-II

Examination shall consist of Paper-I, Paper-II and Paper-III, each of three hours duration. Paper-I & Paper-II shall consist of two long answer questions carrying 25 marks each and five questions carrying 10 marks each. Paper-III will be on Essays. In Paper-III three Questions will be given and student has to answer any two questions. Each question carries 50 marks. Questions on recent advances may be asked in any or all the papers.

12.3 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):(Total 400 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 EXAMINATION: 200 MARKS

VIVA-VOCE AND PEDOGOGY: 100 MARKS

(MODEL QUESTION PATTERN)
MDS DEGREE EXAMINATIONS
PART I
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

TIME : 3 HRS

MAX.MARKS:100

Answer All the Questions

(10x10= 100 marks)

- 1.-----
- 2.-----
- 3.-----
- 4.-----
- 5.-----
- 6.-----
- 7.-----
- 8.-----
- 9.-----
- 10.-----

(MODEL QUESTION PATTERN)
MDS DEGREE EXAMINATIONS
PART II- PAPER I
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

TIME : 3 HRS

MAX.MARKS:100

Section A

Answer All the Questions

(2 x 25= 50 marks)

- 1.-----
- 2.-----

Section B

Answer All the Questions

(5x10=50 marks)

- 3.-----
- 4.-----
- 5.-----
- 6.-----
- 7.-----

(MODEL QUESTION PATTERN)
MDS DEGREE EXAMINATIONS
PART II- PAPER II
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

TIME: 3 HRS

MAX.MARKS:100

Section A

Answer All the Questions (2 x 25=50 marks)

- 1.-----
- 2.-----

Section B

Answer All the Questions (5 x 10=50 marks)

- 3.-----
- 4.-----
- 5.-----
- 6.-----
- 7.-----

(MODEL QUESTION PATTERN)
MDS DEGREE EXAMINATIONS
PART II- PAPER III
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

TIME : 3 HRS

MAX.MARKS:100

Section A

Answer Any 2 Questions (2 x 50=100 marks)

- 1.-----
- 2.-----
- 3.-----

M.D.S - Paedodontics and Preventive Dentistry				
Subject Code		Subject Title	Passing minimum	Maximum marks
Part - I				
17MDS811	Paper-1	Applied Basic Sciences: Applied Anatomy, Physiology, and Biochemistry, Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics Growth and Development and Dental Plaque, Genetics.	50	100
		Theory aggregate	50	100
Part – II				
17MDS821	Paper - 1	Clinical Pedodontics		100
17MDS822	Paper - 2	Preventive and Community Dentistry as applied to pediatric dentistry		100
17MDS823	Paper - 3	Descriptive and Analysing type question		100
		Theory aggregate	150	300
17MDS824	Paper - 4	Practical and Clinical		200
17MDS825	Paper - 5	Viva - Voce and Pedagogy		100
		Practical aggregate	150	300

***Note:** The Topics assigned to the different papers are generally evaluated under those sections. However a strict division of the subject may not be possible and some overlapping of topics is inevitable. Students should be prepared to answer overlapping topics.

PRACTICAL EXAMINATIONS:

PRACTICAL / CLINICAL EXAMINATION: 200 MARKS

The clinical/ Practical and Viva-Voce examination are conducted for a minimum of two days.

FIRST DAY:

1. Case discussion, pulp therapy i.e pulpectomy on a primary molar.
 - a. Case discussion: 20 marks
 - b. Rubber dam application: 10 marks
 - c. Working length X ray : 20 marks
 - d. Obturation: 20 marks
 - e. Total : 70 marks
2. Case discussion, crown preparation on a primary molar for stainless steel crown and cementation of the same.
 - a. Case discussion :10 marks
 - b. Crown preparation: 20 marks
 - c. Crown selection and cementation: 20 marks
 - d. Total : 50 marks
3. Case discussion, band adaptation for fixed type of space maintainer and impression making.
 - a. Case discussion: 20 marks
 - b. Band adaptation: 20 marks
 - c. Impression : 20 marks
 - d. Total : 60 marks

SECOND DAY:

Evaluation of fixed space maintainer and cementation: 20 marks

VIVA-VOCE AND PEDAGOGY: 100 Marks

- ✓ Viva-Voce examination: 80 marks
All examiners will conduct viva-voce jointly on candidate's comprehension, analytical approach, expression, interpretation of data and 'communication skills. It includes all components of course contents. It includes presentation and discussion on dissertation also.
- ✓ Pedagogy Exercise: 20 marks
A topic will be given to each candidate in the beginning of clinical examination. He/ she will be asked to make a presentation on the topic for 8-10 minutes.

13. EVALUATION METHOD

13.1. EXAMINERS:

PART I:

There shall be one internal and one external examiner for three students appointed by the affiliating university for evaluating the answer scripts of the same specialty. However, the number of examiner/s may be increased with the corresponding increase in number of students.

PART II:

There shall be four examiners in each subject. Out of them, two (50%) shall be external examiners and two (50%) shall be internal examiners. Both external examiners shall be from a university other than the affiliating university and one examiner shall be from a university of different State.

13.2. QUALIFICATION AND EXPERIENCE FOR EXAMINERS:

The qualification and experience for appointment of an examiner shall be as under:-

- i Shall possess qualification and experience of a Professor in a post-graduate degree programme;
- ii A person who is not a regular post-graduate teacher in the subject shall not be appointed as an examiner;
- iii The internal examiner in a subject shall not accept external examinership in a college for the same academic year;
- iv No person shall be appointed as an external examiner for the same institution for more than two consecutive years. However, if there is a break of one year, the person can be re-appointed.

13.3. VALUATION OF ANSWER BOOKS:

PART-I & II:

Answer books shall be evaluated by four examiners, two internal and two external and the average marks shall be computed.

14. PASSING MINIMUM:

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

15. RE-VALUATION AND RE-TOTALLING:

There is no provision for re-evaluation or re-totalling of answer books.

16. CLASSIFICATION:

As the Master of Dental Surgery course is more of training and practice oriented giving class is precluded.

MEDALS AND RANKINGS:

All papers should be cleared in the first attempt and percentage of marks secured should be above 60.

17. SYLLABUS:

Part-I -Applied Basic Sciences

Part-II

Paper-I : Clinical Pedodontics

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

Paper-III : Descriptive and analyzing type question

DETAILED SYLLABUS:

PART I	Applied Basic Sciences: Applied Anatomy, Physiology, and Microbiology, Pharmacology, Research Methodology and Biostatistics Growth and Development and Dental plaque, Genetics.
PART II	
Paper-1	Clinical Pedodontics
Paper-2	Preventive and Community Dentistry as applied to pediatric dentistry
Paper-3	Descriptive and analyzing type question

PART I

SUBJECT CODE	PAPER	SUBJECT TITLE
17MDS811	PAPER 1	Applied Basic Sciences: Applied Anatomy, Physiology, and Biochemistry, Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics Growth and Development and Dental Plaque, Genetics.

PART -1

PAPER I: Applied - anatomy, physiology, pathology, microbiology, nutrition, dietetics

APPLIED ANATOMY:

1. Development and growth of face, teeth and jaws.
2. Congenital abnormality of orofacial region
3. Tongue
4. Muscles of face and neck
5. Functional anatomy of mastication
6. Deglutition , speech
7. Histology of oral mucosa, connective tissue, bone, cartilage cellular elements of blood vessels, lymphatics, nerves muscles,
8. Tooth and surrounding structures
9. Salivary glands – anatomy embryology , histology
10. Dental pulp - anatomy
11. Theories of growth
12. Nature of skeletal growth – primary cartilage, secondary cartilage, growth centre growth site.

APPLIED PHYSIOLOGY:

1. Nervous system – physiology of nerve conduction
2. Blood – composition, hemostasis, dyscariasis and management , hemorrhage and control, blood grouping, blood transfusion , blood substitutes,
3. Digestive system – composition and functions of saliva, mastication , deglutition, digestion, assimilation,
4. Respiratory system – respiration , control of ventilation , anoxia, asphyxia, artificial respiration , hypoxia – types and management, difference in respiratory rates according to age,

5. CVS – blood pressure, difference in heart rates according to age, CPR
6. Endocrinology – metabolism of calcium , role of calcium in development of teeth, disorders in thyroid , parathyroid, adrenal, pituitary
7. Milestones in development

APPLIED PATHOLOGY:

1. Inflammation
2. Acute and chronic inflammation - cellular changes, repair and regeneration, necrosis and gangrene. role of NSAIDS in inflammation.
3. Wound management – wound healing, factors influencing healing, properties and uses of suture materials
4. Hemostasis – role of endothelium in thrombogenesis, arterial and venous thrombi
5. Hypersensitivity
6. Neoplasia – classification of malignant and benign neoplasm in children and their management
7. Chromosomal abnormalities of orofacial region

MICROBIOLOGY:

1. Normal oral microbial flora
2. Defense mechanism of oral cavity
3. Microbiology and immunology of DC and periodontal disease
4. Tumor immunology
5. Infections of pulp and periapical and periodontal tissues
6. Oral sepsis and bacteremia
7. Microbial genetics
8. Infections of oral and paraoral regions

NUTRITION:

1. General principles, balanced diet, effect of dietary deficiency , role of diet in development of teeth, role of diet in development of dental caries, malnutrition, nutritional support, role of vitamins,
2. Fluid and electrolyte balance – body fluid compartment, metabolism of water and electrolytes, factors for homeostasis
3. Role of hormones
4. Role of phosphorus homeostasis
5. Enzymology

DIETETICS:

1. Diet counseling & analysis
2. WHO oral health methods
3. Indices
4. National health program and oral health policy
5. Oral health care delivery system
6. Primary health care
7. Theory of dental public health
8. Dental problems of specific groups such as chronically ill and handicapped patients
9. Difference between community and school dental health General Pedodontics
 - a. Growth and development: Prenatal and postnatal development of cranium , face, jaws, teeth and supporting structures. Chronology of dental development and development of occlusion. Dimensional changes in dental arches. Cephalometric evaluation of growth.
 - b. Various drugs used in children
 - c. Dental plaque – definition, initiation , pathogenesis, Biochemistry, morphology& metabolism.
 - d. Microbiology & immunology as related to oral diseases in children: basic concepts, immune system in human body, auto immune diseases, histo path, pathogenesis, immunology of dental caries, Periodontal diseases, Tumors Oral mucosal lesions.
 - e. Gingival and Periodontal lesions in children
 - f. Normal Gingiva and Periodontium in children
 - g. Gingival and periodontal diseases – etiology, pathogenesis, Prevention and management.
 - h. Dental radiology as related to pediatric dentistry
 - i. Pediatric oral medicine and clinical pathology
 - j. Child abuse & dental neglect, Counseling in pediatric dentistry

BIOCHEMISTRY:

1. Chemistry of carbohydrates, lipids, proteins ,Methods of identification and purification
2. Metabolism of carbohydrates, lipids, proteins
3. Biological oxidation
4. Various techniques: cell fractionation and ultrafiltration, centrifugation,, electrophoresis, spectrophotometry, and radioactive techniques.

APPLIED PHARMACOLOGY & THERAPEUTICS

1. Definition of terminologies used
2. Dosage and mode of administration of drugs
3. Action and fate of drugs in the body
4. Drug addiction , tolerance and hypersensitivity reactions
5. Drugs acting on the CNS
6. General and local anesthetics , hypnotics, analeptics and tranquilizers
7. Chemo therapeutics and antibiotics
8. Analgesics and antipyretics
9. Antitubercular and antisiphilitic drugs
10. Antiseptics, sialogogues and antisialogogues
11. Haematinics
12. Antidiabetics

BIOSTATISTICS:

1. Statistical principles
 - a. Data Collection
 - b. Method of presentation
 - c. Method of Summarizing
 - d. Methods of analysis - different tests/errors
2. Sampling and Sampling technique
3. Experimental models, design and interpretation
4. Development of skills for preparing clear concise and cogent scientific abstracts and publication

APPLIED RESEARCH METHODOLOGY IN PEDODONTIA

1. Experimental design
2. Animal experimental protocol
3. Principles in the development, execution and interpretation of methodologies in Pedodontia
4. Critical Scientific appraisal of literature.

GENETICS

1. Cell structure, DNA, RNA, protein synthesis, cell division
2. Chromosomal abnormalities
3. Principles of orofacial genetics
4. Genetics malocclusion
5. Molecular basis of genetics
6. Genetic counseling

GROWTH & DEVELOPMENT:

1. Assessment of growth and development:
2. Growth prediction, growth spurts, the concept of normality and growth increments of growth, differential growth, gradient of growth, methods of gathering growth data. Theories of growth and recent advances, factors affecting physical growth.
3. Muscles of mastication:
4. Development of muscles, muscle change during growth, muscle function and development, muscle function and malocclusion
5. Development of dentition and occlusion:
6. Dental development periods, order of tooth eruption, chronology of permanent tooth formation, periods of occlusal development, pattern of occlusion.
7. Assessment of skeletal age, the carpal bones, carpal x - rays, cervical vertebrae

PART II

SUBJECT CODE	PAPER	SUBJECT TITLE
17MDS821	PAPER 1	Clinical Pedodontics

PART-II

PAPER 1 -CLINICAL PEDODONTICS

1. Instruments used and asepsis
2. Child psychology – development and classification of behavior, personality, intelligence in children, theories of child psychology, stages of psychological development, fear, anxiety, apprehension & management
3. Behavior management – NonPharmacological and pharmacological methods
4. Local anesthesia, Conscious sedation, deep sedation and GA
5. Pediatric operative dentistry
6. Pediatric endodontics
7. Prosthetic consideration in pediatric dentistry
8. Traumatic injuries in children
9. Preventive & Interceptive orthodontics
10. Oral habits in children
11. Dental care of children with special health care needs
12. Management of minor oral surgical procedures in children
13. Cardiology
14. Congenital abnormalities in children

15. Dental emergencies in children and their management
16. Medico legal aspects in pediatric dentistry with emphasis on informed concept
17. Case history recording, outline, principles of examination and treatment planning
18. Principles of biostatistics and research concept
19. Comprehensive cleft care management
20. Setting up of Pedodontics & preventive dental clinic
21. Dental materials
22. Introduction characteristics and ideal requirements of dental materials
23. Classification, structure, physical, mechanical, chemical and biological characteristics of dental materials
 - a. Classification of impression materials (composition, handling, disinfection)
 - b. Gypsum products, resins
 - c. Response of pulp to various dental materials

PART II

SUBJECT CODE	PAPER	SUBJECT TITLE
17MDS822	PAPER 2	Preventive and Community Dentistry as applied to paediatric dentistry.

PAPER 2 -PREVENTIVE PEDODONTICS

1. Preventive pedo – concepts, chair side preventive measures for dental diseases, high risk caries including rampant & extensive caries – recognition, features and preventive management.
2. Levels of prevention
3. Pit and fissure sealants
4. OH measures
5. Correlation of brushing and other diseases
6. Diet and nutrition as related to DC
7. Diet counseling
8. Preventive dentistry
9. Definition
10. Principles and scope
11. Types of prevention
12. Different preventive measures used in pediatric dentistry
13. Caries vaccine

14. Dental health education & school dental health programmes
15. Dental health concepts and principles of preventive dentistry
16. Comprehensive infant oral health care
17. Fluorides
18. Epidemiology : concepts, methods of recording
19. Survey procedures
20. Research methodology

PART II

SUBJECT CODE	PAPER	SUBJECT TITLE
17MDS823	PAPER 3	Descriptive and Analysing type question.

PAPER III -Descriptive and analyzing type question

18. TEACHING AND LEARNING ACTIVITIES:

18.1. LECTURES:

There shall be some didactic lectures in the specialty and in the allied fields. The departments shall encourage guest lectures in the required areas and integrated lectures by multi-disciplinary teams on selected topics, to strengthen the training programmes.

18.2. JOURNAL REVIEW:

The journal review meetings shall be held at least once a week. All trainees associate and staff associated with the post-graduate programme are expected to participate actively and enter relevant details in the logbook. The trainee shall make presentations from the allotted journals of selected articles. A model check list for the evaluation of journal review presentation is annexed at Schedule-I of these regulations.

18.3. SEMINARS:

The seminars shall be held at least twice a week in each department. All trainees are expected to participate actively and enter relevant details in logbook. A model check list for the evaluation of seminar presentation is annexed at Schedule-II of these regulations.

18.4. SYMPOSIUM:

It is recommended to hold symposium on topics covering multiple disciplines.

18.5. CLINICAL POSTINGS:

Each trainee shall work in the clinics on regular basis to acquire adequate professional skills and competency in managing various cases, A model check list for evaluation of clinical postings is annexed at Schedule-III of these regulations.

18.6. CLINICO- PATHOLOGICAL CONFERENCE:

The clinico pathological conference shall be held once a month involving the faculties of Oral Medicine and Radiology, Oral Pathology and allied clinical departments. The trainees shall be encouraged to present the clinical details, radiological and histo-pathological interpretations and participation in the discussions.

18.7. INTER-DEPARTMENT AL MEETINGS:

To encourage integration among various specialties, there shall be inter-departmental meeting chaired by the Dean with all heads of post-graduate departments at least once a month.

18.8. TEACHING SKILLS:

All the trainees shall be encouraged to take part in undergraduate teaching programmes either in the form of lectures or group discussions. A model check list for evaluation of teaching skills is annexed at Schedule-IV of these regulations.

18.9. DENTAL EDUCATION PROGRAMMES:

Each department shall organize dental education programmes on regular basis involving other institutions. The trainees shall also be encouraged to attend such programmes conducted outside their university or institute.

18.10. CONFERENCES / WORKSHOPS / ADVANCED COURSES:

The trainees shall be encouraged to attend conference /workshops/ advanced courses and also to present at least two scientific papers and two posters at State/national level specialty and allied conferences / conventions during the training period.

18.11. ROTATION AND POSTING IN OTHER DEPARTMENTS:

To bring in more integration among the specialties and allied fields, each department shall workout a programme to rotate the trainees in related disciplines.

18.12. DISSERTATION / THESIS:

A model check list for evaluation of dissertation presentation and continuous evaluation of dissertation work by guide / co-guide is annexed at Schedule-V of these regulations. A model overall assessment sheet to be filled by all the trainees undergoing post-graduate course is annexed at Schedule-VI of these regulations.

18.13. MINIMUM REQUIRED QUOTA:

All the students of the specialty departments shall complete the minimum quota for the teaching and learning activities, as follows:—

1. Journal Clubs : 5 in a year
2. Seminars : 5 in a year
3. Clinical Case Presentations : 4 in a year
4. Lectures taken for undergraduates: 1 in a year
5. Scientific Paper/Poster Presentations In State/ National Level Conferences: 4 papers/posters during three years of training workshop period
6. Clinico Pathological Conferences : 2 presentations during three years of training period
7. Scientific Publications (optional) : one publication in any indexed scientific journal
8. Submission of Synopsis : one synopsis within six months from the date of commencement of the course
9. Submission of Dissertation months : one dissertation within six months before appearing for the university examination
10. Submission of Library Dissertation : one dissertation within eighteen months from the date of commencement of the course

18.14. CLINICAL QUOTA:

SKILLS:

QUOTA:

(Duration - first 6 Months of First Year MDS) (One on Each Exercise)

1. Carving of all deciduous teeth
2. Basic wire bending exercises
3. Fabrication of
 - a. Maxillary bite plate / Hawley's
 - b. Maxillary expansion screw appliance
 - c. Canine retractor appliance
 - d. All habit breaking appliances
 - i. Removable type
 - ii. Fixed type
 - iii. Partially fixed and removable

- e. Two Myofunctional appliance
 - f. Making of inclined plane appliance
 - g. Feeding appliances
4. Basic soldering exercise I - making of a lamppost of stainless steel wire pieces of different gauges soldered on either side of heavy gauge main post.
 5. Fabrication of space maintainers
 - a. Removable type-
 - i Unilateral Non - Functional space maintainer
 - ii Bilateral Non-Functional space maintainer
 - iii Unilateral functional space maintainer
 - iv Bilateral functional space maintainer
 - b. Space Regainers
 - i Hawley's appliances with Helical space regainer
 - ii Removable appliance with Slingshot space regainer
 - iii Removable appliance with Dumbell space regainer
 - c. Fixed Space maintainers
 - i. Band & long loop space maintainer
 - ii. Band & short loop space maintainer
 - iii. Mayne's space maintainer
 - iv. Transpalatal arch space maintainer
 - v. Nance Palatal holding arch
 - vi. Nance Palatal holding arch with canine stoppers
 - vii. Gerber space regatner
 - viii. Distal shoe appliance
 - a. Active space maintainers
 - b. For guiding the eruption of first permanent molar
 - c. Arch holding device
 - d. Functional space maintainer
 6. Basics for spot welding exercise
 7. Collection of extracted deciduous and permanent teeth
 - i. Sectioning of the teeth at various levels and planes
 - ii. Drawing of section and shapes of pulp
 - iii. Phantom Head Excersies : Performing ideal cavity preparation for various restorative materials for both Deciduous and permanent teeth
 - iv. Performing pulpotomy, root canal treatment and Apexification procedure
 - v. Tooth preparation and fabrication of various temporary and permanent restorations on fractured anterior teeth.
 - vi. Preparation of teeth for various types of crowns

- vii. Laminates/veneers
- viii. Bonding & banding exercise
- 5. Performing of behavioral rating and IQ tests for children.
- 6. Computation of: -
 - a. Caries index and performing various caries activity test.
 - b. Oral Hygiene Index
 - c. Periodontal Index
 - d. Fluorid Index
- 7. Surgical Exercises : a. Fabrication of splints b. Type of Wiring c. Suturing, various pvit system, prcing & perm. tuli
- 8.
 - a. Taking of periapical, occlusal, bitewing radiographs of children
 - b. Developing and processing of films, thus obtained
 - c. Tracing of soft tissue dental and skeletal landmarks as observed on Cephalometric radiographs and drawing of various planes and angles, further interpretation of Cephalometric radiographs is analysis.
 - d. Mixed dentition cast analysis
- 9. Library assignment
- 10. Synopsis

CLINICAL WORK REQUIREMENTS FROM 7 TO 36 MONTHS

The following is the minimum requirement to be completed before the candidate can be considered eligible to appear in the final M.D.S Examinations:

No	Clinical Work	Total	7 To 12 Months	13 To 24 Months	25 To 36 Months
1	Behavior Management of different age groups children with complete records.	17	2	10	5
2	Detailed Case evaluation with completetreatment planning and presentation of cases with chair side and discussion	17	2	10	5
3	Step-by-step chair side preventive dentistry scheduled for high risk children with gingival and periodontal diseases &Dental Caries	11	1	5	5
4	Practical application of Preventive dentistry concepts in a class of 35-50 children&Dental Health Education & Motivation.	7	1	4	2

5	Pediatric Operative Dentistry with application of recent concepts. a. Management of Dental Caries			10	10
	(11) Class II	50	30		
		100	40	50	10
	Other Restorations	100	20	50	30
	b. Management of traumatized anterior teeth		04	06	05
	c. Aesthetic Restorations	25	05	10	10
	d. Pediatric Endodontic Procedures				
	Deciduous teeth				
	Pulpotomy/Pulpectom	150	30	50	70
	Permanent Molars	20	3	7	10
Permanent Incisor	15	2	3	10	
A - xification 86A	20	02	08	10	
6	Stainless Steel Crowns	50	10	20	20
7	Other Crowns	05	01	02	02
8	Fixed : Space Maintainers Habit breakin: a .liances	30	08		10
	Removable : Space Maintainers Habit breaking appliances	20	05	07	08
	Functional Appliances	05	01	02	02
	Preventive measures applications 86 Pit & Fissure Sealants applications with complete follow-up and diet counseling.	20	08	08	04
	Special Assignments in School Dental Health Programmes	03	01	01	01
	1) School Dental Health Programmes 2)Camps etc.	02	01	01	MI=

1. Library usage
2. Laboratory usage
3. Continuing Dental Health Programme

(The figures given against S.No.4 to 12 are the minimum number of recommended procedures to be performed)

19. RECOMMENDED LIST OF TEXTBOOKS & JOURNALS:

TEXT BOOKS:

1. Children of Prenatal Substance Abuse Sparks, Shirely. N
2. Clinical Pedodontics; 4th Ed. Finn, Sidney.B
3. Dental Therapeutics, Ed.4 American Dental Association
4. Dentistry for the Child and Adolescent ; 5th Ed.Mcdonald, Ralph E
5. Dentistry for the Child and Adolescent; 7th Ed.Mcdonald, Ralph. E
6. Diseases Of Children In The Subtropics And Stanfield.P (Et Al)
7. Tropics
8. Essentials of Pedodontics Tilakraj. T.N
9. Fundamentals Of Pediatric Dentistry 3rd Ed Mathewson, Richard.J
10. Handbook of Infectious Diseases Friedman, Allan. D
11. Handbook of Pediatric Physicians Diagnosis Barness, Lewis. A
12. Manual Of Paediatric Dentistry; 4th Ed. Andlaw, R.J
13. Oral And Dental Trauma In Children And Roberts, Graham
14. Adolescents
15. Orthodontics And Paediatric Dentistry Millett, Declan
16. Orthodontics Pedodontics Oral Medicine Andravi Kumar. V
17. Radiology
18. Paediatric Cariology Hosey, Marie Therese
19. Paediatric Dentistry Damle, S G
20. Paediatric Dentistry; 2nd Ed. Welbury, R
21. Paediatric Operative Dentistry ; 3rd Ed. Kennedy, D B
22. Paediatrics David.T.J Ed
23. Paediatric Dentistry : Principles And Practice Muthu M S
24. Pediatric Dentistry Damle

RECOMMENDED JOURNALS:

S. NO.	JOURNAL TITLE	PUBLISHER	NATIONAL/ INTERNATIONAL
1	INTERNATIONAL JOURNAL OF PEDIATRIC DENTISTRY.	WILLEY BLACKWELL	INTERNATIONAL
2	JOURNAL OF CLINICAL PEDIATRIC DENTISTRY	JOCPD	INTERNATIONAL
3	INTERNATIONAL JOURNAL OF CLINICAL PEDIATRIC DENTISTRY	JAYPEE	INTERNATIONAL
4	JOURNAL OF DENTISTRY FOR CHILDREN.	AMERICAN ACADEMY OF PEDIATRIC DENTISTRY	INTERNATIONAL
5	JOURNAL OF INDIAN SOCIETY OF PEDODONTICS & PREVENTIVE DENTISTRY (JISPPD)	INDIAN SOCIETY OF PEDODONTICS AND PREVENTIVE DENTISTRY	NATIONAL
6	PEDIATRIC DENTISTRY	AMERICAN ACADEMY OF PEDIATRIC DENTISTRY	INTERNATIONAL

**20. CHECKLISTS
CHECKLISTS AND LOGBOOKS**

**CHECKLIST-1
MODEL CHECK LIST FOR EVALUATION OF JOURNAL REVIEW
PRESENTATIONS.**

Name of the Trainee:

Date:

Name of the Faculty / Observer:

Sl. No	Items for observation during presentation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1.	Article chosen was					
2.	Extent of understanding of scope & objectives of the paper by the candidate					
3.	Whether cross-references have been consulted					
4.	Whether other relevant publications consulted					
5.	Ability to respond to questions on the paper/ subject					
6.	Audio - Visual aids used					
7.	Ability to discuss the paper					
8.	Clarity of presentation					
9.	Any other observation					
	Total Score					

CHECKLIST-2
MODEL CHECK LIST FOR EVALUATION OF SEMINAR PRESENTATIONS.

Name of the Trainee:

Date:

Name of the Faculty / Observer:

Sl No.	Items for observation during presentation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1	Whether other relevant publications consulted					
2	Whether cross - references have been consulted					
3	Completeness of Preparation					
4	Clarity of Presentation					
5	Understanding of subject					
6	Ability to answer the questions					
7	Time scheduling					
8	Appropriate use of Audio -Visual aids					
9	Overall performance					
10	Any other observation					
Total score						

CHECKLIST-3
MODEL CHECK LIST FOR EVALUATION OF CLINICAL WORK IN OPD

Name of the Trainee:

Date:

Name of the Unit Head:

Sl. No.	Items for observation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1.	Regularity of attendance					
2.	Punctuality					
3.	Interaction with colleagues and supportive staff					
4.	Maintenance of case records					
5.	Presentation of cases					
6.	Investigations work - up					
7.	Chair - side manners					
8.	Rapport with patients					
9.	Overall quality of clinical work					
	Total score					

Please use a separate sheet for each faculty member

CHECKLIST - 4
EVALUATION FORM FOR CLINICAL CASE PRESENTATION

Name of the Trainee:

Date:

Name of the faculty / Observer:

Sl. No	Items for observation during presentation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1.	Completeness of history					
2.	Whether all relevant points elicited					
3.	Clarity of presentation					
4.	Logical order					
5.	Mentioned all positive and negative					
6.	Accuracy of general physical examination					
7.	Investigations required Complete list					
8.	Relevant order Intepretation of Investigations					
	Ability to discuss differential diagnosis.					
9.	Ability to discuss diagnosis.					
10.	Others					
	Grand Total					

Please use a separate sheet for each faculty member

CHECKLIST-5
MODEL CHECK LIST FOR EVALUATION OF TEACHING SKILL

Name of the Trainee:

Date:

Name of the faculty Observer:

Sl. No.		Strong Point	Weak Point
1.	Communication of the purpose of the talk		
2.	Evokes audience interest in the subject		
3.	The introduction		
4.	The sequence of ideas		
5.	The use of practical examples and / or illustrations		
6.	Speaking style (enjoyable, monotonous, etc. Specify)		
7.	Attempts audience participation		
8.	Summary of the main points at the end		
9.	Ask questions		
10.	Answer questions asked by the audience		
11.	Rapport of speaker with his audience		
12.	Effectiveness of the talk		
13.	Uses AV aids appropriately		

Please use a separate sheet for each faculty member

CHECKLIST-6
MODEL CHECKLIST FOR DISSERTATION PRESENTATION

Name of the Trainee:

Date:

Name of the faculty / Observer:

Sl. No.	Prints to be considered	Poor	Below	Average	Good	Very
1.	Interest show in selecting topic					
2.	Appropriate review					
3.	Discussion with guide and other faculty					
4.	Quality of protocol					
5.	Preparation of Proforma					
	Total Score					

CHECKLIST-7
CONTINUOUS EVALUATION OF DISSERTATION WORK BY
GUIDE/CO-GUIDE

Name of the Trainee:

Date

Name of the Faculty/Observer:

Sl. No.	Items for observation during presentation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1.	Periodic consultation with guide / co- guide					
2.	Regular collection of case material					
3.	Depth of Analysis / Discussion					
4.	Department presentation of findings					
5.	Quality of final output					
6.	Others					
	Total score					

CHECKLIST - 8
OVERALL ASSESSMENT SHEET

Name of the College: _____

Date: _____

Check List No	PARTICULARS	A	B	C	D	E	F	G	H	I
1.	Journal Review Presentation									
2.	Seminars									
3.	Clinical work in wards									
4-	Clinical presentation									
5.	Teaching skill practice									
6.										
TOTAL										

Signature of HOD

Signature of Dean

The above overall assessment sheet used along with the logbook should form the basis for certifying satisfactory completion of course of study, in addition to the attendance requirement.

Key:

Mean score: Is the sum of all the scores of checklists 1 to 7 **A**,

B,.....: Name of trainees

**LOG BOOK- TABLE 1
ACADEMIC ACTIVITIES ATTENDED**

Name :
Admission Year :
College :

Date	Type of activity - Specify Seminar, Journal club, Presentation, UG teaching	Particulars

**LOG BOOK - TABLE 2
ACADEMIC PRESENTATIONS MADE BY THE TRAINEE**

Name :
Admission Year :
College :

Date	Topic	Type of activity - Specify Seminar, Journal club, Presentation, UG teaching

LOG BOOK - TABLE 3
DIAGNOSTIC AND OPERATIVE PROCEDURES PERFORMED

Name :
 Admission Year :
 College :

Date	Name	OP No.	Procedure	Category O, A, PA, PI

Key:

- O** - **WASHED UP AND OBSERVED - INITIAL 6 MONTHS OF ADMISSION**
- A** - **ASSISTED A MORE SENIOR SURGEON -1 YEAR MDS**
- PA** - **PERFORMED PROCEDURE UNDER THE DIRECT SUPERVISION OF A SENIOR SURGEON - II YEAR MDS**
- PI** - **PERFORMED INDEPENDENTLY - III YEAR MDS**