



YENEPOYA

(DEEMED TO BE UNIVERSITY)

Recognized under Sec 3(A) of the UGC Act 1956

Accredited by NAAC with 'A' Grade

YENEPOYA (DEEMED TO BE UNIVERSITY)

Deralakatte, Mangaluru -575018

REGULATIONS AND CURRICULUM GOVERNING

POSTGRADUATE PROGRAM (MDS) IN

ORAL MEDICINE AND RADIOLOGY

(REVISED CURRICULUM – AMENDED UP TO 2018)

ATTESTED

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NOTIFICATION – 07/33-ACM/2018 Dtd. 19.11.2018

Sub: Incorporation of new course content/amendment to the syllabus/teaching & evaluation methodology in Dental PG curriculum

Ref: Resolution of the Academic Council at its 33rd meeting held on 26.10.2018, vide Agenda – 18

The Academic Council at its 33rd meeting held on 26.10.2018 and subsequently the 44th Board of Management have approved the recommendation of the Faculty of Dentistry for incorporating new course content/amendment to the syllabus/teaching & evaluation methodology to the P.G. curriculum of Oral Medicine & Radiology, Conservative Dentistry and Oral & Maxillofacial Surgery as follows to be implemented for the admission batch 2018-19 onwards:-

Oral Medicine & Radiology

Existing	Now Amended
Syllabus-Research Methodology and Biostatistics.	<ul style="list-style-type: none"> ➤ RESEARCH METHODOLOGY –Definition, types of research, designing written protocol for research, objectivity in methodology, quantification, records and analysis. ➤ Biostatistics-Introduction, applications, uses and limitations of bio-statistics in dentistry, collection of data, presentation of data, measures of central tendency, measures of dispersion, methods of summarizing, parametric and non parametric tests of significance, correlation and regression multivariate analysis, sampling and sampling techniques-types, errors, bias, trial and calibration.
Patterns and distribution of questions on various subjects -Not mentioned.	<p>I MDS Basic science exam the question paper format with equal distribution of weight age to all subjects. The pattern of distribution of questions will be as follows:-</p> <p>Distribution of question</p> <ul style="list-style-type: none"> • Two questions from anatomy & Embryology • Two questions from physiology • Two questions from pathology • One question from bio-chemistry • One question from Microbiology • One question from Pharmacology • One question from Research methodology and bio-statistics.

Dept. of Conservative Dentistry:

Existing	Proposed Amendment
<p>Existing pattern of University Examination: Post/Core Case Presentation, Tooth Preparation for Post / Core, Fabrication of the Wax Pattern, Casting of the wax Pattern, Cementation of the Casting, Gingival Tissue Retraction, Rubber Base Impression for the Jacket Crown AND Post/Core case presentation and Approval. Selection of fiber Post, Cementation, Composite core build up for PFM crown, gingival retraction, Rubber base impression, Die preparation, wax pattern for the coping on the die, casting of the coping for PFM and try-in on the patient and temporary crown cementation.</p>	<p>Post/Core Case Presentation, Tooth Preparation for Post / Core, Fabrication of the Wax Pattern, Casting of the wax Pattern, Cementation of the Casting, Gingival Tissue Retraction, Rubber Base Impression for the Jacket Crown.</p> <p style="text-align: center;">OR</p> <p>Post/Core case presentation and Approval. Selection of fiber Post, Cementation, Composite core build up for PFM crown, gingival retraction, Rubber base impression, Die preparation, wax pattern for the coping on the die, casting of the coping for PFM and try-in on the patient and temporary crown cementation.</p>

Dept. of Oral Surgery & Maxillofacial Surgery:

Teaching and learning methods

Existing	Proposed Amendment
Inter-college PG interactive programmes are not being conducted	to organize among local college PG interactive programmes / workshops once in 3 months
i)At present there is no TMJ clinic in the dental college	TMJ clinic comprising of specialist from the Departments of Oral Medicine & Radiology, Oral & Maxillofacial Surgery, Orthodontics and Prosthodontics. This clinic is proposed to be located in the Dept. of Oral Medicine & Radiology.
ii)There is no TMJ Arthroscopy in the Dept. of Oral & Maxillofacial Surgery	Recommended to have TMJ Arthroscopy in the Dept. of Oral & Maxillofacial Surgery

The approved amendments may be incorporated in the respective PG curriculum and the amended copy may be provided to this office for filing.


REGISTRAR
 mj 6/12

To:

The Principal - YDC

Copy to:

1. Controller of Examinations
2. Professor & HoD, Oral & Maxillofacial Surgery
3. Professor & HoD, Conservative Dentistry
4. Professor & HoD, Oral Medicine & Radiology
5. File copy



Ref. No.YU/REG/ACA/ACM-30/2017

Date: 04.11.2017

NOTIFICATION

Sub: Implementation of DCI Regulations 2017 – MDS reg.:-

Ref: (i) Proceedings of the 30th Academic Council meeting held on 20.10.2017
(ii) Gazette Notification Govt. of India dated 5th September 2017 on DCI Regulations 2017

With reference and Subject cited above, Yenepoya University based on the Academic Council proceedings is pleased to implement the DCI regulation 2017 for all the 9 MDS Programs offered with effect from 2018-19 academic year onwards.

B.T. N. [Signature]
REGISTRAR
Registrar
Yenepoya University

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GOALS

The department of oral medicine and Radiology in Yenepoya Dental College has adopted a mission and vision statement to achieve excellence in this subject of dentistry through patient treatment, teaching and research.

VISION

We visualize our self to be a nationally / internationally recognized Oral Medicine and Radiology Department known

- For our advanced diagnostic skills through knowledge and equipment
- For our innovative educational program
- For our ability to acquire and spread scientific knowledge.

MISSION

- To develop Professionals who can provide excellent patient care through practice and through community service.
- To develop outstanding clinical research and teaching professionals committed to lifelong learning.
- To develop the professional in the subject who understands the disease distribution pattern, socioeconomic environment in the given area and render appropriate patient care.
- To understand the current developments in the subject and disseminate the knowledge through appropriate available channels.
- To become one of the premier department in the field of oral medicine & radiology national and international level.

OBJECTIVES

At the end of 3 years of training the candidate should be able to acquire adequate knowledge of the discipline.

KNOWLEDGE

Theoretical, Clinical and practical knowledge of all mucosal lesions, diagnostic procedures pertaining to them and latest information of imaging modules.

SKILLS

Three important skills need to be imparted

1. Diagnostic skill in recognition of oral lesions and their management
2. Research skills in handling scientific problems pertaining to oral treatment
3. Clinical and Didactic skills in encouraging younger doctors to attain learning objectives

ATTITUDES

The positive mental attitude and the persistence of continued learning need to be inculcated

COURSE CONTENTS

Part I-APPLIED BASIC SCIENCES

Applied Anatomy

1. Gross anatomy of the face:
 - a. Muscles of Facial Expression And Muscles Of Mastication
 - b. Facial nerve
 - c. Facial artery
 - d. Facial vein
 - e. Parotid gland and its relations
2. Neck region:
 - a. Triangles of the neck with special reference to Carotid, Digastric triangles and midline structures
 - b. Facial spaces
 - c. Carotid system of arteries, Vertebral Artery, and Subclavian arteries
 - d. Jugular system
 - Internal jugular
 - External jugular
 - e. Lymphatic drainage
 - f. Cervical plane
 - g. Muscles derived from Pharyngeal arches
 - h. Infratemporal fossa in detail and temporomandibular joint
 - i. Endocrine glands
 - Pituitary
 - j. Sympathetic chain
 - k. Cranial nerves- V, VII, IX, XI, & XII
 - Thyroid
 - Parathyroid
 - l. Exocrine glands
 - Parotid
 - Thyroid
 - Parathyroid
3. Oral Cavity:
 - a. Vestibule and oral cavity proper
 - b. Tongue and teeth

- c. Palate – soft and hard
- 4. Nasal Cavity
 - a. Nasal septum
 - b. Lateral wall of nasal cavity
 - c. Para nasal air sinuses

5. Pharynx:

Gross salient features of brain and spinal cord with references to attachment of cranial nerves to the brainstem

Detailed study of the cranial nerve nuclei of V, VII, IX, X, XI, XII

Osteology: Comparative study of fetal and adult skull

Mandible:

Development, ossification, age changes and evaluation of mandible in detail

EMBRYOLOGY:

1. Development of face, palate, nasal septum and nasal cavity, paranasal air sinuses
2. Pharyngeal apparatus in detail including the floor of the primitive pharynx
3. Development of tooth in detail and the age changes
4. Development of salivary glands
5. Congenital anomalies of face must be dealt in detail.

HISTOLOGY:

1. Study of epithelium of oral cavity and the respiratory tract
2. Connective tissue
3. Muscular tissue
4. Nervous tissue
5. Blood vessels
6. Cartilage
7. Bone and tooth
8. Tongue
9. Salivary glands
10. Tonsil, thymus, lymph nodes

PHYSIOLOGY:

1. General Physiology:
 - Cell
 - Body Fluid Compartments
 - Classification

- Composition

- Cellular transport
- RMP and action potential

MUSCLE NERVE PHYSIOLOGY:

1. Structure of a neuron and properties of nerve fibers
2. Structure of muscle fibers and properties of muscle fibers
3. Neuromuscular transmission
4. Mechanism of muscle contraction

BLOOD:

1. RBC and Hb
2. WBC – Structure and functions
3. Platelets – functions and applied aspects
4. Plasma proteins
5. Blood Coagulation with applied aspects
6. Blood groups
7. Lymph and applied aspects

RESPIRATORY SYSTEM:

- Air passages, composition of air, dead space, mechanics of respiration with pressure and volume changes
- Lung volumes and capacities and applied aspects
- Oxygen and carbon dioxide transport
- Neural regulation of respiration
- Chemical regulation of respiration
- Hypoxia, effects of increased barometric pressure and decreased barometric pressure

CARDIO-VASCULAR SYSTEM:

- Cardiac Cycle
- Regulation of heart rate/ Stroke volume / cardiac output / blood flow
- Regulation of blood pressure
- Shock, hypertension, cardiac failure

EXCRETORY SYSTEM:

- Renal function tests

GASTRO – INTESTINAL TRACT:

- Composition, functions and regulation of:
- Saliva
- Gastric juice
- Pancreatic juice
- Bile and intestinal juice
- Mastication and deglutition

ENDOCRINE SYSTEM:

- Hormones – classification and mechanism of action
- Hypothalamic and pituitary hormones
- Thyroid hormones
- Parathyroid hormones and calcium homeostasis
- Pancreatic hormones
- Adrenal hormones

CENTRAL NERVOUS SYSTEM:

- Ascending tract with special references to pain pathway

SPECIAL SENSES:

- Gustation and Olfaction

BIOCHEMISTRY:

1. Carbohydrates – Disaccharides specifically maltose, lactose, sucrose

- Digestion of starch/absorption of glucose
- Metabolism of glucose, specifically glycolysis, TCA cycle, gluconeogenesis
- Blood sugar regulation
- Glycogen storage regulation
- Glycogen storage diseases
- Galactosemia and fructosemia

2. Lipids

- Fatty acids- Essential/non essential
- Metabolism of fatty acids- oxidation, ketone body formation, utilization ketosis
- Outline of cholesterol metabolism- synthesis and products formed from cholesterol

3. Protein

- Amino acids- essential/non essential, complete/ incomplete proteins
- Transamination/ Deamination (Definition with examples)
- Urea cycle
- Tyrosine- Hormones synthesized from tyrosine
- In born errors of amino acid metabolism
- Methionine and transmethylation

4. Nucleic Acids

- Purines/Pyrimidines
- Purine analogs in medicine
- DNA/RNA – Outline of structure
- Transcription/translation
- Steps of protein synthesis
- Inhibitors of protein synthesis
- Regulation of gene function

5. Minerals

- Calcium/Phosphorus metabolism specifically regulation of serum calcium levels
- Iron metabolism
- Iodine metabolism
- Trace elements in nutrition

6. Energy Metabolism

- Basal metabolic rate
- Specific dynamic action (SDA) of foods

7. Vitamins

- Mainly these vitamins and their metabolic role- specifically vitamin A, Vitamin C, Vitamin D, Thiamin, Riboflavin, Niacin, Pyridoxine

PATHOLOGY:

1. Inflammation:

- Repair and regeneration, necrosis and gangrene
- Role of complement system in acute inflammation
- Role of arachidonic acid and its metabolites in acute inflammation
- Growth factors in acute inflammation

- Role of molecular events in cell growth and intercellular signaling cell surface receptors
- Role of NSAIDS in inflammation
- Cellular changes in radiation injury and its manifestations

Homeostasis:

- Role of Endothelium in thrombo – genesis
- Arterial and venous thrombi
- Disseminated Intravascular Coagulation

Shock:

- Pathogenesis of hemorrhagic, neurogenic, septic, cardiogenic shock, circulatory disturbances, ischemic hyperemia, venous congestion, edema, infarction

Chromosomal Abnormalities:

- Mar fan's syndrome
- Ehler's Danlos Syndrome
- Fragile X Syndrome

Hypersensitivity:

- Anaphylaxis
- Type II Hypersensitivity
- Type III Hypersensitivity
- Cell mediated Reaction and its clinical importance
- Systemic Lupus Erythmatosus
- Infection and infective granulomas

Neoplasia:

- Classification of Tumors
- Carcinogenesis & Carcinogens – Chemical, Viral and Microbial
- Grading and Staging pf Cancer, tumor Angiogenesis, Paraneoplastic Syndrome
- Spread of tumors
- Characteristics of benign and malignant tumors

Others:

- Sex linked agamaglobulinemia
- AIDS
- Management of Immune deficiency patients requiring surgical procedures
- De George's Syndrome
- Ghons complex, post primary pulmonary tuberculosis – pathology and pathogenesis.

MICROBIOLOGY:

- General bacteriology with special emphasis on oral Microbiology.
- Culture media and methods
- Sterilization and Disinfection.
- Immunology

VIROLOGY - general properties of Viruses

- Herpes, Hepatitis, HIV and EB

MYCOLOGY- Candidiasis

- Other fungal infection
- Culture media and methods

Hospital acquired infection and its management

Applied Microbiology.

PHARMACOLOGY:

1. Definition of terminologies used
2. Dosage and mode of administration of drugs
3. Action and fate of drugs in the body
4. Drugs acting on the CNS
5. Drug addiction, tolerance and hypersensitive reactions
6. General and local anesthetics, hypnotics, analeptics, and & tranquilizers
7. Chemotherapeutics and antibiotics
8. Analgesics and anti – pyretics
9. Anti – tubercular and anti – syphilitic drugs
10. Antiseptics, sialogogues, and anti – sialogogues
11. Haematinics
12. Anti – diabetics
13. Vitamins – A B Complex, C, D, E, K
14. Steroids

RESEARCH METHODOLOGY –

1. Definition,
2. Types of research,
3. Designing written protocol for research,
4. Objectivity in methodology,
5. Quantification,
6. Records and analysis.

Biostatistics-

1. Introduction,
2. applications,
3. uses and limitations of bio-statistics in dentistry,
4. collection of data,
5. Presentation of data,
6. measures of central tendency,
7. measures of dispersion,
8. methods of summarizing,
9. Parametric and non parametric tests of significance,
10. Correlation and regression multivariate analysis,
11. sampling and sampling techniques-types,
12. errors, bias, trial and calibration

PART-II-ORAL AND MAXILLOFACIAL RADIOLOGY

Study includes Seminars / lectures / Demonstrations

1. History of radiology, structure of x – ray tube, production of x – ray, property of x – rays
2. Biological effects of radiation
3. Filtration of collimation, grids and units of radiation
4. Films and recording media
5. Processing of image in radiology
6. Design of x –ray department, dark room and use of automatic processing units
7. Localization by radiographic techniques
8. Faults of dental radiographs and concept of ideal radiograph
9. Quality assurance and audit in dental radiology
10. Extra – oral-imaging techniques
11. Panoramic and other radiologic techniques
12. Advanced imaging technique like CBCT, CT Scan, MRI, Ultra Sound & thermo graphic
13. Radio nucleotide techniques and imaging
14. Contrast radiography in salivary gland, TMJ etc
15. Radiation protection and ICRP guidelines
16. Art of radiographic report, writing and descriptors preferred in reports
17. Radiograph differential diagnosis of radiolucent, radio opaque and mixed lesions
18. Digital radiology and its various types of advantages

PART-III: ORAL MEDICINE, THERAPEUTICS AND LABORATORY
INVESTIGATIONS

Study includes seminars / lectures / discussion

1. Methods of clinical diagnosis of oral and systemic diseases as applicable to oral tissue including modern diagnostic techniques
2. Laboratory investigations including special investigations of oral and oro – facial diseases
3. Teeth in local and systemic diseases, congenital, and hereditary disorders
4. Oral manifestations of systemic diseases
5. Oro – facial pain
6. Psychosomatic aspects of oral diseases
7. Management of medically compromised patients including medical emergencies in the dental chair
8. Congenital and Hereditary disorders involving tissues of oro facial region
9. Systemic diseases due to oral foci of infection
10. Hematological, Dermatological, Metabolic, Nutritional, & Endocrinal conditions with oral manifestations
11. Neuromuscular diseases affecting oro –facial region
12. Salivary gland disorders
13. Tongue in oral and systemic diseases
14. TMJ dysfunction and diseases
15. Concept of immunity as related to oro – facial lesions, including AIDS
16. Cysts, Neoplasms, Odontomes, and fibro – osseous lesions
17. Oral changes in Osteo – dystrophies and chondro – dystrophies
18. Pre malignant and malignant lesions of oro facial region
19. Allergy and other miscellaneous conditions
20. Therapeutics in oral medicine –clinical pharmacology
21. Forensic dentology
22. Computers in oral diagnosis and imaging
23. Evidence based oral care in treatment planning
24. Molecular Biology

**TEACHING /LEARNING ACTIVITIES &
MONITORING LEARNING PROGRESS**

POST GRADUATE TRAINING

- Every postgraduate student will be posted in Outpatient, intra oral Radiology section, extra oral and CBCT section periodically.
- The post graduate shall maintain a clinical case history record book, in the form of both manual and digital format. Minimum of 15 long special cases and 15 short special cases needs to be recorded and endorsed by the staff.
- The post graduate has to maintain a radiology record book in which all the preclinical exercise shall be recorded and completed in first six months of the course.
- The postgraduate shall maintain a log book to record interpretation of IOPA, OPG, Extra oral and CBCT images.
- Every postgraduate shall perform minimum of 25 biopsy of Oro-mucosal lesions per year.
- The Academic record in the prescribed format has to be submitted before appearing for university exams.
- The completion of all the clinical work and pass performance in all the exams conducted by the department is mandatory for appearing to final University examinations with required clinical attendance as per the university guidelines.
- All the postgraduates shall take prior permission from the HOD and the principal for availing any leave.

POSTGRADUATE EVALUATION

- BDS exit level bridge course theory examination (for fresh batch)-second week of August, consists of four papers of 70 marks each with three hours duration.
- Examination at the every academic term end as annual evaluation exam- Four papers of three hours duration with 70 marks each.
- In the final year there will be three mock exams in university pattern both theory and clinical
- Preparatory theory and clinical examination will be conducted by the dental college/department one month prior to university examination is mandatory and pre-requisite to appear/eligible for university examination.
- Periodic assignments, discussions will be held by means of Google classroom applications which are mandatory for the postgraduate to attend.

Guideline for trainers:

- The Log Book is a day to day record of the Clinical, Radiological and the Academic work done by the trainee. (Maintained in E-Portfolio software).
- Its purpose is to follow the progress of the candidate, assess the achievement and the deficiencies so that they can be redressed.
- The trainer should ascertain that the entries in the logbook are made immediately after the activities and they are authenticated by signature of the trainer himself

MONITORING LEARNING PROGRESS

It is essential to monitor the learning progress to each candidate through continuous appraisal and regular assessment. It not only helps teachers to evaluate students, but also students to evaluate themselves. The monitoring to be done by the staff of the department based on participation of students in various teaching / learning activities. It may be structured and time bound with minimal requirements. **Inter disciplinary seminars:** Each post graduate shall present at least 1 seminar during the interdisciplinary activity of the institute.

SCHEME OF EXAMINATION:

A. 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 Paper (Part-I) of three hours duration and should be conducted at the end of First year of MDS course. Part-II Examination will be conducted at the end of Third year of MDS course. Part-II Examination will consist of Paper-I, Paper-II & 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. Distribution of topics for each paper will be as follows:

PART-I

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

Distribution of Questions

- Two questions from anatomy & Embryology
- Two questions from physiology
- Two questions from pathology
- One question from bio-chemistry
- One question from Microbiology
- One question from Pharmacology
- One question from Research methodology and bio-statistics

PART-II

Paper-I: Oral and Maxillofacial Radiology

Paper-II: Oral Medicine, therapeutics and laboratory investigations

Paper-III: Essays (descriptive and analyzing type questions)

* 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 topic.

B. PRACTICAL/ CLINICAL EXAMINATION;

1. 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. 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.

2. Viva-voce: All examiners will conduct viva-voce conjointly on candidate's comprehension, analytical approach and expression, interpretation of data and communication skills. It includes all components of course contents. It includes presentation and discussion on dissertation also. Viva voce examination aims at assessing the depth of knowledge, logical reasoning, confidence and communication skill of the students.

3. Pedagogy: A topic shall be given to each candidate in the beginning of clinical examination. He/she is asked to make a presentation on the topic for 8-10 minutes.

DISTRIBUTION OF MARKS:

Clinical Examination: 200 Marks

Viva-voce and Pedagogy: 100 Marks

A. Practical / Clinical Examination: 200 Marks

1) Clinical Case Presentation: 100 Marks

2 Spotters 2 x 10 = 20 Marks

2 Short Cases 2 x 15 = 30 Marks

1 Long Essay 1 x 50 = 50 Marks

2) Radiology Exercise: 100 Marks

One Intra Oral Radiograph: 10 Marks

One Occlusal Radiograph : 30 Marks

Two Extra Oral Radiograph: 2 x 30 = 60 Marks

(Including technique and interpretation)

B. Viva Voce and Pedagogy: 100 Marks

1) Viva-Voce examination: 80 marks

2) Pedagogy Exercise: 20 marks

TOTAL MARKS:

THEORY: Part I: 100 Marks

Part II: 300 Marks

CLINICAL: 300 Marks

Assessment Performa's and log books:

Evaluation of PG seminars

Topic:

Date

Candidate:

Evaluator:

Sl No	Observations	Poor 0	Average 1	Good 2	Very good 3
1	Completeness of preparation				
2	Clarity of presentation				
3	Consultation of cross references				
4	Understanding the subject				
5	Ability to answer the question				
6	Audiovisual aid utilization				
7	Time scheduling				
8	Overall performance				
9	Total score				
	Remarks				

Evaluation of PG Journal review

Topic:

Date:

Candidate:

Evaluator:

Sl No	Observations	Poor 0	Average 1	Good 2	Very good 3
1	Selection of article				
2	Scope and objectives of article				
3	Consultation of Cross references				
4	Ability to answer the question				
5	Ability to defend to article selection				
6	Audiovisual aid utilization				
7	Time scheduling				
8	Overall performance				
9	Total score				
	Remarks				

Evaluation of PG Clinical Case Presentation

Case:

Date:

Candidate:

Evaluator:

Sl No	Observations	Poor 0	Average 1	Good 2	Very good 3
1	Clarity of presentation				
2	Coverage of relevant points elicited In history taking				
3	Completeness of general examination				
4	Completeness of local examination				
5	Logical order				
6	Logical sequence of provisional diagnosis				
7	Logical sequence for differential diagnosis				
8	Relevant investigation				
9	Ability to answer logically				
10	Ability to defend the diagnosis				
11	Treatment of plan				
12	Special investigation/ references				
13	Total score				

REMARKS:

MODEL CHECK LIST FOR EVALUATION OF CLINICAL WORK IN OUTPATIENT

DEPARTMENT

(To be completed once a month by respective unit heads including posting in other department)

Name of the Trainee:

Date:

Name of the Unit Head:

Sl. No.	Items for observation during presentation	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						

MODEL CHECKLIST FOR EVALUATION OF TEACHING SKILL

Name of the Trainee:

Date:

Name of the Faculty/Observer:

SL.NO	ITEMS FOR OBSERVATION	POOR 0	BELOW AVERAGE 1	AVERAGE 2	GOOD 3	VERY GOOD 4
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.	Asks questions					
10.	Answer questions asked by the audience					
11.	Rapport of speaker with his audience					
12.	Effectiveness of the talk					
13.	Uses audio-visual aids appropriately.					

MODEL CHECKLIST FOR DISSERTATION WORK

Trainee Name : _____ Date: _____

Name of the Faculty : _____

Title : _____

S No	Items for observation during presentation	Poor 0	Below average 1	Average 2	Good 3	Very good 4
1	Interest shown in selecting topic					
2	Appropriate review.					
3	Discussion with guide and other faculty					
4	Quality of Protocol					
5	Preparation of Proforma					
Total score						

CONTINUOUS EVALUATION OF DISSERTATION WORK

BY GUIDE/CO-GUIDE

Trainee Name : _____ Date: _____

Name of the Faculty : _____

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	Quality of final output					
5	Others					
Total score						

Log Books

S NO	ACADEMIC ACTIVITIES
1	Basic science seminars
2	Subject seminars Presented. Attended
3	Journal discussion / club Presented. Attended
4	Case presentation Presented. Attended
5	Diagnostic procedure / biopsy Performed. Assisted
6	CBCT reporting
7	Panoramic radiograph reporting
8	Clinico-pathological meeting attended
9	Subject CDE attended
10	CDE attended other than specialty
11	Conference/workshop/National seminar attended
12	Undergraduate teaching
13	Regional cancer centre posting
14	Medical speciality posting
15	BLS training-Basic and advanced training
16	Miscellaneous/any other

The Log book is maintained online in **E-Portfolio** software from 2021.

Summary of Amendments

Scheme of examination before revision

Total theory Marks - 300

Total number of theory papers - 4

Maximum marks for each paper - 75

Revised Scheme of examination

Theory examinations shall be held in two parts.

Part 1 and Part 2

Part 1 Shall be on Basic Sciences (one theory paper) and will be held at the end of the 1st year of the program

Part 2 Shall be on the specialty concerned 3 papers.

Each paper shall have maximum of 100 marks.

Total Theory Marks - 400