

MASTER OF DENTAL SURGERY
MDS GUIDE BOOK
2022 - 2025



NH-47, Sankari Main Road, Ariyanoor, Salem - 636 308. Tamilnadu, India.
Phone : 0427-2477723 E-Mail : dean@vmsdc.edu.in



Personal Memoranda

Affix Photo



Name : _____

Registration Number : _____

Father/Mother's Name : _____

Address : _____

Email Id : _____

Mobile No. : _____

Date of Birth : _____

Blood Group : _____

Year of Admission : _____

Year of Study : _____

Student Academic Coordinator : Dr. Vanita D.Revankar

Mobile No : 7019595609

Mentor's Name : _____

Dept. Name & Room. No : _____

Phone No : _____

Other Details if any : _____

NH 47 Sankari Main Road, Ariyanoor, Salem - 636 308. Tamilnadu, India.

Phone : 0427-2477723

E Mail : dean@vmsdc.edu.in

College Website : www.vmsdcsalem.com

University Website : <https://vmrfd.edu.in>



ACADEMIC & ADMINISTRATIVE PROFILE

Nam e	Academic Profile	Mobile No.
Dr. J. Baby John	Professor & Dean	984275364 5
Dr.Reena Rachel John	Professor & Associate Dean (Research & Scientific) Oral & Maxillofacial Surgery	944311875 6
Dr.R.Saranyan	Professor & HOD Associate Dean (Academic Affairs) Periodontology	984274807 1

Dept No.	Nam e	Academic Profile	Mobile No.
1	Dr.P.T.Ravikumar	Professor & HOD Oral Medicine & Radiology	995237274 9
2	Dr.J.Arunkumar	Professor & HOD Oral & Maxillofacial Surgery	944327334 7
3	Dr.R.Saranyan	HOD & Associate Dean (Academic Affairs) Periodontology	984274807 1
4	Dr.Yadav Chakravarthy	Professor & HOD Conservative Dentistry & Endodontics	807240450 7
5	Dr.Prabhakar Krishnan	Professor & HOD Orthodontics & Dentofacial Orthopedics	984368827 1
6	Dr.D.Vinola	Professor & HOD Pediatric & Preventive Dentistry	994330033 3
7	Dr.R.Ramesh	Professor & HOD Prosthodontics and Crown & Bridge	944315521 1
8	Dr.N.Saravanan	Professor & HOD Public Health Dentistry	944226295 0
9	Dr.Maya Ramesh	Professor & HOD Oral & Maxillofacial Pathology and Oral Microbiology	960091880 4

Nam e	Administrative Profile	Mobile No.
Mr.R.Natrajan	Administrative Officer	984304414 0
Mr.I.Sapnath Panea Ray	Academic Officer	924547855 6
Mr.A.Syed Nizamuddin	Senior Accountant	882580599 7
Mrs.J.Sudhishna	Senior executive hospital admin	999461982 2



CONTENTS

I.	Personal Memoranda	
ii.	Academic & Administrative Profile	
1.	Hippocratic Oath	1
2.	Hippocratic Oath for Dentistry	2
3.	Vision & Mission	3
4.	VMSDC- Emblem	4
5.	Rules & Regulations	5
6.	Facilities	7
7.	Examination Scheme	8
8.	General Rules of Examination	9
9.	Method of Internal Assessment	10
10.	Anti-Ragging	11
11.	Anti-Ragging Committee & Squad	13
12.	Mobile Phones Banned	15
13.	List of Committees	16
14.	Tentative Academic Calendar	22
15.	MDS Curriculum	25
16.	List of instruments / Materials	52



HIPPOCRATIC OATH

I do solemnly vow, to that which I value and hold most dear:

That I will honor the Profession of Medicine, be just and generous to its members, and help sustain them in their service to humanity;

That just as I have learned from those who preceded me, so will I instruct those who follow me in the science and the art of medicine;

That I will recognize the limits of my knowledge and pursue lifelong learning to better care for the sick and to prevent illness;

That I will seek the counsel of others when they are more expert so as to fulfill my obligation to those who are entrusted to my care;

That I will not withdraw from my patients in their time of need;

That I will lead my life and practice my art with integrity and honor, using my power wisely;

That whatsoever I shall see or hear of the lives of my patients that is not fitting to be spoken, I will keep in confidence;

That into whatever house I shall enter, it shall be for the good of the sick;

That I will maintain this sacred trust, holding myself far aloof from wrong, from corrupting, from the tempting of others to vice;

That above all else I will serve the highest interests of my patients through the practice of my science and my art;

That I will be an advocate for patients in need and strive for justice in the care of the sick.

I now turn to my calling, promising to preserve its finest traditions, with reward of a long experience in the joy of healing.

I make this vow freely and upon my honor.



HIPPOCRATIC OATH FOR DENTISTRY

I swear to fulfill, to the best of my ability and judgment, this covenant:

- I will respect the hard-won scientific gains of those dental professionals in whose steps I walk, and gladly share such knowledge as is mine with those who are to follow.
- I will apply, for the benefit of the sick, all measures which are required, avoiding those twin traps of overtreatment and therapeutic nihilism.
- I will remember that there is art to dentistry as well as science, and that warmth, sympathy, and understanding may outweigh the surgeon's knife or the chemist's drug.
- I will not be ashamed to say "I know not"; nor will I fail to call in my colleagues when the skills of another are needed for a patient's well being.
- I will respect the privacy of my patients, for their problems are not disclosed to me that the world may know. Most especially must I tread with care in matters of life and death. If it is given me to save a life, all thanks. But it may also be within my power to take a life; this awesome responsibility must be faced with great humility and awareness of my own frailty. Above all, I must not play at God.
- I will remember that I do not treat a decayed tooth or a cancerous growth, but a sick human being, whose illness may affect the person's family and economic stability. My responsibility includes these related problems, if I am to care adequately for the sick.
- I will prevent disease whenever I can, for prevention is preferable to cure.
- I will remember that I remain a member of society, with special obligations to all my fellow human beings, those sound of mind and body as well as the infirm.
- If I do not violate this oath, may I enjoy life and art, respected while I live an re-membered with affection thereafter. May I always act so as to preserve the finest traditions of my calling and may I long experience the joy of healing those who seek my help.



VINAYAKA MISSION'S SANKARACHARIYAR DENTAL COLLEGE

VISION & MISSION

OUR MOTTO

Service to humanity is service to God.

VISION

To make dental education and dental health available to the poor and needy in the rural sector.

MISSION

To spread knowledge with recent advances and to promote research in the field of dentistry.

QUALITY POLICY

To prepare students to have in depth knowledge in both pre-clinical and clinical dentistry and update advances in diagnosis and therapeutics to meet the present dental disease pattern in the society.



VMSDC EMBLEM

THE LORD VINAYAKA

Vinayaka is in the centre of the emblem.

He is the God of Health, Wisdom, Education & Prosperity and God for Nirvigna in the various walks of human -life.

The tusks of the elephant are placed on either side of rod of Aesculapius. It represents the symbol of dentistry.

GOD OF MEDICINE

The God of Aesculapius is an ancient symbol associated with astrology, the Greek God Aesculapius and with healing.

It consists of a serpent entwined around a staff. The name of the symbol derives from its early and widespread association with Aesculapius, the son of Apollo, who was a practitioner of medicine in ancient Greek mythology.

GOD OF DENTISTRY

Our Emblem design uses at its centre a twin serpent entwined about an ancient Arabian cautery.

LEAVES

The leaves encircling Lord Vinayaka and God of Aesculapius represents human teeth.

The 20 leaves on the left side represent the deciduous dentition. The 32 leaves on the right side represent the permanent dentition.



RULES & REGULATIONS

1. Dress Code :

All students should wear ID cards issued by college as per the respective year of study. Students should not enter the LAB without Apron. Foot wear must be clean and well polished. Open toe shoes are not allowed. Clothing must be neat & wrinkle free. Jeans, T-Shirts, Leggings & Sleeveless tops are not allowed. Finger nails must be clean & short to allow proper grasp of instruments. Gold ornaments, Bracelets & rings are not allowed. Formal, Trousers and shoes should be worn by the boys. Hair should be trimmed properly and face should be clean shaved or facial hair should be trimmed properly. Girls hair to be pinned and braided properly. Students are strictly advised to adhere to the rules and regulations that will be monitored by the disciplinary committee and appropriate action will be taken for those who are not complying with the college regulations.

2. Safety Code :

Long hair must be tied and put back for safety measures. Wear face mask in clinical session as & when required. Always work with good ventilation. Do not keep inflammable materials (Spirit, monomer) near open flame. Students should take care of their own instruments and their costlier belongings. Borrowing instruments from others is not allowed. LPG tap should always be kept closed after working in the lab.

3. Cleanliness Code :

Lab must be kept clean. This includes working tables, model trimmers, polishing & furnishing areas. Dental plaster, waxes & other working wastes must be properly discarded in the separate dustbin. They should not be discarded in the sink (Waxes should not be discarded on the floor / Veranda). Before leaving the LAB make sure your working area is clean. Apron should be washed regularly & kept clean.

4. Cell Phones & Two Wheelers :

The use of cell phones is strictly forbidden during their learning hours in lectures, clinical posting and laboratories. In case of emergency, parents / guardians are requested to use college communications. Any student, not abiding by this protocol will face severe disciplinary action. Two wheelers are banned and college is not responsible for any eventuality.

5. Ragging (Banned) :

Any student found indulging in ragging or submitting to it, is strictly forbidden inside or outside the college campus. Ragging in any form is a punishable offence and shall warrant severe disciplinary action, by the concerned committee. Any incidence of ragging, should be immediately brought to notice of the Anti Ragging Committee.

6. Any Damage, Misuse of College Property Shall Warrant Disciplinary Action.

7. Leave application :

Students who wish to apply leave for medical reasons / special occasion should fill the leave application form (Hostel/ College separately) from the office and get it



approved by respective Head of the Departments and the Head of the Institution. Leave form photo copy to be submitted separately to individual department staff incharges at the time of entry to the respective theory / practical classes. In case of medical leave, copy of your medical report should be submitted & approved.

8. Attendance :

A minimum of 80% attendance in basic science subjects and 80% in practical/clinical in each year is mandatory for appearing in the university examinations. In 2nd year of curriculum, when there's no examination, the percentage of attendance should be not less than 80% for entering into Final MDS. The work quota of that year has to be completed before entering into the subsequent year. Candidates who are found to be irregular & held for any misconduct shall not be permitted to appear for university examinations.

9. Lost record books

In case of lost record books it has to be duly approved & attested by the concerned Head of the department and Head of the Institution for duplication of records.

10. Term Fees:

Students are strictly advised to pay their prescribed fee on the stipulated date without fail.

11. Grievances:

Any grievances can be brought to the notice of the Member Secretary of Students Grievance Redressal Committee. For further details of Grievance Redressal Committee see link:
<https://www.vinayakamission.com/Grievance-Redressal.php>

12. Confidential Suggestion Box :

The suggestions / complaints / feedback can be deposited in the form of a written letter / email addressed to the Principal. The suggestion box is placed in first floor near Principal's office. The box will only be accessed by the Principal.

Principal Mail ID : **dean@vmsdc.edu.in**

13.Social Media Policy:

The VMSDC Social Media policy applies to all employees and students of the college. Comments and posts damaging the welfare of the institution will be taken up seriously by the concerned authorities. Therefore avoid the misuse of social media and any issues can be discussed directly with the Head of the Institution or by using the suggestion box or online feedback, that is being practiced for the betterment for the institution.



FACILITIES

VMSDC has good infrastructure with a total of 9 specialities & comprehensive dental clinic fulfilling the basic requirements of the council. It also has a central research laboratory including immunohistochemistry, chrom cobalt lab, ceramic lab, hematology lab & histopathology lab. All of them are well equipped & have trained technicians. For students to get training before entering clinicals we have a separate pre-clinical prosthodontics & pre-clinical conservative lab where they can improve their hand skills before treating the patients.

The Nobel biocare implant programme, Clinical photographic workshop & Value added courses will be conducted.

For basic sciences subjects in Ist year, students have to attend theory classes (as per the time table provided) in Vinayaka Mission's Kirupanandavariyar Medical college & hospital.

College Timings: From 8.30 AM to 3.30 PM

LIBRARY :

The central library is spread over 9303sq.ft. The Libraries are well equipped with the latest books and journals. The library has 7960 books, 16 National & 8 International journals, 1589 E-Books & E-journals. Our institution has registered in National Digital Library.

The Library having Campus iLib software and there is Online Public Access Catalogue (OPAC). The digitalization of the library with bar coding system. Students/Staff should scan their ID card in the E-Gate register scanner while entering the library. Books will be issued only on production of Bar-coded ID card. Digital library section allowing students to use computers and internet facility.

The library is divided in different sections like Reference book section, Digital library with internet, journal and back volume section, separate reading section for U.G, P.G & staff.

Library Hours : 9.00 am to 6.00 pm

Sports & Cultural:

Our college is having an excellent indoor and outdoor sports facilities. A well qualified physical trainer is available full time to train the students in the evenings. We encourage our students to participate in the sports and cultural shows without affecting their academic activities.

Hostel:

A furnished and dedicated hostel separately for boys and girls is available for first year medical and dental students. Gym facility available in Girls hostel. A separate hostel is available for those students who wish to continue the hostel facility from their second year till internship. Details pertaining to hostel and associated facilities parents can approach the hostel warden.

Hostel Timing : Students should report back to Hostel before 8.00 pm

Students who wish to live in hostel under any circumstances for overnight stay should get prior permission from respective year academic coordinator & Principal and the permission letter to be submitted to the warden.



EXAMINATION SCHEME

The VMRF DU Examinations shall be held at the end of Ist Academic year in the month of November 2023 & for Final year qualification exam will be held on November 2025. Results can be viewed at: www.vinayakamissions.com.

Rules of examination:

Students are eligible to appear for university exams only if they have 80% in all basic science subjects during First academic year. Post graduates should have completed their preclinical / Clinical record work & Quota to be fulfilled for that year.

Students have to mandatorily appear for all Internal examinations. Internal examinations will be conducted in month of March & October. If the student is unable to write the examinations then the re-examinations shall be conducted based on the recommendations of HOD & HOI.

PASS CRITERIA:

For declaration of pass in Ist MDS candidate should secure 50% marks in the university examination. FOR 3RD MDS, candidate should secure 50% in aggregate in university Theory Examination.

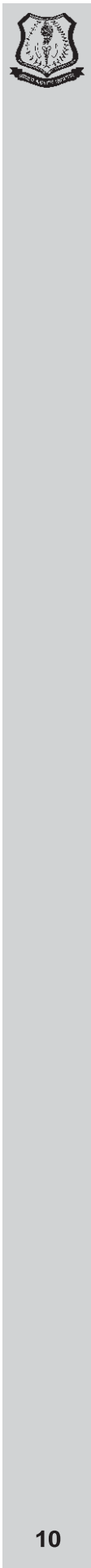
In the University Practical / Clinical examination, a candidate should secure 50% of University practical marks.

GENERAL RULES OF EXAMINATION

1. Hall tickets for exams will be issued only upon producing the No Objection Certificate [NOC] from both academic & administration section.
2. Candidates will be allowed inside the examination hall fifteen minutes before the commencement of examination only. No candidate will be allowed to enter the hall after ½ hour of commencement of the examination.
3. Candidates should bring the identification card and hall ticket during university examination.
4. Candidates are not allowed to leave the examination hall until 2.30 hrs has elapsed from the commencement of the examination. Thereafter, the candidate will only be permitted to leave after submission of answer booklet.
5. Candidates are not allowed to bring along book or other written or printed material or blank papers or information in any form into the examination hall.
6. Students should wear clothes with half sleeves as long sleeves are not permitted. Hair should be tied properly.
7. Electronic pens & watches are not allowed.
8. All bags and books must be kept in a quarantine area.
9. Mobile phones and electronic devices must be switched off and handed over to the invigilator at the beginning of the examination. If found with any device, action will be taken based on the guidelines of university.
10. Only blue/black ball point pen and graphite pencils are allowed.

11. No pencil pouches permitted into examination halls for theory.
12. No colouring or highlighting or using correction ink/ liquid paper in the answer scripts.
13. Histopathological/microscopic picture to be drawn using Hematoxylin & Eosin (H & E) pencils only.
14. No writing on the question paper.
15. Candidates found copying or communicating with one another will be handed over to the Chief Superintendant for further action to be taken.
16. Candidates are not allowed to continue writing or add anything to the answer booklet after the invigilator has announced the end of the examination.

VMSDC follows a strict student code of conduct for examination, any form of fraud/ copying/infringement of examination rules may lead to severe disciplinary action amounting to cancellation of the candidature in all subjects for university examination and/or disqualification from the degree program.



METHOD OF INTERNAL ASSESSMENT		
Exam	Details	Marks
Internal assessment	I MDS: Part I ,Paper I (Short notes :10 questions each carrying 10 marks)	100marks
	II MDS : Part II- Paper I (Essays: 2questions Short notes:5 questions)	100 marks
	25marks : Part II- Paper II (Essays: 2questions each carrying Short notes:5 questions each carrying 10 marks)	100 marks
	: Part II- Paper III (Essays:3 ,any 2 questions each carrying 50 marks)	100marks
	III MDS : Part II- Paper I (Essays: 2questions Short notes:5 questions)	100marks
	25marks : Part II- Paper II (Essays: 2questions each carrying Short notes:5 questions each carrying 10 marks)	100marks
	: Part II- Paper III (Essays:3 ,any 2 questions each carrying 50 marks)	100marks



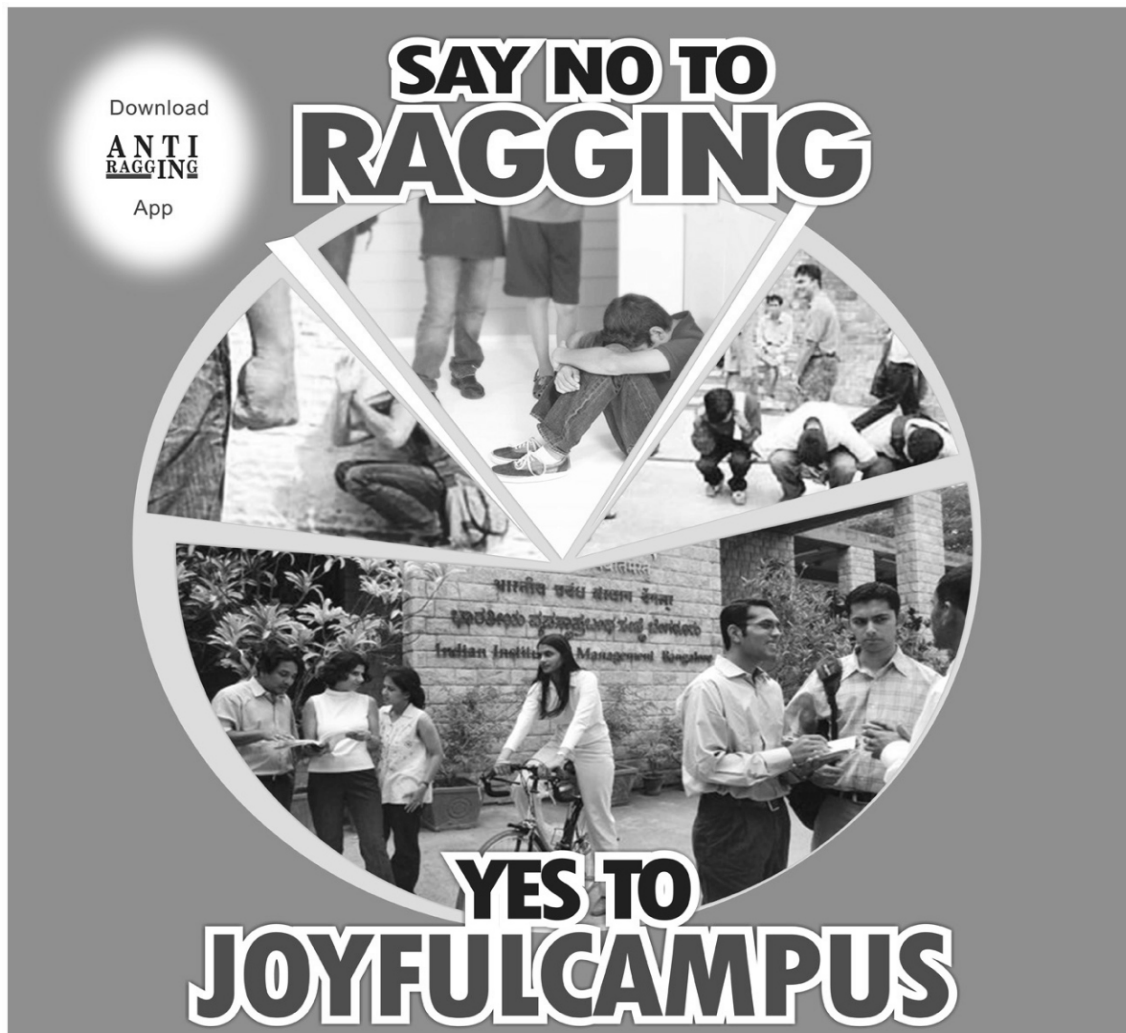
Ragging constitutes one or more of any of the following acts:

- a. any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student;
- b. indulging in rowdy or indisciplined activities by any student or students which causes or is likely to cause annoyance, hardship, physical or psychological harm or to raise fear or apprehension thereof in any fresher or any other student;
- c. asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student;
- d. any act by a senior student that prevents, disrupts or disturbs the regular academic activity of any other student or a fresher;
- e. exploiting the services of a fresher or any other student for completing the academic tasks assigned to an individual or a group of students.
- f. any act of financial extortion or forceful expenditure burden put on a fresher or any other student by students;
- g. any act of physical abuse including all variants of it: sexual abuse, homosexual assaults, stripping, forcing obscene and lewd acts, gestures, causing bodily harm or any other danger to health or person;
- h. any act or abuse by spoken words, emails, post, public insults which would also include deriving perverted pleasure, vicarious or sadistic thrill from actively or passively participating in the discomfiture to fresher or any other student ;
- i. any act that affects the mental health and self-confidence of a fresher or any other student with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student.
- j. Any act of physical or mental abuse (including bullying and exclusion) targeted at another student (fresher or otherwise) on the ground of colour, race, religion, caste, ethnicity, gender (including transgender), sexual orientation, appearance, nationality, regional origins, linguistic identity, place of birth, place of residence or economic background.



ANTI - RAGGING

Ragging in any form is banned inside and outside the college premises.



What is Ragging? Any Act Resulting in:

- Mental/physical/sexual Abuse
- Verbal Abuse
- Indecent Behaviour
- Criminal Intimidation/wrongful Restraint
- Undermining Human Dignity
- Financial Exploitation/extortion
- Use Of Force

A STUDENT INDULGING IN RAGGING CAN BE:

- Cancellation of admission.
- Suspension from attending classes.
- Withholding/withdrawing Scholarship/Fellowship and other benefits.
- Debarring from appearing in any test/ examination or other evaluation process.
- Withholding results.
- Debarring from representing the institution in any regional, national or international meet, tournament or youth festival etc.
- Collective punishment : when the persons committing or abetting the crime of ragging are not identified the institution shall resort to collective punishment as a deterrent to ensure community pressure on potential ragger.



Immediately call
UGC Anti-Ragging Helpline
1800-180-5522 (24X7 toll free)
or send an e-mail to helpline@antiragging.in



MHRD

DEPARTMENT OF HIGHER EDUCATION
MINISTRY OF HUMAN RESOURCE DEVELOPMENT
GOVERNMENT OF INDIA



ज्ञान-विज्ञान विमुक्तये

विश्वविद्यालय अनुदान आयोग
University Grants Commission
quality higher education for all

ANTI RAGGING COMMITTEE &

Name of the Member	Designation	Mobile No.
Member Secretary Dr. S. Sunantha	Associate Professor	9994066144
ANTI-RAGGING COMMITTEE		
Member Representative of Faculties Dr. N. Saravanan	Professor & HOD	9442262950
Dr. Saramma Mathew Fenn	Addl. Associate Professor	8754569193
Dr. C. Suresh	Assistant Professor	9487630871
Dr. L. Jawahar Raman	Assistant Professor	8608320665
Member Representative of Parents Mrs. S. Sheela Devi	Parent Member	9566706393
Mrs. C. Akilandeswari	Parent Member	9244822003
Member Representative of Students Mr. Nivas	Student Member	9698695546
Ms. Mayuri	Student Member	6374088708
Mr. N. Vijayasarithi	Student Member	8973689276
Ms. S. P. Kamali	Student Member	8072124825
Non Teaching Staff Mr. A. K. Varadarajan	Non –Teaching Staff Member	9787388309
Mr. I. Sapnath Panea Ray	Non –Teaching Staff Member	9245478556
Media Member Mr. Xavier	Media Member	9952430038

Mr. V. Ravindran	Member	949810094 6
Police Administration Mr. Selvaraj	Sub Inspector of Police	949810200 9
Legal Advisor Mr. T. Prem Amirtharaj	Legal Advisor	944328868 8
NGO Representative Prof. P. Selvam Professor, VMKVEC	NGO Representative	936284766 6



ANTI RAGGING SQUADS

Name of the Member	Designation	Mobile No.
Member Representatives of Faculties		
Dr. D. Vinola	Professor & HOD	994330033
Dr Sasikala	Associate Professor	3
Dr Prashant Majumdar	Assistant Professor	989481038
Dr Pavithran	Assistant Professor	843127050
Dr.Mohammed Adil	Assistant Professor	1
		866772080
		6
		701037405
		4
Dr. M. Assmee	Assistant Professor	978914607
		5
Dr. D. V. Bhuvanesh Kumar	Assistant Professor	994442229
		7
Dr. M. Subhashini	Assistant Professor	999439200
		6
Non Teaching Staff		
Mr. R. Natarajan	Administrative Officer	984304414
		0
Mr. E. Prabhu	Transport	967741041
		2
Mr. S. Rajendran	Physical Director	888307859
		5
Mr. R. Chandran	Electrician	936067646
		6
Mr. Ravi	Civil Supervisor	950059704
		6

- Students can contact any member of the squad in case of emergency.

Highly confidential :-The Complainant will be protected at any cost



KIND ATTENTION TO STUDENTS

BEWARE OF RAGGING

A Student indulging in Ragging can be **PUNISHED** by:

- CANCELLATION OF ADMISSION.
- Suspension from attending classes.
- Withholding / withdrawing Scholarship / Fellowship & other benefits.
- **DEBARRING** from appearing in any test / examination or other evaluation process.
- Withholding results.
- Debarring from representing the institution in any Regional, National or International meet, tournament or Youth festival etc.,
- **COLLECTIVE PUNISHMENT:** When the persons committing or abetting the crime of ragging are not identified the Institution shall resort to collective punishment as a deterrent to ensure community pressure on potential ragger.

MOBILE PHONES ARE BANNED DURING LEARNING HOURS.

IF FOUND USING -

- * Phone will be confiscated.
- * Student will be suspended.
- * Parents will be informed and will be called if necessary.
- * Fine amount levied by the Disciplinary Committee should be paid towards

" The Poor Patient Fund "



INTERNAL COMPLAINTS COMMITTEE MEMBERS

Nam e	Department	Mobile No.
Dr Vyapaka Pallavi	Presiding officer	9655465438
Dr Shantham	Member	9790228237
Dr Pavithran	Member	8667720806
Mrs. J.Sudhishna	Non Teaching staff member	9994619822
Ms. S.Suganya	Non Teaching staff member	7373876702
Mr. Prem Amirtharaj	External member	9443288688

STUDENTS GRIEVANCE REDRESSAL COMMITTEE

Nam e	Designatio n	Department	Mobile No.
Dr. Vinola.D Member Secretary	Professor & HOD	Pediatric & Preventive Dentistry	9943300333
Dr. R.Saranyan	Professor & HOD	Periodontics	9942093071
Dr. J. Arunkumar	Professor & HOD	Oral & Maxillofacial Surgery	9443273347
Dr. G.Sowndarya	Assistant Professor	Pediatric & Preventive Dentistry	9994506721
Miss.Madhurila	Student member		9361473112

MENTORS COMMITTEE

Nam e	Designatio n	Department	Mobile No.
Dr. J.Baby John Chair person	Professor & Dean		984275364 5
Dr. Vyapaka Pallavi Member Secretary	Professor	Conservative Dentistry & Endodontics	965546543 8
Dr. Vanitha D. Revankar.(PG)	Associate Professor	Conservative Dentistry & Endodontics	812209272 7

Dr. Sabitha Gokulraj (CRR)	Associate Professor	Oral Medicine & Radiology	9150299824
Dr. B.Manovijay (IV BDS)	Addl. Associate Professor	Periodontology	9952716937
Dr. K.Priya (III BDS)	Associate Professor	Periodontology	9994359290
Dr .S.Sunantha (II BDS)	Associate Professor	Prosthodontics & Crown & Bridge	9994066144
Dr.Diana Prem (I BDS)	Assistant Professor	Oral and Maxillofacial Pathology and Oral Microbiology	9443708899



LIBRARY ADVISORY COMMITTEE

Nam e	Designation	Department	Mobile No.
Dr. J.Baby John Chairperson & Convener	Professor & Dean		9842753645
Dr. M. Ambika Member Secretary	Assistant Professor	Oral and Maxillofacial Pathology and Oral Microbiology	9444365461
Dr Sucratha Susie John	Assistant Professor	OMFS Representative	7306781299
Dr A Kumar	Assistant Professor	OMDR Representative	9787144666
Dr Prashant Majumdar	Assistant Professor	PHD Representative	9843143697
Dr Mithunraja	Assistant Professor	Endodontics Representative	9942099519
Dr Pradeep Daniel	Assistant Professor	Pedodontics Representative	9952723311
Dr Md Adhil	Assistant Professor	Periodontics Representative	7010374054
Dr Kasarala Himaja	Assistant Professor	Prosthodontics Representative	9959031509
Dr A Udhayan	Assistant Professor	Orthodontics Representative	9865224533

INSTITUTIONAL RESEARCH COMMITTEE

Nam e	Designatio n	Department	Mobile No.
Dr. J.Baby John Chairman	Professor & Dean		9842753645
Dr. Reena Rachel John Member secretary	Professor & Associate Dean Research	Oral & maxillofacial surgery	9443118756
Dr. R.Saranyan	Professor & HOD, Associate Dean Academics	Periodontology	9942093071
Dr. Yadav	Professor &	Conservative dentistry & Endodontics	9488156929



Chakravarthy	HOD		
Dr. Prabhakar Krishnan	Professor & HOD	Orthodontics & Dentofacial Orthopedics	9843688271
Dr. R.Ramesh	Professor & HOD	Prosthodontics and crown & Bridge	9443155211
Dr. D.Vinola	Professor & HOD	Pediatric & Preventive Dentistry	9943300333
Dr. P.T.Ravi Kumar	Professor & HOD	Oral Medicine & Radiology	9952372749
Dr. J.Arun Kumar	Professor & HOD	Oral & maxillofacial surgery	9443273347
Dr. N. Saravanan	Professor & HOD	Public health dentistry	9442262950
Dr. Maya Ramesh	Professor & HOD	Oral and Maxillofacial Pathology and Oral Microbiology	9600918804

INSTITUTIONAL ETHICAL COMMITTEE

Name	Designation	Department	Mobile No.
Dr. Umadevi.M. Chairman	Professor	Oral Pathology	9841276660
Dr. J.Baby John Clinician	Professor & Dean		9842753645
Dr. Reena Rachel John Clinician	Professor & Associate Dean Research	Oral & maxillofacial surgery	9443118756
Dr. Deepthi Shastri Basic Medical scientist	Deputy Dean, VMKVMCH	Anatomy	9842724197
Dr. Sachu Philip Basic Medical scientist	Professor	Biochemistry	9443974214
Dr. R. Shankar Radhakrishnan Basic Medical scientist	Professor, VMKVMCH	Biostatistician	9655368498
Mr. T. Prem Amirtharaj. Legal expert	Advocate – private practice	Advocate	9443288688

Rev. Anessh Samuel John Theologian	Priest, Mar Thoma Syrian Church, Salem.	Priest,	9496331834
Mr.V.Soundarajan Lay person	Consultant (Private)	-----	9865588768

CULTURAL & SPORTS COMMITTEE

Nam e	Designatio n	Department	Mobile No.
Dr. J.Baby John	Professor & Dean		9842753645
Dr. D. Jayachandran	Addl. Professor	Periodontology	7708225522
Dr. P.T.RaviKumar	Professor & HOD	Oral Medicine & Radiology	9952372749
Dr. D.Vinola	Professor & HOD	Pediatric & Preventive Dentistry	9943300333
Dr. A.Narendran	Addl. Associate Professor	Oral & maxillofacial surgery	9940748600
Dr. Divya Krishnamoorthy	Assistant Professor	Prosthodontics and crown & Bridge	9840706553
Dr. V.Vignesh	Assistant Professor	Prosthodontics and crown & Bridge	9566632828
Dr. M.Subhashini	Assistant Professor	Conservative dentistry & Endodontics	9994392006
Mr. S.Rajendran	Physical director		8883078595

POST GRADUATE WORK SCHEDULE

FIRST ACADEMIC YEAR NOVEMBER 2022 TO NOVEMBER 2023

DATE	WORK SCHEDULE
Tentatively From November 2022 to January 2023 (3 Months)	<input type="checkbox"/> Selection of dissertation and library dissertation topics. Department review and approval by HOD <input type="checkbox"/> Topic selection for short study & approval
November 2023 to March 2023	<input type="checkbox"/> Basic science classes / seminars (2.30 pm - 4.30 pm) (Four days to Medical college – Monday - Thursday) <input type="checkbox"/> Short study presentation to IRC
March 2023	<input type="checkbox"/> First Internal Assessment Examination
May 2023	<input type="checkbox"/> Submission of synopsis presentation for dissertation to institutional research committee (within 6 months of joining course)
July 2023	<input type="checkbox"/> Ethical committee clearance for dissertation and short study (within 8 Months of joining course)
October 2023	<input type="checkbox"/> Second Internal Assessment Examination
November 2023	<input type="checkbox"/> Part- I MDS University Examination
<ul style="list-style-type: none">- Two poster presentation in specialty conference- Health Research Fundamentals (SWAYAM Exam) should be cleared prior First MDS (Part I examination)- Collection of references for dissertation - completion of clinical quota	

**SECOND ACADEMIC YEAR
NOVEMBER 2023 – NOVEMBER 2024**

DATE	WORK SCHEDULE
March 2024	<input type="checkbox"/> Third Internal Assessment Examination
May 2024	<input type="checkbox"/> Completion And Submission of Library Dissertation (18 Months From The Date of Commencement of Course)
October 2024	<input type="checkbox"/> Fourth Internal Assessment Examination
<ul style="list-style-type: none">- Pilot Study Of Main Dissertation to be Completed and Commencement of The Study Proposal- Two Paper Presentation In Specialty Conference- Peripheral postings for dept. Of oral and Maxillo facial surgery post graduates- Paper Publication For Short Study,- Second Paper Publication (Review,Case Report) - Completion Of Clinical Quota	

<p style="text-align: center;">THIRD ACADEMIC YEAR NOVEMBER 2024 TO NOVEMBER 2025</p>

DATE	WORK SCHEDULE
February 2025	<input type="checkbox"/> Dissertation work completion
March 2025	<input type="checkbox"/> Statistical analysis of results Fifth internal assessment examination
April 2025	<input type="checkbox"/> Completion of write up and final discussion with HOD
May 2025	<input type="checkbox"/> Final submission of dissertation
June 2025	<input type="checkbox"/> Submission of write up of dissertation(for publication)
August 2025	<input type="checkbox"/> Completion of clinical quota.
October 2025	<input type="checkbox"/> Final internal assessment examination
October 2025	<input type="checkbox"/> Mock clinical exam
November 2025	<input type="checkbox"/> Part- III MDS university examination

Practical / Clinical Examination will commence within a week after completion of theory examination

Note: Second* and Fourth Saturdays of every month are holidays

*- subject to change according to the situation.

Note:

- Submission of Synopsis for Dissertation should be done within 6 months of the commencement of the course
- Submission of two copies of Library Dissertation at the end of 18months.
Submission of pre-clinical work as scheduled
- Submission of Dissertation -6 months before completion of III year.
- Maintenance of Work Diary / Log book as prescribed by Vinayaka Mission University.

MDS CURRICULUM

❖ OBJECTIVES:

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

❖ KNOWLEDGE

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

- i) Demonstrate understanding of basic science relevant to speciality;
- ii) Describe etiology, pathophysiology, principles of diagnosis and management of common problems within the speciality in adults and children;
- iii) Identify social, economical, environmental and emotional determinants in a given case and take them into account for planned treatment;
- iv) Recognise conditions that may be outside the area of speciality or competence and to refer them to the concerned specialist;
- v) Update knowledge by self study and by attending courses, conferences and seminars pertaining to speciality;
- vi) Undertake audit, use information technology and carry out research in both basic and clinical with the aim of publishing or presenting the work at various scientific gathering;

❖ SKILLS

Three important skills need to be imparted in and maxillo-facial diseases

1. Diagnostic skill in recognition of oral with radiographic diagnosis 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

❖ **ATTITUDE**

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

- I. Adopt ethical principles in all aspects of practice;
- II. Foster professional honesty and integrity;
- III. Deliver patient care irrespective of social status, caste, creed, or religion of the patient;
- IV. Develop communication skills, to explain various options available and obtain a true informed consent from the patient;
- V. Provide leadership and get the best out of his team in a congenial working atmosphere;
- VI. Apply high moral and ethical standards while carrying out human or animal
- VII. Be humble and accept the limitations in his knowledge and skill and to ask for help from colleagues when needed;
- VIII. Respect patients rights and privileges including patients right to information and right to seek a second opinion

❖ **ESSENTIAL KNOWLEDGE**

Basic medical subjects, Oral Medicine, Clinical Dentistry, Management of Medical Emergencies, Oral Radiology, Techniques and Inter - Operation, Diagnosis of Oro - facial Disorders

COURSE CONTENT

PART I

PAPER 1: 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
 - f. Sub mandibular salivary 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 arteries and subclavian arteries
 - d. Jugular systems
 - (i) Internal jugular
 - (ii) External jugular
 - e. Lymphatic drainage
 - f. Cervical plane
 - g. Muscles derived from pharyngeal arches

- h. Infra temporal fossa in detail and temporomandibular joint
- i. Endocrine glands
 - (i) Pituitary (ii) Thyroid (iii) Parathyroid
- j. Exocrine glands
 - (i) Parotid (ii) Thyroid (iii) Parathyroid
- k. Sympathetic chain
- l. Cranial nerves V, VII, IX ,XI & XII
- 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:
- 6. Gross salient features of brain and spinal cord with reference to attachment of cranial nerves to brain stem.
Detailed study of cranial nerve nuclei of V, VII,IX,X,XI & XII.
- 7. **Osteology:**
 - a) comparative study of fetal and adult skull
 - b) Mandible: development, ossification age change and evaluation of mandible in detail.

EMBRYOLOGY

1. Development of face, palate, nasal septum and nasalcavity, Para nasal 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 the 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 tissues
3. Muscular tissues
4. Nervous tissues
5. Blood vessels
6. Cartilage
7. Bone and tooth
8. Tongue
9. Salivary glands
10. Tonsil, thymus, lymph nodes

PHYSIOLOGY

1. General physiology
 - a) Cell
 - b) Body fluid compartments
 - c) Classification
 - d) Composition
 - e) Cellular transport
 - f) R M P and action potential

2. Muscle nerve physiology

- a) Structure of neuron and properties of nerve fibers
- b) Structure of muscle fibers and properties of muscle fibers
- c) Neuromuscular transmission
- d) Mechanism of muscle contraction

3. BLOOD

1. RBC and Hemoglobin
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 SYSTEMS

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

CARDIOVASCULAR SYSTEMS

1. Cardiac cycle
2. Regulation of heart rate /stroke volume /cardiac output/blood flow
3. Regulation of blood pressure

4. Shock, hypertension, cardiac failure

EXCRETORY SYSTEMS

1. Renal function tests

GASTROINTESTINAL TRACT

1. Composition function and regulation of

- Saliva
- Gastric juice
- Pancreatic juice
- Bile and intestinal juice
- Mastication and deglutition

ENDOCRINE SYSTEMS

1. Hormones-classification and mechanism of action.
2. Hypothalamic and pituitary hormones
3. Thyroid hormones
4. Parathyroid hormones and calcium homeostasis
5. Pancreatic hormones
6. Adrenal hormone

CENTRAL NERVOUS SYSTEM

1. Ascending tract with special reference to pain pathway

SPECIAL SENSES

1. 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/nonessential
- Metabolism of fatty acids- oxidation, ketone body formation, utilization, ketosis
- Outline of cholesterol metabolism- synthesis and products formed from cholesterol

3. Proteins

- Amino acids - essential / nonessential, complete / incomplete proteins
- Transamination/ deamination (definition with examples)
- Urea cycle
- Tyrosine hormone synthesized from tyrosine
- Inborn errors of amino acid metabolism
- Methionine and transmethylation

4. Nucleic acids

- Purines / Pyrimidines
- Purine analogs in medicine
- DNA / RNA -outline of structures
- 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

6. Energy metabolism

- Basal metabolic rate
- Specific Dynamic Action (SDA)

7. Vitamins

- Mainly these vitamins and their metabolic role- specifically vitamin A, vitamin C, vitamin D, thiamine, riboflavin, niacin, pyridoxine.

PATHOLOGY

1. Inflammation

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

2. Haemostasis

- 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.

3. Chromosomal abnormalities

- Trisomy 21, klinefelters syndrome
- Marfans syndrome
- Ehlers Danlos syndrome
- Fragile X syndrome

4. Hypersensitivity

- Anaphylaxis
- Type II hyper sensitivity

- Type III hypersensitivity
 - Cell mediated reaction and its clinical importance
 - Systemic Lupus Erythmatosus
 - Infection and infective granuloma
5. Neoplasia
- Classification of tumors
 - Carcinogenesis and carcinogens-viral, chemical and microbial.
 - Grading and staging of cancer, tumor angiogenesis, para neoplastic syndrome
 - Spread of tumors
 - Characteristic of benign and malignant tumors
6. 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

PHARMACOLOGY

1. Definition of terminologies used
2. Dosage and mode of administration of drugs
3. Action and fate of drugs in the body
4. Drug acting on CNS
5. Drugs addiction, tolerance and hypersensitive reaction
6. General and local anesthetics, hypnotics, antiepileptics

tranquillizers

7. Chemotherapeutics and antibiotics
8. Analgesics and antipyretics
9. Anti tubercular and antisyphilitic drugs
10. Antiseptics, sialogogues, and antisialogogues
11. Haematinics
12. Anti-diabetes
13. Vitamin-A, B complex, C, D, E, K
14. Steroids

MICROBIOLOGY:

1. Viral infections

Herpes simplex virus, Varicella, Cytomegalovirus, Coxsackie virus, Infectious mononucleosis, HIV, Measles, Mumps

2. Immunology

Immunity, Antigen antibody reactions, hypersensitivity, autoimmune and immunodeficiency diseases

3. Systemic Bacteriology

Staphylococcus, Streptococcus, Pneumococcus, Shigella, Salmonella, Vibrio, Mycobacterium Tuberculosis, Actinomycetes

4. Normal oral flora

5. Culture media and sensitivity

6. Sterilization and Disinfections

7. Microbiology of dental caries

8. Candidiasis

9. Laboratory diagnosis of Diphtheria, pulmonary tuberculosis, typhoid, Sjogren's syndrome, vesiculobullous Lesions.

10. Focal oral sepsis

BIOSTATISTICS

Study of biostatistics, definition, aim, characteristics and limitations of statistics, planning of statistical experiments, sampling collection, classification and presentation of data (tables, graphs, pictograms and analysis of data).

INTRODUCTION TO BIOSTATISTICS

Definition of selected terms, scale of measurements related to statistics, methods of collecting data, presentation of statistical diagrams and graphs, frequency curves, mean, median, mode of median, standard deviation and coefficient of variation, correlation-coefficient and its significance, binominal distribution, normal distribution and tests of significance.

RESEARCH METHODOLOGY

Understanding and evaluating dental research, scientific method, understanding to logic-inductive logic-analogy, models, hypothesis and causation, abuses of logic, measurement and errors of measurement, presentation of results, reliability, sensitivity and specificity diagnosis test and measurements, research strategies, observation, correlation experimentation and experimental design, logic of statistical interference, balance judgements, clinical vs scientific judgement, problem with clinical judgement, problem of contradictory evidence, citation analysis as a means of literature evaluation, influencing judgement, lower forms of rhetorical life, denigration, terminal, inexactitude.

RESEARCH METHODOLOGY

- 1) Research Methodology, Methods, Techniques.
- 2) Sampling and Sampling Design.
- 3) Randomised control trials.
- 4) Probability and Non-probability Sampling.
- 5) Analysis of Data – Basic statistical test.
- 6) Determination of sample size.
- 7) Format for thesis Presentation.
- 8) Survey.

PART-II

PAPER - I -ORAL AND MAXILLOFACIAL RADIOLOGY

Study includes seminar/ JOURNALS CLUB / DEMONSTRATION

1. History of radiology, structure of x-ray tube, production of x-ray, property of x-ray, uses of x-rays.
2. Biologic effects of radiation & Radiation safety.
3. Filtration, collimation, grids.
4. Image receptors in dental radiology.
5. Processing of image in radiology.
6. Designs x-ray department and darkroom and use of automatic processing units.
7. Localization of objects 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 - submento vertex, occipitontal, reverse townes, true lateral, posterior anterior, caldwell, lateral cephalogram, hand wrist, lateral oblique, TMJ views.
11. Orthopantomography and other radiologic techniques

12. Advanced imaging techniques like CT scan, M R I, Ultrasonography & thermography, fluoroscopy - cone beam computed tomography (CBCT)
13. Basic Anatomy of sectional imaging with case interpretations of CT / CBCT / MRI
14. Radionucleotide techniques
15. Contrast radiography in salivary glands, TMJ and other radiolucent pathologies.
16. Radiation protection in ICRP guidelines.
17. Radiographic interpretation and art of radiographic reporting.
18. Radiograph differential diagnosis of radiolucent, radio opaque and mixed lesions.
19. Digital radiology and its various types of advantages
20. Radiologic anatomy of head and neck
21. Radiation oncology
22. Implant radiology
23. Intra oral radiographic techniques- intra oral periapical, bitewing, Occlusal, distal oblique techniques.
24. Infection control in radiology

PART-II

PAPER-II ORAL MEDICINE, THERAPEUTICS AND LABORATORY INVESTIGATIONS

1. Methods of clinical diagnosis of oral and systemic diseases applicable to oral tissue including modern diagnostic techniques.
2. Laboratory investigation 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 & headache.
6. Psychosomatics (aspects of oral diseases) disorders.
7. Management of medically compromised patients including medical emergencies in dental chair.
8. Congenital hereditary disease involving tissues of oro-facial region.
9. Systemic diseases due to oro foci 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 odontology.
22. Computers in oral diagnosis and imaging.
23. Evidences based oral care in treatment planning.
24. Molecular biology.
25. Auto immune disorders.
26. Oro-facial infections.
27. Oral white lesions.

28. Oral vesiculo - bullous lesions.

29. Oral Redlesions.

30. Transplantation medicine.

31. Behavioral medicine.

32. Oral Granulomatous lesions

33. Geriatric Dentistry

PART-II

PAPER – III – DESCRIPTIVE AND ANALYSING TYPE QUESTIONS

PROCEDURAL AND OPERATIVE SKILL

1st Year

- Examination of patient - Case History Recordings - 100
 - FNAC - 50
 - Biopsy - 50
 - Observe, assist, & perform under supervision
- Intra - oral Radiographs:
 - Perform and interpretation - 500
- Full mouth intra oral radiograph tracings - 3
- Age estimation using radiographs - 10
- Submission of synopsis at the end of 6 months.

2nd Year

- Dental treatment of medically compromised patients – 2
 - Observe, assist, & perform under supervision
- Extra-Oral radiographs, digital radiography - 20
 - Observe, assist, & perform under supervision
- Extra-Oral radiographs tracings - 3
- CBCT Interpretations - 5
- Examination of patient Case History Recordings - 100
- Interesting Case History Recordings - 10
- Intra-oral Radiographs:
 - Perform - 500
 - Interpret - 100

OPERATIVE SKILLS

- Giving intramuscular and intravenous injections, intralesional injection.
- Administration of oxygen and lifesaving drugs to patients.

- Performing basic CPR and certification by Red Cross or similar authorized organization.

3rd Year

- Performed independently-case history-routinecases-100
- Interesting cases-25
- OPG – 50
- Periapical view-100
- Bitewingview-50
- Occlusalview-50
- Extra oral radiographs of different views-25
- CBCT Interpretations – 10
- Treatment of mucosal lesions with LASER – 3
- Dissertation to be submitted at the end of 9months
- Intra-oral radiographs-100

SCHEME OF EXAMINATION

A. THEORY:

PART-I: Basic science paper -100 marks

PART-II: Paper I, Paper II, Paper III

PART-I: Examination (basic science) of three hours duration will be conducted at the end of first year MDS course

PART-II: Examination of three hours duration will be conducted at the end of third year MDS course

B.DISTRIBUTION OFMARKS:

Theory: (Total 400 Marks)

- (1) Part I University Examination (100Marks):-There shall be 10 questions of 10 marks each (Total of 100 Marks)
- (2) Part II (3 papers of 100Marks):-
 - (i) Paper-I: 2 long essay questions of 25 marks each and 5 short essays of 10 marks each. (Total of 100Marks)
 - (ii) Paper-II: 2 long essay questions of 25 marks each and 5 short essays of 10 marks each. (Total of 100Marks)
 - (iii) Paper III: 2 out of 3 essay questions (50 x 2 = 100Marks)

Practical and Clinical Examination : 200 Marks

Viva-voce and Pedagogy : 100 Marks

B. PRACTICAL/CLINICAL EXAMINATION:

1ST DAY

Clinical Case Presentation:

2	Spotters	$2 * 10 = 20$ marks
2	short cases	$2 * 15 = 30$ marks
1	long case	$1 * 50 = 50$ marks

TOTAL: 100 Marks

Radiology Exercise: including technique and interpretation

1. a) One intra Oral Radiograph: 10 marks.
b) One Occlusal Radiograph: 30 marks. **40**

Marks

2. Two Extra Oral Radiographs: $2 * 30 = 60$ marks = **60 Marks**

2nd DAY

c. Viva voce : TOTAL: 100 Marks

1. Viva - voce examination: 80 marks

All examination 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.

2. Pedagogy Exercise: 20 marks

A topic to 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.

Date:

S.NO	<u>CLINICAL CASE PRESENTATION</u>	MARKS ALLOTED
A	LONG CASE -1	1X50=50
B	SHORT CASE-2	2X15=30
C	SPOTTERS-2	2X10=20
<u>RADIOGRAPHIC EXERCISE</u>		
D	INTRA ORAL RADIOGRAPH-1	1X10=10
E	OCCLUSAL RADIOGRAPH-1	1X30=30
F	EXTRAORAL RADIOGRAPH INCLUDING TECNIQUE&INTERPRETATION- 2	2X30=60
<u>VIVA VOCE</u>		
G	VIVA VOCE EXAMINATION	80
H	PEDAGOGY EXERCISE	20
	TOTAL	300

DISTRIBUTION OF PRACTICAL MARKS

REG NO	A	B	C	D	E	F	G	H	TOTAL
	50 MARKS	30 MARKS	20 MARKS	10 MARKS	30 MARKS	60 MARKS	80 MARKS	20 MARKS	MAX.MAR KS:300 MIN.MAR KS:150

SN. NO	NAME OF THE EXAMINER	TYPE OF APPOINTMENT	SIGNATURE WITH DATE
1.			
2.			
3.			
4.			

I-YEAR – TIME TABLE

DAY	8.30 to 10.00AM	10.00 to 11.30 AM	11.30 to 1.30PM	2 PM to 3.30 PM
Mon	Clinics Op / Review	Clinics OP / Review	Clinics CaseDiscussion / Radiology	Basic SciencesClasses/LD
Tue	Journal Club	Clinics OP / Review	Clinics CaseDiscussion / Radiology	Basic SciencesClasses/LD
Wed	Case Presentation	Clinics OP / Review	Clinics OP / Review	Basic Sciences Classes/LD
Thu	Seminar	Clinics OP/ Review	Clinics OP / Review	Basic Sciences Classes/LD
Fri	Clinicopa thology Meeting/T umor Board Meeting	Clinics OP /Review	Clinics OP/ Library	Basic Sciences Classes/LD
Sat	Clinics Op / Review	Clinics OP/ Review	Clinics OP / Review	Library

Basic sciences classes include Anatomy, Physiology, Biochemistry, Pathology, Microbiology, Pharmacology, Research methodology and Biostatistics.

II-YEAR – TIME TABLE

DAY	8.30 AM-10.00AM	10.00 AM-11.30 AM	11.30-1.30 PM	2.00 - 3.30 PM
MON	Clinics/Radiology	Clinics/Radiology	Clinical Case Discussion	Peripheral posting/Dissertation
TUE	Journal club	Clinics/Radiology	Clinical Case Discussion	Peripheral posting/Dissertation
WED	Case presentation	Clinics/Radiology	Clinical Case Discussion	Peripheral posting/Dissertation
THU	Seminar	Clinics/Radiology	Clinical Case Discussion	Peripheral posting/Dissertation
FRI	Clinics/Radiology/ Tumor Board meeting	Clinics/Radiology	Clinical Case Discussion	Peripheral posting/Dissertation
SAT	Clinics/Radiology	Clinics/Radiology	Clinical Case Discussion	Library

III-YEAR – TIME TABLE

DAY	8.30AM-10.00AM	10.00AM-11.30AM	11.30 – 1.30PM	2.00-3.30 PM
Mon	Clinics/Radiology	Clinics/Radiology	Clinical Case Discussion	Dissertation/ Library Hour
Tue	Journal Club	Clinics/Radiology	Clinical Case Discussion	Dissertation/ Radiographic Exercises
Wed	Case Presentation	Clinics/Radiology	Clinical Case Discussion	Dissertation/ Library Hour
Thu	Seminar	Clinics/Radiology	Clinical Case Discussion	Dissertation/ Radiographic Interpretation And Discussion
Fri	Clinics/Radiology/ Tumor Board Meeting	Clinics/Radiology/	Clinical Case Discussion	Dissertation/ Radiographic Interpretation And Discussion
Sat	Clinics/Radiology	Clinics/Radiology	Clinical Case Discussion	Library

**FIRST ACADEMIC YEAR COMMENCEMENT
NOVEMBER 2021 TO NOVEMBER 2022**

M.D.S 2021 To 2024 BATCH M.D.S PROGRAMME – WORK SCHEDULE

Date	Work Schedule
Tentatively from November 2021- January 2022 (3 months)	Selection of Dissertation and Library Dissertation Topics Department Review and Approval Topic selection for short study and approval
February 2022 April 2022 (3 months)	Basic Science Classes / Seminars (2.30 to 4.3pm) (Monday to Friday) (two days to medical college Monday and Thursday) Short study presentation to IRC
March 2022	1 st Internal Assessment Examination (After five months of joining course)
April 2022	Submission of Synopsis Presentation to Institutional Research Committee
June 2022	Ethical Committee Clearance for dissertation and short study (within 8 months of joining course)
October 2022	2 nd internal assessment examination
November 2022	Part - I MDS University Examination
<ul style="list-style-type: none"> - One Short Study to be Done in 1st Year - Two poster presentation in specialty conference - Health research fundamentals (Swayam exam) should be cleared prior 1st MDS (Part 1 examination) - Collection of reference for dissertation - Completion of clinical quota 	

**SECOND ACADEMIC YEAR –
NOVEMBER 2022- NONOVEMBER 2023**

Date	Work Schedule
March 2023	3 rd Internal Assessment Examination
May 2022- May 2023	Completion and submission of library Dissertation
October 2023	4 th Internal Assessment Examination
<ul style="list-style-type: none"> - Pilot Study for main dissertation - 2nd Short Study - Peripheral Posting - Paper Publication for short study - 2nd paper publication (review, case report) - Completion of clinical quota 	

**THIRD ACADEMIC YEAR – NOVEMBER 2023 –
NOVEMBER 2024**

DATE	WORK SCHEDULE
February 2024	Dissertation Work Completion
March 2024	Statistical Analysis of Results 5 th Internal Assessment Examination
April 2024	Writing and Final Discussion with HOD
May 2024	Final Submission of Dissertation
June 2024	Submission of write up of Dissertation
August 2024	Completion of clinical quota
October 2024	Final internal assessment examination
October 2024	Mock Clinical Exam
November 2024	Part - II MDS University Examination

PG instruments

1. Biopsy kit
2. Photographic mirror - 2 sets
3. Lens