



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



**VINAYAKA MISSION'S
SANKARACHARIYAR
DENTAL COLLEGE**



Department of Oral & Maxillofacial Surgery

MDS

**Master of
Dental Surgery**
GUIDE BOOK 2023 - 2024 BATCH



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**VINAYAKA MISSION'S
SANKARACHARIYAR
DENTAL COLLEGE**



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



Dean's Message

I am happy to note that you have taken a decision to join our Institution after a serious thought and discussion amongst your loved and learned ones. I congratulate you for the wise decision.

Vinayaka Mission's Sankarachariayar Dental College was started in the year 1986 and has crossed leaps and bounds, to attain the present status. I wish to state that dentistry is an art & science which needs a good sculptor and source.

Our asset is experienced and dedicated staff, good infrastructure and clinical cases, provides an environment for student centric learning in a holistic manner. The skill needed for the art and the knowledge needed for science is delivered by keeping the present generation's need to face the global challenge.

I therefore, assure you that your decision will not go futile and you will not only be a successful dentist but also a good statesman by making our country proud in all endeavors.

Prof. Dr. J. BABY JOHN, M.D.S.,
Dean, VMSSDC, Salem



Vinayaka Mission's Sankarachariyar Dental College (Vmsdc) Profile



**Mrs. Annapoorani Shanmugasundaram &
Dr. A. Shanmugasundaram**

Vinayaka Mission's Sankarachariyar Dental college, Salem was instituted in the year 1986 as an affiliated institution under the University of Madras and later on affiliated to the Tamilnadu Dr. MGR Medical University, Chennai with courses viz. Bachelor of Dental Surgery (BDS), Master of Dental Surgery (MDS), Diploma in Dental Mechanics and Diploma in Dental hygienist.

The Vinayaka Mission's Sankarachariyar Dental college later on became the constituent of VINAYAKA MISSION'S RESEARCH FOUNDATION (DEEMED TO BE UNIVERSITY) from 2001. The institution is located on NH 47, Sankari Main Road, Ariyanoor, Salem- 636008 in 10.14 acre campus with a build up area of 1,14,149 sq.ft.

The institution has committed to impart quality education to the students from different socioeconomic & Cultural backgrounds. The institution offers Undergraduate programme, 9 Postgraduate programmes, PhD in Dentistry, Diploma courses in Dental Mechanics & Dental Hygienist. The campus has well equipped library with internet facility & Central Research Laboratory for the staff and students.



Academic & Administrative Profile

S.No	Name	Academic Profile	Mobile No.
1.	Dr. J. Baby John	Professor & Dean	9842753645
2.	Dr.Reena Rachel John	Professor & Associate Dean (Research & Scientific) Oral & Maxillofacial Surgery	9443118756
3.	Dr.R.Saranyan	Professor & HOD Periodontology Associate Dean (Academic Affairs)	9842748071

S.No	Name	Academic Profile	Mobile No.
1.	Dr. G.V.Ramachandra Reddy	Professor & HOD Oral Medicine & Radiology	9844065968
2.	Dr.R.Saranyan	Professor & HOD Associate Dean (Academic Affairs) Periodontology	9842748071
3.	Dr.J.Arunkumar	Professor & HOD Oral & Maxillofacial Surgery	9443273347
4.	Dr.R.Ramesh	Professor & HOD Prosthodontics and Crown & Bridge	9443155211
5.	Dr.Maya Ramesh	Professor & HOD Oral & Maxillofacial Pathology and Oral Microbiology	9600918804
6.	Dr. Veena Arali	Professor & HOD Pediatric & Preventive Dentistry	9535444112
7.	Dr.Yadav Chakravarthy	Professor & HOD Conservative Dentistry & Endodontics	8072404507
8.	Dr.N.Saravanan	Professor & HOD Public Health Dentistry	9842753645
9.	Dr.Prabhakar Krishnan	Professor & HOD Orthodontics & Dentofacial	9843688271

S.No	Name	Academic Profile	Mobile No.
1.	Mr.R.Natarajan	Administrative Officer	9843044140
2.	Mr.I.Sapnath Panea Ray	Academic Officer	9245478556
3.	Mr.A.Syed Nizamuddin	Senior Accountant	8825805997
4.	Mrs.J.Sudhishna	Senior executive hospital admin	9994619822



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 and remembered 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.

The candidates entitled for marriage leave & maternity leave, if average attendance percentage is below 80% during course period, the candidate will have to work for the extended period and the final examination of the candidate shall be postponed to the next examination session to allow for/ensure completion of the extended period of training .

9. Conferences:

The PG students need to attend National Conference & PG Speciality conferences mandatorily. In case of any other programmes, HOD need to ensure that PGs to attend for relevant CDE Programmes/ Workshops only.

Each Department should ensure that External Expert should conduct CDE Programme on a periodical basis of thrice in a year/ depending on the need.

10. 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.

11. Term Fees:

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

12. 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>

13. 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

14. 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, chrome 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.

For basic sciences subjects in 1st 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 8148 books, 15 National & 9 International journals, 3400 E-Books & 669 E-journals. Our institution has registered in National Digital Library.

The Library is fully automated with RFID technology. Library is using Koha software for Library automation, with OPAC (Online Public Access Catalogue), and renewal facility. Biometric based E-Gate Register has been installed to register and monitor user entry and exit. Books borrowed in Biometric and RFID Technology by staff and students. All the books are RFID tagged in the library & RFID scanners are used in the circulation counter for books transaction. 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 : 08.30 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.



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 Superintendent 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 each carrying 25marks Short notes:5 questions each carrying 10 marks)	100 marks
	: Part II- Paper II (Essays: 2questions each carrying 25marks 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 each carrying 25marks Short notes:5 questions each carrying 10 marks)	100marks
	: Part II- Paper II (Essays: 2questions each carrying 25marks Short notes:5 questions each carrying 10 marks)	100marks
	: Part II- Paper III (Essays:3 ,any 2 questions each carrying 50 marks)	100marks



ANTI - RAGGING

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.

Download
**ANTI
RAGGING**
App

SAY NO TO RAGGING



YES TO JOYFUL CAMPUS

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



विश्वविद्यालय अनुदान आयोग
University Grants Commission
quality higher education for all



ANTI RAGGING COMMITTEE & SQUAD

Name of the Member	Designation	Mobile No.
Chairperson Dr. S. Sunantha	Associate Professor	99940 66144
Member Representative of Faculties Dr. N. Saravanan Dr. Saramma Mathew Fenn Dr. C. Suresh Dr.S.Ashna	Professor & HOD Addl. Associate Professor Assistant Professor Assistant Professor	94422 62950 87545 69193 94876 30871 98436 93385
Member Representative of Students Saranrakav Sampreetha.K Mr.N. Vijayasarithi Ms.S.P.Kamali	Student Member Student Member Student Member Student Member	77086 81577 63857 25788 89736 89276 80721 24825
Non Teaching Staff Mr.A. K. Varadarajan Mr. I. Sapnath Panea Ray	Non –Teaching Staff Member Non –Teaching Staff Member	97873 88309 92454 78556
Media Member Mr.Xavier Mr.V. Ravindran	Media Member Member	99524 30038 94981 00946
Police Administration Mr. Selvaraj	Sub Inspector of Police	94981 02009
Legal Advisor Mr. T. Prem Amirtharaj	Legal Advisor	94432 88688
NGO Representative Prof. P. Selvam Professor, VMKVEC	NGO Representative	93628 47666



ANTI RAGGING SQUADS

Name of the Member	Designation	Mobile No.
Chair Person Dr. Sunantha.S	Associate Professor	9994066144
Member Representatives of Faculties Dr.M.Assmee Dr.Saradha Dr.Shanthi Dr Pavithran Dr.Mohammed Adil Dr.D.V. Bhuvanesh Kumar Dr.M.Subhashini	Associate Professor Assistant Professor Assistant Professor Assistant Professor Assistant Professor Assistant Professor Assistant Professor	9789146075 9494046417 9384215228 8667720806 7010374054 9789146075 9944422297 9994392006
Non Teaching Staff Mr.R.Natarajan Mr.E. Prabhu Mr.S.Rajendran Mr.R.Chandran Mr. Ravi	Administrative Officer Transport Physical Director Electrician Civil Supervisor	9843044140 9677410412 8883078595 9360676466 9500597046

- 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.

INTERNAL COMPLAINTS COMMITTEE MEMBERS

Name	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
Mrs. P. Parimala Jothi	Non Teaching staff member	7373876702
Mr. Prem Amirtharaj	External member	9443288688



STUDENTS GRIEVANCE REDRESSAL COMMITTEE

Name	Designation	Department	Mobile No.
Dr. Bindu Kamaraj	Professor	Prosthodontics and Crown & Bridge	9176777876
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

MENTORS COMMITTEE

Name	Designation	Department	Mobile No.
Dr. J.Baby John Chair person	Professor & Dean		9842753645
Dr. Vyapaka Pallavi Coordinator & Record keeper	Professor	Conservative Dentistry & Endodontics	9655465438
Dr. Vanitha D. Revankar.(PG)	Associate Professor	Conservative Dentistry & Endodontics	8122092727
Dr. Diana Prem (CRRI)	Associate Professor	Oral and Maxillofacial Pathology and Oral Microbiology	9443708899
Dr. Anitha (IV BDS)	Assistant Professor	Periodontology	6379448862
Dr. Madhusree (III BDS)	Assistant Professor	Periodontology	9740575508
Dr. Ambika (II BDS)	Associate Professor	Oral and Maxillofacial Pathology and Oral Microbiology	9444365461
Dr.Indhra Priyadharshini (I BDS)	Associate Professor	Oral and Maxillofacial Pathology and Oral Microbiology	9894105232
Dr. Ashna (I BDS)	Assistant Professor	Prosthodontics and Crown & Bridge	9843693385



LIBRARY ADVISORY COMMITTEE

Name	Designation	Department	Mobile No.
Dr. J.Baby John Chairperson & Convener	Professor & Dean		9842753645
Dr. M. Ambika Coordinator & Record keeper	Associate Professor	Oral and Maxillofacial Pathology and Oral Microbiology	9444365461
Dr. Arpita	Assistant Professor	OMFS Representative	8935036680
Dr A Kumar	Assistant Professor	OMDR Representative	9787144666
Dr.Anjali Regi	Assistant Professor	PHD Representative	9886306084
Dr Aasmee	Associate Professor	Endodontics Representative	9789146075
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

Name	Designation	Department	Mobile No.
Dr. J.Baby John Chairman	Professor & Dean		9842753645
Dr. Reena Rachel John Convener	Professor & Associate Dean Research	Oral & maxillofacial surgery	9443118756
Dr. R.Saranyan	Professor & HOD, Associate Dean Academics	Periodontology	9942093071
Dr. Yadav Chakravarthy	Professor & HOD	Conservative dentistry & Endodontics	9488156929
Dr. Prabhakar Krishnan	Professor & HOD	Orthodontics & Dentofacial Orthopedics	9843688271



Dr. R. Ramesh	Professor & HOD	Prosthodontics and crown & Bridge	9443155211
Dr. Veena Arali	Professor & HOD	Pediatric & Preventive Dentistry	7760748787
Dr. G.V. Ramachandra Reddy	Professor & HOD	Oral Medicine & Radiology	9844065968
Dr. J.Arun Kumar	Professor & HOD	Oral & maxillo facial surgery	9443273347
Dr. N. Saravanan	Professor & HOD	Public health dentistry	9442262950
Dr. Maya Ramesh	Professor & HOD	Oral and Maxillo facial Pathology and Oral Microbiology	9600918804

INSTITUTIONAL ETHICAL COMMITTEE

Name	Designation	Department	Mobile No.
Dr. Umadevi.M. Chairman	Professor	Oral Pathology	9841276660
Dr. Mathew Jacob Member Secretary	Associate Professor Oral and Maxillofacial Pathology and Oral Microbiology		8754569194
Dr. Reena Rachel John Clinician	Professor & Associate Dean Research	Oral & maxillofacial surgery	9443118756
Dr. R.Saranyan	Professor & HOD, Associate Dean Academics	Periodontology	9942093071
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	Community Medicine	9655368498
Mr. T. Prem Amirtharaj. Legal expert	Advocate _ private practice	Advocate	9443288688
Rev. Anesh Samuel John Theologian	Priest, Mar Thoma Syrian Church, Salem.	Priest,	9496331834
Mr.V.Soundarajan Lay person	Consultant (Private)	-----	9865588768



STUDENT SUPPORT COMMITTEE MEMBERS

Dr J Baby John	Chairperson
Dr B Sekar	Convener
Dr D Jayachandaran	STUDENTS' COUNCIL - Faculty Advisor
Dr GV Ajith	FINE ARTS CLUB – Faculty Advisor
Dr Karthick Raja	SPORTS CLUB – Faculty Advisor
Dr.Ajith	College Magazine – Faculty Advisor
Dr Kasrala Himaja	Member
Dr Mercy Vinolia	Member
Dr P.I Nainan	Member
Mr. Rajendran	Physical Education Teacher
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Dr K Priya	Secretary
Dr Maya Ramesh	Vice President
Dr Sabitha Gokul Raj	Treasurer
Dr Diana Prem	Member
Dr A Narendran	Member
Dr Saramma Mathew Fenn	Member
Dr S Arun	Member
Dr V Vignesh	Member
Dr A Anitha	Member
Dr R Pradeep Daniel G	Member



TRAINING AND PLACEMENT CELL	
Dr. Diana Prem	Cell Coordinator & Record Keeper
Dr.Vignesh	Member
Dr . Mohamed Adhil	Member
Dr. R.T. Rithika Rathan	Member
Dr . Madhushree	Member
Dr.A.Sudha	Member
NATIONAL SERVICE SCHEME CELL AND RED RIBBON COMMITTEE	
Dr .C.Bharath	Coordinator (NSS)
Dr.A.Pavithran	Member
Dr .P.Dhanalakshmi	Member
Dr .C. Manoj	Coordinator (RRC)
Dr.S.Karthikraja	Member
Dr .B.S Nandhini	Member



POST GRADUATE WORK SCHEDULE

FIRST ACADEMIC YEAR OCTOBER 2023 TO OCTOBER 2024

DATE	WORK SCHEDULE
Tentatively From October 2023 to December 2023 (3Months)	<p>Selection of dissertation and library dissertation topics. Department review and approval by HOD Topic selection for short study & approval</p>
October 2023 to February 2024	<p>Basic science classes / seminars (2.30 pm - 4.30 pm) (Four days to Medical college – Monday - Thursday)</p> <p>Short study presentation to IRC, Friday Research methodology Lectures</p>
March 2024	First Internal Assessment Examination
March 2024	<p>Submission of synopsis presentation for dissertation to institutional research committee (within 6 months of joining course)</p>
May 2024	<p>Ethical committee clearance for dissertation and short study (within 8 Months of joining course)</p>
September 2024	Second Internal Assessment Examination
October 2024	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
OCTOBER 2024 - OCTOBER 2025**

DATE	WORK SCHEDULE
March 2025	Third Internal Assessment Examination
April 2025	Completion And Submission of Library Dissertation (18 Months From The Date of Commencement of Course)
September 2025	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	



**THIRD ACADEMIC YEAR
OCTOBER 2025 TO OCTOBER 2026**

DATE	WORK SCHEDULE
January 2025	Dissertation work completion
February 2026	Statistical analysis of results
March 2026	Completion of writeup and final discussion with HOD, Fifth internal assessment examination
April 2026	Final submission of dissertation
May 2026	Submission of write up of dissertation (for publication)
June 2026	Completion of clinical quota.
September 2026	Final internal assessment examination
September 2026	Mock clinical exam
October 2026	Part- III MDS university examination

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

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 18 months. 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.



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



**VINAYAKA MISSION'S
SANKARACHARIYAR
DENTAL COLLEGE**



DEPARTMENT OF ORAL & MAXILLOFACIAL SURGERY POST GRADUATE GUIDEBOOK

CURRICULUM

OBJECTIVES

The Training Program in Oral and Maxillofacial surgery is structured to achieve the following five objectives:

Knowledge

Skills

Attitude

Communicative skills and ability

Research

KNOWLEDGE

To have acquired adequate knowledge and understanding of the etiology, pathophysiology, diagnosis and treatment planning of various common Oral and Maxillofacial surgical problems both major and minor in nature.

To have understood the general surgical principles like pre and post surgical management, particularly evaluation, post surgical care, fluid and electrolyte management, blood transfusion and post surgical pain management.

Understanding of basic Medical sciences in relevant to oral and maxillofacial surgery.

Able to identify social, cultural, economic, genetic and environmental factors and their relevance to disease process management in the oral and maxillofacial region.

Essential knowledge of personal hygiene and infection control, prevention of cross infection and safe disposal of hospital waste keeping in view the high prevalence of hepatitis and HIV

SKILLS

To obtain proper clinical history, methodical examination of the patient, perform essential diagnostic procedures, other relevant laboratory tests, interpret them and to arrive at a reasonable diagnosis about the surgical condition.

To perform minor oral surgical procedure and common maxillofacial surgery with competence.

To treat both surgically and medically (or by other means of the oral and maxillofacial and the related area.

Capable of providing care for maxillofacial surgery patients.

ATTITUDE

Develop attitude to adapt ethical principles in all aspects of surgical practice, professional honesty and integrity are to be fostered. Surgical care is to be delivered irrespective of the social status, caste, creed or religion of the patient.

Willing to share the knowledge and clinical experience with professional colleagues.

Willing to adopt new techniques of surgical management developed from time to time based on scientific research which are developed from time to time based on scientific research which are in the best interest of the patient.

Respect patient rights and privileges including patient's right to information and right to seek a second opinion.

Develop attitude to seek opinion from allied medical and dental specialists as and when required.

COMMUNICATIONS SKILLS

Develop adequate communication skills particularly with the patients giving them the various options available to manage particular surgical problem and obtain a true informed consent from them for the most appropriate treatment available at that point of time.

Develop the ability to communicate with professional colleagues.

Develop ability to teach undergraduates.

PROCEDURAL AND OPERATIVE SKILLS I YEAR

Dissection basic medical sciences, basic computer sciences, exodontia, seminars on basic topics, selection of dissertation topics, library assignment topic, attending OT and ward rounds, preparation of synopsis and its submission within six months after admission to the university as per calendar of events.

Minor oral surgery and higher surgical training.

Submission of library dissertation by the end of first year.

I Peripheral posting in later half of first year for 4 months

General Medicine	- 15 days
Ophthalmology	- 15 days
Neuro Surgery	- 15 days
ENT	- 15 days
Casualty	- 1 month
Orthopedics	- 15 days
Anesthesia	- 15 days

Examination of basic sciences one paper of three hours duration to be conducted by the college.

II YEAR

Peripheral posting for two months Plastic/Reconstruction

(Ganga hospital) - 1 month

Oncology (Adyar Cancer Centre) - 1 month

Minor Oral Surgery.

Submission of library assignment (within 18 months of Date of Joining)

III YEAR

Maxillofacial surgery.

Submission of dissertation to the university, i.e. six months before the final examination.

Model Exam of three hours duration will be conducted three months before the final examination in the college.

COURSE CONTENT (SYLLABUS)

ORAL AND MAXILLOFACIAL SURGERY

Paper-I

APPLIED BASIC SCIENCES: Applied basic sciences, Applied Anatomy, Physiology, Biochemistry, General and Oral Pathology and Microbiology and Pharmacology, Research methodology, biostatistics.

APPLIED ANATOMY:

1. Surgical anatomy of the scalp, temple and face.
2. Anatomy of the triangles of neck and deep structures of the neck.
3. Cranial and facial bones and its surrounding soft tissue with its applied aspects in maxillofacial injuries.
4. Muscles of head and neck.
5. Arterial supply, venous drainage and Lymphatics of head and neck.
6. Congenital abnormalities of the head and neck.
7. Surgical anatomy of the cranial nerves.
8. Anatomy of the tongue and its applied aspects.
9. Surgical anatomy of the temporal and infratemporal regions.
10. Anatomy and its applied aspects of salivary glands, pharynx, thyroid and parathyroid gland, larynx, trachea, esophagus.
11. Tooth Eruption, morphology and occlusion.
12. Surgical anatomy of the nose.
13. The Structures and function of the brain including surgical anatomy of intracranial venous sinuses.
14. Autonomous nervous system of head and neck.
15. Functional anatomy of mastication, deglutition, speech, respiration and circulation.
16. Development of face, paranasal sinuses and associated structures and their anomalies.
17. TMJ: Surgical anatomy and function.
18. Full body Anatomy - Surgical Anatomy of thorax, iliac region, upper and lower extremities. (Focusing on areas from where flaps will be taken for Maxillofacial Reconstruction)
19. Cortico-Basal Implants – Principles and Practice
20. Facial esthetic Procedures focusing on botox, fillers, Thread lifts, Laser, peels, and Hair transplantation.

PHYSIOLOGY

1. Nervous system

Physiology of nerve conduction, pain pathway, sympathetic and parasympathetic nervous system, hypothalamus and mechanism of controlling body temperature.

2. Blood

Composition

Haemostasis, various blood dyscrasias and management of patients with the same.

Hemorrhage and its control.

Capillary and lymphatic circulation.

Blood grouping, infusion of blood and its product.

3. Digestive system

Saliva : Composition and function of saliva.

Mastication deglutition, digestion and assimilation

Urine formation, normal and abnormal constituents.

4. Respiration

Control of ventilation, anoxia, asphyxia, artificial respiration.

Hypoxia-types and management.

5. Cardiac Vascular System

Cardiac cycle

Shock

Heart pressure

Hypertension

6. Endocrinology

General endocrinal activity and disorder relating to thyroid gland.

Parathyroid gland, adrenal gland, pituitary gland, pancreas and gland.

Metabolism of calcium.

7. Nutrition

General principles of a balanced diet, effect of dietary deficiency, protein energy malnutrition, Kwashiorkor, Marasmus.

Fluid and electrolytic balances in maintaining hemostasis and significances in minor and major surgical procedures.

BIOCHEMISTRY

General principles governing the various biological activities of the body such as osmotic pressure, electrolytes dissociation, oxidation, reduction etc.

General composition of the body.

Intermediary metabolism

Carbohydrates, proteins, lipids and their metabolism.

Nucleoproteins, nucleic acid and nucleotides and their metabolism.

Enzymes, vitamins and minerals.

Hormones.

Body and other fluids Metabolism of inorganic elements.

Detoxification in the body.

Antimetabolites.

PATHOLOGY

1. Inflammation

Repair and regeneration, necrosis and gangrene.

Role of component system 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 intracellular signaling cell surface receptors.

Role of NSAIDs in inflammation.

Cellular changes in radiation injury and its manifestation.

2. Haemostasis :

Role of endothelium in thrombogenesis.

Arterial and venous thrombi.

Disseminated intravascular coagulation.

3. Shock

Pathogenesis of hemorrhagic, neurogenic, septic, cardiogenic shock.

Circulatory disturbances, ischemia, hyperemia, venous congestion edema, infarction.

4. Chromosomal abnormalities:

Marfan's syndrome, Ehler's Danlos Syndrome, Fragile X-Syndrome, etc.

5. Hypersensitivity

Anaphylaxis, Type 2 hypersensitivity, Type 3 hypersensitivity and cell-mediated reaction and its clinical importance, systemic lupus erythematosus.

Infection and infective granuloma.

6. Neoplasia

Classification of tumors

Carcinogenesis and carcinogen-chemical, viral and microbial.

Grading and staging of cancers, tumor Angiogenesis, Paraneoplastic syndrome, spread of tumors.

Characteristics of benign and malignant tumors.

7. Others

Sex linked agammaglobulinemia

AIDS

Management of immunodeficiency Patients requiring surgical procedures.

De George Syndrome.

Ghon's complex, post primary pulmonary tuberculosis-pathology and pathogenesis.

8. Oral Pathology:

Developmental disturbances of oral para Structure.

Regressive changes of teeth.

Bacterial, viral and mycotic infections of oral cavity.

Dental caries, diseases of pulp and periapical tissues.

Physical and chemical injuries of the oral cavity.

Oral manifestations of metabolic and endocrinal disturbances.

Diseases of jawbones and TMJ.

Diseases of blood forming organs in relation to oral cavity.

Cyst of oral cavity.

Salivary gland diseases.

Role of laboratory investigations in oral surgery

9. Microbiology

Immunity.

Knowledge of organism commonly associated with disease of oral cavity.

Morphology cultural characteristics of streptococcus, staphylococcus, pneumococcus, gonococcus, meningococcus, clostridium group of organisms, spirochetes, organism of TB, leprosy, diphtheria, actinomycosis.

Hepatitis B and its Prophylaxis.

Culture and sensitivity test.

Laboratory determinations.

Blood Groups, blood matching, RBC and WBC count.

Bleeding and clotting time etc, smears and cultures.

Urine analysis and cultures.

APPLIED PHARMACOLOGY AND THERAPEUTICS:

1. Definition of terminologies used.
2. Dosage and mode of administration of drugs.
3. Action and fate of drugs in body.
4. Drug addiction, tolerance and hypersensitivity reactions.
5. Drugs action CNS.
6. General and local anesthetics, hypnotics, analeptics, tranquilizers.
7. Chemo therapeutics and antibiotics.
8. Analgesics and antipyretics.
9. Antitubercular and antisyphilitic drugs.
10. Antiseptics, Sialogogues and antisialogogues.
11. Haematinics.
12. Antidiabetics
13. Vitamins A, B-complex, C,D,E,K.

PAPER- II : Minor Oral Surgery and Trauma

PRINCIPLES OF SURGERY:

Developing a surgical diagnosis, basic necessities for surgery, aseptic technique, incisions, flap design tissue handling haemostasis, dead space management, decontamination and debridement, suturing, oedema control, patient general health and nutrition.

MEDICAL EMERGENCIES:

Prevention and management of altered consciousness (syncope orthostatic, Hypotension, seizures, chest discomfort and respiratory difficulty.

1. EXAMINATION AND DIAGNOSIS:

Clinical history, physical and radiographic, clinical and laboratory diagnosis, oral manifestation of systemic diseases, implications of systemic diseases in surgical patients.

2. HAEMORRHAGE AND DIAGNOSIS:

Applied physiology, clinical abnormalities of coagulation, extra vascular hemorrhagic lesions, management of secondary hemorrhage, shock

3. EXODONTIA:

Principles of extraction, indications and contraindications, types of extraction, indications and contraindications, types of extraction, complication and their management, principles of elevators and elevators used in oral surgery.

4. IMPACTION

Surgical anatomy, classification, indications and contraindications, diagnosis, procedures, complications and their management.

5. SURGICAL AND ERUPTION OF TEETH :

Surgical exposure of unerupted teeth, surgical repositioning of partially erupted teeth.

6. TRANSPLANTATION OF TEETH

7. SURGICAL ENDODONTICS :

Indications and contraindications, diagnosis, procedures of peri-radicular surgery.

8. PREPROSTHETIC SURGERY :

Requirements, types (Alveoloplasty, Tuberosity reduction, Mylohyoid ridge reduction, Genial reduction, Removal of exostosis, Vestibuloplasty).

9. PROCEDURE TO IMPROVE ALVEOLAR SOFT TISSUES :

Hyper mobile tissue-operative / sclerosing method epulis fissuratum, frenectomy and frenotomy.

10. INFECTION OF HEAD AND NECK:

Odontogenic and non-odontogenic infections, factors affecting spread of infection.

11. CHRONIC INFECTION OF THE JAWS :

Osteomyelitis (Types etiology, pathogenesis, management) osteoradionecrosis.

12. MAXILLARY SINUS:

Maxillary sinusitis - types, pathology, treatment, closure of Oro-antral fistula, Caldwell-Luc operation.

13. CYST OF OROFACIAL REGION:

Classification, diagnosis, management of odontogenic and odontogenic cysts, ranula.

14. NEUROLOGICAL DISORDERS OF THE MAXILLOFACIAL REGION:

Diagnosis and management of trigeminal neuralgia, MPDS, Bell's palsy, Frey's syndrome, nerve injuries.

15. IMPLANTOLOGY (Conventional & Basal Implants)

Definition, classification, indications and contraindications, advantages and disadvantages, surgical procedures.

16. ANESTHESIA :

LOCAL ANESTHESIA :

Classification of local anesthetic drugs, mode of action, indications and contraindications, advantage and disadvantage, techniques, complication and their management.

GENERAL ANESTHESIA:

Classification, stages of GA, mechanism of action, indications and contraindications, advantage and disadvantages, post anesthetic and emergencies, anesthetic for dental procedure in general, Pre Medication, conscious sedation, legal aspects for GA.

17. TRAUMA

18. SURGICAL ANATOMY OF HEAD AND NECK

19. ETIOLOGY OF INJURY

20. BASIC PRINCIPLES OF TREATMENT

21. PRIMARY CARE

Resuscitations, establishment of airway, management of head injuries of airway, management of hemorrhage, management of head injuries and admission to hospital.

22. DIAGNOSIS :

Clinical, radiological.

23. SOFT TISSUE INJURY OF FACE AND SCALP:

Classification, management of soft tissue wounds, injuries to structure requiring special treatment.

24. DENTOALVEOLAR FRACTURES:

Examination and diagnosis, classification general principles of treatment, prevention.

25. MANDIBULAR FRACTURES :

Classification, examination and diagnosis, general of treatment, complication and their management.

26. FRACTURE OF ZYGOMATIC COMPLEX:

Classification, examination and diagnosis, general principles of treatment, complication and their management.

27. ORBITAL FRACTURES:

Blow out fracture.

28. NASAL FRACTURES

29. FRACTURES OF MIDDLE THIRD OF FACIAL SKELETON:

Emergency care, fracture of maxilla and treatment of Le Fort I, II, III, fractures Naso-orbital-ethmoidal region.

30. OPHTHALMIC INJURIES :

Minor injuries, non-perforating injuries, perforating injuries, retro-bulbar hemorrhage and traumatic optic neuropathy.

31. TRAUMATIC INJURIES TO FRONTAL SINUS

32. MAXILLOFACIAL INJURIES IN GERIATRIC AND PEDIATRIC PATIENTS

33. GUNSHOT WOUNDS AND WAR INJURIES

34. OSSEointegration in MAXILLOFACIAL RECONSTRUCTION

35. METABOLIC RESPONSE TO TRAUMA:

Neuro-endocrine response, inflammatory mediators, clinical implication.

36. HEALING OF TRAUMATIC INJURIES

Soft tissues, bone, cartilage, response of peripheral nerve to injury.

37. NUTRITIONAL CONSIDERATION FOLLOWING TRAUMA

38. TRACHEOSTOMY :

Indications and contraindications, procedure, complications and their management.

PAPER III : MAXILLOFACIAL SURGERY

a) Salivary Gland

Sialography.

Salivary fistula and management.

Diseases of salivary gland-development disturbances, cysts, inflammation and sialolithiasis.

Mucocele and Ranula.

Tumors of salivary glands their management.

Staging of salivary tumours.

Parotidectomy.

b) Temporomandibular joint

Etiology, history signs, symptoms, examination and diagnosis of temporomandibular joint disorders.

Ankylosis and management of the same with different treatment modalities.

MPDS and management.

Condylectomy-different procedures.

Various approaches to TMJ.

Recurrent dislocations-Etiology and Management.

c) Oncology

Biopsy.

Management pre malignant tumors of head and neck region.

Benign and Malignant tumors of head and region.

Staging of oral cancer and tumor markers.

Management of oral cancer.

Radical neck dissection / Modified RND / Selective NRCR Dissection.

Modes of spread of tumors.

Diagnosis and management of tumors of nasal, paranasal, neck, tongue, cheek, maxilla and mandible.

Radiation therapy in maxillofacial regions.

Lateral neck swelling

d) Orthognathic surgery

Diagnosis and treatment planning.

Cephalometric analysis.

Maxillary and mandibular repositioning procedures.

Segmental osteotomies.

Management of apertognathia.

Genioplasty.

Distraction osteogenesis.

e) Cysts and tumor of oro facial regions

Odontogenic and non-Odontogenic tumors and their management.

Giant cell lesions of jawbone.

Fibro osseous lesions of jawbone.

Cysts of jaw.

f) Laser Surgery

The application of laser technology in surgical treatment of lesions.

g) Cryosurgery

Principles, applications cryosurgery in surgical management.

h) Cleft lip and palate surgery

Detailed knowledge of the development of face, head and neck.

Diagnosis and treatment planning.

Current concepts in management of cleft lip and palate deformity.

Knowledge of naso endoscopy and other diagnostic techniques in the evaluation of speech and hearing.

Concept of multidisciplinary team management.

I) Aesthetic facial surgery

Detailed knowledge of the structures of face and neck including skin and underlying soft tissue.

Diagnosis and treatment planning of deformities and conditions affecting facial skin.

Underlying facial muscles, bone, eyelids, external.

Surgical management of post acne scarring, facelift, blepharoplasty, otoplasty, facial bone recontouring, etc.

II) Craniofacial Surgery

Basic Knowledge of developmental anomalies of face, head and neck.

Basic concepts in diagnosis and planning of various head and neck anomalies including facial clefts, craniosynostosis, syndromes, etc.

Current concept in the management of craniofacial anomalies.

QUOTA (MINIMAL REQUIREMENT)

This is to inform all PG students of the department that they have to complete the following list of requirements by the end of the PG final year, failing which the candidate will not be permitted to appear for the final year university examinations under any circumstances.

1st year PG'S

Wiring Exercises

Suturing ExercisesX

Ray Tracing

Extractions

Each Student (All Years) - 5 Journal Clubs per year

Each Student (All Years) - 5 Seminars per year

Each Student (All Years) - 10 Clinical case presentations per year

Two Paper Presentations or one paper + one poster presentation in national conference.

Submission of the Final Dissertation (Thesis) by the end of the first half of the final year.

By the end of final year following should be done (Minimum Quota)

Impactions	:	50 per candidate
Transalveolar extraction	:	20 per candidate
Conventional implant	:	5 per candidate
Cortico-basal implant	:	20 per candidate
Facial Esthetic Procedures	:	5 per candidate

CLINICAEXAMINATION

A. Theory 100+300 Marks

Written examination shall consist of one paper at the end of Year one and three papers at the end of Year three and each paper will be conducted for three hours. Total marks for each paper will be 100.

MDS Part I

Exam consists of ten short notes each carrying 10 marks totally for 100 marks.

MDS Part II

Paper I and II shall consist of two long questions carrying 20 marks each and 6 shortessay questions each carrying 10 marks.

Paper III will be two essay questions for 50 marks each. Out of three essays, two has to be answered. Questions on recent advances will be asked in this paper.

Distribution of topics for each paper will be as follows.

MDS – Part I exam

PAPER-I: Applied Basic sciences, Applied full body Anatomy, Physiology, Biochemistry, General and Oral Pathology and Microbiology and Pharmacology.

MDS- Part II exams

PAPER-I : Minor Oral Surgery and Trauma

PAPER-II: Maxillofacial Surgery

PAPER-III : Essay

ALLOTMENT OF MARKS

B. Practical / Clinical Examination : 200 Marks

1. Minor Oral Surgery - 100 Marks

Each candidate is required to perform the minor oral surgical procedures under local anesthesia. The minor surgical cases may include removal of impacted lower third molar, cyst enucleation, any similar procedure where students can exhibit their professional skills in raising the flap, removing the bone and suturing the wound.

- 2. a) One long case - 60 Marks
- b) Two short cases - 20 Marks each

C. VIVA VOICE

II. Viva-Voice examination: 80 Marks

All examiners will conduct viva-voice conjointly 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.

III. 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.

I YEAR - TIME TABLE

DAY	9 AM- 10.00AM	10.00AM- 12.30PM	12.30PM-1.30 PM	1.30 PM- 2.00 PM	2.00 PM – 3.30 PM
MONDAY*	Ward Rounds	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Basic Sciences Lecture class **
TUESDAY	Seminar/Journal Club (9-10.30 am) / Review Meeting/ Ward Rounds	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Basic Sciences Lecture class
WEDNESDAY	OT Day Ward Rounds	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Basic Sciences Lecture class
THURSDAY	OT Day Ward Rounds	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Basic Sciences Lecture class
FRIDAY***	Seminar/ Journal Club (9-10.30 am) / Ward Rounds	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Research Methodology class / Biostatistics Theory class
SATURDAY	Book Reading/ Research Hours (9 -10 am) / Ward Rounds	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery

* Oral cancer Awareness campaign will be conducted once on Monday of first week of the month.

**Students have to go to Vinayaka Mission's Kirupanandavariyar Medical college for Basic sciences lecture classes on scheduled dates and time

*** Tumor Board meeting will be conducted on Second Friday of every month#

Research Methodology classes will happen on Every Friday of every month.

Peripheral posting will start in the last four months of First Year

First & Third Saturday of every month are Research Hours.

II

YEAR-TIME TABLE

DAY	9 AM - 10.00AM	10.00AM- 12.30PM	12.30PM-1.30 PM	1.30 PM- 2.30 PM	2.30 PM- 3.30 PM
MONDAY*	Ward Rounds	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery
TUESDAY	Seminar/Journal Club (9-10.30 am) / Review Meeting/Ward Rounds	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Library Hours
WEDNESDAY	OT Day Ward Rounds	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery
THURSDAY	OT Day Ward Rounds	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery
FRIDAY**	Seminar/ Journal Club (9-10.30 am) / Ward Rounds	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery
SATURDAY	Book Reading/ Research Hours (9 -10 am) / Ward Rounds	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery

* Oral cancer Awareness campaign will be conducted once on Monday of first week of the month.

** Tumor Board meeting will be conducted on Second Friday of every month Students will go to Peripheral posting for two months in Second Year on rotation basis# First & Third Saturday of every month are Research Hours

III

YEAR - TIME TABLE

DAY	9 AM-10.00AM	10.00AM- 12.30PM	12.30PM - 1.30 PM	1.30 PM - 2.30 PM	2.30 PM – 3.30 PM
MONDAY*	Ward Rounds	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Library Hours
TUESDAY	Seminar/Journal Club (9-10.30 am) / Review Meeting/ Ward Rounds	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery
WEDNESDAY	OT Day Ward Rounds	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery
THURSDAY	OT Day Ward Rounds	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery
FRIDAY**	Seminar/ Journal Club (9-10.30 am) / Ward Rounds	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery
SATURDAY#	Book Reading/ Research Hours (9 -10 am) / Ward Rounds	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery	Case Discussion & Minor Oral Surgery

* Oral cancer Awareness campaign will be conducted once on Monday of first week of the month.

** Tumor Board meeting will be conducted on Second Friday of every month# First & Third Saturday of every month are Research Hours

LIST OF INSTRUMENTS – MINOR ORAL SURGERY

Instruments	Number
Mouth Mirror	2
Straight Probe	2
Explorer	2
Tweezer	2
Kidney Tray	2
Green Cloth	2
Patient Apron	2
Steel Bowl	1
Periosteal elevator	1
Austin Retractor	1
Sinus Forceps	1
BP Handle	1
Bone Rongeur	1
Bone File	1
Curved Artery forceps	1
Mosquito forceps- Straight	1
Mosquito forceps- Curved	1
Needle Holder	1
Scissors	1
Adson's Toothed Forceps	1
Allies Tissue Holding Forceps	1
Straight Hand Piece	1
Micromotor	1
Burs -702,703	5 each
Wire Cutter	1
Wire Twister	1