



# **SRI RAMACHANDRA**

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## **DENTAL CENTRE**

**Sri Ramachandra Dental Center, Chennai-600116**

**Fellowship Program in Maxillofacial Prosthetics**

**Course Details:**

**1. Name of the Program: Fellowship program in Maxillofacial Prosthetics**

- **Qualification** : MDS Prosthodontics
- **Number of seats** : 3
- **Course Duration** : 1 year module-based program (5 modules)
- **Course Fee** : Rs.1,50,000 (One lakh and fifty thousand only) + 18 % GST applicable.
- **Stipend** : Nil.
- **Training timings** : 9.00 AM - 4.00 PM
- **Attendance requirement for examination: 90%**

Last date for submitting application: November 10<sup>th</sup> 2023

Training commences: November 23<sup>rd</sup> 2023.

Those interested may kindly submit the prescribed application form to below address

**Address for communication:**

The Medical Superintendent (Dental)  
Sri Ramachandra Dental Center, Porur, Chennai-600116  
Phone – 044 – 24768027; Extn: 8261 (8a.m to 4 p.m.)

Website: [www.sriramachandra.edu.in](http://www.sriramachandra.edu.in)  
Email: [ms.dental@sriramachandra.edu.in](mailto:ms.dental@sriramachandra.edu.in)

Contact Person: Dr Uma Maheswari: 9940663913

**Sri Ramachandra Dental Center, Chennai-600116**

**Fellowship Program in Maxillofacial Prosthetics**

**Application Form: 2023-24 session**

<b>S.NO</b>	<b>Candidate Details</b>	<b>Information</b>
1.	Name of Candidate (BLOCK letters- as given in provisional/ degree certificate)	
	Expand the Initials	
	Complete Address (District / State / Pincode)	
	Communication Address (District / State / Pincode)	
	Phone No: Landline Number:  Mobile Number:	
	E-mail ID	
	Father/ Husband's Name:	
	Mother's Name:	
	Contact Number of Parent	
2.	Gender of Candidate	Male/ Female
3.	Date of Birth [ DD/MM/YY ] / Age (yrs)	

4.	Place of Birth	
5.	DCI registration Number (Please enclose certificate)	
6.	Qualifying Examination (please provide self- attested copies of the provisional/ degree certificates)	BDS/ MDS
7.	Name and address of the Dental College and Affiliated University Undergraduate:  Post graduate:	
8.	Whether college or course is recognized by DCI	Yes/ No
9.	Whether the candidate has passed the exams on the first attempt  Undergraduate:  Post graduate:	Yes/ No. If no Mention the number of attempts. If yes write NA below
10.	Papers/ Posters Presented (mention number only and provide copy as attachment)  Undergraduate:  Post graduate:	
11.	Publications (mention number only and provide copy as attachment)	
12.	Any other advanced training attended (mention number only and provide copy as attachment)	

## **DECLARATION BY THE CANDIDATE**

I declare that the information furnished by me herein are true and correct. In case any information furnished herein is found to be incorrect or any document is found to be not genuine, I agree to forego my claim for admission and abide by the decision of the Sri Ramachandra Dental Centre authorities.

I further declare that I have read the prospectus furnished with the application form fully and understood the contents therein clearly and I hereby undertake to abide by the conditions prescribed therein. I undertake to abide by the Rules and Regulation of Sri Ramachandra Dental Centre.

Place:

Signature of the Candidate

Date:

Name:

**Checklist of Documents: (Copies to be sent as attachment along with application form)**

<b>S. NO</b>	<b>Document</b>	<b>Provided (sent as attachment).</b> <b>Please tick as applicable.</b>
1.	BDS Degree Certificate	Yes/ No
2.	MDS Degree certificate	Yes/ No/ NA
3.	DCI registration certificate	Yes/ No
4.	Papers/ Poster presentation certificate	Yes/ No
5.	Publications	Yes/ No
6.	Advanced Training	Yes/ No

***Submit online Application (with attachments) to***

The Medical Superintendent (Dental),  
Sri Ramachandra Dental Centre, Porur, Chennai – 600 116.

**Email: [ms.dental@sriramachandra.edu.in](mailto:ms.dental@sriramachandra.edu.in)**

**With copies marked to**

[dean.dental@sriramachandra.edu.in](mailto:dean.dental@sriramachandra.edu.in)  
[vc@sriramachandra.edu.in](mailto:vc@sriramachandra.edu.in)  
[registrar@sriramachandra.edu.in](mailto:registrar@sriramachandra.edu.in)

***Regulations and Syllabus are enclosed below for reference.***

**Regulations and Syllabus for**  
**Fellowship in “Maxillofacial Prosthetics”**

**INTRODUCTION AND RELEVANCE:**

Maxillofacial prosthodontics is a specialty of Prosthodontics that is evolving and the number of beneficiaries requiring this treatment is constantly increasing, which necessitates this skill to be essentially learnt by every specialist Prosthodontist. Maxillofacial prosthetic clinic in SRIHER (DU) has been treating patients with maxillofacial defects since 2007. Unlike the other beneficiaries who seek this department for teeth replacement, these patients who are treated with maxillofacial prosthesis form a unique and a rare group who either acquire these defects due to cancer, trauma, infection or they have these defects since their birth. Over fourteen years, these challenges were effectively handled and patients were rehabilitated with our trained faculty in Department of Prosthodontics, SRDC and Hospital, SRIHER (DU). The clinic has treated over 800 patients with rare defects of oral cavity, face, ear, nose, finger, toe and eyes. In addition to prosthetic rehabilitation the clinic has been instrumental in effective follow up of these patients for years when they required a corrective treatment.

The department has educated and trained the postgraduates over fourteen years to treat these patients with confidence and precision. The interns were sensitized and educated to observe the rehabilitation of these patients and they were taught a basic hands-on course as a part of intern Career Enhancement that will assist them in clinical practice.

The technical innovations and clinical research done while treating these patients have been documented and published in various indexed national and international journals. Over 50 papers have been published. Owing to the overwhelming response to the rehabilitation efforts undertaken, the college had recommended a provision for an exclusive Maxillofacial Prosthetic Clinic. Thereafter the department initiated interdisciplinary approach in treating patients who required prosthesis for oral, extraoral and other defects. This prospective approach aimed at improving their Quality of Life by imparting nutritional counselling, care for speech, swallowing and psychological well-being. In conjunction with this, an interdisciplinary MOU has been officially initiated with other specialties in SRIHER (DU).

With the growing need for maxillofacial prosthetic rehabilitation day by day, prosthodontist with expertise in this subspecialty will facilitate an accessible and predictable treatment to patients with special needs across the globe. Hence well-structured fellowship training in the field of maxillofacial prosthetics is the need of the hour. This training will impart an effective interdisciplinary approach inculcating knowledge, skill and attitude in treatment planning and execution. This course is for Dental specialists who have completed MDS in prosthodontics who wish to enhance their knowledge, clinical and laboratory techniques in management of patients with maxillofacial defects.

**Aim:**

To acquire knowledge, skill and attitude in fabrication of intraoral, extraoral and supportive prosthesis for patients with maxillofacial defects.

**Objectives:**

1. To understand the need for maxillofacial prosthetics.
2. To differentiate the type of maxillary and mandibular defects and their etiology.
3. To examine and elicit clinical findings in patients with intraoral and extraoral defects.
4. To assist in decision making in treatment planning.
5. To perform laboratory procedures involved in fabrication of the intraoral and extraoral prosthesis.
6. To observe, assist and perform clinical procedures for extraoral and intraoral prosthesis.
7. To assist in patient counselling procedures, recall and documentation.

**ELIGIBILITY**

Candidate for admission to the Fellowship Program Maxillofacial Prosthetics in Dentistry shall be required to possess the following qualifications:

- (a) He/she must have qualified for the MDS (Master in Dental Surgery) in Prosthodontics from this University or of any other University recognized as equivalent thereto by the authority of this University and the Dental Council of India and obtained permanent registration from any of the State Dental Councils.
- (b) The admitting authorities of the Sri Ramachandra Dental Hospital will strictly ensure that every candidate admitted to the Fellowship Program in Maxillofacial Prosthetics in Dentistry has obtained permanent registration certificate from any one of the State Dental Councils.

**DURATION OF THE COURSE:**

- a. The period of certified study and training for the Fellowship Program in Maxillofacial Prosthetics shall be ONE academic year for the award of Fellowship certificate.
- b. No exemption shall be given from the period of study and training.

## **COMMENCEMENT OF THE COURSE:**

The academic year for the Fellowship Program in Maxillofacial Prosthetics would ordinarily, commence from November 23<sup>rd</sup> 2023.

## **CUT-OFF DATES**

The candidates admitted from November 2023 shall take up their regular examinations at the end of the academic year.

## **COMMENCEMENT OF EXAMINATIONS**

There shall be a formative assessment during the course of the fellowship and a summative assessment at the end of the fellowship. The assessment during the course of fellowship will be for 50 marks and will be used for formative assessment. The examination after the Fifth module will be the final examination for 200 marks and will be used for summative assessment.

## **ATTENDANCE REQUIREMENT FOR ADMISSION TO EXAMINATION**

No candidate shall be permitted to appear for the Examination unless he/she puts in 90% attendance during his/her period of study and training and produces the necessary certificate of study, attendance and progress from the Course Director.

## **CONDONATION OF LACK OF ATTENDANCE**

There shall be no condonation of lack of attendance for students of the Fellowship Program. (90 %)

## **NUMBER OF APPEARANCES**

A candidate registered for the Fellowship Program in Maxillofacial Prosthetics must qualify in the examination with two consequent attempts from the date of his/her admission, failing which he/she shall be discharged from the course.

## **MAINTENANCE OF LOG BOOK**

1. Every Fellow shall maintain a record of skills he/she has acquired during the training and certified by the Course Director/ Faculty of Departments under whom he/she has undergone training.
2. In addition, the Course Director shall Group Discussions, clinical and Laboratory demonstrations in fabrication of maxillofacial prosthesis.
3. Every Fellow should be encouraged to present short title papers in conferences and to make improvements on it and submit them for publication in reputed dental journals.
4. The Course Director shall scrutinize the logbook once at end of every module.
5. The log book should be submitted at the time of clinical/practical examination for the scrutiny of the Board of Examiners.



## AWARD OF CERTIFICATE

Certificate will be awarded duly signed by Course Director of the Fellowship program and Medical Superintendent [Dental] of Sri Ramachandra Dental Hospital. **This program does not come under the purview of Dental Council of India and is not an additional registerable qualification with the Dental Council of India**

### SCHEME OF EXAMINATION CONDUCTED AT THE END OF THE PROGRAM

1. Clinical skill: Practical examination - 100 marks
2. Theory Paper – 100 marks
  - a. One Long Essay                      20 marks
  - b. Eight Short Essays                      10 marks each
3. Total Marks: Practical's and Theory - 200 marks.
4. Formative assessment of 50 Marks will be conducted during the fellowship module.

### FELLOWSHIP IN “MAXILLO-FACIAL PROSTHETICS” SCHEME OF EXAMINATION

PAPER	PATTERN	MAXIMUM MARKS	TOTAL MARKS	PASSING MINIMUM
Theory	Essay: 20 marks Short Essays: 80 marks	100	100	50

**Aggregate passing minimum: 50/100**

## **SYLLABUS**

The trainee will be expected to have in-depth knowledge in the following areas:

1. Introduction and Terminologies in to Maxillofacial Prosthetics.
2. Acquired Maxillary defects and Rehabilitation.
3. Rehabilitation of Cleft Lip and Palate and Other Craniofacial Anomalies.
4. Rehabilitation of Mandibular defects.
5. Rehabilitation of Soft Palate Defects.
6. Rehabilitation of Facial Defects.
7. Radiation and Chemotherapy in Maxillofacial Prosthetics.
8. Nutrition Consideration in patients rehabilitated with Maxillofacial Defects.
9. Psychosocial Perspectives on the Care of Head and Neck Cancer Patients.
10. Speech and swallowing considerations in patients rehabilitated with Maxillofacial Prosthetics.
11. Recent Advances in Maxillofacial Prosthodontics.

## **RESEARCH**

- a) Innovative approach to clinical problems.
- b) Willingness to assess evidence-based practice.
- c) Understanding of clinical trials.
- d) Cytotoxicity studies on materials used for maxillofacial prosthetics.
- e) Attendance at research orientated national meetings.
- f) To publish technical innovations in peer reviewed journal.

## **TEXTBOOKS**

- A. Maxillofacial Rehabilitation - John Beumer III, Thomas A. Curtis, Mark T. Marunick
- B. Clinical Maxillofacial Prosthetics- Thomas D Taylor
- C. Prosthetic Rehabilitation of the Facial and Bodily disfigured patient by Keith F Thomas
- D. Maxillofacial prosthetics: Multidisciplinary practice by Varoujan A. Chalian, Joe B. Drane, S. Miles Standish

## **Databases and Search Engines**

- PubMed
- Medline
- Scopus
- Web of Science

## SCHEME OF TRAINING PROGRAM

<u>Program details</u>	<u>Modules</u>	<u>Tentative dates</u>
<p><b><u>Knowledge</u></b></p> <p>➤ <u>Lectures</u></p> <ol style="list-style-type: none"> <li>1. Introduction to Maxillofacial Prosthodontics – Overview.</li> <li>2. Acquired maxillary defects.</li> <li>3. Acquired mandibular defects.</li> <li>4. Velopharyngeal function and soft palate defects.</li> <li>5. Surgical considerations in Prosthetic rehabilitation.</li> <li>6. Radiation and chemotherapy in Head and Neck Tumours.</li> </ol> <p><b><u>Skill</u></b></p> <p>➤ <u>Laboratory skill</u></p> <ul style="list-style-type: none"> <li>▪ Identification and Impression making in standardized model for maxillary defects.</li> <li>▪ Definitive cast fabrication.</li> </ul> <p>➤ <u>Clinical skill</u></p> <ul style="list-style-type: none"> <li>▪ Observation of Case history and documentation.</li> <li>▪ Observation of clinical procedures for rehabilitation of maxillofacial defects.</li> </ul> <p>➤ <u>Research skill development</u></p> <ul style="list-style-type: none"> <li>▪ Case report and article discussion</li> </ul>	Module I	23.11.2023-29.11.2023
<p><b><u>Knowledge</u></b></p> <p>➤ <u>Lectures</u></p> <ol style="list-style-type: none"> <li>1. Immediate and Delayed surgical obturator – Overview and Prosthesis fabrication</li> <li>2. Interim obturator - Overview and Prosthesis fabrication</li> <li>3. Definitive obturator - Overview and Prosthesis fabrication</li> <li>4. Prosthesis for mandibular defects.</li> <li>5. Interdisciplinary approach to rehabilitating a patient with maxillofacial defect.</li> </ol> <p><b><u>Skill</u></b></p> <p>➤ <u>Laboratory skill development</u></p> <ul style="list-style-type: none"> <li>▪ Fabrication of Immediate and Delayed surgical obturator on model.</li> <li>▪ Fabrication of Definitive obturator on model.</li> </ul> <p>➤ <u>Clinical skill development</u></p> <ul style="list-style-type: none"> <li>▪ Case history documentation.</li> <li>▪ Assisting clinical procedures for rehabilitation of intra-oral defects.</li> <li>▪ Performing impression making for surgical obturator and delivery of the same.</li> <li>▪ Assisting in patient counselling and supportive therapy.</li> </ul> <p>➤ <u>Research skill development</u></p> <ul style="list-style-type: none"> <li>▪ Case report and article discussion</li> </ul>	Module II	22.1.2024-29.1.2024

<p><b><u>Knowledge</u></b></p> <p>➤ <u>Lectures</u></p> <ol style="list-style-type: none"> <li>1. Design consideration for definitive obturator.</li> <li>2. Design consideration for prosthetic rehabilitation of Mandibulectomy defect.</li> <li>3. Dental implants for intra-oral defects – Surgical consideration.</li> <li>4. Implant supported rehabilitation of intra-oral defects.</li> <li>5. Prosthesis for velopharyngeal defect.</li> </ol> <p><b><u>Skill</u></b></p> <p>➤ <u>Laboratory skill development</u></p> <ul style="list-style-type: none"> <li>▪ Assisting in design and fabrication of an obturator for a clinical case.</li> <li>▪ Fabrication of prosthesis for soft palate defects in model.</li> </ul> <p>➤ <u>Clinical skill development</u></p> <ul style="list-style-type: none"> <li>▪ Performing impression making for definitive obturator and subsequent clinical procedures.</li> <li>▪ Assisting in clinical procedure for maxillofacial prosthesis.</li> </ul> <p>➤ <u>Research skill development</u></p> <ul style="list-style-type: none"> <li>▪ Case report and article discussion</li> </ul>	Module III	18.3.2024 -23.3.2024
<p><b><u>Knowledge</u></b></p> <p>➤ <u>Lectures</u></p> <p>Extra oral defects</p> <ol style="list-style-type: none"> <li>1. Etiology and types</li> <li>2. Material science</li> <li>3. Technical consideration for prosthesis fabrication – Nasal, Ocular and Orbital</li> <li>4. Technical consideration for prosthesis fabrication – Auricular, facial and miscellaneous</li> <li>5. Supportive prosthesis</li> <li>6. Implants for extraoral prosthesis.</li> </ol> <p><b><u>Skill</u></b></p> <p>➤ <u>Laboratory skill development</u></p> <ul style="list-style-type: none"> <li>▪ Fabrication of an extraoral prosthesis on a standardized model.</li> </ul> <p>➤ <u>Clinical skill development</u></p> <ul style="list-style-type: none"> <li>▪ Case history and documentation for an extraoral rehabilitation case.</li> <li>▪ Assisting in clinical and laboratory procedure.</li> <li>▪ Performing impression making for auricular prosthesis and facial moulage.</li> </ul> <p>➤ <u>Research skill development</u></p> <ul style="list-style-type: none"> <li>▪ Case report and article discussion</li> </ul>	Module IV	20.05.2024-25.05.2024

<p><b><u>Knowledge</u></b></p> <p>➤ <u>Didactic Lectures and Interactive session</u></p> <ol style="list-style-type: none"> <li>1. Recent advances in maxillofacial prosthodontics.</li> <li>2. Presentation of clinical work and panel discussion.</li> </ol> <p><b><u>Skill</u></b></p> <p>➤ Hands-On workshop on implants for auricular prosthesis.</p> <p>➤ Inter-department observation and Ward visits.</p> <p>➤ Patient recall and review.</p>	<p>Module V</p>	<p>15.07.2024-20.07.2024</p>
<p><b>Summative Assessment</b></p>	<p>July 2024</p>	