

**THE TAMIL NADU Dr.MGR MEDICAL UNIVERSITY, CHENNAI**  
**FELLOWSHIP IN DENTAL IMPLANTOLOGY**

**Infrastructure/Staff Requirements** :

Name of the Institution/Hospital :

Name of the Trust / Society :

Date of Inspection :

Address of the Institution

(with E-mail, Fax No.,  
Tel.Nos. & Mobile No.) :

Name of the Inspection Team

(Convenor and Members)

with their address :

Institution/Department should be

in existence for a minimum period :

of five years

Specifications	Requirements	Available	Recommendations
Name of the Course Director	i. Post-graduate Degree in the field of Oral Surgery /Periodontics / Prosthodontics with minimum 5 years teaching or clinical experience in the concerned specialty. ii. With at least 2 publications in Index Journals iii. Full time Faculty iv. Must have attended a Specialty Conference in Implant Dentistry. v. Must have extra proficiency in Implantology in the form of International or National key-note lectures, conducting workshops, training programmes, examinership,		

	published research work etc. in Implantology, Surgery or Prosthetics.		
Teaching Faculty	<p>i. The Teaching Faculty (2 nos.) M.D.S. in the specialities of Oral Surgery /Periodontics /Prosthodontics EXCLUDING the speciality of the course Director</p> <p>ii. Part-time permitted</p> <p>iii. Must have attended a Specialty Conference in Implant Dentistry .</p>		
Administrative Staff	<p>i. Front office Staff -1</p> <p>ii . Dental Chair side Assistant.-3</p> <p>iii. Radiographer/Dark Room Assistant-1</p> <p>iv. Dental Lab Technician -1(or tie up with the Dental Lab less than two kilometers away)</p>		
Out Patient	General Out patients - 30 per day		
Equipments	Enclosed		
<b><u>Built-up Area</u></b>	Enclosed		
Multi Media			
Library	Minimum – 10 Books on Implantology Dentistry and 2 books in Basic Sciences. 4 national or 2 International Journals and Internet Connection.		
Laboratory/ Skills Lab	Enclosed		
Maximum Intake of students	To start the course – Maximum permission 3 students. Increase of seats to a maximum of 6 students will be permitted only on completion of the first batch._		
Registration Details			

Signature of the Inspection Team with name  
and date

## **INFRASTRUCTURE**

All infrastructure given is for three students. This must be increased proportionate to increase in seats.

### **A. BUILT-UP AREA**

<b>Infrastructure</b>	<b>Requirement (sq ft)</b>
Administrative Area (Reception, office, Medical Record)	150
Dental Operatory (150x3)	450
Radiology	80
Sterilization Area	40
Waste Disposal Area	10
Amenities (Pantry, Lounge & rest rooms for doctors)	100
Prosthodontics and Dental Material Lab	100
Conservative Lab	100
Seminar Hall and Library	120
<b>Total</b>	<b>1,150</b>

### **B. EQUIPMENTS**

IV Sedation facilities - 1 no.  
Physiodispenser - 1 no  
Implant Hand piece - 2 nos.  
High speed contra-angled and straight handpiece - 2 nos  
Micromotor / airmotor attachment - 2 nos  
High speed suction  
Radiograph viewer box  
Specialized implant software (optional)  
OPG and lateral ceph – digital only  
CBCT (optional) and/or medical CT facility  
Minimum 2 different types of implant kits  
Accessory instruments for other procedures viz grafting , condensation tech etc.  
Osteotomes, screws and grafting materials  
ISQ device

i.. Dental Chair and Unit -3 Nos.

Electrically operated, spittoon attachment, Halogen Light with 2 intensity, Air ventury suction, micromotor control light cure 3 way syringe, X-ray viewer, instrument tray  
Dental Operators stool with height adjustment with shadowless lamp, spittoon, 3 way syringe, instrument tray and suction, micromotor, airotor, light cure.

ii. Radiology Equipments

- a. Intra Oral X Ray Unit - 1
- b. RVG Unit - 1
- c. Panoramic X Ray Unit - 1
- d. Lead aprons - 2
- e. Dosimeter Badge - 1

iii. Camera/SLR - 1 Unit

iv. Computer with accessories - 2

v. Sterilization Equipments

- a. Autoclave -1
- b. Vapoclave -1
- c. Ultra Sonic Cleaner -1
- d. Packing and Sealing Unit -1

vi. Hospital waste Disposal

- a. Colour Coded Bins
- b. Needle Destroyer
- c. Mercury Disposal System
- d. Radiology Waste Disposal System.

vii. Specialty Specific Equipments

- a. Bleaching Light Unit
- b. Laser Unit(Diode)

viii. Seminar Hall and Library

- a. LCD Projector,
- b. Computer with necessary accessories and internet facilities
- c. Photo Copier
- d. Scanner
- e. Seating furniture
- f. Cupboard

ix. Laboratory Equipments

- a. Casting Machine - 1
- b. Burn out Furnace - 1
- c. Porcelain furnace with vacuum pump - Metal Ceramic -1
- d. All Ceramic Furnace -1
- e. Ceramic Kit -1
- f. Heavy Duty Lathe - 1
- g. Model Trimmer - 1
- h. Die Cutting Machine & Die Systems - 1
- i. Sand Blaster - 1
- j. Spot Welder - 1

k. Steam Cleaner	- 1
l. Face Bow and Semi Adjustable Articulator	- 1
m. Ceramic Trimming & Finishing Machine	- 1
n. Vacuum Mixing Machine	- 1
o. Vibrator	- 1
p. Milling Machine	- 1
q. Magnifying Work Loupes	- 1
r. Micromotor	- 1
s. Electropolishing Unit	-1
t. Duplicating Unit/ Flasks	-1
u. Composite Finishing Kit	-1
v. Microblaster	
w. Shade Guide	

### **C. INSTRUMENTS**

- a. Facebow and Semi-adjustable articulator
- b. Periotome
- c. Scalpel and Scalpel Blade
- d. Elevator, Rongeurs and extraction forceps
- e. Osteotome kit
- f. Mallet
- g. Implant kit
- h. Bone trap for suction
- i. Screw kit
- j. Implant – prosthetic kit
- k. Surgical Tray: Mouth Mirror, Explorer, Tweezer, Straight probe, Kidney Tray, Scalpel, Scalpel Blade, Periosteal elevator, Soft tissue retractor, Irrigation syringe, Curettes, Hemostat, Straight artery forceps, Curved artery forceps, Tissue holding forceps, Needle holders, Scissors
- l. Surgical burs
- m. Dentulous and edentulous stock trays
- n. Rubber bowls – 2 in no.
- o. Spatula(straight -1 in no. and curved -1 in no.)
- p. Crown cutting burs
- q. Acrylic trimmers
- r. Protective eye glasses

### **D. MATERIALS**

- a. Impression Materials/Model Materials/Waxes
- b. Aesthetic Restorative Materials
- c. Bleaching Materials
- d. Composite Materials – Dual Cure, Single Cure
- e. Denture Materials – Soft reline
- f. Prosthetic components – Cover screws, healing abutments, prosthetic abutments (straight and angled abutments), Impression copings – closed tray and open tray, Implant analogs, Attachment components for over dentures
- g. Grafting materials and Membrane