



COLLEGE OF PHYSICIANS AND SURGEONS OF MUMBAI

**MINIMUM STANDARD REQUIREMENTS (MSR)**

Diploma in Medical Radiology and Electrology

**College of Physicians and Surgeons of Mumbai**

CPS House, Dr. E. Borges Marg, Parel, Mumbai – 400012.

## Diploma in Medical Radiology and Electrology (DMRE)

- 1. Demonstration room:** One demonstration room should be available with overhead projector, LCD and other audio-visual aids.
- 2. Library cum seminar room:** preferably air-conditioned, with a minimum seating capacity of 20 and minimum 80 books, subscription of 2 national and 1 international journal.
- 3. Departmental office:**
- 4. Accommodation for all faculty:**
- 5. Accommodation for other departmental staff:**
- 6. Museum:** One museum (size - 20 square meters) with a good collection of teaching films should be available.
- 7. Bed:** Not Applicable.
- 8. Instruments and equipment:**

Sr. No.	Instrument	Number
1	X ray unit 300 mA	2
2	X ray unit 600 mA with IITV	1
3	CT (minimum 16 slice)	1
4	MRI (minimum 1.5 Tesla)	1
5	Mammogram	1
6	Pressure injector	2
7	Digital X ray unit (Printer, scanner etc)	1 set
8	Conventional X ray dark room unit	1
9	Ultrasonography with Doppler with minimum three probes each (Convex, Superficial and TVS)	2
10	Portable X ray (60 mA / 100 mA)	2

**9. Space:**

Sr. No.	Item	Space requirement (Square meter)
1	X ray unit 300 mA	20
2	X ray unit 600 mA with IITV	20
3	CT (minimum 16 slice)	30
4	MRI (minimum 1.5 Tesla)	30

5	Common console	20
6	Mammogram	12
7	Digital X ray unit (Printer, scanner etc)	12
8	Conventional X ray dark room unit	8
9	Ultrasonography with Doppler with minimum three probes each (Convex, Superficial and TVS)	30

**10. Teaching faculty:**

Each unit should consist of following faculty

- a. Main faculty: A “Unit Head” / “Main faculty (Guide)” must have at least six years of professional standing after acquiring the post-graduate qualification like MD/MS/DNB/FCPS in concerned speciality.

For Government Institutions/Hospitals owned by local bodies [e.g. corporation] faculty on contractual basis is allowed, provided that he/she shall be on full time basis to the affiliated institute. (Supportive documents should confirm the full time status of faculty)

- b. Assistant faculty: An “Assistant faculty” shall have at least four years of professional standing after acquiring the post-graduate qualification like MD/MS/DNB/FCPS in concerned speciality.

For Government Institutions/Hospitals owned by local bodies [e.g. corporation] faculty on contractual basis is allowed, provided that he/she shall be on full time basis to the affiliated institute. (Supportive documents should confirm the full time status of faculty)

- c. Visiting faculty (Desirable): A “Visiting faculty” should be from the same or Allied speciality, preferably having a clinical experience of at least four years.

For Government Institutions/Hospitals owned by local bodies [e.g. corporation] faculty on contractual basis is allowed, provided that he/she should visit the institution at least two times in a week for two hours and also be available to provide his services to the institutions as and when required.

There is no retirement age for faculty provided that he/she should be mentally and physically fit to perform the duties and responsibilities as per the post/position given by affiliated institution.

**11. Clinical material:**

**Investigations**

USG	-	30 per day
Doppler	-	5-6 per day
X-Ray	-	50 per day
Special Investigation	-	3 per day
Mammography	-	3 per day
CT scan	-	8 – 10 per day
MRI	-	5 - 6 per day