

MINIMUM STANDARD REQUIREMENT FOR STARTING A PARAMEDICAL INSTITUTE IN THE STATE OF ASSAM

To obtain No Objection Certificate (NOC) from the Health & F.W. Deptt. Govt. of Assam, the applicant must fulfill this minimum standard requirement.

The requirements are for the following paramedical courses:-

- 1) Diploma in Medical Laboratory Technology (DMLT)
- 2) Diploma in Medical Radiographic Technology (DMRT)
- 3) Diploma in Cardiac Care Technology (DCCT)
- 4) Diploma in Physiotherapy (DPT)
- 5) Diploma in ICU Technology
- 6) Diploma in Emergency and First Aid.
- 7) Diploma in OT Technology (OT + Anaesthesia + Endoscopy)
- 8) Diploma in Dialysis Technician Course

I) GENERAL REQUIREMENT

- A) Name of the Applicant intending to start paramedical institute.
- B) Address (with Phone, Mobile & E-Mail. Etc.) of the Institute.
- C) Building/Land:
If own - document relating to ownership
If rented – Agreement with the owner atleast for 5(five) years. The institute is to be shifted to its own permanent campus within 5(five) years.
- D) Registration – (If under society), Trade Licence (if service laboratory, Physiotherapy Unit etc. are used for commercial purpose)
- E) Financial capability – Financial details of the project.

II) Administrative Block –

- A) Areawise accommodation shall be provided for -

Head of the Institution	–	150 sq.ft.
Office	-	150 sq.ft.
teaching staff	-	250 sq.ft.
Technician	-	200 sq.ft.
Store room	-	150 sq.ft.

- B) **Library** – Total area – 500 sq.ft. with seating arrangement for at least 15 students
Room should be well lighted, well ventilated with proper seating arrangement for reading.

- Should have minimum 5 Nos. of text book for each course and each text book should have two sets.
- Should have minimum 5 Nos. of reference books for each course.
- Two Nos. of recent & back journal for each course.
- Computer with internet facility and copying facility should be there.

C) Lecture theatre – 2(two) Nos.

(One should be minimum 100 seating capacity and another should be 60 seating capacity).

- Should be equipped with LCD projector etc.
- These lecture theatres can be shared by all the department in a programmed manner.

D) Demonstration room – 2 Nos.

- 25 student seating capacity each.

E) Practical laboratory

Size – Minimum 1000 sq.ft. with laboratory preparation room. Laboratory should have continuous working table with wash basins and rack for reagent, glassware etc.

- Laboratory should be well lighted and should have running water supply and alternative power source (UPS, Generator etc.)

F) Physiotherapy room – size – minimum 2000 sq.ft.

- Should have provisions for operating all the necessary instruments. (List of Instrument mentioned in equipment section).

G) Service laboratory – 1 No.

Size – not less than 1000 sq.ft.

- Separate pathology, microbiology & Biochemistry sections
- Common reception counter
- Common venipuncture room
- Should perform all the common laboratory investigation.

H) Hostel

- If institute is residential then separate hostel facilities for male and female students with security arrangement.
- Transport facility should be there if hostel is away from the Institute.

NOTE -

- There should have sufficient space for future expansion
- Institute should have its own hospital or it should be tied up with a well-equipped hospital recognized by AHRA/ Medical College.

III. STAFF PATTERN OF DIFFERENT COURSES –

A) NON TEACHING/OFFICE STAFF:

- Computer-cum-office Asstt. - 1
- Librarian/Lib. Asstt. - 1
- Gr-IV / cleaner - 3
- Lab/practical room assistant - 1

B) TEACHING STAFF:

(No Institute shall be allowed to operate or function without specified teaching staff)

I) Deptt. of Anatomy

Lecturer – 1 MBBS with Postgraduate (PG) qualification (*Part time lecturer may be allowed*)

II) Deptt. of Physiology:

Lecturer – 1 MBBS with Postgraduate (PG) qualification (*Part time lecturer may be allowed*)

- Anatomy & Physiology classes will be common for all the courses.

III) DMLT – (for 10 student admission per year.

Teaching Staff –

- Head of the Deptt. – Minimum qualification, MD (Path) or MD (Micro) or MD Biochemistry) with 2 years working experience
- Lecturer – 1 with 2 years working experience (qualification M.Sc. MLT.)
- Demonstrator - - 2 No. with 2 years working experience(qualification – B.Sc. MLT each).

IV) DMRT –(Diploma in Medical Radiographic Technology).

Teaching Staff –

- Head of the Deptt. - M.D.Radiology with 2 years working experience
- Physicist or M.Sc. Radiological Physics with 1 year working experience – 1 No. (*Part time engagement may be allowed*)
- Lecturer – M.Sc. MRT with 2 years working experience – 1 No.
- Tutor – B.Sc. MRT with 2 years working experience – 1 No.
- Dark room Asstt. – Diploma in MRT/ Certificate holder – 1

V) DCCT –Diploma in Cardiac Care Technology

Teaching Staff –

- Head of the Deptt. – MD in Medicine with 2 years working experience in Cardiology 1 No.
- Lecturer – MBBS with diploma in cardiology –with 2 years working experience – 1 No.
- Tutor – MBBS with training in cardiology or a person having qualification in B.Sc. Cardiac Care Technology with 2 years working experience – 2 Nos.

VI) **Diploma in Physiotherapy –**

Teaching Staff –

- Head of the Deptt. – Master Degree in Physiotherapy with minimum 2 years working experience
- Lecturer – MBBS with 2 years working experience in physiotherapy – 1 No. or MPT degree holder with 2 years working experience – 1 No.
- Tutor – BPT degree holders with 2 years working experience – 2 Nos.

VII) **Diploma in ICU technology –**

Teaching Staff –

- Head of the Deptt.- MD in anaesthesiology with 2 years working experience – 1 No.
- Lecturer – 1 MBBS with working experience in I.C.U.
- Tutor – B.Sc. ICU technology with working experience – 1 No.

VIII) **Diploma in Emergency & First Aid –**

Teaching Staff –

- Head of the Deptt./Institute – MS surgery/ orthopedics with 2 years working experience – 1 No.
- Lecturer MBBS with diploma in emergency medicine – 1 No.
- Tutor – B.Sc. in Emergency & Trauma – 1 No.

IX) **Diploma in OT technology (OT + Anaesthesia + Endoscopy) –**

Teaching Staff –

- Head of the Deptt. - MD in anaesthesiology or MS in Surgery – 1 No.
- Lecturer- MBBS with Diploma in anaesthesiology – 1 No.
- Tutor - B.Sc. OT technology/ B.Sc.Anaesthesia technology – 1 No.

X) **Diploma in Dialysis Technician –**

Teaching Staff –

- Head of the Deptt. - MD Medicine– 1 No.
- Lecturer- MBBS with 2 years working experience in Dialysis unit – 1 No.
- Tutor – Diploma holder in Dialysis Technology with 1 year experience or B.Sc. in dialysis – 2 Nos.

NOTE –

- All the degree/Diploma mentioned in relation to teaching staff should be obtained from recognized University/ Board/ Council or equivalent
- Students of all the courses shall attend the same Anatomy & Physiology classes.
- Student of each course shall undergo a period of 2 years training divided into 4 semesters. Out of these 4 semesters preferably 2nd & 3rd semester (1 year) will be devoted on hands on training.

IV. EQUIPMENTS:

Requirement of various courses:

A) List of General Equipments

- Blood pressure machine, thermometer, pulse oxymeter, ambubag, tourniquette, endotracheal tube, Ryles tube, Folles catheter, Insulin syringe, disposable syringe & needle.

B) For Anatomy

- Skeleton – articulated – 2 Nos.
- Disarticulated bone set – 5 sets.
- Chart, Diagrams, models, slides etc. - sufficient
- Mounted human organs.

C) For Physiology –

- Chart, Diagrame etc.
- Teaching modalities according to prescribed
- Syllabus of affiliating university.

D) For DMLT –

- Binocular microscope as many as Nos. of admission – 10
- Centrifuge machine – 2 Nos.
- Incubator – 2 Nos.
- Hot air oven – 1 No.
- Hemocytometer – 10
- Hemoglobinometer – 10
- Sedimentation apparatus with stand – westergren / wintrobe
- Urinometer – 5 Nos.
- Urine analyser
- Micropipette – 2 set (fixed and variable)
- Rotary microtome –
- Hot plate – 1
- Paraffia embedding bath – 1 No.
- Water bath – 2 Nos.
- Photoelectric colorimeter – 2 Nos.
- Glass slides, cover slip, measuring cylinder, pipette, dropping bottles, reagent bottles, staining racks, different stains, chemicals etc.

E) For Diploma in ICU

- Well equipped I.C.U.

F) For Diploma in OT – (OT+Anaesthesia + Endoscopy)

- Well equipped operation theatre.

G) For DCCT –

- ECG machine
- Echocardiogram
- Cardiac ICU
- Cath laboratory

H) For Diploma in Dialysis Technician –

- Hemodialysis
- Peritoneal dialysis
- Separate ICU facility

I) For DMRT –

- Well equipped radiology Department having facilities like X-ray, CT scan and MRI


J) For Physiotherapy Unit-


- Hot pack unit
- Paraffin wax bath\
- Sample nebulizer
- S.W.D.
- Pulsed S.W.D
- Ultra sounds
- UV lamp\
- Hi Ne laser
- Cold pack unit
- Infrared lamp
- Traction unit
- Traction bed
- Combination therapy unit
- Electrical stimulator

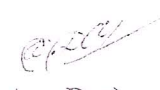
- Parallel bar, wall bar
- Stair case, curb & ramp
- Ergo cycle
- Walkers (adjustable heights)
- Crutches, walking sticks
- Rowing machine, vibrator massager
- Ankle, hand, arm wrist exercises, heel stretcher
- Shoulder abductor ladder, dumbbells
- Finger board, Vestibular balls, grip exercise spring
- A full size mirror etc.

NOTE:-

- This is not an exhaustive list of equipments. The teachers of various courses will use their experiences to equip the department over and above this minimum requirement.
- Offices of all these courses should have adequate furnitures like Chair, Table, Steel Almirah and office items.
- NOS. OF INTAKE EVERY YEAR IN EACH COURSE IS TO BE DETERMINED BY THE GOVT. ON THE BASIS OF REQUIREMENT AND SHOULD REMAIN UNDER SUPERVISION OF GOVT.


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