

**DIPLOMA IN RADIOGRAPHY(430-435)**  
**(X-RAY TECHNICIAN COURSE)**

Study centre/AVI would do the registrations, administer the course and get the students examined by the NIOS for certification. Institutions with the following infrastructure may apply for accreditation.

**1. Basic Infrastructure**

The institution should have the following infrastructure of its own or of a collaborating organization:

Full fledged dark room with accessories.

- One Mobile X-ray machine 60m As/100mAs
- One 300 mAs/500mAs machine with fluoroscopy, preferably with IITV.
- One portable ultrasound machine with minimum two portable ultrasound machine with minimum two probes –3.5MHz and Endocavitary.

**2. Requirement of books related to Radiography:**

The institution should have a minimum of 10 books related to different aspects of radiography like radiation physics, darkroom procedures, positioning and imaging etc.

**3. Space**

There should be one classroom having a capacity of 10-20 (depending on the number of students, the centre intends to admit) with proper lighting and ventilation. A writing board (Black or White) should be provided in the classroom

**4. Educational Technology Equipment**

The institution should have the following equipment;

- Colour TV & VCP/VCR OR
- Multimedia computer
- Audio Cassettes/CD Player
- Over head Projector.

**5. Staff Requirements**

**Coordinator :** - One (generally head of the institution or dept.)

**Teaching staff :** - Minimum two, one each with the following qualifications.

- (i) MBBS, MD(Radio-diagnosis)
- (ii) MBBS with Dip. in Radiation physics.

**Tutor/Technical Staff :** Minimum two with the following qualification:

B.Sc. (Radiography) or Diploma in Radiography with minimum of one year experience of working as technical Asst./Sr. Radiographer in a teaching hospital.

**Dark Room Assistant :** - One with the qualification of High School with Diploma/Cert. in Radiography.

**6. Batch Size :** The batch size for Diploma in Radiography should be a minimum of 10 and a maximum of 20 learners in a year.