

# List of Equipments in the Department of Radiation Oncology

## **Equipment: List of important equipment available and their functional status.**

### **A) Equipment for Teletherapy**

- Give details of the Radiotherapy Unit Stating Type of Unit Linear Accelerator (Electro/Photons), Cobalt Unit/Cesium units/Deep E ray/superficial X ray etc.
- Equipment of radio-surgery with details
- Facilities for intra operative radiotherapy

<b>EQUIPMENT</b>	<b>MAKE</b>	<b>MODEL</b>	<b>REMARKS</b>
E-RT-000277	THERATRONICS	THERATRON PHOENIX	WORKING
E-RT-000278	PANACEA	BHABATRON II	WORKING
G-RA-111317	VARIAN	UNIQUE PERFORMANCE	WORKING
G-RA-111318	VARIAN	TRUE BEAM SVC WITH FFF	WORKING

### **b) Equipment for Brachytherapy : E-RH-132766, VARIAN, GAMMA MED PLUS iX**

Specify whether rate (LDR/MDR/HDR), Manual/Remote, Pre-Loaded/After-Loading/Sources used.

- For Intracavitary Iridium
- For Interstitial IRIDIUM
- For surface moulds Iridium
- For facilities for pre-operative Radiotherapy : AVAILABLE

### **c) Equipment for Treatment Planning: Manual (or) Computerized Treatment Planning System?**

Furnish details of equipment: Eclipse Treatment Planning System for conformal

**D) Facility for patient immobilization (furnish details):** Thermoplastic Immobilisation Device, Vaclock, AIO Board, Head Rest

**E) Facility for casting individualized shielding blocks (furnish details):** Available. Fourteen.

**F) Facility for tissue compensation (furnish details):** Available

### **G) Equipment for department of medical physics.**

- Facilities for Dosimetry Equipment (furnish details):

- a) Radiation Field Analyser(RFA)
- b) Phantom for absolute Dosimetry
- c) D20/10 Phantom
- d) Thimble Ion Chambers (SN600C, SN 125C)~~0.6 cc Ion chamber, 0.125 cc Ion chamber,~~
- e) Edge Detector(SNC125C),
- f) Parallel plate chamber(SNC350P)
- g) Phantom for Relative Dosimetry

- Facilities for Radiation Monitoring (furnish details):

Survey Meter:

Instrument No	Model No	Functional Status
SE-0003973	451B-DE-SI-RYR	WORKING
SE-0120494	RM701N	WORKING
SE-0122991	RAMGENE1,MAKII	WORKING
SE-0122992	RAMGAMI	WORKING

- Facilities for Radiation Protection (furnish details): TLD Badges, Lead Apron, Gamma zone Monitor, T-Rod.
- Facilities for mould room equipment (furnish details): Hot water bath