

## **Atomic Energy Regulatory Board Grants License for operation of Proton Therapy facility, from Radiological safety viewpoint, to ACTREC, Navi Mumbai,**

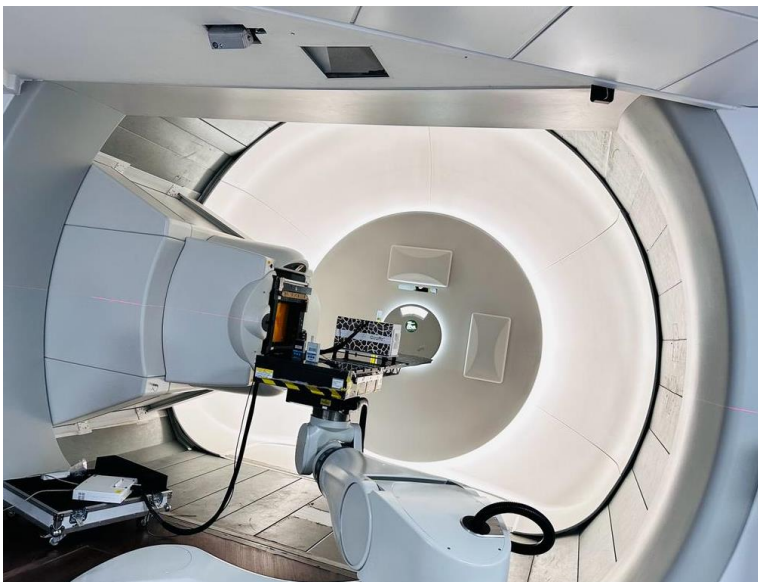
Atomic Energy Regulatory Board (AERB) oversees radiation safety in the use of ionizing radiation in the Country in Medicine, Industry and Research.

AERB has recently issued licence for operation from radiological safety view point to Advanced Centre for Treatment, Research and Education in Cancer (ACTREC) for the operation of Gantry Treatment Room-3 (GTR-3) of proton therapy facility model Proteus Plus, manufactured by Ion Beam Applications (IBA), Belgium. This is the first proton therapy facility in India established in a Government set-up.

Proton Therapy is a cutting-edge treatment modality which offers unique benefits in treating cancer with high precision and minimal impact on healthy tissues.

AERB has conducted a comprehensive safety assessment of the facility at all stages including bunker design & construction & commissioning, verification of availability of a) qualified and trained key personnel, b) radiation monitoring & measuring instruments, c) personnel monitoring devices and satisfactory performance evaluation of the proton facility.

Through meticulous evaluation which included multi-tier safety review and pre-licensing inspection, AERB has concluded that the facility has demonstrated its commitment to meeting the radiation safety standards



**Proton therapy gantry**