



UNIVERSITY OF MUMBAI DEPARTMENT OF BIOPHYSICS

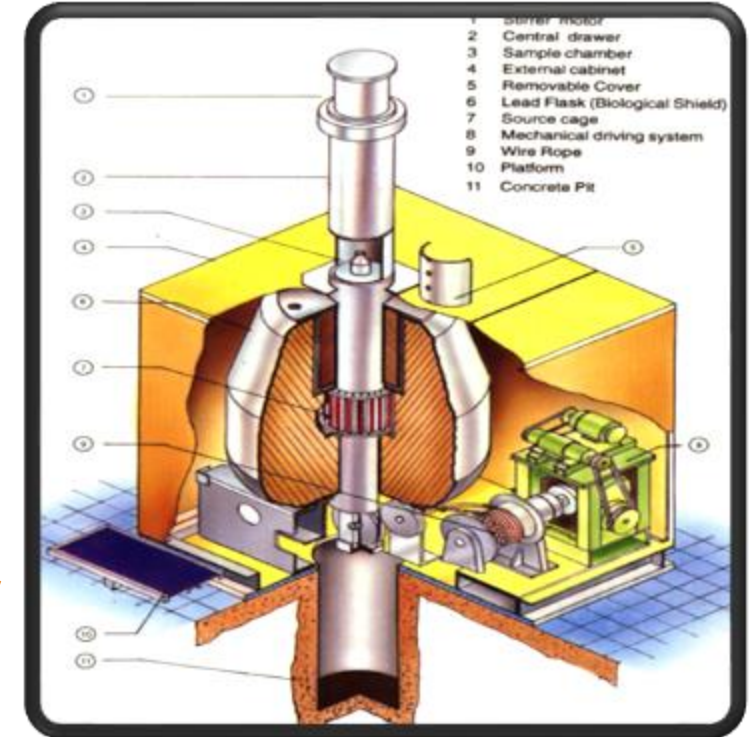


GAMMA IRRADIATION FACILITY WORKSHOP



What is GIC-5000?

- GAMMA CHAMBER 5000 is a compact, portable, self - shielded type of a Co-60 Gamma Irradiator.
- The Unit is designed to house 518 Tl3q (14000 Ci) of Cobalt-60 source and it provides an Irradiation volume of about 5000 c.c. Approximately.
- The chamber is located in vertical shaft (Drawer).The shaft moves up and down with the help of a drive system, which enables exact positioning of the irradiation chamber in the center of the radiation field. Access holes of 8 mm diameter are provided in the vertical shaft for introduction of service sleeves for gases, RTD censer etc. for temperature measurement inside irradiation zone.



GIC-5000 INAUGURATION

- GIC facility at Department of Biophysics, University of Mumbai was established in 2017 under the DST research project purse II grant (2017-2020).



Inauguration of GIC-5000 by Padma Shri Dr. Sharad kale and Hon'ble Vice Chancellor.





Guest speaker
Prof. B.N. Rao
Former Head,
Radiological Physics And
Advisory Division, BARC



Guest Speaker
Dr. B.N. Pandey
Head, Radiation and Cancer Biology
Section, Radiation Biology And Health
Science Division, BARC