

भारत सरकार/Government of India
परमाणु ऊर्जा विभाग/Department of Atomic Energy
विकिरण एवं आइसोटोप प्रौद्योगिकी बोर्ड/Board of Radiation & Isotope Technology

विआप्रौबोबीएआरसी वाशी कॉम्प्लेक्स/
BRIT/BARC Vashi Complex,
सेक्टर-20/Sector-20, वाशी/Vashi,
नवी मुंबई/NAVI MUMBAI - 400 703.

सं/Ref: विआप्रौबो/BRIT/सत/Vig/2021/26

February 03, 2021

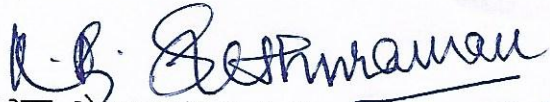
Sub: Budget Session 2021 of Parliament – forwarding of Rajya Sabha Unstarred
Question Dy. No. U1532 regarding.

उपरोक्त विषय पर पत्र के दिनांक 02.02.2021 के ई-मेल की संदर्भ लें। Reference is invited to DAE
E-mail dated 02.02.2021 on the captioned subject.

विआप्रौबोर्ड से संबंधित अपेक्षित जानकारी इस प्रकार है। The requisite information in respect of BRIT
is as follows:

Sl. No.	Question	Name of the Radio Isotope produced	Used in diagnosis/therapy		
			Type of cancer	Diagnosis	Therapy
a.	Whether Cyclotron is used for the production of Radio Isotope used for diagnosis and treatment of cancer, if so, the type of cancer in which this Radio Isotope is used;	Fluorine -18 In form of FDG	Different types of cancers and their --metastasis (Not specific)	Yes	No
		Palladium-103	Prostate cancer (Seed implant - Brachytherapy)	No	Yes
		Zirconium -89	Breast cancer (Labelled monoclonoclonal antibodies)	Yes	No
		Gallium-67	Hodgkin's disease, lymphoma, bronchogenic carcinoma	Yes	No
		$^{218}\text{F-NaF}$ (Sodium Fluoride)	Finding out if cancer has spread to the bone	Yes	No
b.	Whether the Cyclotron-30, the biggest cyclotron for medical use facility in the country is operational now	Yes			
c.	If so, the cost incurred in the research and construction of it	2320.00 Lakhs is the cost incurred by BRIT for MCF, Kolkata. However, the construction cost has been incurred by VECC, Kolkata.			

यह मुख्य कार्यकारी, विआप्रौबोर्ड के अनुमोदन से जारी किया जाता है। This is issued with the approval of Chief Executive, BRIT.


(के.आर. सेतुरामन/K.R. Sethuraman)
मुख्य प्रशासनिक अधिकारी/Chief Administrative Officer
03022021

Tel. No. 022-2788 7007

निदेशक/Director,
संसद अनुभाग/Parliament Section,
पत्र/DAE, अणुशक्ति भवन/Anushakti Bhavan,
छ.शि.म. मार्ग/C.S.M. Marg, मुंबई - 1/Mumbai - 1.