

List of Utilizations:

Sr. No.	User	Job Description	Expected Outcomes
1.	Vasantdada Sugar Institute, VSI, Pune	Chitosan Irradiation (250 kg)	Enhancement in sugarcane production
2.	RPDD, BARC	Metal foil (Dy, Au, Fe, Cu etc) Photo-activation Experiments	Isotope production
3.	NRG / TPD, BARC	Radiation hardening tests of scintillator Ce doped $Gd_3Ga_3Al_2O_{12}$ used in β -battery,	Radiation damage study
4.	MSD, BARC	Radiation damage study of materials used as packing in waste depository. (i) Natural CaF_2 crystal, (ii) CaF_2 powder, (iii) Ni_4Mo alloy, (iv) Hastelloy N coupon, (v) Zr-single crystal	Radiation damage study
5.	GAMD, BARC	Ceramic polymer for crosslinking	Radiation damage study
6.	RED, BARC	Nodular Corrosion study of Zr-Nb alloy in simulated PHWR conditions	Radiation damage study
7.	APPD, BARC	Organic/Inorganic hybrid thin film for thermoelectric and dosimeter applications	Electrical characteristic improvements
8.	RCD, BARC	NiCr Alloys	Material study
9.	IRAD, BARC	Gemstones irradiation	Color enhancement