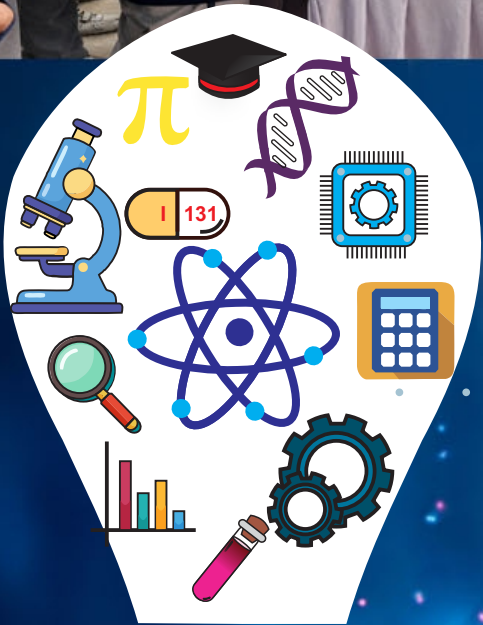




NUCLEAR R&D Tech Spin-offs

Bhabha Atomic Research Centre (BARC) continues to foster industry collaboration by transferring emerging nuclear spin-off technologies and associated know-how besides stimulating rural entrepreneurship. The Centre is also accelerating efforts to incubate deep-tech startups in high-priority domains critical to sustained economic growth.



Technology Streamlining & Transfer

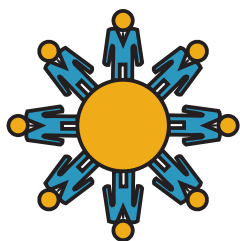


BARC continued to streamline indigenous technologies for public and industrial applications by introducing new innovations with applications in agriculture, advanced technology, metallurgy, quality assurance, healthcare, and nutrition. During the review period (May-June 2026), one new technology was placed in the public domain:



Probiotic Condiments (Spicy Green Coconut, Sweet & Sour Dates) (AB68FTD): This plant-based, ready-to-eat probiotic technology provides a convenient, dairy-free alternative to conventional probiotic products. Designed to promote gastrointestinal health and overall well-being, the technology combines traditional Indian condiments with functional nutrition, offering industry an innovative value-added product for commercialization.

Incubation & Startup Ecosystem



AIC BARC Anushakti Foundation, supported by the Atal Innovation Mission (AIM), continued to strengthen the deep-tech innovation ecosystem through startup incubation, technology commercialization, and industry engagement. As co-organizer of the Research

Scholars' Summit on Employment, Entrepreneurship & Startup Opportunities, AIC ANUSHAKTI showcased BARC's lab-to-land tech translation initiatives and incubation programmes while facilitating interactions among researchers, startups, industry, and academia.

As part of the DAE Incubators' Alliance, AIC ANUSHAKTI supported the launch of TECHATHON 2.0, a national-level deep-tech innovation challenge promoting mentoring, incubation, and commercialization of promising technologies.

The incubation ecosystem was further strengthened through approval of incubation policies, onboarding of new deep-tech startups, and constitution of a task force for publication of new BARC technologies. During the Technology Transfer & Incubation Ceremony held on 24 June 2026, 14 technology transfer agreements and 2 incubation agreements were signed, while the successful incubation of M/s. Gir Gau Krushi Jatan Sansthan, Rajkot, for commercialization of NISARGRUNA-based products was also recognized.

AIC ANUSHAKTI further expanded its outreach through strategic engagements with Atal Innovation Mission, participation in national innovation programmes, and presentations before Department of Atomic Energy leadership on strengthening technology translation and the DAE incubation ecosystem.

Rural Tech Entrepreneurship



AKRUTI Kendras continued to promote rural entrepreneurship and sustainable livelihoods through awareness programmes, tech demonstrations, skill development, and institutional collaborations. During the

review period, students, entrepreneurs, SHGs, government officials, and industry representatives participated in exposure visits, workshops, and training programmes on DAE-BARC technologies, including food processing, food preservation, and Rapid Bio-Composting.

On the occasion of World Environment Day, AKRUTI Kendra in Tarapur organized the Sustainability Entrepreneurs' Felicitation Ceremony, recognizing entrepreneurs who successfully adopted BARC technologies for sustainable livelihood generation. During the Technology Transfer Ceremony on 24 June 2026, entrepreneurs showcased commercially launched products based on licensed BARC technologies, including Foldable Solar Dryer, Ready-to-Eat Fruit Cubes, Low-GI High-Fibre Wheat Flour, Gluten-Free Multigrain Pre-mix Atta, Rapid Compost, Soil Testing Kit, and Jamun Strips.

AKRUTI Kendra-MGU strengthened academic outreach through internship programmes, institutional visits, and entrepreneurship lectures for university students, while AKRUTI Kendra-BLDEASSM showcased BARC technologies at the 2nd Vision Karnataka Exhibition, reaching over 5,000 visitors and receiving an award for excellence in technology dissemination and promotion.