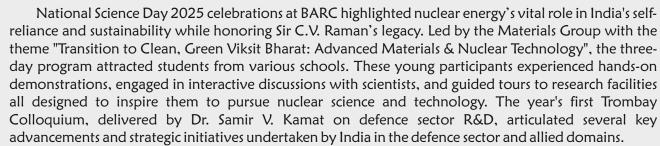


Nuclear SciTech

Leading Sustainable Development

his edition of the BARC Newsletter showcases the latest breakthroughs in nuclear science and technology. Our feature articles highlight significant advancements across multiple disciplines, including developing accident-tolerant fuel coatings, innovative approaches in plasma spectroscopy, and enhanced used fuel management protocols. Recent research on cold atmospheric plasma for dental applications demonstrates the expanding potential of nuclear technologies in healthcare settings.

We are pleased to present a summary of research on natural isotope applications for groundwater management, underscoring our dedication to environmental stewardship. This issue also recognizes excellence through international acknowledgment of distinguished researchers in solid state physics subject.



We invite you to explore these developments in shaping our mission of the clean & green energy future.

Shri Manoj Singh Editor, BARC Newsletter & Head, Scientific Information Resource Division



