



The uniqueness of BARC **@ interdisciplinary research**

Bhabha Atomic Research Centre (BARC) is proud to be home to one of India’s prominent cutting-edge scientific research projects in the highly advanced domain of nuclear energy. The centre is at the forefront of national efforts for establishing India’s foothold in fundamental research with an overlay on high tech areas of science, new and fast emerging digital transformations through unlocking numerous interdisciplinarity; all with a human face to ensure the fruits of scientific research translate sufficiently to bring about a positive change in the lives of people down to the grassroots.

In this issue of newsletter, we pull back the curtain on the sustained multidisciplinary research in BARC with a renewed focus on latest developments in beam technologies and its interlinkages in biomaterials development and quantum computing research. Expanding the scope of radiation-assisted healthcare continues to be one of the key mandates of Department of Atomic Energy and BARC, successful implementation of these programs, and the related developments are captured in this issue.

A key pillar of BARC’s life-long mission is to sensitize and engage citizens of all demographics, enthuse them about the exciting aspects of scientific research and technology development underpinning BARC’s research and its positive impact on overall S&T landscape. The National Science Day celebration served as a perfect platform to bring all stakeholders under one umbrella thereby helping us in our efforts to fulfill the desired objective.

We’re glad that you have an opportunity to experience the happenings across limited verticals at BARC, in this issue of the newsletter. It will definitely motivate and encourage the researchers, in particular, those who are closely associated with the multi-disciplinary programs aimed at bringing out new and futuristic technologies that would steadily catapult India to become technologically self-sufficient in the times ahead.

We wish the readers will enjoy this issue of newsletter as another testament of accomplishments possible in interdisciplinary scientific research.

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