

Visitors to BARC...

2024-2025



Distinguished policy maker, **Dr. P.K. Mishra** (Principal Secretary to the Prime Minister of India, Government of India), was invited to be the Chief Guest at the Graduation Function honors for the young graduates of the 68th Batch of BARC Training School in Mumbai, held during August 2025.

There are high hopes from nuclear energy as a source of clean and sustainable power... The criticality of safety aspect will be very vital and we need to revisit our whole mechanisms and undertake further research on the subject... We also need to ensure that there is a high level of confidence in the minds of the people about safety standards of our nuclear projects.



Professor Abhay Karandikar (Secretary to GoI, DST, Ministry of Science & Technology), who was instrumental in shaping India's telecom policy by establishing global 5G/6G standards and steering the nation's strategic vision for 6G adoption, was invited to BARC to deliver a talk on the topic 'Transforming Science & Technology Landscape' towards Viksit Bharat, at the popular Trombay Colloquium in August, 2025.

With the transition to 6G telecom services, India aims to secure at least 5% of global IPRs. Efforts are underway to deploy nearly 30,000 GPUs to strengthen cloud computing infrastructure in the country besides advancements in bio-engineering, precision bio-therapeutics, and setting up a robust Deep Tech ecosystem.



Dr. Trilochan Mohapatra (Chairperson, Protection of Plant Varieties & Farmers' Rights Authority Ministry of Agriculture & Farmers Welfare, GoI), was invited to BARC to deliver a talk on the topic 'Towards an Ever Green Revolution' that focused on economic, environmental, and social pillars of sustainable agriculture in India, at the popular Trombay Colloquium in July, 2025.

Increased private partnership and investment in agri sector, revisiting nuclear agriculture, discovering new molecules translating into enhanced local production of better pesticides and bio-stimulants, smart sensors and imaging would enable India's transformation to sustained Ever Green Revolution.



Shri S. A. Bhardwaj (Former Chairman, AERB) was invited as the Chief Guest to the National Science Day (NSD) 2025 program (28 February-2 March) held every year in BARC to commemorate the legacy of India's Nobel Laureate Sir C.V. Raman. This year, BARC marked the program with the theme 'Transition to Clean, Green Viksit Bharat: Advanced Materials & Nuclear Technology'.

Reduce, Recycle, and Reuse philosophy (continues to be) central to India's nuclear energy ecosystem.

...From the Ranks of STEM, Public Policy

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Dr. Samir V. Kamat (Secretary, DDR&D and Chairman, DRDO, Ministry of Defence, GoI), who played a key role in advancing several critical materials programs at DRDO, including the development of high-strength steels for naval ship hulls, high-temperature titanium alloys, and nickel-based superalloy components for aero engines was invited to BARC to deliver a talk on the topic 'R&D in Defence Sector', at the popular Trombay Colloquium in January, 2025.

The civilian sector currently leads in AI and communication technologies adoption. DRDO is working to adapt these civilian innovations for military applications. The civil-military fusion approach is identified as a key factor for India's future defence technological competitiveness.



Mr. A.S. Kiran Kumar (Former Secretary in the Department of Space, GoI), who played a significant role in the success of India's Chandrayaan-I and Mars Orbiter Mission besides facilitating rapid development of earth observation, communication, navigation and space sciences, was invited to BARC to deliver a talk on the topic 'Indian Lunar Mission', at the popular Trombay Colloquium in September, 2024.

Push beyond your boundaries... True learning from mistakes may require more than a lifetime... Experience is less relevant. Knowledge and the ability to adapt are crucial for success in our rapidly evolving landscape.



Former Chief Scientist at World Health Organization and a distinguished pediatrician, **Dr. Soumya Swaminathan**, who was also credited with coordinating the scientific efforts at the World Health Organization during the COVID-19, was invited to BARC to deliver a talk on the topic 'My Journey as a Physician Scientist and Researcher', at the popular Trombay Colloquium in July, 2025.

India should take a leadership role in developing new vaccines by leveraging its full potential in scientific resources and expertise. Innovative vaccine development is essential not only for TB but for addressing broader public health challenges, especially in the context of lessons learned from the COVID-19 pandemic.