



Shri Allu Ananth

Director (Operations) & Station Director BHAVINI

Dr. Anil Kakodkar
Former Chairman AEC
(Chief Guest)

Shri S.C. Chetal
Former Director IGCAR
(Guest of Honour)



Indian Nuclear Society cordially invites you to the Webinar on

“Criticality of PFBR: A Milestone in the Journey of Atomic Energy in India”

Sunday, 17th May 2026, 11:00 A.M. , AERB Aud.

India marks a historic milestone in its nuclear energy journey with the successful achievement of first criticality of the 500 MWe Prototype Fast Breeder Reactor (PFBR) at Kalpakkam on April 6, 2026. This landmark accomplishment signifies a major step forward in India's three-stage nuclear power programme and strengthens the nation's vision for long-term energy security. The PFBR has been designed and developed by the Indira Gandhi Centre for Atomic Research (IGCAR), constructed and commissioned by Bharatiya Nabhikiya Vidyut Nigam Ltd. (BHAVINI) with significant contributions from other Department of Atomic Energy (DAE) units including BARC, NPCIL, and several indigenous industries. PFBR is strategically designed to bridge the gap between the current generation of Pressurised Heavy Water Reactors (PHWRs) and future Fast Breeder Reactors. Successful operation of the Fast Breeder Test Reactor (FBTR) for over 40 years provided valuable experience and confidence for undertaking this ambitious programme.

INS Webinar on “Criticality of PFBR: A Milestone in the Journey of Atomic Energy in India” by Shri Allu Ananth, Director (Operations) & Station Director, BHAVINI. Sunday, 17th May, 2026, 11:00 A.M. AERB Aud



Meeting link <https://indiannuclearsociety-826292.my.webex.com/indiannuclearsociety-826292.my/j.php?MTID=m348c39e61b448bc883de72805a85458d>

Meeting number (access code): 2642 174 9524

Meeting password: cVUKb3iPp44 (28852347 when dialing from a phone or video system)



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