

## Chief Guest

Padma Vibhushan Shri Dr. Anil Kakodkar, Former Chairman, Atomic Energy Commission, has graced to be chief guest to NUiCONE2017



He joined the Reactor Engineering Division of the BARC and played a key role in design and construction of the Dhruva reactor, a completely original but high-tech project. He was a part of the core team of architects of India's Peaceful Nuclear Tests in 1974 and 1998. Further he has led the indigenous development in India's Pressurised Heavy Water Reactor Technology. He worked in the rehabilitation of the two reactors at Kalpakkam and the first unit at Rawatbhata, which at one stage were on the verge of being written off.

In 1996 he became Director of the BARC and since 2000 he is leading the Atomic Energy Commission of India and also is the secretary of the Department of Atomic Energy.

He has published over 250 scientific papers.

He believes that India should be self-reliant in energy, especially by use of the cheap national thorium resources. He continues to engage in designing the Advanced Heavy Water Reactor, that uses thorium-uranium 233 as the primary energy source with plutonium as the driver fuel. The unique reactor system, with simplified but safe technology, will generate 75 per cent of electricity from thorium.

## Other positions

Dr. Kakodkar is a member of many boards, commissions, and other organizations. Some of them are:

- Chairman, Board of Governors of the Indian Institute of Technology, Bombay – 2006–15.
- Member, Atomic Energy Commission
- Member, ONGC Energy Centre Trust
- Chairman, empowered committee on IIT reforms
- Presently he is serving as a director on the central board of Reserve Bank of India.
- He is a Fellow of the Indian National Academy of Engineering and served as its president during 1999–2000.

- He is a Fellow of the Indian Academy of Sciences, the National Academy of Sciences, India and the Maharashtra Academy of Sciences.
- He is a member of the-- International Nuclear Energy Academy and Honorary member of the World Innovation Foundation. He was member of the International Nuclear Safety Advisory Group (INSAG) during 1999–2002
- He is on the board of Governors of VJTI, Mumbai
- He will head Rail safety committee as per Rail budget speech by Railway Minister in 2012
- He is chairman Rajiv Gandhi Science and Technology Commission, Government of Maharashtra, Mantralaya, Mumbai.

## Awards

### National awards

- [Padma Shri](#) in 1998.
- [Padma Bhushan](#) in 1999.
- [Padma Vibhushan](#) in 2009.

### Other awards

- Highest civilian award of the Maharashtra state-[Maharashtra Bhushan Award](#) (2012)
- Highest civilian award of the Goa state-[Gomant Vibhushan Award](#) (2010)<sup>[4][5]</sup>
- Hari Om Ashram Prerit Vikram Sarabhai Award (1988)
- [H. K. Firodia Award](#) for Excellence in Science and Technology (1997)
- [Rockwell Medal](#) for Excellence in Technology (1997)
- [FICCI](#) Award for outstanding contribution to Nuclear Science and Technology (1997–98)
- [ANACON](#) – 1998 Life Time Achievement Award for Nuclear Sciences
- Indian Science Congress Association's H. J. Bhabha Memorial Award (1999–2000)
- Godavari Gaurav Award (2000)
- Dr. Y. Nayudamma Memorial Award (2002)
- Chemtech Foundation's Achiever of the Year Award for Energy (2002)
- [Gujar Mal Modi Innovative Science and Technology Award](#) in 2004.
- Homi Bhabha Lifetime Achievement Award 2010.
- Acharya Varahmihir Award (2004) by Varahmihir Institute of Scientific Heritage and Research, Ujjain (M.P.), India