



PUSHING THE FRONTIERS OF SCIENCE

## Project: International Thermonuclear Experimental Reactor (ITER)

Mr. Arun Chakraborty, Project Manager, Diagnostic Neutral Beam, ITER-India  
Panel Discussion: Leveraging collaboration for Indian science and industry



### About the Panel Moderator:

- Arun Chakraborty joined IPR in March 1991 as a Scientific Officer, after completing his masters in Physics from the University of Kolkata and M.Tech in Nuclear engineering from IIT Kanpur in Dec. 1990. He has been involved in the development of Neutral Beam (NB) injection systems that require special technologies for mechanical, electrical, vacuum and control systems. He lead the technology development program in several areas of NB and has established an implementable model for developing technologies with the industries. The first Indian Cryo-condensation pump, Megawatt class UHV compatible Heat Exchangers, Development of 1st large size ion source etc. are notable outcome of this model. In the ITER project, he is leading the Indian contribution from the technical and administrative front as a Project Manager in the Indian domestic agency. To date he has 3 patents and more than 100 publications in peer reviewed international journals.

