

**Mr. Ratan Kumar Sinha** graduated in Mechanical Engineering in 1972 and received training in nuclear engineering, at postgraduate level, in the training school of Bhabha Atomic Research Centre (BARC) Mumbai. He has thirty-five years of experience in the area of development of reactor engineering technologies for components and systems of pressure tube type research and power reactors.

At present he is serving as Director, Reactor Design & Development Group and, Director Design, Manufacturing & Automation Group, BARC. His current responsibilities include directing programmes for new advanced reactors under design and development at BARC to utilise thorium. These include, the Advanced Heavy Water Reactor (AHWR), which produces most of its power from thorium, and has several innovative passive safety features. He is also responsible for the design and development of a Compact High Temperature Reactor (CHTR), which is a technology demonstrator for future Indian High Temperature Reactors intended for hydrogen generation.

Mr. Sinha is a nationally and internationally recognised expert in the area of nuclear reactor technology. For the past four years he has been the Chairman of the Steering Committee of INPRO, the IAEA's International Project on Innovative Nuclear Reactors and Fuel Cycles.

Mr. Sinha has received several awards and honours. He was elected a Fellow of the Indian National Academy of Engineering in the year 1998. He has been an elected member of the Executive Committee of the Indian Nuclear Society for the last eight years.