



Address by Guest of Honour

Mr. K.N.Vyas, Chairperson, AEC and Secretary, DAE, Mumbai

About the Speaker:

- Mr. K.N. Vyas is a Mechanical Engineering Graduate of MS University, Vadodara and a graduate of the 22nd Batch of BARC Training School. Joining the Department in 1979, he commenced his career with forays into nuclear reactor fuel designs. He developed programmes to carry out fuel performance analysis of nuclear fuels, which modeled fuel design aspects like irradiation swelling, fission gas generation and release, pellet-clad interaction, etc. The insights gained by these studies led to the design of the 7×7 cluster for BWR fuel having superior performance characteristics. As a fuel design engineer, he provided key inputs to fuel manufacturing units like Atomic Fuels Division and Nuclear Fuels Complex.
- Mr. has played an important role in indigenisation of special materials as well as several fabrication & test equipment used in fuel fabrication. His expertise was useful in evolving the design of Test Blanket Module and associated systems, planned to be installed at the ITER project.
- Mr. K.N. Vyas is a recipient of Indian Nuclear Society Outstanding Service Award, Homi Bhabha Science and Technology Award and the Dr. N. Kondal Rao Memorial Award. He and his team have won Group Achievement Awards in the years 2007, 2008, 2012 and 2013 in the field of design and development of critical reactor system equipment, as well as successful erection and commissioning of various reactor systems. He is a Fellow of Indian National Academy of Engineering, 2015.

