



PUSHING THE FRONTIERS OF SCIENCE

## Welcome address

**Mr. Ranajit Kumar, Head, NCPW, DAE, Mumbai**

### About the Speaker:

- Ranajit Kumar is an Outstanding Scientist & Head of Nuclear Controls & Planning Wing in the Department of Atomic Energy (DAE). He is a leading specialist with outstanding contribution in the area of international nuclear safeguards, nuclear security and nuclear safety. He is leading DAE in the area of international civil nuclear cooperation, international cooperation on nuclear science & technology including cooperation on mega sciences projects, negotiation and implementation of international safeguards in all obligated facilities of DAE, nuclear security policy formulation and implementation etc. He is also leading the cooperation on cutting edge mega science projects with various international organizations like International Thermonuclear Experimental Reactor (ITER), The European Organization for Nuclear Research (CERN), world's third Laser Interferometer Gravitational Wave Observatory (LIGO) in India, Square Kilometre Array (SKA), Thirty Meter Telescope (TMT), India based Neutrino Observatory (INO) and Facility for Anti-proton Research (FAIR). He is leading a team responsible for technical evaluation and grant of export / import and handling license of prescribed substances, equipment and technologies as well as nuclear related dual use goods, equipment and technology as covered under SCOMET list. He is also leading the activities of the Global Centre for Nuclear Energy Partnership (GCNEP), an institute established for promoting R&D, training and human resource development with a vision to promote safe, secure and sustainable nuclear energy, in partnership with countries like USA, France, UK and international organization like IAEA.
- He serves as a member in the Council of Management of Tata Institute of Fundamental Research (TIFR), in the International Thermonuclear Experimental Reactor (ITER) Council, in the BRIT (Board of Radiation & Isotope Technology) Board, DAE and in the "Standing Advisory Group of Safeguards Implementation (SAGSI)" of the Director General (DG) of International Atomic Energy Agency (IAEA). He served as a member from India to the Nuclear Security Guidance Committee (NSGC) of IAEA during 2012 – 2017.
- Ranajit Kumar obtained his Bachelor of Engineering (Electronics & Tele-Communication Engineering) from Bengal Engineering College, Calcutta University (presently known as IEST - Indian Institute of Engineering, Science and Technology, Shibpur) in the year 1984. After completion of 1 year Orientation Course in Nuclear Engineering in Bhabha Atomic Research Centre (BARC) Training School (September, 1984 – August, 1985), he joined Reactor Control Division in BARC as R&D electronics engineer. In BARC, he has spent more than 31 years' in designing computer and microprocessor based system for application in Nuclear Safety and Nuclear Security. He was responsible for design, development, planning and implementation of nuclear security systems for different types of nuclear fuel cycle facilities including nuclear power plant, reprocessing and waste management plant, research laboratory etc.
- Shri Ranajit Kumar was awarded Technical Excellence Award of DAE in the year 2011. He was also awarded several group achievement awards of DAE.

