



Dr Amar Sinha is presently **Raja Ramanna Fellow** in the Department of Atomic Energy & **Senior Professor** of HomiBhabha National Institute. He is former **Head**, Neutron and X-ray Physics Division & Outstanding scientist at BARC. He has graduated from 20th batch of Training school and completed his PhD from University of Mumbai (1991). He has been visiting scientist at Joint Research of European Communities (JRC), Ispra working on feasibility of using spallation neutron sources for fusion materials testing.

DrSinha has been responsible for developing first Experimental Accelerator Driven system in the country. He has done pioneering work in developing neutron and Xray digital imaging and tomography system, phase imaging, synchrotron imaging and neutron based explosive and fissile material detection technique. He also led a team for developing Microtron based neutron source at Mangalore university and country's first D-T generator based neutron radiography assembly for VSSC, ISRO.

He has won several awards

1. **HOMI BHABHA SCIENCE & TECHNOLOGY AWARD (2011)**
2. **DAE Technical Excellence Award (2005)**
3. **DAE Group Achievement Award** as group leader (2010, 2013, 2015)

He has published more than 100 papers in national & international journals and conferences.