

Brief Resume of Dr. Chintamani Das



Dr. Chintamani Das did his M.Sc. in Chemistry in Utkal University, Bhubaneswar in 1980. Dr. Das joined Bhabha Atomic Research Centre in 1982 after graduating from BARC Training School. He did his PhD in Chemistry from University of Bombay in 1999. He has 32 years of research experience in the field of aqueous corrosion, electrochemistry, electroless nickel composite coatings, high temperature liquid metal corrosion related to activities of Department of Atomic Energy. He has developed a method of forming iron sulphide protective coating to prevent corrosion in heavy water plant, luminescent electroless nickel composite coating for product identification and authentication, water lubrication wear resistant hard composite coating. He has studied the corrosion issues related to the use of chemical formulations for nuclear reactor decontamination, corrosion of SS 304L in lead-bismuth eutectic for target facility at Medical Cyclotron, Kolkata and, the corrosion of SS 316L, 9Cr-1Mo steel in lead bismuth eutectic for Accelerator Driven Sub-critical System applications. He has 33 research papers and 8 presentations and reports. He is a guide for M. Tech in Engineering Science in Homi Bhabha National Institute.

Currently, he is the Programme Officer for Basic Science Committee in Board of Research in Nuclear Science (BRNS), Department of Atomic Energy, Government of India. He is the executive authority for funding under different schemes of the BRNS in the field of Life Science, Chemical Science and Physical & Material Science.

