



Module 6: Applications of Radioisotopes in Industry

Dr. H.J.Pant

ABOUT INSTRUCTOR:

Dr. H.J.Pant obtained his M.Sc Degree in Physics from H.N.Bahuguna Garhwal University, Srinagar Garhwal in 1985 and joined erstwhile Isotope Division, Bhabha Atomic Research Centre, Mumbai in 1988 after graduating from the 31nd Batch of BARC training school. He obtained his Ph.D degree in Physics from Mumbai University in 2000. He is currently serving as Head, Isotope and Radiation Application Division of BARC, Mumbai.

Dr. Pant is a specialist in Industrial Applications of Radioisotope Techniques and has developed a several radioisotope techniques and applied them in various industries in India. He was awarded “DAE Scientific and Technical Excellence Award-2010” for his outstanding contribution in the field of “Radiotracer Applications in Industry” and Group Achievement Award-2018. He has more than 300 publications in international journals and international/national conferences/symposiums.

He is a member of International Atomic Energy Agency's expert panel on Industrial Applications of Radioisotopes and was deputed to Austria, Thailand, Algeria, Indonesia, Jordon, Egypt, Republic of Korea, Morocco, Sri Lanka, Kenya and Malaysia as an IAEA Technical Cooperation Expert. He also served as National Project Coordinator of various IAEA/RCA Projects during 2010-2016 and represented India in many IAEA Expert Group Meetings.

MODULE PLAN:

1. Applications of Radioisotopes in Industry - 5 Lectures