



## School of Interdisciplinary Research (SIRE)

Indian Institute of Technology Delhi, New Delhi

SIRE Webinar

on

### Interdisciplinary Aspects of Modern Ion Accelerators and Their Use in Research and Industry



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IUAC, Delhi

Date: **September 03, 2020 (Thursday),**  
Time: **04:00 pm**

#### Abstract

Developments of various modern ion accelerators for delivering ion beams in a wide range of energy have created new opportunities in carrying out innovative research and developmental activities. Interdisciplinary aspects of the latest scientific and technological developments related to the modern accelerators will be discussed. Focused research in the areas of nuclear physics, atomic and molecular physics, engineering of materials and radiation biology using these state-of-the-art accelerators are being carried out in the Country by a large number of researchers from all over India and abroad.

Some of the innovative and interesting research and developmental activities undertaken by different accelerator centres will be discussed systematically.

#### Speaker's Brief Bio -

Dr. D. Kanjilal did his PhD from IIT Kanpur in 1985. After that he joined Nuclear Science Centre (now IUAC) as Scientist. He made significant contributions towards the establishment of Pelletron Accelerator Facility at IUAC and also other associated experimental facilities. He served as the Director of IUAC from July 2013 to July 2018. At present he is a DAE Raja Ramanna Fellow at IUAC. His research expertise is in the area of Materials Science, Radiation Physics and Accelerator technology. He has guided 12 PhD students and has more than 400 publications in International Journals. He is a Fellow of Indian National Science Academy (INSA), New Delhi and National Academy of Sciences (NASI), Allahabad. He also has been serving in various Scientific Bodies & Committees at the national level.

**All are cordially invited to attend the webinar.**

Please contact "[headsire@admin.iitd.ac.in](mailto:headsire@admin.iitd.ac.in)"  
for the webinar link if you wish to attend.