



World Institute for
Nuclear Security

TECHNICAL EXCHANGE ON GAMMA IRRADIATOR SECURITY AND ALTERNATIVE TECHNOLOGIES

Friday 13 March 2026

Westin Convention Centre, Powai, Mumbai, India

Hosted by the Irradiation Industries Association of India (IIAI)
and the World Institute for Nuclear Security (WINS)

Radioactive material is used at industrial facilities worldwide for many important and beneficial applications. Irradiation using Cobalt-60 is critical to the food and healthcare industries and gamma irradiation is a dominant technology in India. Managing the security of this technology is therefore important to the long-term success of the industry and to the individual organisations that operate gamma irradiators. It is also important to understand the alternative technologies that are available to our industry so that it continues to grow and thrive.

The IIAI and WINS are pleased to announce this Technical Exchange to take place directly after the NICSTAR-2026 Conference. The full day meeting will be built around presentations, panel discussions, Q&A and several opportunities for audience contributions. International and Indian experts will be invited to share their experience and lessons learned on security and irradiation technologies.

Topics discussed will include security fundamentals and best practice, cybersecurity and security-by-design for gamma irradiation facilities. An introduction to electron-beam technology will be given followed by a discussion about market conditions in India and the potential for this technology.

This free of charge meeting is open to all operators and suppliers of irradiators, users of radioactive material, regulators, and anyone with an interest or responsibilities for security of gamma irradiation facilities and the use of other technologies such as electron-beam.

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