



FOOD SAFETY AND STANDARDS
AUTHORITY OF INDIA



IRRADIATION INDUSTRIES
ASSOCIATION OF INDIA

Stakeholders consultation on

Irradiation Processing of Food



DATE

21st August 2026



TIME

10:00 – 14:00



VENUE

Country Inn & Suites
by Radisson,
Bengaluru Hebbal Road

[Get Directions
to Venue](#)



SAFE
FOOD



REDUCED
POST-HARVEST
LOSSES



GLOBAL
COMPETITIVENESS



ORGANIZED BY

Food Safety and Standards
Authority of India (FSSAI)



IN ASSOCIATION WITH

Irradiation Industries
Association of India (IIAI)



Purpose of the Workshop

The purpose of the workshop is to encourage and facilitate wider adoption of irradiation processing of food by bringing together regulators, irradiation facility operators, food business operators, technology providers, and other stakeholders. The consultation will focus on addressing adoption barriers, clarifying regulatory and operational requirements, identifying industry needs, and building confidence among food businesses to use irradiation as a practical tool for food safety, shelf-life extension, reduction of post-harvest losses, and market access.

Objectives

1. To encourage food business operators and allied stakeholders to adopt irradiation processing as a safe, regulated, and commercially useful food processing technology.
2. To provide practical clarity on regulatory compliance, permitted applications, dose requirements, labelling for irradiated food products.
3. To identify adoption-related challenges such as, processing cost, logistics, consumer communication, and market acceptance.
4. To deliberate on how irradiation can support reduction of post-harvest losses, shelf-life extension, microbial safety and broader societal benefits such as improved food security, safer food supply, and reduced food wastage.
5. To create a forum for direct interaction between regulators, irradiation facilities, food processors, and industry associations for resolving implementation concerns.
6. To develop actionable recommendations for improving access to irradiation facilities, strengthening industry confidence, and promoting wider commercial utilisation of food irradiation in India.

Expected Outcomes

1. Clearer understanding among stakeholders of how irradiation processing can be adopted in routine food processing and supply-chain operations.
2. Greater confidence among food businesses regarding the safety, regulatory acceptability, and commercial relevance of irradiated food products.
3. Identification of key adoption barriers and practical measures required to address them, including infrastructure linkage, process guidance, cost considerations, and consumer communication.
4. Stakeholder recommendations for improving utilisation of existing irradiation facilities and expanding access where needed.
5. Enhanced collaboration between regulators, irradiation service providers, food processors, exporters, research institutions, and industry associations to support implementation.
6. Development of action points for promoting adoption, including capacity building, technical guidance, product-specific pilots, and market-oriented communication.
7. Support for wider use of irradiation processing to reduce food losses, improve food safety, extend shelf life, and strengthen domestic supply.

About FSSAI

FSSAI is the regulatory authority responsible for regulating the use of food irradiation in India. It prescribes the standards, permitted food categories, irradiation dose limits and labelling requirements. Through stakeholder engagement and awareness initiatives, FSSAI also supports the dissemination of scientific knowledge and promotes best practices for enhancing food safety.

About IIAI

The Irradiation Industries Association of India (IIAI) is a non-profit organisation which aims to support the Indian irradiation industry. The Association has a small management team and an elected board of directors, all of whom have extensive experience of working within the industry. Its objects are to actively promote Radiation Technology and develop cooperation in the Indian irradiation industry. IIAI also conducts training and skill-development programmes for Radiation Safety Officers (RSOs), plant operators, and industry professionals to strengthen technical competence and support regulatory compliance in the irradiation sector.

Programme

Time	Programme
10:00 – 10:20	Registration, Tea
10:20 – 10:30	Welcome Address – IIAI
10:30 – 10:45	Inaugural Address – Regulatory Framework for Food Irradiation in India - FSSAI
10:45 – 11:15	Food Irradiation – Science and Safety by BARC
11:15 – 11:30	Presentation by MoFPI
11:30 – 11:45	Industry Experience, Commercial Applications & Global Perspective
11:50 – 12:20	Question & Answer Session (30 minutes)
12:20 – 12:40	Panel Discussion • Challenges in adoption • Regulatory expectations • Industry concerns • Way forward for wider implementation
12:40 – 12:50	Stakeholder Survey & Feedback Exercise (<i>Participants to complete a structured questionnaire on awareness, challenges and adoption of food irradiation.</i>)
12:50 – 13:00	Closing Remarks & Vote of Thanks
13:00 – 14:00	Lunch & Networking

Registration

Registration is free. Prior registration is required. (Scan the QR code or click the link to register.)

<https://forms.cloud.microsoft/Pages/ResponsePage.aspx?id=G0DeX5NTqUa3EfS3Hr5VVUnaPX3QzqVFvuETIQDIwQdUOE5TWkRCQ0tBUzRNUUtDWfJRNjRCSVE1WS4u>

