

— INDIA'S FIRST E-BEAM SERVICE PROVIDER

Avik Ebeam Technologies.

Advanced electron beam sterilization, irradiation, and polymer cross-linking — elevating Make-in-India products to global standards of safety, durability, and performance.



LOCATION

Jaipur, Rajasthan

CONTACT

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WEBSITE

ebeamservices.in

Pioneering E-Beam solutions **from India.**

Avik Ebeam Technologies is India's first electron beam (E-Beam) service provider and trusted consultant for businesses seeking advanced irradiation solutions. With a team of highly skilled professionals, we specialise in elevating products using cutting-edge E-Beam technology — enhancing safety, durability, and performance across every industry we serve.

Our mission is to elevate Make-in-India products to global excellence, aligning with the Indian government's vision for a brighter industrial future. We deliver tailored, sustainable solutions that clients across automotive, electronics, packaging, pharma, and food safety can depend on for sustained growth.

— POSITIONING



India's First

Pioneer E-Beam service provider in the country.



Make-in-India Aligned

Advancing Indian industry to world-class standards.



Consultative Expertise

Trusted advisors, not just a service vendor.

— OUR STATISTICS

Numbers that define **our impact.**

A glimpse of the work we do and the value we deliver — built over three years of disciplined operation and trusted by industries nationwide.



3₊

YEARS IN OPERATION

Established expertise since 2022



99.99%

DOSE ACCURACY

Precision-validated irradiation control



50_{M+}

ANNUAL CAPACITY (UNITS)

High-throughput industrial scale



50₊

CLIENTS SERVED

Across automotive, pharma, food, cables

— WHAT WE DO

Six E-Beam capabilities, **one partner.**

From polymer cross-linking to medical sterilization and food safety — Avik Ebeam's irradiation technology elevates product performance across every industry we serve.

01



Polymer Cross-Linking

E-Beam irradiation cross-links polymers, enhancing thermal, mechanical, and chemical properties for automotive and industrial applications.

AUTOMOTIVE / INDUSTRIAL

02



Medical Sterilization

Fast, reliable E-Beam sterilization that ensures safety and integrity of medical devices, pharma packaging, and single-use products.

MEDICAL / PHARMA

03



Cable & Wire Insulation Cross-Linking

E-Beam cross-links cable insulation polymers, delivering superior durability, heat resistance, and long-term performance.

04



Food & Agricultural Safety

E-Beam sterilizes food and agricultural products, extends shelf life, and ensures safety — sustainably, without chemical residues.

FOOD / AGRI

05



Gemstone Color Enhancement

E-Beam irradiation enhances gemstone color for research and commercial enhancement purposes, with controlled, repeatable results.

GEMSTONES / R&D

06



R&D and Innovation Services

Advanced E-Beam solutions that accelerate product development, process validation, and material innovation across research applications.

RESEARCH / INNOVATION

• WHY CHOOSE E-BEAM SERVICES

Reliable, innovative solutions — with expert support.

We are dedicated to innovation, quality, and supporting Indian industries in achieving world-class standards. Our team brings deep industry expertise and an unwavering commitment to every project — delivering tailored solutions that exceed client expectations.



01

Unmatched Expertise

Highly skilled professionals with deep industry knowledge across automotive, pharma, food, and electrical sectors — backed by India's first dedicated E-Beam facility.



02

Comprehensive Support

From feasibility consulting to post-irradiation validation, we partner with you through the entire process — not just a service transaction.



03

Unwavering Commitment

Reliability and customer satisfaction are non-negotiable. We deliver consistent, repeatable results that clients can depend on for sustained growth.



04

Tailored Solutions

Customized dose mappings, processing parameters, and validation protocols designed around your product's exact requirements and compliance needs.

• RECENT CASE STUDIES

Proven across industries.

A snapshot of recent engagements where Avik Ebeam's irradiation expertise delivered measurable results — from aerospace components to pharma packaging and food shelf-life extension.

AEROSPACE



Decontamination for Aerospace Components

ZERO post-irradiation bioburden failures

Validated E-Beam decontamination process for precision aerospace components — achieving complete microbial reduction without compromising material integrity, dimensional tolerances, or surface finish critical to flight-critical parts.

SECTOR

Aerospace / Defence

PHARMA



Pharmaceutical Packaging Sterilization

99.99% sterility assurance level

High-throughput E-Beam sterilization of pharmaceutical packaging materials — delivering rapid turnaround, validated SAL compliance, and seamless integration into existing sterile-supply workflows for a leading pharma manufacturer.

SECTOR

Pharmaceutical / Life Sciences

FOOD



Food Safety & Shelf-Life Extension

+20% shelf-life extension achieved

E-Beam treatment of organic food products — extending shelf life by 20% while meeting export standards, eliminating chemical residues, and preserving nutritional integrity and sensory qualities throughout the cold chain.

SECTOR

Food & Beverage / Export

Trusted by India's industry leaders.

From global pharmaceutical giants to leading cable, polymer, and electrical manufacturers — Avik Ebeam's irradiation expertise powers products across the entire industrial spectrum. A selection of marquee clients we serve:

 Meril Medical Innovation MEDICAL DEVICES	 Lupin Pharma PHARMACEUTICAL	 Pfizer India Ltd PHARMACEUTICAL	 Rising Pharma PHARMACEUTICAL	 Jamp Pharma PHARMACEUTICAL	 Morepen Laboratories PHARMACEUTICAL
 SRF Ltd IND. CHEMICALS	 KEC International CABLES & INFRA	 Raychem HeatShrink Tubes POLYMER SOLUTIONS	 Kraton India SPECIALTY POLYMERS	 LT Switch Gears ELECTRICAL EQUIP.	 +39 More Clients TRUSTED BY 50+ BRANDS

• GET IN TOUCH

Let's elevate your products with E-Beam.

Whether you're validating a new material, scaling sterilization throughput, or exploring what E-Beam cross-linking can do for your product — our team is ready to consult. Reach out for a feasibility discussion or a tailored dose-mapping proposal.

Request a Consultation →

[View all services on ebeamservices.in](#)



CONTACT INFO

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HOURS

Mon – Sat · 9:00 AM – 7:00 PM

India's first E-Beam service provider · Aligned with the Make-in-India vision.