भारतीय प्रौद्योगिकी संस्थान
काशी हिन्दू विश्वविद्यालय
IIT INDIAN INSTITUTE OF TECHNOLOGY
BANARAS HINDU UNIVERSITY

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Notice for the opportunity of Technology Transfer

Indian Institute of Technology (Banaras Hindu University) Varanasi invites **industries, manufacturers, startups, MSMEs, and corporate partners** to collaborate for commercial utilization of a **licensed and patented sustainable technology** for next-generation biodegradable packaging and eco-materials for the following innovations which have been summarized:

- "A method of preparation of a biodegradable packaging material from sugarcane bagasse"
- "A method of preparation of biodegradable packaging material from rice straws"

The technologies has been developed to convert **Rice and sugarcane bagasse (agricultural waste)** into high-quality biodegradable packaging materials. The invention is **patent-published and licensed**, and IIT (BHU) is now open to strategic industry tie-ups for large-scale manufacturing and commercialization. The technology enables production of eco-friendly alternatives to single-use plastics while maintaining excellent functional performance with application in sectors of Food and beverage packaging, Disposable tableware manufacturing, Dairy and agro-product packaging, FMCG packaging solutions, e-commerce protective packaging, and Sustainable materials manufacturing.

Invitation for Industrial Tie-Up

IIT (BHU) is seeking partners for:

- Technology adoption and commercial production
- Product development using the technology
- Market deployment and distribution
- Strategic long-term collaboration

Industries with capabilities in packaging, pulp & paper, biomaterials, polymers, agro-processing, or sustainable manufacturing are especially encouraged to participate.

✉ How to Express Interest

Interested organizations should send a formal **Letter of Interest (LOI)** on company letterhead outlining the following **within 7 days** of the date of advertisement:

- Company profile and expertise
- Proposed mode of collaboration
- Manufacturing capabilities
- Intended product/application areas

Contact for Collaboration

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