



Ref No.: IIT(BHU)/SBCE/TT/2026/PD/02

Date: 29.05.2026

## **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 the commercial utilisation of a **licensed and patented sustainable technology** for next-generation biodegradable packaging and eco-materials for the following innovations, which have been summarised:

- “A process for fabricating biodegradable packaging material ”

The technologies have been developed to convert coconut coir, fibre, and its components into high-quality biodegradable packaging materials, papers, white or colored fibres, etc. The invention is **patent-published and licensed**, and IIT (BHU) is now open to strategic industry tie-ups for large-scale manufacturing and commercialisation. The technology enables the production of coconut coir and fibre-based eco-friendly and sustainable alternatives to single-use plastics while maintaining excellent functional performance with application in sectors of Industrial packaging, Filtration, food and beverage packaging, etc.

### **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 the sector of coconut fibre or coir processing, packaging, pulp & paper, agro-processing, or sustainable manufacturing are especially encouraged to participate.

### **✉ How to Express Interest**

Interested organisations 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**

**Dr. Prodyut Dhar**

Associate Professor

School of Biochemical Engineering

Indian Institute of Technology (BHU)

Varanasi – 221005, Uttar Pradesh, India

✉ Email: [prodyut@iitbhu.ac.in]

☎ Phone: [+91-9836931212]