



भारतीय  
प्रौद्योगिकी  
संस्थान  
काशी हिन्दू विश्वविद्यालय



INDIAN  
INSTITUTE OF  
TECHNOLOGY  
BANARAS HINDU UNIVERSITY

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## **Notice for the opportunity of Technology Transfer**

Indian Institute of Technology (BHU), Varanasi invites industries, manufacturers, startups, MSMEs, and corporate partners to collaborate for commercial utilization and sustainable technology for next-generation energy storage components which have been summarized:

- ***“Metal-Graphene Composite Ink For Direct Ink Writing (DIW) 3D Printing METHOD OF PREPARING THE SAME”.***

The technologies have been developed to convert High metal powder loaded metal-graphene Ink formulations into structurally optimized components with excellent electrochemical and electrical performance via Direct Ink Writing (DIW). The invention is patent filed technology and is now open to strategic industry tie-ups for large-scale manufacturing and commercialization with applications in sectors of Electric Vehicles (EVs), flexible and Wearable Electronics, consumer electronics, aerospace power systems, and high-rate capability energy devices.

### **Invitation for Industrial Tie-Up**

IIT (BHU) is seeking partners for:

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

Industries with capabilities in additive manufacturing, battery manufacturing, electronics hardware, or sustainable energy systems 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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