



## **Prof. Gaurav Verma**

**Ph.D.** Doctor of Philosophy (Engineering & Technology): Polymer nanocomposite coatings from Panjab University, Chandigarh.

**Director** Sophisticated Analytical Instrumentation Facility, CIL and UCIM.

Panjab University Chandigarh, India



**Research Experience:** 23 years

**Patents:** Granted: 01 Applied: 03

### **Research Focus :**

- Interfacial Engineering: Nano-bio, Plant Nano-bionics, and organic-inorganic interfaces, thin films, coatings.
- Application of nanomaterials to various fields: Agriculture, Healthcare, Automobile Coatings, Energy.

**Technology Licensed: NA**

**Interested Industry member kindly connect through:**

**Email Id: [icc-industryacademia@iccmil.in](mailto:icc-industryacademia@iccmil.in)**

## **Technologies (Proof of Concept- POC): TRL level.....**

- Hydrogen and related products for automotive, agricultural fertilizers and soil rejuvenation from waste, municipal solid waste etc.

## **Technologies under development:**

- Coatings with different functionalities.
- Bio-waste to value added products.
- AI driven technologies.

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