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**Research Experience:** 13 years

**Patents:** 0 **Granted:** 0 **Applied:** 0

**Research Focus:**

- Development of metal oxides, metal organic frameworks and composite materials
- Water treatment using adsorption and photocatalysis
- Development of materials for carbon capture

**Technology Licensed:** NA

**Interested Industry member kindly connect through:**

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

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

- Photocatalytic degradation for water pollutants (TRL 3-4)
- Extraction of silica from rice husk ash (TRL 7)

## **Technologies under development:**

Development of composite materials for water treatment and post-combustion carbon capture.

## **Targeted Industries:**

Leather, Tanning, Dye manufacturing, Textile, Thermal power plants, Cement manufacturing.

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