



# Dr. Anees Y. Khan

Ph.D. (IIT Bombay)

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**Research Experience:** 10 years

**Patents:** Granted: 0 Applied: 03

## **Research Focus :**

- Waste to Resource Recovery.
- Oil/water separation.
- Colloids and Interfacial science (Emulsion and Sol-gel).

**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.....**

- Arsenic removal from underground water (TRL 4)
- Separation of oil from oil/water emulsion (TRL 4)

## **Technologies under development:**

- Properties enhancement of tire char.
- Silica extraction from rice husk using low cost approach.
- Monolithic materials for removal of Arsenic and colorants from water.
- Janus silica microspheres for prolonged fragrance release.

## **Targeted Industries:**

1. Rubber Production Industries.
2. Construction and building materials industries.
3. Oil and gas industries.

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