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Research Experience: 14 years

Patents: Granted: 0 Applied: 02 (Indian patent, 202521008854)

Research Focus :

- Dye assisted superhydrophobic cotton with antibacterial and self-cleaning properties

Technology Licensed: NA

Interested Industry member kindly connect through:

Email Id: icc-industryacademia@iccmail.in

Technologies (Proof of Concept- POC): TRL level 3

- Antibacterial, self-cleaning and superhydrophobic cotton by applying dyes.

Technologies under development:

- Sustainable method of designer dye synthesis.
- Scaling up for dyeing method to produce antibacterial and superhydrophobic cotton.

Targeted Industries:

- Dyes and pigment manufacturer.
- Functional and hydrophobic textile.
- Technical textile.

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