



Prof. Anil Verma

FIChE, FIE(I)

Department of Chemical Engineering
Indian Institute of Technology Delhi (IIT Delhi)
Hauz Khas
New Delhi-110016



Research Experience : 25 years
Patents : Granted: 05; Applied: 09

Research Focus :

- Bipolar Plate for Electrochemical Application
- CO₂ and CH₄ Conversion into Value added Products
- Electrocatalyst Development
- Aluminium Ion Cell Development
- Development of Flow Battery
- Development of Fuel Cell
- Vanadium Recovery from Spent Catalyst from Industry
- Overall Electrochemical System Work

Technology Licensed: NA (Executed many consulting work for industries)

Interested Industry member kindly connect through:
Email Id: icc-industryacademia@iccmil.in

Technologies (Proof of Concept- POC)

- Vanadium Redox Flow Battery Development (TRL7)
- Polymer Electrolyte Membrane Fuel Cell (TRL4)
- Polymer Composite Bipolar Plate (TRL5)

Technologies under development:

- Aluminum Ion Cell
- Water Electrolyzer
- Metallic Bipolar Plate Development
- Separator Development

Targeted Industries:

- Tower Industry
- Renewable Energy Generation Industry
- Chlor-Alkali Industry
- Fertilizer Industry
- All Industries for Backup or Green Energy

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