

Task

Turn Your Imagination Into Reality
Create Unique & Innovative Ideas Yet Feasible In The Below Mentioned Domains
Ideas should be relevant to HVAC

Domain 1**Advanced Energy Efficiency Technologies**

- Advanced Humidity Control Technologies
- Sensible-Latent load Decoupling Architecture
- Smart Control & Adaptive Algorithms
- System-Level Energy Optimization

Domain 2**Alternate Cooling Technologies**

- Solid-State Cooling Technologies
- Hybrid Cooling Architectures
- Passive & Semi-Passive Cooling Systems

Domain 3**Development of a Safety Architecture for Flammable Refrigerant (A3) Systems (Split AC and Heat Pump)**

- Active Safety Mitigation
- Leak Detection & Sensing Technologies
- Ignition Prevention & Intrinsic Safety Design
- Intelligent Control & Predictive Safety

Mandatory Notes :

- **Please submit one sheet for each Idea as per prescribed format (Next Page)**
- **Detailed presentation should be prepared for all ideas**
- **Shortlisted ideas for second round need to make comprehensive presentation**
- **There is no limitation on giving ideas/domain selection by team/member**



Concept Title :

Domain:

Members Name & Department :

Visualization of the concept (Sketch)

Idea/Solution

Explain in detail about the idea/solution

Technical Feasibility

Explain in detail how the idea is practically possible to implement in the product

Value to Customer

Explain in detail how the idea will be beneficial to the customer. Explain what problem we are solving or added value for the customer

Business Benefit

Explain in detail how the idea will be beneficial to the business

Innovativeness

- Breakthrough Innovation
- Consumer Centric
- Confidence in customer Appeal

Technical Feasibility

- Potential to be developed as a product or solution within few years
- Relevant Technologies
- Strategic fit
- Implementation feasibility

Business Attractiveness

- Business Benefits (Revenue /Profit) with lowest cost & investment
- Degree of connect with consumer need

Competitiveness

- Uniqueness
- Differential Value Proposition from Competitors
- Combinations of assets that provide competitiveness (eg. 1st mover and patents)

- The Solution Should Be For HVAC Only
- Judgment Criteria is for Both Stage 1 & Stage 2
- The score For Each Criteria With be 25
- The Stage 1 closes on 5th March
- Shortlisted ideas for second round will be notified Soon