

Category I

(Format for pre-proposal Technical Document to be uploaded as PDF)

1. Problem Definition & Knowledge Gap

What is the proposed breakthrough? What fundamental scientific/technological question is being addressed? Current state-of-the-art and the Knowledge gap or unresolved challenge.

2. Novelty & Advancement Beyond State-of-the-Art

How does it go beyond incremental advances? What makes it potentially paradigm-shifting? How will it redefine or deepen foundational understanding?

3. Research Approach & Feasibility

Methodological approach / High-level execution logic or phases (no detailed work plan required)

4. Figures / diagrams, if any)