# Entrepreneurship And Innovation Cell, SAKEC

Guideline and Evaluation Criteria Sheet for Idea Submission

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| --- | --- | --- | --- |
| **Idea** **Title:** | | | |
| **Team** **Leader** **Name:** | | **Email:**  **Contact** **no:** | |
| **Idea** **Type:** *(can* *select* *multiple)*  Introduction of new or improved services Introduction of new method of production/ process Opening of new market  Exploration of a new source & supply  Reengineering/ organization of business management process. | | **Theme** **Name** *(Annexure* *1)***:** | |
| **Sl.** **No.** | **Parameters** | **Total** **Marks** | **Marks** **Obtained** |
| **1.** | **Relevance** **of** **Problem** **&** **Solution** | **15** **Marks** |  |
| **(a)** Whether the identified problem really exists in Society/Market/ Industry? | *10* *Marks* |  |
| **(b)** “How big is the problem”? *(Low,* *Moderate,* *High)* | *5* *Marks* |  |
| **2.** | **Feasibility** **of** **solution** **(SMART)**  *(Check* *the* *appropriateness* *of* *the* *proposed* *solution)* | **25** **Marks** |  |
| **(a)** **Specific-** How specifically the proposed solution resolves the identified problem. | *5* *Marks* |  |
| **(b)** **Measurable-** Whether the proposed solution is measurable and step wise approach towards innovation is followed | *5* *Marks* |  |
| **(c)** **Attainable-** Clarity of team. Is the team competent enough to develop the solution and achieve its objectives? | *5* *Marks* |  |
| **(d)** **Realistic-** Given the resources available, how realistic is the team’s approach to achieve the solution in time bound manner? | *5* *Marks* |  |
| **(e)** **Timeline-** How confident is the team with the proposed solution & timeline to complete the prototype (TRL 2 or TRL 3 in 2-3 months) *(refer* *Annexure* *1 Below)* | *5* *Marks* |  |
| **3.** | **Applicability** **of** **Solution** | **10** **Marks** |  |
| (a) Usability: Level of acceptance of Solution/Features among target group | *2* *Marks* |  |
| (b) Scalability: Adoption Potential of Solution as Business Model/Start-up | *2* *Marks* |  |
| (c) Economic Sustainability: Potential of solution to Become profitable or financially viable | *2* *Marks* |  |
| (d) Environment Sustainability: Potential of solution to become environment friendly or address environment problems | *2* *Marks* |  |
| (e) Existence of Intellectual Property Component, if any? | *2* *Marks* |  |
| **Total** | | **50** **Marks** |  |

## Annexure 1

**Themes:**

1. Healthcare & Biomedical devices
2. Agriculture & Rural Development
3. Smart Vehicles/ Electric vehicle/ Electric vehicle motor and battery technology.
4. Food Processing.
5. Robotics and Drones.
6. Waste management.
7. Clean & Potable water.
8. Renewable and Affordable Energy.
9. IoT-based technologies (e.g. Security & Surveillance systems etc)
10. ICT, cyber-physical systems, Blockchain, Cognitive computing, Cloud computing, AI & ML

**9 stages of TRL:**

* TRL 0: Idea. Unproven concept, no testing has been performed.
* TRL 1: Basic research. Principles postulated observed but no experimental proof is available.
* TRL 2: Technology formulation. The concept and application have been formulated.
* TRL 3: Applied research. First laboratory tests completed; proof of concept.
* TRL 4: Small-scale prototype built in a laboratory environment ("ugly" prototype).
* TRL 5: Large-scale prototype tested in the intended environment.
* TRL 6: Prototype system tested in an intended environment close to expected performance.
* TRL 7: Demonstration system operating in the operational environment at a pre-commercial scale.
* TRL 8: First of a kind commercial system. Manufacturing issues solved.
* TRL 9: Full commercial application, the technology available for consumers.

For any Query:

Write us at email: [info@ecellsakec.in](mailto:info@ecellsakec.in) with email subject line: “***Project Pillar 2022 Query***”