



॥ उद्यमशीलता समृद्धिम् आनयति ॥

## Entrepreneurship And Innovation Cell, SAKEC

### Guideline and Evaluation Criteria Sheet for Proof of Concept (PoC) Submission

<b>Proof of Concept (PoC) Title:</b>			
<b>Team Leader Name:</b>		<b>Email:</b>	
<b>PoC Type: (Multiple Select, Tick Appropriates)</b> 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		<b>Contact no:</b>	
		<b>Theme Name:</b>	
<b>Sl. No.</b>	<b>Parameters</b>	<b>Total Marks</b>	<b>Marks Obtained</b>
<b>1.</b>	<b>Relevance and Validation of Problem &amp; Solution</b>	<b>15 Marks</b>	
	<b>(a)</b> Is the proposed Solution/Concept having ability (is effective) to address the Identified problem to a major extent?	<i>10 Marks</i>	
	<b>(b)</b> Is the proposed Solution/Concept considered to be one of best alternative (or) Only Solution to the Identified Problem?	<i>5 Marks</i>	
<b>2.</b>	<b>Feasibility of solution (SMART)</b> (To Check the appropriateness of the proposed solution)	<b>25 Marks</b>	
	<b>(a) Specific-</b> Does the PoC set the objectives and delineate the objectives of solutions clearly?	<i>5 Marks</i>	
	<b>(b) Measurable-</b> Does the PoC explained the approach or method with milestones to achieve objectives mentioned above to develop the Solutions?	<i>5 Marks</i>	



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	<b>(c) Attainable-</b> Does the solution with objectives and millstones provided by PoC team is attainable/doable if enough time and resources will be provided?	5 Marks	
	<b>(d) Realistic-</b> Does the solution with objectives and millstones provided by PoC team is attainable in the time, with available resource and skillset of the team?	5 Marks	
	<b>(e) Timeline-</b> Does the time period for millstones give is realistic and level of confidence of team to complete the stages to reach prototype/Innovation in the given time period. (TRL 2 or TRL 3 in 2-3 months)	5 Marks	
<b>3.</b>	<b>Applicability of Solution</b>	<b>10 Marks</b>	
	(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	
	<b>Total</b>	<b>50 Marks</b>	



## 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"***