



APPLICATION FORM FOR DST-iTBI IGNITION GRANT

Instructions for Application Submission

This application form can be downloaded and filled out. It shall be submitted to BIC@PU email (pubics@periyaruniversity.ac.in) by the eligible applicants. Please tag the file name of the application as “DST iTBI - BIC@PU – IG1 – Name of the Applicant – 2024”. The last date for submission of Ignition Grant application is **07.08.2024**.

Welcome Innovators/Startups

The DST i-TBI Ignition Grant is designed to support your vision for transforming the food and agritech sectors. We're looking for passionate and skilled teams with innovative solutions that address critical challenges in the food and agritech sector. The ignition grant provides critical funding support to early-stage startups, empowering to transform ideas into functional prototypes with strong commercial potential.

Please complete the following sections. We encourage you to provide detailed and well-structured responses to each section of the form. The information you share will be carefully reviewed by our Screening cum Monitoring Committee to identify promising ideas.

Contact Information:	
Team Lead Name:	
Mobile Number:	
Email Address:	
Contact address:	

1. PROBLEM AND SOLUTION

1.1.PROBLEM: Define the food & agritech problem statement (*not exceeding 50 words*)

1.2.SOLUTION: Explain how your innovative solution addresses the problem more effectively than existing options. (*not exceeding 200 words*)

1.3.POTENTIAL IMPACT: Quantify the potential impact of your solution on the food and agritech industry (e.g., increased yield, innovative product/process, reduced food waste). *(not exceeding 150 words)*

2. MARKET AND OPPORTUNITY

2.1.TARGETING THE FOOD & AGRITECH VALUE CHAIN: IDENTIFYING KEY STAKEHOLDERS: Describe the target market for your solution focusing on stakeholders within the food and agritech value chains. *(not exceeding 100 words)*

2.2.MARKET SIZE AND GROWTH POTENTIAL: Describe the unmet market need that your solution addresses and quantify the market size and growth potential. *(not exceeding 150 words)*

2.3. DEMONSTRATING MARKET FIT: Demonstrate how your solution aligns with current trends and challenges in the food and agritech sectors. *(not exceeding 100 words)*

3. TECHNICAL FEASIBILITY

3.1.BUILDING THE PROTOTYPE: TEAM EXPERTISE AND DEVELOPMENT STRATEGY: Does your team possess the necessary technical expertise or plan to acquire it to develop a functional prototype? . *(not exceeding 100 words)*

3.2.VALIDATING IN THE FIELD: ASSESSING TECHNICAL FEASIBILITY IN FOOD & AGRITECH: How will you validate the technical feasibility and performance of your prototype in a relevant food and agritech context? *(not exceeding 150 words)*

4. GO-TO-MARKET STRATEGY

4.1.UNDERSTANDING FOOD & AGRITECH CUSTOMER: ADOPTION BEHAVIOR AND PURCHASE POWER: Demonstrate your understanding of the target market for your solution, including their adoption behavior and purchasing power. *(not exceeding 150 words)*

4.2.REACHING AUDIENCE: CREATING AWARENESS IN THE FOOD & AGRITECH ECOSYSTEM: How will you reach your target audience and create awareness for your product within the food and agritech ecosystem? *(not exceeding 150 words)*

4.3.TESTING: PILOT PLANS AND CUSTOMER VALIDATION IN FOOD & AGRITECH: Do you have a preliminary plan for piloting or testing your solution with potential customers? *(not exceeding 150 words)*

5. TEAM CAPABILITY

5.1.INTRODUCING YOUR CORE TEAM: Introduce your core team members, highlighting their relevant skills and experience in food and agritech (technical, agricultural, business development, etc.).

Founding Team				
Name	Qualifications	Experience Summary	Key Skills	Commitment (Part time/Full time)

Key Advisors and Mentors

Name	Qualifications	Experience Summary	Key Skills	Commitment (Part time/Full time)

5.2.TEAM PASSION AND LONG-TERM COMMITMENT: Demonstrate your team's passion for the project and their long-term commitment to its success in the startup space. *(not exceeding 150 words)*

5.3.LEVERAGING THE I-TBI GRANT: PROTOTYPE DEVELOPMENT: How will your team leverage the i-TBI grant to develop the prototype and contribute to the growth of the startup?

6. BUDGET, MILESTONES & IMPACT

6.1.MILESTONES AND TIMELINE FROM CONCEPT TO PROTOTYPE Describe your plan for developing a functional prototype, including timeline and key milestones (Use format described below). Briefly list your key milestones in prototype development (e.g.) Milestone 1: Design finalization, Milestone 2: Component acquisition, Milestone 3: Prototype assembly, Milestone 4: Prototype testing, Milestone 5: Prototype validity, Milestone)

Milestone	Activities to achieve milestone	Month of Completion							
		August, 2024	September, 2024	October, 2024	November, 2024	December, 2024	January, 2025	February, 2025	March, 2025
1									
2									
3									
4									
5									

6.2.BUDGET PROPOSAL FOR PROTOTYPE DEVELOPMENT: Explain how much budget is required for the development of prototypes and products with quarterly expenditures in the key expense category (use the format described below).

Category	Description	Estimate	Quarter 1 (1-3 months)	Quarter 2 (4-6 months)	Quarter 3 (7-9 months)	Justification
External Expertise	Include costs associated with outsourcing R&D, design engineering, consultancy services, testing, or expert consultations needed for prototype development.					Detail the specific services required from external experts and their estimated costs. Explain how their expertise is crucial for successful prototype development
Raw material or Consumables or Spares	List all raw materials, consumables, and spare parts required for prototype development (e.g., electronics components, fabrication materials, lab supplies).					Specify the types and quantities of materials needed. Explain how each material contributes to building the prototype's functionalities. Provide estimated costs for each item.
Fabrication or Synthesis charges of working model or process	Include costs for fabrication services or synthesis processes required for prototype components that cannot be built in-house (e.g., PCB manufacturing,					Detail the specific fabrication or synthesis services required and their estimated costs. Justify why outsourcing these processes is necessary for certain components.

	specialized machining, biomaterial synthesis).					
Travel and Event participation	Allocate budget for any essential business travel or participation fees in events relevant to prototype development (Ceiling 10% of approved project cost)					Specify the purpose of any planned travel or event participation and how it contributes to the project's goals. Ensure travel and event expenses are justified and directly related to prototype development.
Intellectual Property Rights	Include costs associated with filing a patent application for your innovation (PCT-Ceiling 10% of the approved project cost).					If applicable, detail the estimated costs for filing a patent application related to your prototype
Contingency	Include a buffer amount (Ceiling 10% of approved project cost) to account for unforeseen expenses during prototype development.					Briefly explain the purpose of the contingency fund and its importance in mitigating potential cost overruns.

6.3.ALIGNING WITH I-TBI'S VISION: HOW YOUR PROTOTYPE DRIVES INNOVATION IN FOOD & AGRICULTURE

How will the successful development of your prototype contribute to the overall goals of the i-TBI program (e.g., innovation in food and agriculture,)?

7. SUSTAINABILITY

7.1.BUILDING A SUSTAINABLE FUTURE: LONG-TERM FINANCIAL VISION OF YOUR STARTUP

Do you have a preliminary vision for how your product or service will achieve long-term financial sustainability within the food and agritech industry? *(not exceeding 150 words)*

7.2.BEYOND THE PROTOTYPE: NEXT STEPS FOR SUCCESS

Outline your next steps after prototype development, such as securing further funding or pursuing commercialization in the food and agritech space. *(not exceeding 150 words)*

8. DECLARATION

I certify that the information contained in this application is correct to the best of my knowledge. I understand that if the information provided by me is falsified my application is cancelled for ignition grant or eviction from the DST iTBI division of BIC@PU in future, if incubated/pre-incubated. In consideration for my application, I agree to abide by the rules and regulations of the DST iTBI of BIC@PU, which rules may be changed, withdrawn, added or interpreted at any time, at the DST iTBI of BIC@PU's sole option and without prior notice to me. I also acknowledge that my incubation may be terminated, or any offer or acceptance of incubation/pre-incubation withdrawn, at any time, with or without cause, and with or without prior notice at the option of the DST iTBI of BIC@PU. I also strongly agree that for the suitable legal action by DST iTBI of BIC@PU, if my ignition grant is terminated in midway due to my falsified information as stated in the ignition grant agreement.

I myself or authorized persons of the startup company (list the authorized name of the applicants) is fully responsible for providing necessary information and documents related to ignition grant application.

Name and Signature of the Applicants

Seal of the Startup