**INSTITUTE OF AERONAUTICAL ENGINEERING**

**(Autonomous)**

Dundigal, Hyderabad - 500 043

**TECHNOLOGY INNOVATION AND INCUBATION CENTRE (TIIC)**

**Call for Innovative Solutions to Local Problems**

**1. Personal Details (Team Leader)**

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| --- | --- | --- | --- |
| Name  |  | Roll. No |  |
| Branch  |  | Class / Section |  |
| Aadhaar Number |  |
| Name As per Aadhaar  |  |
| Date of Birth  |  |
| District  |  |
| Email ID |  |
| Mobile Number  |  |
| Category  | General / OBC / SC / ST / Others  |
| Qualification |  | PAN Number  |  |
| Work Experience  |  |
| Personal Address  |  |

**2. Sector of the challenge** (Please tick the appropriate sector)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Aerospace and Defence  |  | Agriculture  |  | Artificial Intelligence  |  | Airport operations  |
|  | Automotive  |  | Computer Vision  |  | Construction  |  | Design  |
|  | Green Technology  |  | Enterprise Software  |  | Nanotechnology  |  | Non- Renewable Energy |
|  | Internet of Things  |  | Renewable Energy |  | Safety  |  | Transportation & Storage |
|  | Technology Hardware |  | Telecommunication & Networking |  | Waste Management |  | Animation |
|  | Art & Photography |  | Biotechnology |  | Chemicals |  | Fashion |
|  | Logistics |  | Textiles & Apparel |  | Healthcare & Life sciences |  | Robotics |

**3. Synopsis of the Idea**

3.1. Background for getting the idea

a. Who is it for?

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b. What will it do?

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c. Which are the potential markets?

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d. Any unique features? Explain?

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e. Is there enough demand?

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f. Can customers afford it?

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g. Why will they buy it?

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h. What is your motivation for doing it? (Statement of Purpose)

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3.2. Is it a new concept?

If Yes - How can you stop competitors from introducing similar offerings?

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If No- What kind of competition is existing? What are they offering? How are your product/ service going to be different/ unique?

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3.3. How are you going to sell your product or service to potential customers?

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3.4. How frequently will customers make "repeat purchases" of your product or service?

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3.5. How simple or complex will the idea's execution or implementation be? What are the risk factors involved in executing the idea?

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3.6. How soon could the idea be put into operation?\*

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4. What is the break-even point and estimated time-frame? Having deducted your costs what "margin" can you make on your product or service?

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5. a. How much investment would you need to commercialise the idea?

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5. b. What seed funding support would you want from the Incubator?

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5. c. How will you raise the balance funding required?

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5. d. What is the other support apart from financial you will need from the incubator?

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6. a. Why are you the best suited person to execute this idea?

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6. b. Please share the capabilities of you/ your team in finance, sales, marketing, operations and technical knowledge?

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7. How do you intend to protect your idea (i.e. your intellectual property or IP)?

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8. Submit a video of the idea (if available provide YouTube link – Max 2 Minutes duration)

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9. Attach any design or drawing (PDF or JPEG format)

10. Attach a business plan if you would like to add (PDF)

11. Attach any additional information you would like to add (PDF format)

12. Attach profiles of team (PDF format)

(Name & Signature of Student)