

Proposal Format for iNiF Project Proposals

1. Project Title:

2. Team Details:

Name:

Department:

Email ID :

Mobile Number :

3. Faculty Mentor Details:

Name:

Designation:

Department:

Email ID:

Mobile Number:

4. TIH PPT Verticals (tick appropriate one)

- ☐ Quantum Technologies for Positioning
- ☐ Image Spectroscopy
- ☐ Precision Agriculture
- ☐ Natural Resource Management
- ☐ Disaster Management
- ☐ Remote Sensing and Image Processing
- ☐ Visualization Tools
- ☐ Smart and Sustainable Cities
- ☐ Defence Applications

5. Executive Summary/Problem Statement

You can add a pictorial representation of the expected prototype and abstract of the proposal (Maximum 250 words). The idea must be original and innovative and crystal clear. It should mention what sort of socially and locally relevant problem it will solve and must be with quantifiable outcomes.

6. Objectives

Maximum 3 bullet points (spanning all the phases of the project development)

7. National and International Status of your idea

You have to check the background of your ideas including up to date literature review and recent related industrial developments. Maximum 500 words.

8. Technology Gap

Have you identified the gap? Indicate clearly the gap between the existing developments or research and the proposal/objectives planned. Indicate briefly how the proposal fills it? Maximum 250 words.

9. Significance of the Project

Why should we consider your project? Indicate the impact of materializing each objective of the project. Maximum 250 words

10. Novelty of the Project

How does your project differ from others? Highlight the contributions planned or novel features of the prototype that may emerge out of realising the project. Maximum 250 words

11. Social Relevance of the Project

What is the need for the project in the current world? Indicate its social and local relevance wrt the current developments in the field. Maximum 250 words

12. Methodology

Provide a detailed methodology indicating the different phases of the project, clearly specifying the deliverables in each phase. Depict the methodology with flow charts and/or block diagrams etc. Maximum 2 pages.

13. Focused Industry/Sector

Provide the details of the focused industry/sector based on the proposal indicating the industry gap and the advantages of the proposed solutions.

14. SWOT Analysis

Provide the strength, weaknesses, opportunities and threats of the proposed solution

15. Budget

Provide the detailed budget with proper justifications that includes manpower, equipment, travel, contingency, consumables, institute overheads, etc

16. Commercial Details and ROI Plan

Provide the details of the commercialization of the product. Details of the statistical analysis of the product market, profitable outcome of the product solution, demand and supply, how it could impact the commercial sector of the respective industry.

17. Timeline

Provide PERT and GANTT CHART, clearly indicating the timeline for each of the Phases and indicating key deliverables in each phase.

18. Deliverables/Outcomes

Provide at least two deliverables and one outcome, with all the details and the mode of deliverable, such as the kind of software used or developed, the platform of working, compatibility with other systems in use/terms of usage etc.