

DST NM-ICPS Technology Innovation Hub on Autonomous Navigation and Data Acquisition Systems (UAVs, ROVs, etc.) – TiHAN at IIT Hyderabad

Annexure A: Proforma for submission of RnDI Project Proposal By ST

Project Title: _____

i Provide the title of the project.

1. Organization

i a) Name, b) Address, c) Legal status (indicate if Government Department, Statutory, Corporate Body, Registered Society, Private Company with recognized R&DI unit, EIR, Startup, SSS etc.)

2. Management

i Mention the PI and Co-PI details.
1. Name:
2. Designation/ Status (BTech, year Student)
3. Department:
4. Institution:
5. Postal Address:
6. Email:
7. WhatsApp no:

3. Duration of the Project

i Mention the duration of project (Max. 12 months)

4. Context/Background

i This section should provide a general description of the project being proposed highlighting the relevance and importance (Max. 1000 Words).

5. Problems to be addressed

i Should specify the clear challenges and problems that will be addressed as part of this project (Max. 1000 Words).

6. Objectives and Deliverables

i Provide clear objectives and deliverables goals of the project (Max. 1000 Words).

7. Technology

i This section should elaborate the technology Research, Design, and Development plan for achieving the above-described objectives and deliverables and the Technology Readiness level (Indicate TRL both at start of project and end of project) Max. 8 pages with font size 11).

8. Timelines

i Month wise break-up of physical achievements with specific intermediate milestones, provide timelines using PERT/Gantt chart.

9. Expected Outcomes

i Please provide the following:

- A. Specifications of subsystem/system and translational research outcomes
- B. Plans for Commercialization
- C. Manpower trained (Level and No.)
- D. No. of Technology Products, Publications, IPRs, etc.
- E. TRL level at end of Project

10. Target Beneficiaries

i Provide the list of target beneficiaries. Suggested to consult various stakeholders (public or private) for their participation in the project (Max. 500 Words).

11. Strategy

i Please provide the execution strategy for achieving the developmental objectives in the proposed timeline. Also, exploration plans for additional funding through alternate sources (public or private) should also be listed (Max. 500 Words).

12. Legal Framework



Should present the legal framework for the implementation of the project (Max. 200 Words).

13. Environmental Impact



State the environmental impact of the proposed objectives (Max. 200 Words)

14. Finance



Provide in a table the Quarterly (Every 3 Months column) budget under headings (1) Capital Equipment, (2) Consumables, (3) Manpower, (4) Travel, & training (5) Technology Development, (6) Contingency & other expenditure and (7) HRD & Skill Development (8) Overhead. Provide justification for each of the heads

A: Budget Table of the participating Institution

SL. No	Budget Head	1st 3mo (Rs)	2nd 3mo (Rs)	3rd 3mo (Rs)	4th 3mo (Rs)	Total (Rs)
1	Capital Equipment					
2	Consumables					
3	Manpower					
4	Travel & Training					
5	Technology Development					
6	Contingencies					
7	HRD & Skill Development					
8	Overhead					
	Grand Total					

B: Contribution From the industry/Startup: Rs. _____(lakhs)

Note: Provide (1) List of equipment & consumables and 2) quotations of the equipment / consumables if available as supporting documents.

15. Details of Academic Collaborators



Provide list of national or international collaborators. Attach the expression of interest from the partners,

16. Details of Industry Partners



Provide list of national or international industry partners

Signature of Principal Investigator

Name:

Designation:

Date:

Signature of Head of the Institution/ Organization

Name:

Designation:

Date: