

Annexure 1

Project Proposal Format:

Invitation for Proposal to Conduct Indo-US Collaborative Research

Project Ref No. _____
(to be given by office)

1. Area Code (Please tick the appropriate box and also write sub theme):

1.	Communication, circuits and Sensing system	
2.	IIS- Information, Integration and Information, Robust intelligence	
3.	Foundation Research in control of automated systems	
4.	Assistive Integrative Sensing Tools for eye diseases Retinopathy and Glaucoma	
5.	Data-Driven Deep learning methods to Analyse Heterogeneous networked Data with applications to disease and medicine	
6.	Semi-Automated Rehabilitation in the Home using Sensors and Actuators	
7.	Wearable devices with sensors and actuators for medical assistance including rehabilitation, managing sleep disorders and medical visualization with endoscopes.	
8.	Cube satellites	

Sub theme (as per the advertisement):

2. Title of the Project :

3. Proposed Duration of the Project: _____ Months

4. Principal Investigator (PI)

Name	
Designation	
Department	
Institution	
Postal Address	
E-mail	
Date of Birth :	

4b. Co-Principal Investigator (Co-PIs)

Name	
Designation	
Department	
Institution	
Postal Address	
E-mail	
Date of Birth :	

4c. Industry Collaboration

5. Ongoing / Completed Projects with the Principal Investigator :

S. No.	Project Title	Sponsoring Agency	Budget Rs (approx)	Status
1				
2				
3				

6. Project Summary (Maximum of 2 pages):

7. Objective (Bullet form):

8. Review of status of Research and Development in the subject (Maximum of 2 pages)

8.1. Importance of the proposed project in the context of current status (Maximum 1 page) (Highlight what is the new area or gap which will be solved in the project in relating to what is already known. This is a very important section to project the novelty content of the proposal)

9. Work Plan:

9.1 Methodology: (Maximum of 5 pages) (It should contain all the details of how each of the objectives will be addressed. This section must be detailed and have clear plans, not vague and generalized statements. It should have several schemes, tables, figures, equations etc. in addition to text, explanation and justification of why the project research plan will work)

9.2 Time Schedule of activities giving milestones through BAR diagram.

9.3 Suggested Plan of action for utilization of research outcome expected from the project. (Maximum 1 page)

10. Deliverables:

10.a: Technologies, products, IPRs,

10.b: Any other Research output

10.c: Entrepreneurship Development/ techno-commercial incubation

10.d: Start-ups and Spin-off companies

10.e: Employment generation

11. Risk analysis. (Maximum ½ page)

12. Budget:

Head	First Year	Second Year	Third Year	Total Grant (in INR only)	Justification
Manpower					
Consumables					
Travel					
Equipment (Minor) Indigenous only					
Contingencies					
Other cost:					
Overhead (10%)					
Total					

13. Expertise:

13.1 Expertise available with the investigators in executing the project:
(Maximum 1 page) (Professional expertise existing with each of the investigators in terms of publications, Patents and preliminary results, to execute every component of the proposal should be highlighted)

13.2 Key publications (Full Reference with Impact Factor) and Patents (IPR) of the Investigators pertaining to the theme of the proposal during the last 10 years

14.1 Infrastructural Facilities available with PI

14.2 Equipment available with the Institute/ Group/ Department/ for the project: (Related to this project)

15. Endorsement letter from the PI and Co-PIs Institute

Eligibility:

Researchers in the field of topical priority areas as mentioned above may propose a collaborative project with their US counterpart. Indian researchers, experts can identify potential US counterpart via information posted [here](#). The financial assistance may be used by the project team to support the time of the PI, co-PIs, other senior personnel, postdoctoral fellows, graduate students, undergraduate students or travel to conduct collaborative research with US researchers.

Industry participation will be encouraged.

The program is maximum for one year with deliverable from 1st year onwards. The investigators may be permitted to use the facility of IITM-PTF as per the Institute terms and conditions.

Duly Filled project should be submitted online in the format as provided on website pravartak.org.in on or before **April 25, 2022**.

For any queries contact coordinator@pravartak.org.in