

Dear Colleague Letter: Supplemental Funding Requests to Conduct US-India Collaborative Research

Date February 11, 2022

Dear Colleagues:

OPPORTUNITY

With this Dear Colleague Letter (DCL), IITM-Pravartak Technologies Foundation, the Technology Innovation Hub (TIH) of IIT Madras wish to notify the researchers working in the area of Sensors, Networking, Actuators and Control Systems (SNACS) projects of their intention to support **supplemental funding requests for active research awards to conduct India-United States (India-US) Collaborative Research**. These supplemental funding requests are anticipated to be up to INR 2,00,00,000/-. Funded supplements will provide support for periods of up to one year, but not to exceed the existing award periods. Funded supplements will provide support for periods of up to one year, but not to exceed the existing award periods.

NSF has developed a document (Dear Colleague Letter: DCL) to inform its research community of its intention to pursue US-India collaborative research. The document defines eligibility, proposal formats, selection criteria and mechanisms for funding the joint work.

IITM-PTF encourages you to utilize the information provided at <https://usiai.iusstf.org/building-collaborations> to learn about specific topics, workshops, and networking opportunities. For additional guidance on the scope, please contact the IITM-PTF team, details of the same has been mentioned at the end of this document.

ELIGIBILITY

Academic researchers already engaged in projects or short-listed for project grant by IITM-PTF (at the time of proposal submission) may propose a collaborative project with their US counterpart. Indian researchers, experts can identify potential US counterpart via information posted at <https://usiai.iusstf.org/building-collaborations>. 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.

Active IITM-PTF funded researchers work in the following areas

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

may propose, as part of their supplemental funding requests, a collaborative project with their American counterpart.

HOW TO APPLY

All project proposals will be subjected to IITM-Pravartak Technologies Foundation proposal evaluation process. The proposals should be submitted to coordinator@pravartak.org.in Each project proposal must follow the same format as specified [Project Proposal Format](#) as provided in Annexure I of this DCL and must be in the same scope as the proposal submitted in response to a Dear Colleague Letter (DCL) from the NSF. The content in the project proposal should be organized by addressing the following items:

- Executive Summary covering the gist of the entire proposal
- The project description (this should be the same as submitted to the NSF)
- Bio-sketch of the US lead partner (one page)
- Deliverables, Project timelines and major milestones
- Details of budget and resources with a justification for the same

WHEN TO APPLY

The deadline for submission of project proposal for consideration is within a week of submission of a proposal to the NSF. This Invitation for Proposal of Indo- US collaborative research will remain active till **April 25, 2022** for the first round of screening.

PIs interested in submitting supplemental funding requests (or with other questions pertaining to this DCL) are strongly encouraged to contact one of the following persons prior to submitting:

Dr. M J Shankar Raman, CEO, IITM-PTF (ceo@pravartak.net)
Coordinator IITM-Pravartak coordinator@pravartak.org.in