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Sent: 27 January 2022 09:41
To: saha@mech.iitd.ac.in; Ashutosh Sharma; Prof-in-Charge, TIH; coo@tihanb.org; Cto; Mayank Vatsa; cto@ihub-drishti.ai; ash@isical.ac.in; ashisi@gmail.com; kama@cse.iitm.ac.in; R.K.Singh; rprakash.mst@iitbhu.ac.in
Cc: Dr. Dhananjay Tiwary; Singh, Gurdip
Subject: Updates and Requests: DCL release and workshop input (important and time sensitive)
Attachments: Timeline for TIH input 2022-01-26.docx
Importance: High

Dear colleagues at IIT Delhi, Bombay, Madras, Jodhpur, BHU, and IISc Kolkata,

We have a number of important and time sensitive requests for input and updates to share with you regarding our NSF-TIH collaborative research plan (summary of timeline in attached). Thanks in advance for your quick response to Gurdip, Dhananjay, and me. We are excited to be so close to supporting joint US-India research with you!

Request for Proposals (aka Dear Colleague Letters)

On Friday the NSF Dear Colleague Letter (DCL) will enter its final step in the approval process. We are prepared to release our DCL the week of February 7, and we would like to coordinate with you, so that we can time the releases within couple days of each other. **Status update request by Jan 28: *Where is your hub in the process for approval of your DCL/request for proposals? Can you be ready to release it as soon as February 7? Has anything changed that we should be aware of?***

Building Collaborations PI Workshop

NSF has been working with the Indo-US S&T Forum and [Know Innovation](#) to design a two-day virtual workshop where our research communities will come together to meet potential collaborators and share ideas on projects. The goal of the workshop is to catalyze new research collaborations that would lead to competitive research proposals (i.e., supplement requests in response to NSF's DCL, and proposals to six DST-funded TIH). Day 1 will include welcoming remarks by DST and NSF, an overview of the TIH research themes, and breakout sessions organized/hosted by each TIH. Day 2 will include opportunities for discussion on research topics suggested by the day 1 participants, and opportunities for potential applicants to speak with NSF or TIH program officers. We will share the agenda next week.

In advance of the workshop, we have four requests of TIHs:

1. Prepare a slide deck for the workshop registration website by February 4. Slide-decks will be released on the workshop website the week of Feb 7 to coincide with the release of the DCLs. The target audience is U.S. researchers interested in identifying which TIH are a good match for their expertise and research interests. The 15-20 slides should cover the following topics. Recommended numbers of slides for each topic are included in parentheses, though TIHs may modify this.

1. Overview: Mission/ Vision/ Goals of the TIH, URL (3)
2. Research: Grand Challenges, AI and related topics, Application Areas (4)
3. Collaborations: Industry, Academia Partners (2)
4. Key Research Personnel: Faculty affiliated with the TIH and/or invited to the workshop and their research interests [This list could include the 4-6 PIs the TIH are planning to invite] (3)
5. Timeline, Plan for new research activities, and Milestones (1)
6. Priority Areas for new US India Collaborations (3)
7. Keywords: Using the agreed upon taxonomy (1)

Additional TIH material (video, manuscripts) may also be uploaded to the workshop website.

Each of the participating TIHs has a corresponding call for proposals to inform its respective research community of its intention to pursue US-India collaborative research, and these documents are posted at <https://usiai.iusstf.org/building-collaborations>. Each of the Indian calls for proposals defines eligibility, proposal formats, topical areas, selection criteria and mechanisms for funding the joint work.

For additional guidance on the scope, please email the NSF-India program team at india-collaboration@nsf.gov. There will be a virtual workshop on March XX and YY, 2022, with presentations from the participating TIHs and opportunities for networking. NSF-funded researchers are encouraged to utilize the information provided at <https://usiai.iusstf.org/building-collaborations> to learn about specific topics, workshops, and networking opportunities.

TIH names and websites

Here are the TIH names and website as they appear in NSF's DCL. If there is a better URL to use or an error in the TIH name, please let me know by January 28. This is the same as you saw in our original DCL, however the IIT Delhi link has been updated.

- [I-Hub Foundation for Cobotics](#) (Indian Institute of Technology, Delhi)
- [Technologies for Internet of Things and Internet of Everything](#) (Indian Institute of Technology, Bombay)
- [Pravartak Technologies Foundation for Sensor, Networking, Actuators and Control Systems](#) (Indian Institute of Technology, Madras)
- [iHub Drishti for Computer Vision, Augmented and Virtual Reality](#) (Indian Institute of Technology, Jodhpur)
- [TIH on Data Science, Big Data Analytics and Data Curation](#) (Indian Statistical Institute, Kolkata)
- [IDAPT \(Data Analytics and Predictive Technology\) Hub Foundation](#) (Indian Institute of Technology (BHU) Varanasi)

This is a lot of information (though you will have seen much of it in my Dec 22 email, just with an earlier anticipated timeline) and just as many requests! Please email me any time with questions, ideas, or concerns. We are looking forward to bringing our science and engineering communities together to do great work.

Happy Republic Day!
Bridget

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