

IHUB ANUBHUTI-IIITD FOUNDATION

(A Section 8 Company Promoted by IIIT-Delhi)

MINUTES OF THE 4th HUB GOVERNING BODY MEETING HELD ON 29th September 2022

The following members were present during the 4th HUB Governing Body (HGB) meeting of iHUB Anubhuti-IIITD Foundation (iHub) held in Hybrid mode (ZOOM and Senate Room, 7th Floor, R&D building, IIITD) on 29th September 2022, at 11.00 A.M:

1. Prof. Ranjan Bose	Chairman
2. Dr. Abhay Karandikar	Member
3. Mr. Ajai Chowdhry	Member
4. Ms. Debjani Ghosh	Member
5. Dr. Venkat Padmanabhan	Member
6. Prof. Uday Desai	Member
7. Prof. Pushpendra Singh	Member& Project Director, iHub

Invitees

Prof. Vikram Goyal	Project Director, iHub
Mr. Abhishek Bhattacharya	Manager, iHub

Leave of Absence

The following members could not attend the meeting due to their prior commitments and were granted leave of absence:

1. Dr. Ekta Kapoor	Member (nominated Ms. Rajani Kushwaha)
2. Mr. Manish Gupta	Member
3. Prof. Narendra Ahuja	Member

Prof. Ranjan Bose welcomed all present to 4th HGB meeting.

Following points were addressed during the meeting:

1. Prof. Pushpendra Singh presented the status of partnerships with BIRAC, Medical Cobotics Center (MCC) and Entrepreneur Park (EP 2.0), the current status of 28 projects which are funded by iHub along with the outcomes related to the matrix as stipulated by DST. He also presented Grand Projects, on which there were very productive discussions, which are summarized below.

A. Intelligent Learning Content for Personalized Education

(Presented by Prof. Vikram Goyal)

Mr. Ajai Chowdhry suggested the following points:

- Application should run in Android OS and should have multiple language options.
- Voice-to-text and text-to-voice facility should be there.
- Meity already has a similar product. Check that out.

Dr. Venkat Padmanabhan suggested the following points:

- The primary focus area should be clearly identified.
- Leverage building blocks from other projects; e.g. “AI for Bharat”
- Ensure digital inclusivity for physically-challenged users.

B. Intelligent Legal Content

(Presented by Prof. Vikram Goyal)

Mr. Ajai Chowdhry suggested the following points:

- Check if some similar work already exists. Duplication of work should not be done. iHub work should provide additional value to existing offerings.
- Connect with top lawyers in Delhi. Mr. Chowdhury has some contact and will introduce for collaborations.

Dr. Venkat Padmanabhan suggested the following points:

- Many start-ups already exist in this domain, so there is always a risk of duplication of work.

Prof. Uday Desai suggested the following points:

- IIIT Bangalore is doing similar for Karnataka High Court. iHub may take their guidance.
- Bring some unique perspective which others are not doing – scan the horizon.
- Check international collaboration specially France and Spain.

C. Intelligent Support System for Mental Health

(Presented by Prof. Pushpendra Singh)

Mr. Ajai Chowdhry suggested the following points:

- Check similar kind of work exists and avoid duplication.
- Target area should be clearly identified.
- iHub should get in touch with a healthcare specialist. Mr. Chowdhry can introduce to the Head of Psychiatry at Max Hospital.

Prof. Uday Desai suggested the following points:

- Additional data sources should be identified, to train AI engine.
- AI engine should run on both app based and cloud based solution.
- Collect data from various sources.

Ms. Debjani Ghosh suggested the following points:

- In market many similar apps already exists, so deeper analysis of the problem should be done.
- An ecosystem for healthcare or good partnerships are a must.
- Look for data just beyond English-speaking population. It may be good to go to the next level; i.e. villages who speak vernacular languages.

D. Intelligent Information Access & Skill Building System for Supporting Public Health

(Presented by Prof. Pushpendra Singh)

Mr. Ajai Chowdhry suggested the following points:

- A Delhi-based NGO (Population Foundation of India) is doing work for women empowerment. Mr. Chowdhury can connect to them.
- Study and analysis should be done.

Prof. Uday Desai suggested the following points:

- Voice based instead of only text based. Mr. Ajai Chowdhry mentioned that there is a start-up which has a multilingual voice-based chatbot, and he can connect to them.
- In next HGB meeting this may be presented.

Prof. Uday Desai mentioned if something in meta verse can be created for the Education Grand Project, to which Ms. Debjani Ghosh mentioned that we should ensure that we build security and inclusion at the design stage itself. It was suggested that this should be studied and a presentation be made in the next HGB meeting.

Related to all 4 Grand Projects, Mr. Ajai Chowdhry summarized that while defining the Grand Projects, we must think of expected impact on a large number of users, ensure it is usable technology and these are not purely research projects.

Dr. Abhay Karandikar observed that there are 28 ongoing projects but the amount of money spent is too small. It indicates that we need to think of bigger projects and make significant impact. It was also suggested that we should align these 28 projects with Grand Projects, so that overall direction is good.

Based on the overall feedback from HGB members, Prof. Ranjan Bose requested that in the next HGB meeting, the Project Directors should address -- What is current state-of-art, how we decide differentiating features, how will this be a game changer, what is the roadmap and what are the timelines for each of the Grand Projects?

2. Dr. Venkat Padmanabhan suggested that there should be continuity from previous HGB meetings; i.e. the next meeting starts with where this meetings ends.

IHUB ANUBHUTI-IIITD FOUNDATION

(A Section 8 Company Promoted by IIIT-Delhi)

3. Regarding next round of funding from DST, Prof. Uday Desai mentioned that based on his experience, it will be difficult for iHub to get additional funds till such time currently disbursed funds are spent. Prof. Pushpendra Singh highlighted the need of funds for non-recurring expenses, as this is impacting project execution.
4. The meeting ended with thanks by the Chairman.

For and on behalf of

IHUB ANUBHUTI-IIITDFOUNDATION



(Prof. Pushpendra Singh)