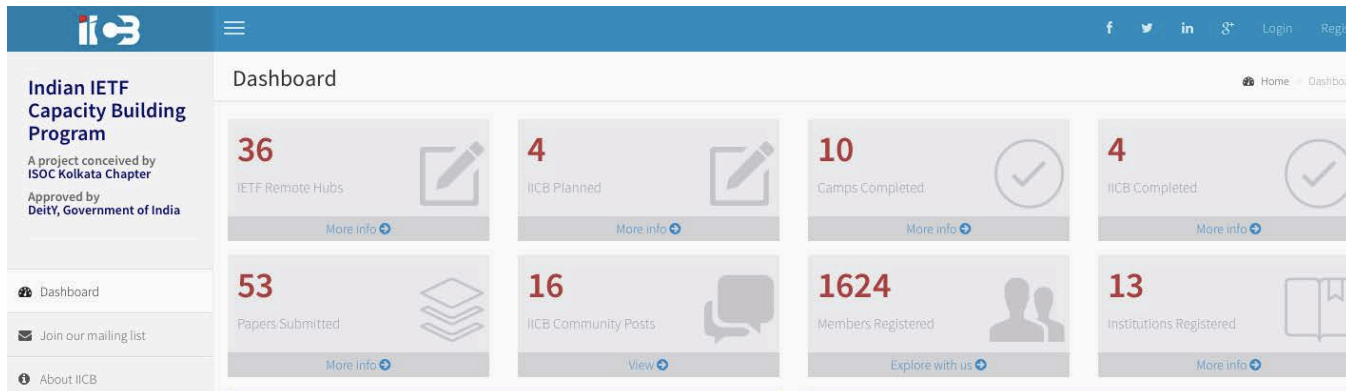# Indian IETF Capacity Building Phase II

ISOC Kolkata Chapter

Interim Report

22-Feb-2017

1. Project information

- **Project leader** – Anand Raje

- **Team members** – Anupam Agrawal, Rajib Losalka, Amit Pramanick

- **Partner organizations** – Kaziranga University, MCKV College of Engineering, Mallabhum Institute of Technology.

- **Total amount awarded** – 9000 USD

- **Period covered by this report –** Jan-16 to Dec-16

2. Project Summary

Internet Engineering Task Force (IETF), IRTF & IAB are important Internet governance organisations concerned with the technical aspects of the Internet. Countries, which have representation in the core technical activities of these organisations, can have significant contribution and strong presence in the world of Internet governance. However, India's participation in these organisations was almost negligible and sporadic and it was important to initiate a long term program which will create capacity at multiple layers for increased, meaningful and sustainable participation. ISOC Kolkata IICB Program is an endeavor for increasing the capacity of individuals and institutions in India for effective participation in the technical activities of important Internet organizations. The Phase I of the program took care of initial approach building and the IT enablement and was supported by DeitY, Government of India.

The Indian IETF Capacity Building - **IICB Phase II** was for fast tracking the original idea. As part of Phase II of the project, MOUs has been signed with multiple partnering

institutions, awareness sessions in various institutes / SMEs, hosting IICB conference and more importantly promotion of IETF remote participation along with recognition of IETF contributors from India.

It is important to work on this IETF capacity building initiative because the world will not wait for India to be active and forthcoming but will move ahead and create standards and if we need to be leader, we need to be adaptive, innovative and contributive.

3. Project Background and Justification

The reason for lower participation in IETF by Indians both individually and from organization was primarily the lack of motivation to do so in absence of a very clear cut benefit articulation from participation. It was essentially a chicken and egg situation because use cases which will motivate overall for increased participation will not be created without actually participating and there was nothing to break the vicious circle. Additionally, the global community could not find a singular force coming out of India which was representative enough to start considering the Indian participation seriously.

The situation was analyzed and found that it requires simultaneous work on creating a conducive environment for participation, logistical arrangements for participation and creating a reference of a focused initiative on IETF available online for consumption by all.

4. Project Objectives

The initiative here in termed Indian IETF Capacity Building (IICB) Program is an attempt to increase the lower participation of Indians, corporate in the International Internet standard making process, specifically focusing in IETF with the following objectives:

- Expose and encourage participation in the IETF process from all states in India.

- Creates connections between new and established open Internet standards developers.

- Reinforces the importance of multi-disciplinary leaders in fostering the sustainability, robustness, security, stability and development of the Internet.

- Empower Internet professionals by broadening their experience and enabling their participation in open Internet standards development.

- Creating a Partner ecosystem for sustaining this initiative in the longer run and creating foundation for hosting of IETF in India

5. Project Activities Completed so far

Seven Awareness sessions in educational institutes and 3 for the Industry has been completed along with signing of 13 MOUs with various organizations for sustained and meaningful participation in IETF activities.

Additionally, remote hubs organization for all the three IETFs in 2016 was done successfully. In total, more than 1000 people participated in remote hubs which was a significant milestone for remote participation from India. The remote participation from India was also noted by IETF community and Indian participants present physically in IETF expressed were congratulated for their efforts.

6. Project outcomes

The outcome can be seen at the project website http://www.iicb.org

The project is being referred by various community development organizations and task forces nationally and internationally.

7. Any changes in the design of the project

The number of awareness sessions as planned every month required adjustment to take care of the various academic schedules being followed in the educational institutes. This requires that the project timeline will be extended by another 6 months. The next report will be the final report of the project.

8. Dissemination and Chapter presence

The project has high replicability and ISOC Kolkata wishes that the code base of the program be reused by other Chapters to their advantage. If increasing awareness is the mission of any other Chapter, then ISOC Kolkata Chapter will be more than willing to move ahead with it and offer the IT platform for their usage.

The Chapter will be considered as a leader in promoting awareness on standards in technical community providing a path for individual growth.

The project website is http://www.iicb.org

The Facebook page is https://www.facebook.com/iicb.org

9. Any additional information that would be useful to the Internet Society community for purposes of an interim report.

None