

**Government of India, Ministry of Culture  
National Mission on Libraries**

Minutes of Eighth Meeting of the Advisory Committee of National Virtual Library of India (NVLI) under National Mission on Libraries held on 22<sup>nd</sup> May, 2017 at 12.00 Noon.

\*\*\*\*\*

The Eighth Meeting of the Advisory Committee of National Virtual Library of India (NVLI) under National Mission on Libraries (NML) was held on 22<sup>nd</sup> May, 2017 at 12.00 Noon under the Chairmanship of Secretary (Culture) in his Chamber at Shastri Bhawan, New Delhi – 110001. The list of participants is at Annexure.

At the very outset Secretary (Culture) welcomed all the members of the Advisory Committee and thereafter the following matters were taken up for deliberation.

**Item – 1. Progress of Development of NVLI Hardware**

- a) A presentation was made by Prof. Deepak B. Phatak, IIT Bombay on the progress of development of NVLI. Prof. Phatak informed that Cloud space of 3 Petabyte will be made operational for hosting of NVLI by 15<sup>th</sup> June, 2017. Ninety Servers have arrived for testing. All servers would be installed by 8<sup>th</sup> June.
- b) C-DAC has uploaded the software on the Server. IGNOU data/ software is to be integrated with C-DAC.
- c) Computers, Projector etc. will be installed by IIT Bombay at its project monitoring unit at the office of NML at Janpath, New Delhi.

**Item – 2. Progress of Development of NVLI Software**

- a) C-DAC demonstrated various features of NVLI. However when Secretary (Culture) made queries on utilizing cross - lingual search on NVLI, it yielded very less result compared to Google
- b) The question answering system of NVLI was tested. However the results of this feature was also not found satisfactory. Also most of the search result on NVLI showed only metadata and no Video/ Audio or text material could be found.

- c) Secretary (Culture) directed that functionality of all programs with linked data be tested/ demonstrated in all 55 Bubbles.
- d) Prof. Phatak stated that several loose end needs to be tightened and the Bubbles to be fully documented within Ten days.
- e) Secretary (Culture) asked to go beyond simple search in Question/ Answers and stressed on adopting predictive modelling. Big data analysis has to be incorporated in true sense.
- f) It was decided that all peripheral activities be integrated and what can be delivered by 15<sup>th</sup> June be demonstrated in the next meeting.
- g) Audio/ Video searching should be developed parallelly.
- h) Cross Lingual search feature be developed so that facility of search in all Indian languages could be made available instead of only three languages currently.
- i) IIT Bombay/ C-DAC could not specify to Secretary Culture the date by which complete functionality of the Bubbles could be achieved.

The Meeting ended with a vote of thanks to the Chairman.

**LIST OF MEMBERS/ OFFICERS PRESENT IN THE MEETING**

1	Shri N. K Sinha Secretary, Ministry of Culture
2	Shri Pankaj Rag Joint Secretary(Libraries), Ministry of Culture & Mission Director, National Mission on Libraries
3	Ms. Deepika Pokharna Director (Libraries), Ministry of Culture
4	Prof. Deepak B. Phatak, Professor Department of CSE, IIT Bombay
5	Prof. Pradeep Varma, IIT Bombay
6	Shri Ajai Kumar, Associate Director & HoD, C-DAC Pune
7	Dr. Dinesh Katre, Associate Director & HoD, C-DAC Pune
8	Ms Swati Mehta Joint Director, C-DAC
9	Mr. S. Shivakarhik, Senior Technical Officer, AAI group, C-DAC
10	Mr. Lovey Joshi, Project Engineer, AAI group, CDAC
11	Mr. Yougansh Sharma IIT Bombay
12	Mr. Shaukat Ali Shaikh IIT Bombay
13	Mr. Saurabh Koriya PE, C-DAC
13	Shri N. K. Sinha Under Secretary, MoC