

F.No.8-2/2018-TEL  
Government of India  
Ministry of Human Resource Development  
Department of Higher Education  
(TEL Division)

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525-C, Shastri Bhawan  
New Delhi dated 10.04.2018

**Subject: Minutes of the NMEICT – Phase II Review Meeting held  
on 06.04.2018- regarding**

The undersigned is directed to forward herewith minutes of the monthly review meeting of the NMEICT-II Scheme held on 06.04.2018 at 11.30 a.m. in Room No. 112-C under the Chairmanship of Secretary (HE), Ministry of Human Resource Development, Shastri Bhawan, New Delhi for information and further necessary action.

  
(Rajesh Singh Solanki)  
Under Secretary (TEL)  
TEL No. 011-23385935

To

1. Prof. Partha Pratim Chakravarthi, Director, IIT Kharagpur - NDL
2. Prof. Kavi Arya, IIT Bombay - e Yantra
3. Prof. Kannan Moudgalaya, IIT Bombay - FOSSEE
4. Prof. Prabhu Ramachandran, IIT Bombay - FOSSEE
5. Prof. Huzur Saran, IIT Delhi - Baadal
6. Prof. Ranjan Bose, IIT Delhi - Virtual Labs

Copy for information to:-

1. PPS to Secretary (HE).
2. PS to JS (TEL).
3. PS to Deputy Secretary (TEL).
2. Shri Parameswaran N., Senior Consultant, NMEICT M/o HRD.
3. Shri G.S Malik, Senior Consultant, NMEICT M/o HRD.



**No.8-2/2018-Tel**  
**Government of India**  
**Ministry of Human Resource Development**  
**Department of Higher Education**

Dated 06.04.2018

**Minutes of the monthly review meeting of the NMEICT-II Scheme held on 06.04.2018 at 11.30 a.m. in Room No. 112-C.**

The meeting of the monthly review on NMEICT-II was held under the Chairmanship of Shri R Subrahmanyam, Secretary (HE) on 06.04.2018. All the PIs participated through VC. The list of participants is at Annexure. The major decisions/action points emerged are:

1. **NDL:** To make NDL utilization and outreach better, Secretary (HE) suggested creation of "Digital Library Clubs" in various educational Institutions/Universities. Director IIT KGP assured to look into it and give a concept note on this to MHRD. Director, IITKGP mentioned about proposals received for collaboration from private agencies. After discussion Secretary(HE) agreed that a proposal be sent to MHRD for enhancing utilization of NDL, including offering of "premium paid" services by private agency, for PAB approval. It was also decided that NDL would be linked to UMANG platform.

Access of NDL through Jio Mag App may be examined by IIT KGP and a report be sent to MHRD.

2. **Virtual Labs:** Project team to do assessment and provide their vision of total Virtual Labs scope. If more funds are required for add on projects, the same shall be examined by MHRD. Secretary (HE) directed that 10 - 15 MOOCs courses on 'how to make and use Virtual labs' could be put on SWAYAM platform and this needs to be examined by the PI. PI informed that on 27.04.2018 an evaluation and review by outside experts is planned. A report may be submitted to MHRD thereafter.
3. **E-Yantra:** PI made the presentation giving details of the project and the future plans. PI requested the help of MHRD to popularize this in states which are not actively participating. Secretary(HE) stated that AICTE would be requested to write to all the technical institutes, highlighting the project, requesting them to set up robotics labs and encourage their students to participate in e-Yantra competitions. Secondly a letter could go from the Ministry to all State Technical Education Heads requesting the participation of state technical institutes. It was also decided that e-Yantra and NDL could synergize their efforts.

4. **FOSSEE:** After seeing the presentation made by the PI, Secretary(HE) directed that the project is on track. Team to work in same spirit and meet the targets set for the Project.
5. **Spoken Tutorial:** It was discussed that the Spoken Tutorials are very useful and should be used effectively. It was decided that the spoken tutorials could be used as contents for SWAYAM Prabha DTH TV channels (say 2 hours per day in 2 channels) and accordingly funding could be done from SWAYAM Prabha. The PI Prof Kannan has assured to get back with a proposal.
6. **Baadal:** Baadal has been developed and deployed at NKN Data Centre, Shastri Park, New Delhi. However, an arrangement is required for operation and maintenance of Baadal. One of the options would be that NIC/NKN can take up this responsibility. It was decided that this option is to be explored immediately. The funding can be met from NMEICT. JS ( ICC/ TEL ) to discuss with Sh. R. S. Mani, Senior Director NIC and PI, to find a solution. If NIC/NKN are agreeable they may be requested to submit a proposal for same. A letter in this connection could go from MHRD.
7. **Connectivity:** Provision of NKN connectivity to 36 universities and 11 EMRCs would be requiring around Rs. 11 Crores and 2.5 Crores respectively. However as per the SFC, funds for any connectivity project can be released only after settling the dues of BSNL. BSNL has made a claim of around Rs. 194 Cr. BSNL has **not been able to provide the information requested**, to assess the real usage of the service provided.

It was decided that the MHRD team may work out a settlement amount that is to released to BSNL and MTNL so that the remaining funds under connectivity head may be utilized for other NMEICT projects.

For provision of Wi-Fi in the universities/colleges by TSPs/ISPs, MHRD has issued a letter dated 15<sup>th</sup> January 2018. As per the minimum standard for provision, the service providers have to provide a minimum free data of 1GB per month per user. Beyond this the users would have to pay as per the tariff opted by them. It was felt that the Institutes which comes in "National Institute Ranking Framework (NIRF) 2018" and who do not have proper Wi-Fi facility could be rewarded by extending Wi-Fi services as per the above letter. Further the service providers could be asked to provide more free data per user (say 10 GB per month) and the extra cost for providing the same can be borne by the Ministry from NMEICT.

The meeting ended with the vote of thanks to the Chair.

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**List of participants of the monthly review meeting of the NMEICT-II Scheme held on 06.04.2018 at 11.30 a.m. in Room No. 112-C.**

1. Shri R Subrahmanyam, Secretary, D/o HE
2. Shri N Saravana Kumar, Joint Secretary (ICC/TEL), MHRD
3. Smt. Malathi Narayanan, Deputy Secretary (TE)
4. Shri Parameswaran N, Sr. Consultant.
5. Shri Gurinder S Malik, Sr. Consultant
6. Shri Harsha Vardhan Mathpal, Consultant
7. Shri Amit Sharma, Consultant
8. Shri Praveen Kumar, Consultant
9. Shri. Sandeep Kumar Sr. Software Engineer
10. Shri. Ajay Pratap Singh Sr. Software Engineer

**PIs (participated through VC)**

11. Prof. Partha Pratim Chakravarthi, Director, IIT Kharagpur - NDL
12. Prof. Kavi Arya, IIT Bombay – e Yantra
13. Prof. Kannan Moudgalaya, IIT Bombay - FOSSEE
14. Prof. Prabhu Ramachandran, IIT Bombay - FOSSEE
15. Prof. Huzur Saran, IIT Delhi - Baadal
16. Prof. Ranjan Bose, IIT Delhi – Virtual Labs

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