

File No.NMEICT (MS)/PAB/19  
Government of India  
Ministry of HRD  
Department of Higher Education

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18<sup>th</sup> March, 2011

To

All Members of Empowered Committee of Experts  
(Project Approval Board) of National Mission on  
Education through Information and Communication  
Technology (As per list enclosed)

Sub: Minutes of the 19<sup>th</sup> Meeting of Empowered Committee of Experts (Project Approval  
Board) of National Mission on Education through Information and Communication  
Technology (NMEICT) held on 15<sup>th</sup> March, 2011 at 4.00 p.m.

Sir/Madam,

Enclosed please find Minutes of the 19<sup>th</sup> Meeting of Empowered Committee of  
Experts (Project Approval Board) of National Mission on Education through Information  
and Communication Technology (NMEICT) held on 15<sup>th</sup> March, 2011 at 4.00 p.m. in  
Conference Room (First Floor), Central Secretariat Library (CSL) Building, Shastri  
Bhawan, New Delhi, for perusal and necessary action.

Yours faithfully,



(Dr. Harvinder Singh)  
Director (TEL) &  
Nodal Officer (NMEICT)  
Tel: 011-23382604

Copy to:

PSO to Secretary (HE), PS to AS&FA and Additional Secretary(TEL) – for information.

**Project Approval Board of National Mission on Education through Information and  
Communication Technology (NMEICT)**

**List of Members**

<b>S.No.</b>	<b>Name, Designation and Address</b>
1.	Secretary, Department of Higher Education, Ministry of Human Resource Development, Shastri Bhawan, New Delhi <span style="float: right;"><b>Chairperson</b></span>
2.	Additional Secretary & Financial Adviser, Department of Higher Education, Ministry of Human Resource Development, Shastri Bhawan, New Delhi
3.	Secretary, Planning Commission, Yojana Bhawan, New Delhi-110001
4.	Secretary, Department of Telecommunications, Sanchar Bhawan, New Delhi-110001
5.	Secretary, Department of Information Technology, Ministry of Communication and Information Technology, CGO Complex, Lodhi Road, New Delhi-110001
6.	Secretary, Department of Space, Lok Nayak Bhawan New Delhi-110001
7.	Dr. A.Mukhopadhyay Adviser/Scientist 'G', SERC Division, M/o Science & Technology, D/o Science & Technology, Technology Bhawan, New Delhi-110016
8.	Director, Indian Institute of Technology, Powai, Mumbai - 400076
9.	Director, Indian Institute of Technology, Roorkee-247667 Uttarakhand
10.	Director, Indian Institute of Technology, North Guwahati Guwahati-781039 Assam

S.No.	Name, Designation and Address
11.	Director, Indian Institute of Technology, P.O. Kharagpur -721302
12.	Director, Indian Institute of Technology, P.O. IIT Chennai Chennai -600036
13.	Director, Indian Institute of Technology, Kanpur-208016 UP
14.	Director, Indian Institute of Science, Bangalore-560012 Karnataka
15.	Director, Indian Institute of Science, Hauz Khas New Delhi-110016
16.	Prof. V.N.Rajashekhar Pillai Vice-Chancellor, Indira Gandhi National Open University (IGNOU), Maidan Garhi, New Delhi
17.	Vice-Chancellor, North Eastern Hill University (NEHU), Shillong
18.	Prof. H.P.Kincha Vice-Chancellor, Visvesvarya Technological University, Belgaum- 590018
19.	Mr. R.P.Agrawal Former Secretary C 1/17, Bapa Nagar New Delhi
20.	Prof. U.B.Desai IIT Hyderabad Ordnance Factory Estate, Yeddumailaram- 502205 Hyderabad Andhra Pradesh
21.	Prof. M.K.Surappa IIT Ropar Nangal Road, Rupnagar (Ropar) Punjab 140001
22.	Prof. Sudhir K. Jain IIT Gandhinagar Room: 112A Western Laboratory Extension Chandkheda, Gandhinagar -382424 Gujarat

S.No.	Name, Designation and Address
23.	Prof.Prem K. Kalra Director , IIT Rajasthan Camp off: MBM engineering college. Residency Road, Jodhpur 342011
24.	Prof. Madhusudan Chakraborty Director, IIT Bhubaneswar Office of the Director Indian Institute of Technology Bhubaneswar Samantapuri (Rearside of Hotel Swosti Plaza) Nandan Kanan Road Bhubaneswar-751 013
25.	Prof. Anil.K.Bhowmik Indian Institute of Technology Patna Navin Government Polytechnic Campus Patliputra Colony Patna 800 013
26.	Shri Pramod Bhasin Chairman, National Association of Software and Services Companies (NASSCOM), International Youth Centre Teen Murti Marg Chanakyapuri New Delhi 110 021
27.	Dr. Ajay Khare Director School of Planning & Architecture, Transit Campus: Sports Complex, MANIT, Bhopal-462051
28.	Prof. S.G.Deshmukh Director IIIT Gwalior Morena Link Road, Gwalior 474 010
29.	Dr. M.D.Tiwari Director IIIT Allahabad Deoghat, Jhalwa Allahabad

**MINUTES OF 19<sup>TH</sup> MEETING OF PROJECT APPROVAL BOARD OF NATIONAL MISSION ON EDUCATION THROUGH INFORMATION AND COMMUNICATION TECHNOLOGY HELD ON 15<sup>TH</sup> MARCH, 2011 AT 4.00 P.M. IN CONFERENCE ROOM (FIRST FLOOR), CENTRAL SECRETARIAT LIBRARY (CSL) BUILDING, SHASTRI BHAWAN, NEW DELHI**

The 19<sup>th</sup> Meeting of the Empowered Committee of Experts (Project Approval Board) (PAB) of National Mission on Education through Information & Communication Technology was held on 15<sup>th</sup> March, 2011 at 4.00 p.m. in Conference Room, Central Secretariat Library (CSL), Building, Shastri Bhawan, New Delhi under the Chairpersonship of Secretary, Department of Higher Education.

The list of participants is at Annexure.

Mrs. Vibha Puri Das, Secretary, Department of Higher Education welcomed all the participants. Thereafter, agenda items were discussed and the following decisions were taken:

**Item No.1:**

Chairperson requested all the members to give their comments on the Minutes of the 18<sup>th</sup> PAB Meeting. No comments were received. Thereafter, the Minutes of the 18<sup>th</sup> Meeting of the Project Approval Board held on 24<sup>th</sup> January, 2011 were confirmed.

**Item No.2**

The Action Taken Report on the Minutes of the 18<sup>th</sup> Meeting of the Project Approval Board held on 24<sup>th</sup> January, 2011 was noted by the PAB.

**Item No.3**

**Review of Decision-National Programme on Radio Enabled Learning by Commonwealth Educational Media Centre for Asia (CEMCA), New Delhi.**

PAB considered the agenda item placed before it and directed that IGNOU may submit a fresh proposal in this regard to the NMEICT involving other suitable partners.

**Item No.4**

**Low Cost Access-cum-Computing Device**

The revised agenda on this issue was considered by the PAB.

Prof. Prem Kalra, Director, IIT Rajasthan presented before the PAB the present status/progress of development of Low Cost Access-cum-Computing Devices. PAB while taking note of the report of the IIT, Rajasthan, observed that the project of development and procurement of low cost access-cum-computing devices has been allotted to IIT, Rajasthan and as such they are the best judge regarding the tender process followed by them. PAB, therefore, did not associate itself with the tendering process. After in-depth deliberations and in view of the clear and unequivocal recommendations of the Standing Committee for additional funds of Rs.6.22 crore as requested by IIT, Rajasthan over and above Rs.41.50 crore approved by National Apex Committee/PAB in the earlier meeting held on 1.9.2010, PAB approved the additional funds of Rs.6.22 crore to IIT, Rajasthan and in accordance with the recommendations of the Standing Committee, directed that the expenditure be booked as follows:

Rs.25.00 crore from the Mission activity head - Testing and Development of LCADs.

Rs.22.72 crore from the Mission activity head - Teachers Empowerment 'A'.

Thus, the total cost of the project would stand revised to Rs.47.72 crore.

#### **Item No.5**

**Approval of Pilot project - e-content Development of Marketing Management, PI: Jaydeep Badiyani, Bhavnagar University**

**CONTROL NUMBER :- JE-20071011105**

The PAB approved Rs.14 lakhs for preparation of two pilots. However, the PAB desired that the deliverables given in the appraisal note of the Standing Committee may form part of the sanction letter.

#### **Item No.6**

**Approval of Pilot project - e-Content generation for students of science in graduate programmes – PI: Dr.Mandira Sikdar, Navrachna University, Vadodara, Gujarat**

**Control No.ME-24091011358**

The PAB approved Rs.7 lakhs for preparation of one pilot. However, the PAB desired that the deliverables given in the appraisal note of the Standing Committee may form part of the sanction letter.

#### **Item No.7**

**Approval of Projects recommended by Standing Committee**

**7.1 Production of courseware e-content development, video programmes and learning object repositories on climate change, SUBMITTED BY:. A. Aram and B. K. Panda, Anna University**

**CONTROL NUMBER :- DE-09071011047**

The PAB approved that this project be supported for a total sum of Rs. 56 lakh. Rs.14 lakhs be given at the beginning for preparation of two courses to be completed in first six months. Based on the quality of these courses, the rest of the money will be released. However, the PAB desired that the deliverables given in the appraisal note of the Standing Committee may form part of the sanction letter.

**7.2. e-Content Development for the course: "Family and Community Resource Management" by Dr. Neerja Jaiswal, The Maharaja Sayajirao University of Baroda, Gujarat, India.**

**Control Number: DE-28081011280**

PAB approved Rs.7 lakhs for a pilot to be completed in six months. However, the PAB desired that the deliverables given in the appraisal note of the Standing Committee may form part of the sanction letter.

**7.3 Generation of Exhaustive E-content on Theory and Practice of Literacy Translation for Students of Intermediate and Advanced Levels by Dr. Hemang A. Desai, N.V. Patel College of Pure and Applied Sciences, Gujarat, India.**

Control Number: HE-10091011329

PAB approved Rs.7 lakhs for a pilot to be completed in six months. However, the PAB desired that the deliverables given in the appraisal note of the Standing Committee may form part of the sanction letter.

**7.4 Creation of E-contents on Fermentation Technology by Dr. Ramesh Kothari, Department of Microbiology, Christ College, Gujarat, India.**

Control No: RE-02091011297

PAB approved Rs.6.71 lakhs for a pilot to be completed in six months. However, the PAB desired that the deliverables given in the appraisal note of the Standing Committee may form part of the sanction letter.

**Item No.8**

**Strengthening of Mission Secretariat**

PAB considered this Item and while appreciating the urgent need to strengthen the Mission Secretariat PAB decided that for Sr. Consultants following qualifications, experience, etc may be insisted:

1. M.Tech, M.Sc. or Post-graduate.
2. Experience in Monitoring of projects, Ph.D will be an advantage.

It was also suggested that engagement of retired persons could also be considered. Fresh attempt is to be made for recruitment keeping these observations in view.

**Item No.9**

**Virtual Labs - Remote triggered experiments**

Director, IIT Delhi mentioned that the proposal had been recommended by the Standing Committee but the financial due diligence requested could not be done by it within the short-time available. He informed that if the project was not sanctioned early, the staff available could wither away after 31<sup>st</sup> March, 2011 and arranging for the staff would cause delays. Hence, it was requested by him to allow retention of manpower for the project beyond 31<sup>st</sup> March, 2011 and to consider and approve the project at the earliest. In view of importance of the project, PAB approved, in principle, the request of Director, IIT Delhi. Meanwhile due diligence may be done by the Standing Committee. PAB also authorized Chairperson, PAB to then take a decision on the proposal of IIT Delhi for Virtual Labs-Remote triggered experiments and submit it for ratification in the next meeting of PAB.

## **Item No.10**

### **UGC proposal**

Shri N.K.Sinha, AS(TEL) informed PAB that some interim proposal has been submitted by UGC which needs to be firmed up with project cost. PAB felt that involvement of UGC in NMEICT is very essential and the matter needs to be followed up with UGC. PAB further directed that the proposal of UGC must be examined by the Standing Committee first and its recommendations be placed before the PAB. PAB also suggested that an appropriate standing committee/coordination committee may be formed by the UGC for assigning content development tasks to various experts in the country and after chalking out project details for making presentation before the Standing Committee of the NMEICT and PAB as per established procedure under NMEICT. After due approvals, UGC may ensure monitoring for timely accomplishment of deliverables.

### **Additional Item**

#### **NIFT Chennai coordinated consortium**

**Title: E-content for fashion design and technology subjects**

**CONTROL NUMBER: De-1008 1011 211**

Prof. Kannan Moudgalaya (Member, Standing Committee) from IIT, Bombay informed PAB that the above mentioned proposal submitted by NIFT to NMEICT has been examined and scrutinized by the Standing Committee but could not be included in the Agenda Papers for this meeting of PAB held today i.e. 15.3.2011. He also informed that this is a good proposal and Standing Committee has recommended Rs.7.75 crore approximately for this project. PAB felt that since no agenda has been circulated, it would be better that Chairperson, PAB may be authorized to take a decision in this regard. Accordingly, Chairperson was authorized to take the decision in the matter. It was also decided that simultaneously, this Agenda item may be circulated to all members of PAB through e-mail.

### **Other issues**

- PAB directed to invite NIT, Warangal to make a presentation on the project awarded to it under NMEICT in the next meeting of PAB.
- Dr. B.K. Murthy from DIT informed PAB that DIT organizes an exhibition of various projects approved by it. He further suggested that similar exhibition could be thought of in so far as NMEICT is concerned. This suggestion was welcomed by PAB and PAB decided that possibility be explored for organizing such an exhibition of the projects sanctioned under NMEICT to various institutions. This activity will help popularize the Mission and also in reviewing the projects sanctioned.
- Shri Anil Jain from BSNL apprized PAB of the progress made on connectivity matters under NMEICT. He also drew attention of PAB to the fact that some of the institutions are not willing to accept the facility of connectivity being provided under NMEICT. PAB directed BSNL to submit such list of institutions to PAB. Shri Anil Jain also requested for one piece of prototype of LACD for testing purposes along with connectivity being provided by them. PAB accepted this request and decided to provide the same at appropriate time.

There being no other item, the meeting ended with a Vote of Thanks to the Chair.



## Annexure

Attendance for the 19<sup>th</sup> Project Approval Board (PAB) Meeting Held on 15<sup>th</sup> March 2011 at 4.00 PM under the Chairpersonship of Secretary, Dept of Higher Education, Ministry of Human Resource Development in Conference Room (First Floor), Central Secretariat Library (CSL) Building, Shastri Bhawan, New Delhi

Sl. No.	Name, Designation and Address	Email	Phone / Mobile No
1	Ms. Vibha Puri Das Secretary (HE) MHRD, Shastri Bhawan, New Delhi		<b>Chairperson</b>
2	Mr. N.K.Sinha Additional Secretary(TEL) Department of Higher Education, MHRD, Shastri Bhawan, New Delhi	<a href="mailto:nksinha.edu@nic.in">nksinha.edu@nic.in</a>	011-23387781
3	Shri R P Agrawal Chairman, BOG, IIT Delhi	<a href="mailto:Rpa1949@gmail.com">Rpa1949@gmail.com</a>	9910823311 0120-2395012
4	Shri S.K. Ray AS & FA MHRD, New Delhi		9868886588
5	Prof. S. Prasad Director IIT, Delhi		9810350517
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7	Prof. P K Kalra Director IIT, Rajasthan	<a href="mailto:drpremkalra@gmail.com">drpremkalra@gmail.com</a>	
8	Devane Khakhar Director, IIT Bombay	<a href="mailto:director@iitb.ac.in">director@iitb.ac.in</a>	9820605351
9	Prof.Sanjay G. Dhande Director IIT, Kanpur	<a href="mailto:sgd@iitk.ac.in">sgd@iitk.ac.in</a>	9415042486 0512-2590763
10	Prof. V N Rajasekharan Pillai Vice Chancellor IGNOU, New Delhi	<a href="mailto:vc@ignou.ac.in">vc@ignou.ac.in</a>	011-29532484

11	Prof. M D Tiwari Director, IIT, Allahabad-211012	<a href="mailto:mdt@iita.ac.in">mdt@iita.ac.in</a>	9415235175 0532-2922222
12	Dr. B K Murthy HOD, NKN DIT, Ministry of Communication and Information Technology Govt. of India Lodhi Road, New Delhi	<a href="mailto:bkm@mit.gov.in">bkm@mit.gov.in</a>	9810601683 011-24360234
13	Dr. P S Robi Professor Dean (R&D) IIT, Guwahati	<a href="mailto:psr@iitg.ernet.in">psr@iitg.ernet.in</a>	09957557637
14	Prof. Kannan Moudgalya IIT, Bombay	<a href="mailto:kannan@iitb.ac.in">kannan@iitb.ac.in</a>	9869326979
15	Shri Anil Jain Sr. G.M. (NWP-BB) BSNL, Janpath, New Delhi		9868887007
16	Dr. Harvinder Singh Director (TEL) MHRD, Shastri Bhawan New Delhi		23382604
17	Shri R. Saji Kumar Addl. GM (NWP-BB) BSNL, New Delhi	<a href="mailto:rsajikumar@bsnl.co.in">rsajikumar@bsnl.co.in</a>	9868280066
18	Dr. Jaision A. Manjaly Assistant Professor IIT, Gandhi Nagar	<a href="mailto:jmanjaly@iitgn.ac.in">jmanjaly@iitgn.ac.in</a>	9227508985
19	Shri Milind Kulkarni Scientist 'F' D/o Science Technology New Delhi		9868899962
20	Shri Ajit Kumar Kolar Professor Chairman, Centre for Govt. Edu. IIT Madras Representi : Prof. Annanth, Director, IITM	<a href="mailto:kolar@iitm.ac.in">kolar@iitm.ac.in</a>	09444008700
21	Prof. Ranjan Bose IIT, Delhi	<a href="mailto:Rbose.iitd@gmail.com">Rbose.iitd@gmail.com</a>	
22	Shri Raj Kumar Under Secretary (TEL) MHRD, New Delhi		
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