

File No.NMEICT (MS)/PAB/11

Government of India
Ministry of Human Resource Development
Department of Higher Education

National Mission on Education through Information & Communication
Technology (NMEICT), New Delhi

(Mission Secretariat)

New Delhi, the 12th January, 2010

Sub: Minutes of the **Eleventh** Meeting of the Empowered Committee of Experts (Project Approval Board) of National Mission on Education through Information and Communication Technology held on 4th December, 2009.

A copy of the Minutes of the **Eleventh** Meeting of the Empowered Committee of Experts (Project Approval Board) of National Mission on Education through Information and Communication Technology held on 4th December, 2009 at 3.00 p.m. under the Chairpersonship of Secretary, Department of Higher Education, Ministry of Human Resource Development, at Central Secretariat Library (Conference Room-First Floor), Shastri Bhavan, New Delhi is sent herewith for information and necessary action.



(Harvinder Singh)
Deputy Secretary (PAE) &
Nodal Officer (NMEICT)
Tele: 011-23382604

Encl: As above.

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

Copy, along with a copy of Minutes, to: Sr.PPS to Secretary (HE) & Chairperson, PAB and JS(DL)/Member Secretary, PAB – for information.

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

List of Members

S.No.	Name, Designation and Address	Phone No. , Fax and Email
1.	Secretary, Department of Higher Education, Ministry of Human Resource Development, Shastri Bhawan, New Delhi Chairperson	
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	Fax: 23096575
4.	Secretary, Department of Telecommunications, Sanchar Bhawan, New Delhi-110001	Fax: 23711514
5.	Secretary, Department of Information Technology, Ministry of Communication and Information Technology, CGO Complex, Lodhi Road, New Delhi-110001	Fax: 24363134
6.	Secretary, Department of Space, Lok Nayak Bhawan New Delhi-110001	Fax: 080-2345328
7.	Dr. A.Mukhopadhyay Adviser/Scientist 'G', SERC Division, M/o Science & Technology, D/o Science & Technology, Technology Bhawan, New Delhi-110016	Fax: 26602193
8.	Director, Indian Institute of Technology, Powai, Mumbai - 400076	Fax: 91-22-25723546
9.	Director, Indian Institute of Technology, Roorkee-247667 Uttarakhand	Fax: 91-1332-273560
10.	Director, Indian Institute of Technology, North Guwahati Guwahati-781039 Assam	Fax: 91-361-2690762 91-361-2692321

11.	Director, Indian Institute of Technology, P.O. Kharagpur -721302	Fax: 91-3222-282000
12.	Director, Indian Institute of Technology, P.O. IIT Chennai Chennai -600036	Fax: 91-44-22578003
13.	Director, Indian Institute of Technology, Kanpur-208016 UP	Fax: 91-512-2597790 91-512-2590260
14.	Director, Indian Institute of Science, Bangalore-560012 Karnataka	Fax: 91-80-23600936
15.	Director, Indian Institute of Science, Hauz Khas New Delhi-110016	Fax: 91-11-26582659
16.	Prof. V.N.Rajashekhar Pillai Vice-Chancellor, Indira Gandhi National Open University (IGNOU), Maidan Garhi, New Delhi	
17.	Prof. Pramod Tandon 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 C-1/17 Bapa Nagar New Delhi	

Copy also to, along with Minutes:

1	Dr. Prem K.Kalra IIIrd Floor, Helicopter Building, IIT Kanpur Campus, Kanpur-208016
2	Mr. Navin Soi Director (Finance) Department of Higher Education, Ministry of Human Resource Development, Shastri Bhawan New Delhi
3	Prof. Ravi Shanker Joint Secretary (IT) Department of Information and Technology (DIT) Electronics Niketan, CGO Complex, Lodhi Road, New Delhi-110003
4	Dr. B.K.Murthy Director & Head National Knowledge Network Division Deptt. of IT Electronics Niketan, CGO Complex, Lodhi Road, New Delhi-110003
5	Mr. Anil Jain General Manager (Broadband) BSNL, Harishchander Mathur Lane Janpath New Delhi
6	Dr.D.K.Paliwal Dy. Educational Adviser (DL) Department of Higher Education, Ministry of Human Resource Development, Shastri Bhawan New Delhi
7	Shri Mithun Dutta System Administrator, E-Gyankosh, Indira Gandhi National Open University (IGNOU) Maidan Garhi, New Delhi He is requested to upload the Minutes sent herewith on the Sakshat Portal immediately.

Minutes of the Eleventh Meeting of the Project Approval Board of National Mission on Education through Information and Communication Technology held on 4th December, 2009 at 3.00 p.m. at Central Secretariat Library (Conference Room-First Floor), Shastri Bhavan, New Delhi.

The Eleventh Meeting of the Empowered Committee of Experts (Project Approval Board) (PAB) of National Mission on Education through Information & Communication Technology was held on 4th December, 2009 at 3.00 p.m. at Central Secretariat Library (Conference Room-First Floor), Shastri Bhavan, New Delhi under the Chairpersonship of Secretary, Department of Higher Education.

The list of members who participated in the meeting is at Annexure-I.

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

Item No. 1:

Chairperson requested all the members to give their comments, if any, on the Minutes of the 10th PAB Meeting. Since no comments were received, the Minutes of the 10th PAB Meeting held on 29th October, 2009 were then confirmed.

Item No. 2:

The recommendations made during the Standing Committee Meeting held on 7th November, 2009 for approval of 2 projects were considered, discussed and reviewed by the Project Approval Board (PAB). Based on the recommendations of the Standing Committee and the consensus of members present in the PAB, the following proposals were deliberated and decisions taken, as are mentioned against each:

- 1. Web-based Learning Resource in the subjects of Object Oriented Programming Using C++ and Data Structures for diploma level students (Control Number-Re-02100910320), by Mr.Rajesh Sharma, Govt. Polytechnic – Hamirpur, Himachal Pradesh .**

Decision: Project sanctioned with fifty percent of funds required i.e. Rs. 5.08 lakhs. PAB decided that the project be done under the supervision of NIT, Hamirpur.

2. **Technology for Analysis of Rare Knowledge Systems for Harmonious Youth Advancement (TARKSHYA) by Dr. P. Ramanujan, Head, C-DAC, (KP), Bangalore**
(Control Number No. – De 29090910310)

Dr. P. Ramanujan made detailed presentation on the said project.

Decision: The following decisions were taken:

1. The project proposal to be re-oriented by adopting 4-quadrant approach.
2. A large fraction of the cost of the pilot involves connectivity which has been separately accounted for by the NMEICT. Therefore all such costs can be deleted from the project. The PI was requested to specify an absolute minimum. PI would specify all activities that could be carried out in three to six months and prioritize them.

Item No.3

The recommendations made during the Standing Committee Meeting held on 21st November, 2009 for approval of 2 projects were considered, discussed and reviewed by the Project Approval Board (PAB). Based on the recommendations of the Standing Committee and the consensus of members present in the PAB, the following proposals were deliberated and decisions taken, as are mentioned against each:

1. **E-Content for Undergraduate and Postgraduate Courses in English Language and Literature, by Dr. Dilip Barad, Bhavnagar University, Gujarat**
(CONTROL NUMBER :- De-30100910374)

PAB observed that IGNOU is already having 1st quadrant and as such the rest of the 3 quadrants should be developed by PI in conjunction with IGNOU.

Decision: Sanctioned for Pilot for Rs.7 lakhs in collaboration with IGNOU.

2. Automated Grading system for computer Programming Courses Dept. of Information Technology, Pondicherry Engg. College, Puducherry by Dr. S. Kanmani, Professor and Head, Dept. of Information Technology, Pondicherry Engg. College, Puducherry
(CONTROL NUMBER :- kRe30100910369)

PAB observed that the grading of computer programming is the need of the hour and as such it has considered that the said proposal shall be oriented for training of teachers. C-DAC, Hyderabad to be involved.

Decision: Sanctioned for pilot of Rs. 5 lakhs through IIT Bombay. IIT Bombay NMEICT coordinator Professor Kannan Moudgalya was requested to coordinate the project with the Institution and provide reports in collaboration with the PI of the above project.

Item No.4:

Since no presentation on "Awareness Building & Publicity Strategy Formulation" was made, the agenda was deferred for subsequent meeting.

Item No.5:

(a) Virtual Labs project:

Professor Surendra Prasad, Director IIT Delhi and PI of the Virtual Labs project appealed to the PAB to release the second half of the Pilot project installment without further delay as funds have been utilized already. He also requested that date of completion of the pilot project be extended upto 31.3.2010.

PAB was also of the view that the manpower sanctioned under different projects sanctioned to consortium of IIT, Bombay, IIT, Delhi may be continued till 31st March, 2010 or till the approval of DPR, whichever is earlier.

(b) Presentation by Prof.Y.N.Singh, IIT, Kanpur on Education Resource Planning (ERP Project).

Even though the outline of the project was informed to the PAB, the presentation of the ERP could not be done because of the sudden failure of MTNL connection.

Any other item

1. The IIT Bombay under the guidance of Prof.Kannan had demonstrated the following pilot project to the PAB:
 - (a) Interactive Student Response System (using clickers).
 - (b) Spoken Tutorials

Both the presentations were very much appreciated. He joined Professor Surendra Prasad in requesting the timely release of the second installment of the pilot funds as considerable amount was required for holding a workshop for 1000 teachers.

2. A presentation by Professor Kamal Bijlani of Amrita University was made on A View, an interactive platform for users through the web. Multipoint video conferencing could be done using the GUI. Other developments are also in order. The PAB appreciated very much the efforts of the PI in the area.

Secretary (HE)/Chairperson, PAB expressed concern about slow progress of connectivity to different colleges. The matter was later discussed in detail. It was felt that colleges included in the list provided by UGC can be considered by BSNL.

In case of other colleges, connectivity can be provided if the college provide one of the following documents:

1. Approval of AICTE.
2. Accreditation letter by NAAC.
3. Certificate from University for affiliation in respect of college connectivity.

The meeting ended with vote of thanks to the Chair.

Annexure-I

Attendance of the 11th Meeting of the Project Approval Board (PAB) of the National Mission on Education through Information & Communication Technology held on 4th December, 2009 at 3.00 p.m. at Central Secretariat Library, 1st Floor, Shastri Bhavan, New Delhi – 110001.

S.No.	Name, Designation and Address	Phone No., Fax and Email
1	Prof. S. Prasad Director, IIT Delhi Hauz Khas, New Delhi	26591701 spasad@ee.iitd.ac.in director@admin.iitd.ac.in
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9	Mr. Harvinder Singh DS(PAE) & Nodal officer (NME-ICT) Department of Higher Education, Ministry of Human Resource Development, Shastri Bhawan, New Delhi	23382604 harvinder.edu@nic.in
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11	Prof. Yatindra Nath Singh IIT Kanpur	9336342154 ynsingh@ieee.org
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18	Mr. V. Lakshminarayanan Co-Investigator Tarkshya Project C-DAC, Bangalore	9343129494 sanatanavidya@yahoo.com