


F.No. 16-34/2015-TEL
Government of India
Ministry of Human Resource Development
Department of Higher Education
TEL Division

Shastri Bhawan,
New Delhi, dated 08.12.2015

OFFICE MEMORANDUM

Subject: Minutes of the 31st Meeting of the Project Approval Board (PAB) of National Mission on Education through Information and Communication Technology (NMEICT)

The undersigned is directed to enclose herewith a copy of minutes of the 31st meeting of the Project Approval Board (PAB) of National Mission on Education through Information and Communication Technology held on 03rd December, 2015 at 11:00 A.M. under the chairmanship of Secretary (HE) for information & necessary action.


(Dalip Kapur)
Deputy Secretary (ICT)
TEL No. 011-23385220

To,

1. Secretary, Department of Higher Education
2. Additional Secretary (TE), Department of HE, Ministry of Human Resource Development
3. Representative of Department of Expenditure
4. Representative of NITI Aayog
5. Representative of Department of Telecommunication
6. Representative of Department of Space
7. Representative of Department of Science & Technology
8. Representative of Department of Bio-Technology
9. Representative of the Ministry of Agriculture & Cooperation
10. Representative of the Ministry of Health & Family Welfare
11. Two representatives of Department of Electronics & Information Technology (DeitY)
12. Director, Indian Institute of Technology Bhubaneshwar
13. Director, Indian Institute of Technology Mandi
14. Director, Indian Institute of Information Technology, Design & Manufacturing (IIIT) Kancheepuram
15. Director, Indian Institute of Information Technology and Management (IIIT) Gwalior
16. Director, National Institute of Technology (NIT) Jaipur
17. Director, National Institute of Technology (NIT) Agartala
18. One Representative from National Association of Software and Services Companies (NASSCOM)
19. One Representative from Federation of Indian Chambers of Commerce and Industry (FICCI) / Confederation of Indian Industry (CII) / Associated Chambers of Commerce and Industry of India (ASSOCHAM)
20. One Representative from Manufacturers' Association for Information Technology (MAIT)
21. Three experts in the area of e-education nominated by the Chairperson:-
 - (i) Shri. Gautam Shroff, Vice President & Chief Scientist, TCS Innovation Labs Delhi
 - (ii) Prof. Pankaj Jalote, Director, IIIT Delhi
 - (iii) Shri. F. C. Kohli, Chairman, CoE, Pune and Founder, TCS
22. JS & FA, Department of HE, Ministry of Human Resource Development

Copy to:-

1. Sr. PPS to Secretary (HE), M/o HRD
2. Sr. PPS to AS (TE), M/o HRD
3. PS to JS & FA, M/o HRD
4. Director (TE), M/o HRD

Copy for information & necessary action to:-

1. Project Manager (NMEICT)
2. Prof. Uma Kanjilal, Project Coordinator, SAKSHAT Portal, IGNOU – for uploading it on Sakshat Portal



MINUTES OF THE 31st MEETING OF "PROJECT APPROVAL BOARD" OF NATIONAL MISSION ON EDUCATION THROUGH INFORMATION AND COMMUNICATION TECHNOLOGY (NMEICT) HELD ON 3rd DEC, 2015 AT 11:00 HRS AT CONFERENCE ROOM, ROOM NO. 112 SHASTRI BHAWAN, NEW DELHI-110 001.

The 31st Meeting of the Empowered Committee of Experts (Project Approval Board (PAB)) of National Mission on Education through Information and Communication Technology (NMEICT) was held on 3rd Dec 2015 At 11:00 Hrs. at Conference Room, Shastri Bhavan, New Delhi, under the Chairpersonship of Secretary, Department of Higher Education, Ministry of HRD.

The list of Members and Invitees who participated in the Meeting is at Annexure-I.

Mission Director (NMEICT) welcomed the Members & Invitees of the PAB and informed them about the Agenda in brief. Thereafter, with the permission of the Chair, the Agenda Items were discussed and the following decisions were taken: -

Agenda Item No. I

Confirmation of the Minutes of 30th PAB the last meeting held on 28th October 2015.

Member Secretary, PAB, invited observations from the Members on the Minutes of the 30th Meeting of the PAB, while the minutes of previous meeting were communicated to all concerned. Since all the Members agreed and no observations on the Minutes were received, the Minutes of the 30th Meeting of the PAB held on 28th October 2015 were confirmed.

Agenda Item No. II

Action Taken Note on the minutes of 29th PAB & 30th PAB meeting held on 20th May 2015 & 28th October 2015 respectively

Member Secretary, PAB placed the Action Taken Report (ATR) regarding the decisions taken during the 29th and 30th Meeting of the PAB held on 20th May and 28th October respectively before the Members. The ATR submitted was noted by the PAB.

The PAB decided as under:

- a) **Agenda Item no 4 & Agenda Item No 8 of the 28th Meeting:** The PAB instructed the TEL Bureau, a letter from Education Secretary, HE to Secretary, DOS requesting for 10 satellites transponder be sent immediately, if not sent so far.
- b) **Agenda IV (A) 3:** Against delegation of financial power, it was suggested to re-submit the file for necessary action.
- c) **Agenda IV (A) No. 4:** In order to engage an independent agency for review project of 1 crore and above list of such agencies be put up immediately, so that review is completed as soon as possible.
- d) **Agenda IV C (2):** The TEL bureau to send a communication to all such PIs to re-



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submit proposals on 'MOOCs compliance basis' and such proposal be reviewed by the Domain Expert Committee, if not done so far.

- e) **Agenda IV C (5):** The member's expressed concerned on financial irregularities reported in a project sanctioned to ILLL and suggested the action on this may be completed at the earliest and report submitted to the PAB.
- f) **Agenda IV C (11):** The PAB felt that there is need to take up skill development project and the PI be asked to make a presentation during the next PAB.
- g) **Agenda IV C (13):** The PI of 'Learning by Doing' project should be asked to submit copy of the last PRSG held and the UCs to TEL Bureau, in order to enable it to release the next installment of funds.
- h) **Agenda IV C (15):** The PAB expressed its concerned that fact-finding has not been initiated to review the complaints against BSNL & MTNL and approved fact finding committee of the following, to submit its report in a month:-
 - i) Sr. Officer from Telecom Ministry
 - ii) Director, DeitY
 - iii) Representative from MHRD
- i) **Agenda IV C (20):** PAB decided the PI be asked to resubmit proposal on 'Distribute digitized answer book evaluation' project and request the PI to make a presentation before DEC (Domain Expert Committee).
- j) **Agenda IV C (21):** The members were informed; that PI is not working on the project now and has submitted a similar project for approval. It was felt the EduERP is an important proposal and we need to ensure all the elements of the projects are integrated and made workable. A meeting of the PI, with the Addl. Secretary be arranged to resolve the issues on the project, within a month. The members desired that appropriate action may be taken as approved by the 29th PAB.
- k) **Agenda IV C (22):** The members desired that before the last installment of the project is released to the PI, the file be put up for examination of the IFD.
- l) **Agenda IV C (b) (1):** The PAB felt that DTH is an important activity, approved by the Cabinet, which needs to be implement at the earliest. In order to review the merits and limitation, if any of the project, a sub group of the following is constituted: Prof. Timothy A. Gonsalves, Director, IIT Mandi, Prof. R V Raja Kumar, Director, IIT Bhubaneswar and the members and other members of the Committee be recommended by the Addl. Secretary, TEL and the committee submit its report in a month.

Agenda Item No. III

Resubmission of proposal on 'Establishment of Hotspot / Wi-Fi Campus Connect at Central Universities' after due diligence.

After considering the report submitted by DG ERNET, and after deliberations, PAB has approved the campus wi-fi project in 38 Central Universities listed here under:



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	Name & Address of University	Total Users (Student + Staff)	Total buildings	Total Cost (Rs lakh)	Funds already released(rs Lakh)	Balance approved for release (Rs lakh)
1.	AMU, Aligarh	31400	112	977.22	3000	0
2.	Assam University, Silchar	7391	54	477.12	3000	0
3.	Baba Saheb Bhim Rao Ambedkar university	5500	24	649.47	3000	0
4.	BHU, Varanasi	50000	246	5268.51	2000	3268.51
5.	Central University of Gujarat Gandhinagar	3000	16	181.38	0	181.38
6.	Central University of Haryana	1300	23	322.183	1000	0.00
7.	Central University of Himachal Pradesh	987	0	163.58	0	163.58
8.	Central University of Jammu, Jammu Tawi	1800	22	446.1	0	446.10
9.	Central University of Jharkhand	2800	0	1990.255	0	1990.25
10.	Central University of Karnataka, Gulbarga	1726	21	1226.85	1000	226.85
11.	Central University of Kashmir, Srinagar J&K	1300	11	140.34	0	140.34
12.	Central University of Kerala, Trivandrum-	1000	14	169.96	0	169.96
13.	Central University of Orissa, Bhubneswar	950	6	425.03	1000	0.00
14.	Central University of Punjab, Bhatinda	5000	21	533.1	0	533.10
15.	Central University of Rajasthan, Ajmer	2500	16	443.67	0	443.67
16.	Central University of South Bihar, Camp Office: BIT Campus, Patna	1218	0	275.93	0	275.93
17.	Central University of Tamil Nadu, Tiruvarur	1750	20	654.6	0	654.60
18.	Delhi University, Delhi	25000	108	1974.73	0	1974.73
19.	Dr. Harisingh Gour Vishwavidyalaya, Sagar, MP	8000	53	812.62	0	812.62
20.	English and Foreign Languages University, O.U Campus, Hyderabad	3000	14	383.16	0	383.16
21.	Guru Ghasidas Vishwavidyalaya, Bilaspur	6500	32	650.61	800	0.00
22.	Hemawati Nandan Bahuguna Garhwal University, Srinagar, Uttarakhand	17000	79	2096.05	0	2096.05
23.	Hyderabad University,	7000	73	1159.7	0	1159.70



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	Hyderabad					
24	IGNOU, New Delhi	5000	46	536.06	0	536.06
25	Indira Gandhi National Tribal University, Amarkantak	4149	20	1118.57	0	1118.57
26	Jamia Millia Islamia, New Delhi	3220	74	874.1	0	874.10
27	Jawaharlal Nehru University, New Delhi	14000	77	2399.64	1000	1399.64
28	Mahatama Gandhi Antarrashtriya Viswavidyalaya, Wardha	1530	18	491.65	0	491.65
29	Manipur University	5000	31	436.15	0	436.15
30	Maulana Azad National Urdu University, Hyderabad	5000	17	483.57	500	0.00
31	Mizoram University Aizawal	4528	58	501.76	700	0.00
32	Nagaland University , Kohima	2300	74	756.02	0	756.02
33	Pondicherry Univ,Pondicherry	8000	59	890.23	0	890.23
34	Rajiv Gandhi University, Itanagar	2080	36	399.96	2678	0.00
35	Sikkim University, Gangtok, Sikkim	2700	27	375.77	0	375.77
36	Tezpur Univ. TEZPUR	4025	41	939.58	0	939.58
37	Tripura University, Tripura	4000	28	500.68	0	500.68
38	Visva Bharti Shantiniketan, West Bengal	8226	111	1459.49	0	1459.49
	Total for Campus Connectivity through Wi- Fi	259880	1682	33585.39826	19678	24698.47

The approval is subject to the following conditions:

- The project shall be implemented only in the permanent campuses. Provision of wi-fi in temporary campus is allowed as an exception in the case of CU of Kashmir, Himachal Pradesh, and Gujarat, since they are not expected to move into permanent campuses in the next 5 years. In case of CU of Jharkhand, the project shall be implemented only a detailed field study of the existing temporary campus.
- The funds sanctioned define the upper limits. Actual release shall be based on the final tender price. However, if the final tender price is more than what has been sanctioned, the University shall meet the funds (over and above the sanctioned funds) from its resources.
- Where the grants already released to CUs for this purpose is more than what has been estimated by ERNET, the CU shall use those funds for completing the project as approved by the PAB. The CU Division will issue orders accordingly to those universities.



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- d) Wi-fi shall provide only the 'In building' access for the building identified. No Wi-fi shall be provided for open areas.
- e) The project shall be completed by 30th June 2016. No extension in the project would be allowed.
- f) It must be ensured that all active equipment shall have a life-time of at least 5 years and passive equipment of at least 15 years. The industry practices adopted by the BSNL & MTNL shall be followed.
- g) Equipment shall be purchased after following the process laid down in the GFR strictly. Since the project size is large, ERNET should expand the vendor-base after following due process.
- h) The funds released by MHRD or UGC in the past shall be set off against the project cost and only balance funds shall be released from the NME-ICT.
- i) The project would be executed by ERNET as PI under the overall guidance of an Implementation and Monitoring Committee (IMC) consisting of:
 - i. Prof. R. V. Raja Kumar, Director, IIT Bhubaneswar: Chairman
 - ii. Sr. Officers from Ministry of Telecom, Member
 - iii. Sr. Officer from DeitY, Member
 - iv. Mr. Raju Srinivasan, Director (ICT), ConvenerAll the decisions about the procurement shall be taken by ERNET after due consideration and approval by the IMC.
- j) Since most of the active equipment has to be imported, funds required for opening the LC shall be released in the first instance, after completing the procurement process. The exemption from customs shall be obtained as per the procedure in vogue.
- k) Administrative cost of 5% is allowed for ERNET on the project.

The PAB approved execution of Campus Wi-Fi project in 38 Central Universities by ERNET as listed above, with total users numbering 2.59 Lakhs, comprising of 1,682 buildings at a total cost of Rs.335,85,39,826.00. It also noted that a sum of Rs.196.78 Cr have already been released by the CU Bureau to (12) CUs, accordingly net amount approved for release is capped at Rs.246,98,47,492.00 only.

Agenda Item No. IV

Considering 'Modalities for execution of the Wi-Fi Project'.

The 30th PAB approved ERNET shall execute the project in totality at 38CU's under the guidance of IMC constituted for this purpose. The project should be completed before June 30, 2016.

Agenda Item No. V

Extension for all continuing Projects, from 1st January 2016 till 31st March 2016, without sanction of any additional amount.

The PAB decided that all projects sanctioned so far shall be reviewed by the PRSGs. The PRSGs shall be reconstituted limiting the PRSGs to (9). All the projects shall be distributed among these PRSGs. Each PRSG shall be serviced by a Sr consultant/Consultant/Jr Consultant from NME-ICT. This process of review of the



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projects by the PRSGs shall be completed and a report submitted by each PRSG on each of the projects allotted to them on or before 31st January 2016.

Based on these reports, projects which are dormant or falling short of the milestones and failed in achieving the objectives shall be closed; and the balances if any, shall be recouped.

All other projects found to be functioning well shall be allowed to be completed, which shall, in any case, not be beyond 31st March 2016.

Agenda Item No. VI

Ratification of extension offered to NPTEL, CEC and UGC e-content development Projects from 1st January, 2016 till 31st December, 2016.

The PAB was informed that ES, HE in his capacity as Chairman, PAB has extended the projects offered to NPTEL, CEC and UGC e-content development Projects from 1st January 2016 till 31st December 2016 so that the agencies can complete their projects approved by the PAB.

The PAB ratified the extension of NPTEL, CEC and UGC e-content development Projects from 1st January, 2016 till 31st December, 2016.

Agenda Item No. VII

Approval of report by 'Costing Committee; towards the assessment of costing for re-appropriation, design, development and operations of MOOCs'

PAB while taking note of the costing committee felt that it would be appropriate that the expenditure on the MOOCs content should be booked to the new budget head created for that purpose, after approval of the same by the SFC.

Agenda Item No. VIII

Approval 'NPTEL Phase-IV Project', on the recommendations of DEC-Content Meeting held on 23rd November 2015.

The members noted the progress made by NPTEL so far and the recommendations of the DEC-content vide its meeting held on 23rd November, 2015 and noted the PI has met the objectives of the project and exceeded the delivered as per DPR and within funds allocated. The PI has further produced and delivered 93 MOOCs courses.

The PAB noted the PI has utilized funds and made deliverables of phase III NPTEL as per sanctions. Besides this the PI has produced and delivered 93 MOOCs. The project stands completed if the PRSG has seen the utilization certificate. The PAB approved the recommendations of the DEC-Content on NPTEL IV and approved a budget Rs.93.00 Crores for the project deliverable for the next 3 years, provided that the content created follows the 4-quadrant pedagogy of MOOCs.

The Deputy Secretary (ICT) thanked the Chairman and all PAB members and invitees for having conducted a fruitful deliberation and discussion of agenda items.



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Annexure-I

(ATTENDANCE SHEET)

**Meeting: XXXI Project Approval Board (PAB) under National Mission on Education
through Information and Communication Technology.**

Date & Time: 3rd Dec 2015 at 11:00 AM.


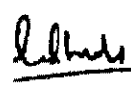
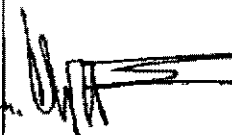

**Venue: Conference Room No. 112-C Wing (First Floor), MHRD, Shastri Bhawan, New
Delhi.**

ATTENDANCE SHEET

Meeting : 31st PROJECT APPROVAL BOARD (PAB) UNDER NATIONAL MISSION ON EDUCATION THROUGH INFORMATION AND COMMUNICATION TECHNOLOGY.

Date/Time : 03rd December, 2015 at 11.00 hrs


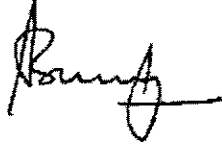
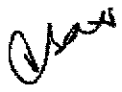


Venue : Conference Room No.112-C Wing (First Floor), MHRD, Shastri Bhawan, New Delhi

S. No.	Name, Designation & Address	Phone No., Fax & Email	Signature
1)	Sh. Vinay Sheel Oberoi Secretary (HE) MHRD, Shastri Bhawan, New Delhi	<u>Ph.</u> <u>Mob.No.:</u> <u>Email:</u> <u>Fax:</u>	
2)	Sh. R. Subrahmanyam Additional Secretary (TE) MHRD, Shastri Bhawan, New Delhi	<u>Ph.</u> <u>Mob.No.:</u> <u>Email:</u> <u>Fax:</u>	
3)	Gautam Shroff VP & Chief Scientist TCS	<u>Ph.</u> <u>Mob.No.:</u> 9212210929 <u>Email:</u> gautam.shroff@tcs.com <u>Fax:</u>	
4)	S. S. CHAWLA Sr. Director S- S.P. Marg Chandigarh, N.D.	<u>Ph.</u> <u>Mob.No.:</u> 9810050681 <u>Email:</u> s.s.chawla@nic.in <u>Fax:</u>	
5)	A K PIPAL Director Bcity, GCO Complex N. Delhi,	<u>Ph.</u> 24301323 <u>Mob.No.:</u> 9958512121 <u>Email:</u> pipal@nic.in <u>Fax:</u> 24364777	

Meeting : 31st PROJECT APPROVAL BOARD (PAB) UNDER NATIONAL MISSION ON EDUCATION THROUGH INFORMATION AND COMMUNICATION TECHNOLOGY.

Date/Time : 03rd December, 2015 at 11.00 hrs


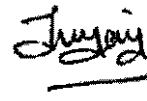



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S. No.	Name, Designation & Address	Phone No., Fax & Email	Signature
6)	Dipak Singh Director Deity	Ph. 24364565 Mob.No.: 9810732329 Email: dipak.singh@deity.gov.in Fax:	
7)	Surat Singh DS(CU), MHRD	Ph. Mob.No.: 8860985288 Email: Fax:	
8)	VIPLAV BAXI (FICCI)	Ph. Mob.No.: 981048140 Email: viplav.baxi@gmail.com Fax:	
9)	HARSHA VARDHAN MATHPAL (NMEICT)	Ph. Mob.No.: 9887837083 Email: HARSHA.MATHPAL@gmail.com Fax:	
10)	ANIKA CHOPRA (NMEICT)	Ph.: Mob.No.: 9654751199 Email: anikaconsultant@nmeict.ac.in Fax:	

Meeting : 31st PROJECT APPROVAL BOARD (PAB) UNDER NATIONAL MISSION ON EDUCATION THROUGH INFORMATION AND COMMUNICATION TECHNOLOGY.

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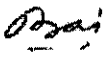




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S. No.	Name, Designation & Address	Phone No., Fax & Email	Signature
11)	Prof R V Raja Kumar Director IIT Bhubaneswar Toshali Bhawan Salga Nagar Bhubaneswar	Ph.: 09437154755 Mob.No.: Email: director@iitbbs.ac.in Fax:	
12)	Dr VIJAY JANYANI Deptt. of ECE, MNIT Jaipur (for: Director, MNIT Jaipur)	Ph.: 9549654240 Mob.No.: 9828025070 Email: vjanyani@mnit.ac.in director@mnit.ac.in Fax:	
13)	Pankaj Talwar IIT-Delhi	Ph.: Mob.No.: Email: Fax:	
14)	Meharban Singh Sr Dir ERNET India	Ph.: Mob.No.: Email: Fax:	
15)	Amit Sharma Consultant MMEIC	Ph.: 9 Mob.No.: 9313113494 Email: amits@mmec.gov.in Fax:	

Meeting : 31st PROJECT APPROVAL BOARD (PAB) UNDER NATIONAL MISSION ON EDUCATION THROUGH INFORMATION AND COMMUNICATION TECHNOLOGY.

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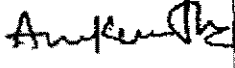


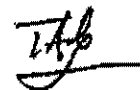
Venue : Conference Room No.112-C Wing (First Floor), MHRD, Shastri Bhawan, New Delhi

S. No.	Name, Designation & Address	Phone No., Fax & Email	Signature
16)	PRAVEEN KOMAR Jr. Consultant	Ph.: 8130905353 Mob.No.: Email: Fax:	
17)	Anant Bajaj DIRECTOR NASSCOM IT-ITES SSC	Ph.: 9810730253 Mob.No.: Email: anant@nasscom.in Fax:	
18)	R. Srinivaram Director MHRD	Ph.: Mob.No.: Email: Fax:	
19)	Neena Pehy.	Ph.: Mob.No.: 9810100170 Email: Fax:	
20)	K.D.Verma US-TEL	Ph.: Mob.No.: Email: Fax:	

Meeting : 31st PROJECT APPROVAL BOARD (PAB) UNDER NATIONAL MISSION ON EDUCATION THROUGH INFORMATION AND COMMUNICATION TECHNOLOGY.

Date/Time : 03rd December, 2015 at 11.00 hrs

Venue : Conference Room No.112-C Wing (First Floor), MHRD, Shastri Bhawan, New Delhi

S. No.	Name, Designation & Address	Phone No., Fax & Email	Signature
21)	Amit Kumar Jha Deputy Director MAIT, RHD House August Kranti Marg, N. Delhi	Ph.: Mob.No.: 9910412202 Email: amit@maite.com Fax:	
22)	Dalip Kumar Deputy Secretary (ICT) MHRD	Ph.: 23385220 Mob.No.: 9911321241 Email: dalip.kumar@nic.in Fax: 23385220	
23)	Pradeep Kaul Sen. Consultant, NIPACT MHRD.	Ph.: Mob.No.: 9418274690 Email: kaulp42@gnod.com Fax:	
24)	T. A. Gonsalves Director IT - Mandi.	Ph.: Mob.No.: Email: tag@citmandi.ec.in Fax:	
25)		Ph.: Mob.No.: Email: Fax:	