

**GOVERNMENT OF INDIA
NORTH EASTERN COUNCIL SECRETARIAT
NONGRIM HILLS, SHILLONG – 793003**

Subject: Forwarding of Inspection Report.


In inviting a reference to the above subject, as requested by the concerned Sector, the physical inspection of the project **“Sitting up of interactive digital classroom for development of Science & Mathematics in 20 Schools(3 classrooms each) in the State of Mizoram.”** was carried out in Mizoram . The inspection report duly signed by the Consultant (CE), Consultant (EE), Consultants (ME) NEC is enclosed herewith. The project was sanctioned on 5th March, 2014.at a total cost of Rs. 391.89 lakhs (NEC’s share is Rs. 391.89 lakhs). Two installment totaling Rs. 294.48 lakhs was released by the NEC.

The inspection, inter alia, mentioned that:

- During inspection it could be seen that all the machines were well installed except only in Baptist School where 1 UPS was not working.
- It could be seen that in all the classes the lecture was carried out using this machine which was installed.
- While interacting with the students they expressed their happiness as digital classroom had made the class more interesting, understandable easy and quick to learn.
- NEC funding was not found to be acknowledged.
- The Project has suffered from time overrun of about 26Months.

This is for information and necessary action by the concerned Sector.

Enclosure: As above.


(W. Synrem)
Economic Adviser (E&M)

U.O.No.NEC/EM/INSPECTION/HRD&E/2012/

Dated: the 16../.06../2017

To,

Director (HRD&E), NEC

Copy to,

1. P.S to Planning Adviser, NEC for kind information of Planning Adviser
2. PSA, NIC-NEC (Shri M. Nongkhlaw) for uploading the report with photograph on NEC website.

Report of the inspection carried on 9 /05/2017, 10/05/2017 and on 15/ 05/2017 for the NEC funded project “Setting up of interactive digital classroom for development of Science & Mathematics in 20 Schools(3 classrooms each) in the State of Mizoram”.

A joint inspection of the above project was carried out by an official of NEC Secretariat, Shillong and officials of ITC department Govt. of Mizoram on 9 /05/2017, 10/05/2017 and on 15/ 05/2017_at Lunglei,Mamit,Serchip and Champhai Districts, Mizoram. The list of the officials present during the inspection is enclosed as Annexure-I.

(I) BACKGROUND:

Name of the project:	Setting up of interactive digital classroom for development of Science & Mathematics in 20 Schools(3 classrooms each) in the State of Mizoram.
Location	Aizawl, Lunglei, Lawngtlai, saiha, Kolasib, Champhai, Mamit, Serchhip District, Mizoram.
Implementing Agency:	Chief informatics Officer, ICT, Government of Mizoram under the department of Information and Communication Technology, Govt. of Mizoram.
Date of Sanction:	5 th March, 2014.
Cost of Project:	Rs. 391.89 lakhs
NEC Share :	Rs. 391.89 lakhs
NEC Share released & Dates	1 st installment of Rs. 94.48 lakhs on 5 th March,2014. 2 nd installment of Rs. 200.00 lakhs on 16 th Dec, 2015
Total Amount Released:	Rs. 294.48 lakhs.
Balance amount to be released by NEC	Rs. 97.41 lakhs.
Status of UC for 1 st installment	UC for Rs. 94.48 lakhs submitted on 21 st Dec, 2015 UC for Rs. 200.00 lakhs submitted on 12 April 2017.
Target Date of Completion	12 months for the date of sanction

(II) Aim of the Project: Make learning more engaging, interactive and meaningful with help of new technology in classroom, provides the facility to create, record & publish video lectures, digital knowledge repository system for e-Content, e-Book and e-Library. This solution is used for creating, searching and distributing digital content collections anytime and anywhere

(III) Observations/ Status of works (Physical Achievements):

The following observations were made on the basis of the visit to the project site and interactions with the officials of the implementing department. Officials of the implementing agency informed that the project had been implemented in 20 schools in Mizoram i.e. Aizawl (12 school), 2. Lunglei (2 school), 3. Serchip (1), 4.Lawngtlai (1), 5. Kolasib (1), 6. Champhai (1), 7. Mamit (1), 8.Saiha (1).

The NEC Inspection Team inspected schools at Lunglei, Mamit, Serchip and Champhai.

Sl.No.	Scope of Work as per DPR	Qty	Latest Progress Report as per QPR	Remarks based on site Verification
1.	Desktop PC <ul style="list-style-type: none">• Intel core i5• Intel G41• 4GB DDR2-800 Mhz• 320 GB SATA HDD• DVD Combo• 15" TFT Monitor• Onboard 10/100/1000 GbE• Microsoft Windows 8	60		<ul style="list-style-type: none">• Baptist High School Lunglei District Mizoram. All the 3 classrooms where digital classroom was installed were inspected, it could be seen the desktop PC is working.• Govt Higher Secondary Lunglei it could be seen that all Desktop Pc item were wotking, lecture was carried on using this machine.• Govt Gandhi Memorial Higher Secondary School Champhai Districts. Allthe classroom were inspected and could be seen it's well installed and lecture was carried on using this desktop.• Govt. High School Mamit Districts. All the classroom were inspected and could be seen it's well installed and lecture was carried on using this desktop.• Govt. Serchipp higher secondary School Serchipp Districts. Allthe classroom were inspected and could be seen it's well installed and lecture was carried on using this desktop.
2.	UPS (5 Kva Online) <ul style="list-style-type: none">• With isolation Transformer• Suitable for single phase AC•	60		<ul style="list-style-type: none">• Baptist High School Lunglei District Mizoram. Only 2 UPS was working.• Govt Higher Secondary Lunglei it could be seen in the 3 classrooms its well installed and its working

	<ul style="list-style-type: none"> • qa • Input & Single phase AC output • Floor Mounted Type 			<ul style="list-style-type: none"> • Govt Gandhi Memorial Higher Secondary School.all the three UPS were working. • Govt. High School Mamit Districts, all the three UPS were working. • Govt. Serchipp higher secondary School Serchipp Districts, all the three UPS were working.
3.	<p>Digital Multifunctional Copier Machine</p> <ul style="list-style-type: none"> • 35/35 cpm • Bye pass • HDD • RAM 	60		<ul style="list-style-type: none"> • Baptist High School Lunglei District Mizoram, all are working • Govt Higher Secondary Lunglei it could be seen in the 3 classrooms its well installed and its working • Govt Gandhi Memorial Higher Secondary School. All in the three classrooms were working. • Govt. High School Mamit Districts, all the three class room were working. • Govt. Serchipp higher secondary School Serchipp Districts, all the three class room were working.
4.	<p>Multimedia Projector</p> <ul style="list-style-type: none"> • With wireless connectivity between PC and projector, • Storage media port • Wireless LAN connectivity 	60		<ul style="list-style-type: none"> • Baptist High School Lunglei District Mizoram,has been installed and working properly. All the lecture is carried out using this multimedia projector. • Govt Higher Secondary Lunglei it could be seen in the 3 classrooms its well installed and its working • Govt Gandhi Memorial Higher Secondary School.all in the three classroom were working. • Govt. High School Mamit Districts, all the three class room were working. • Govt. Serchipp higher secondary School Serchipp Districts, all the three class room were working.
5.	<p>Visual Presenter</p> <ul style="list-style-type: none"> • Desktop type • Optical zoom:12x • Remote Control • CMOS Technology 	60		<ul style="list-style-type: none"> • Baptist High School Lunglei District Mizoram,has been installed and working properly. All the lecture is carried out using this multimedia projector. • Govt Higher Secondary Lunglei it could be seen in

	<ul style="list-style-type: none"> Including Carrying Case for Desktop Visual Presenter 			<ul style="list-style-type: none"> the 3 classrooms its well installed and its working Govt Gandhi Memorial Higher Secondary School.all in the three classroom were working. Govt. High School Mamit Districts, all the three class room were working. Govt. Serchipp higher secondary School Serchipp Districts, all the three class room were working.
6.	<p>Interactive White Board:</p> <ul style="list-style-type: none"> Aspect Ratio :4:3 Size: 1225mm x 3000mm 	60		<ul style="list-style-type: none"> Baptist High School Lunglei District Mizoram,has been installed and working properly. . Govt Higher Secondary Lunglei it could be seen in the 3 classrooms its well installed and its working Govt Gandhi Memorial Higher Secondary School.all in the three classroom were working. Govt. High School Mamit Districts, all the three class room were working. Govt. Serchipp higher secondary School Serchipp Districts, all the three class room were working.
7.	<p>Training of Math and Science Teachers, Help Desk in State Headquarter and deployment of Support Engineer in every District, Maintenance of Machines and Administrative overhead cost.</p>	60		<p>The implementing agency informed that training was conducted and all teachers are using digital classroom for interactive learning.</p>

Location (Co-ordinates):- N 22.90920° N 23.47966° N 23.910110° N 23.315410°

E 92.75922° E 93.31503° E 92.494339° E 92.858238°

(IV) Overall Remarks and Suggestion:-

During inspection it could be seen that all the machines were well installed except only in Baptist School where 1 UPS was not working. It could be seen that in all the classes the lecture was carried out using this machine which was installed. While interacting with the students they expressed their happiness as digital classroom had made the class more interesting, understandable easy and quick to learn.



(Liza R Hek)
Consultant (ME),
NEC Secretariat, Shillong



(Abhijit Sarkar)
Consultant (EE)
NEC Secretariat, Shillong



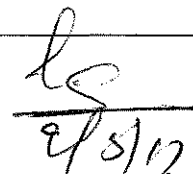
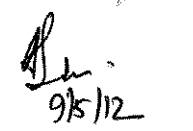
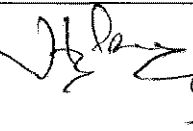

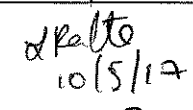

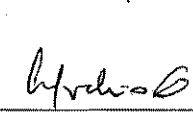
(Jeriel/Nicholas. J. Kharbhih)
Consultant (CE)
NEC Secretariat, Shillong

MAMIT & SERCHIP

~~CONFIDENTIAL~~

List of officials who were present during the inspection of NEC funded project
"Establishment of State Medical Library at Civil Hospital, Aizawl, Mizoram" on
 Setting up of Interactive Digital Class Room 9/05/2017.

Mamit &
Serchip

Sl. No.	Name	Contact No. & Email id	Designation & Organisation/Department	Signature
1.	LALRIKHEUMA SAMLO	9436152690	Advisor Planning	 9/5/17
2.	ABHIJIT SARKAR	8132853127	Consultant (EE) NEC, Shillong	 9/5/17
3.	HMARTAWNLUAIA VAIPHEI	9485082496	IC Headmaster Govt MAMIT H/S	 9/5/17
4.	MALSANMTELVAN GA PAUTU	9862059 256	Lecturer Govt. Serchhip HSS	 10/5/17
5.	LALCHHUANMAWIA RALTE	9862746446	District Manager, DSOGs (Serchhip)	 10/5/17
6.	ZONUNSIAMIA	9856090879	Lecturer G. HSS Serchhip	 10/5/17
7.	LALRAMBHEISEIA	9436196805	Sn. Ro. (Plg)	 10/5/17
8.				
9.				
10.				

} Mamit

} Serchhip.

List of officials who were present during the inspection of NEC funded project “Setting up of Interactive Digital Classroom for Development of Science & Mathematics in 20 Schools(3 classrooms each) in the State of Mizoram” on /05/2017

Sl. No.	Name	Contact No. & Email id	Designation & Organisation/Department	Signature
1.	DENGSAILOVI ZADENG	9436371902	HEADMASTER	
2.	F. LALHMANGAH THANGA	9862311359 cpuia@rediffmail.com	TEACHER	
3.	ZONUANSANGA	9436755909	DISTRICT MANAGER	
4.	C. LALTHLENGLIANA	9436193903	DISTRICT MANAGER	
5.	MARK LALTANPUIA	8416045073	TEACHER	
6.	H. TLANCHH UAHKIMA	9436147082	SR. LECTURER	
7.	K. PAZANDWA	8974406516	Principal Govt. M. HSS Champhai	
8.	C. LALMUANPUIA	8794717011	ICT Dept.	
9.	C. ZONUNTLUANGI	9862640368	Lecturer	
10.	C. LALNUNSI-AMI	9612368379	Research Officer Planning Deptt.	 14/5/17
11.	JOHN FOHMA NGAHHA	8730924744	Secretary	 15/5/17

12. Jeyid Nicholas 9436535665 Consultant CE
NEC

13. Liza R. Heh 9774335292 Consultant-ME
NEC



View of Interactive digital class room at Government Mamit High School at Mamit,Mizoram



View of Multifunctional Copier machine at Government Mamit High School at Mamit,Mizoram



View of UPS,Desktop PC,Visual presenter at Government Mamit High School at Mamit,Mizoram



View of interactecive classroom sesion by digitally visual presenter was being carried out at Government Mamit High School at Mamit,Mizoram



View of Interactive digital class room at Government Mamit High School at Mamit,Mizoram



View of UPS,Desktop PC at Government Mamit High School at Mamit,Mizoram



View of Interactive digital class room at Government Mamit High School at Mamit,Mizoram



Inspection team in front of the Government Mamit High School at Mamit,Mizoram



View of Interactive digital class room at Government HighSecondary School at Serchip,Mizoram



View of UPS,Desktop PC at Government Higher Secondary School at Serchip ,Mizoram



View of Interactive digital class room at Government Higher Secondary School at Serchip, Mizoram



View of UPS, Desktop PC at Government Higher Secondary School at Serchip, Mizoram



View of Digital Multifunction Copier machine at Government Higher Secondary School at Serchip , Mizoram



Inspection team in front of the Government Higher Secondary School at Serchip ,Mizoram



View of interactive classroom session by digitally visual presenter was being carried out at Government Gandhi Memorial Higher Secondary School at Champhai District, Mizoram



Teacher was seen giving lectures with the help of Interactive white Board in Government Gandhi Memorial Higher Secondary School at Champhai District, Mizoram



View of interactecive classroom sesion by digitally visual presenter was being carried out at Goverment Gandhi Memorial Higher Secondary School at Champhai District,Mizoram



View of UPS,Desktop PC,Visual presenter at Goverment Gandhi Memorial Higher Secondary School at Champhai District,Mizoram



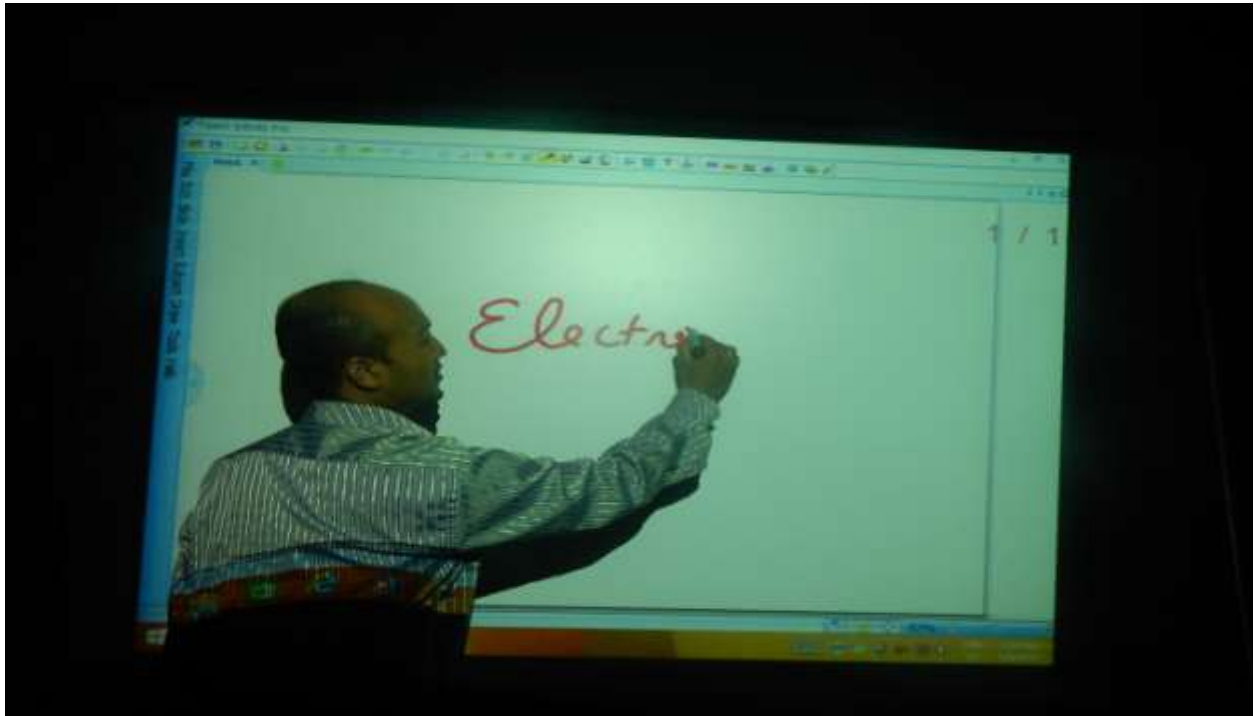
View of Digital Multifunctional Copier machine at Government Gandhi Memorial Higher Secondary School at Champhai District, Mizoram



Inspection team interacting with the teachers inside the class room of Government Gandhi Memorial Higher Secondary School at Champhai District, Mizoram



View of UPS,Desktop PC,Visual presenter at Baptist High School at Lunglei District,Mizoram



View of interactive classroom session by digitally visual presenter was being carried out at Baptist High School at Lunglei District,Mizoram



Inspection team inside the class room of Government Higher Secondary School at Lunglei District, Mizoram



View of Digital Multifunctional Copier machine at Government Higher Secondary School at Lunglei District, Mizoram



View of UPS,Desktop PC,Visual presenter at Government Higher Secondary School at Lunglei District,Mizoram.

