

NEIGRIHMS

**NORTH EASTERN INDIRA GANDHI REGIONAL INSTITUTE OF HEALTH
& MEDICAL SCIENCE, SHILLONG**

(An Autonomous Institute, Ministry of Health and Family Welfare, Government of India)



RRC-TELEMEDICINE (N.E), DEPARTMENT OF ANAESTHESIOLOGY

No.NEIGR/Telmed/2018/ 120

Dated: Shillong, the 16th April, 2018

Annual Telemedicine Report 2017-2018

1. **Manpower:** - Initial recruitment of manpower for the RRC (NEIGRIHMS) has been completed. The staffs for the post of Consultant (Operation), Infrastructure & Network Administrator and Telemedicine Technicians has joined and started working. However the applicant for the post of Content Developer did not join, so the post of Content Developer is still vacant.
2. **Infrastructure:** -
 - i. Construction of DATA CENTER has been completed.
 - ii. **Tele-evidence** and **Tele-Consultation** rooms have been setup and it is functional, the lists of the tele-evidence are listed below.
 - iii. Lecture Theater-2 is been identified for setting up of Virtual Class Room.
 - iv. Telemedicine staff office and E-Library has been constructed in the Central Library premises, NEIGRIHMS. A total of 26 terminals with internet connectivity have been setup and moreover wi-fi facility has been provided to the premises of Central library.
3. **Tele-Evidence:** - **A total of 8 (eight) sessions has been completed till date.**
 - i. A Video Conference on **Tele-Evidence** was held on **18th May, 2017** between a Doctor of NEIGRIHMS and Judges of District Court Nongstoin, Meghalaya. **Venue: RRC-Tele Evidence Room, NEIGRIHMS.**
 - ii. A Video Conference on **Tele-Evidence** was held on **30th May, 2017** between Dr. Evangelere Synrem, Dept of General Medicine, NEIGRIHMS and Judges of District Court Nongstoin, Meghalaya. **Venue: RRC-Tele Evidence Room, NEIGRIHMS.**
 - iii. A Video Conference on **Tele-Evidence** was held on **13th June, 2017** between Dr. A. J. Patowary, Prof & HOD FMT, NEIGRIHMS and Judges of District Court Tezpur, Assam. **Venue: RRC-Tele Evidence Room, NEIGRIHMS.**
 - iv. A Video Conference on **Tele-Evidence** was held on **13th July, 2017** between Dr. A. J. Patowary, Prof & HOD FMT, NEIGRIHMS and Judges of District Court Amingaon, Assam. **Venue: RRC-Tele Evidence Room, NEIGRIHMS.**
 - v. A Video Conference on **Tele-Evidence** was held on **19th August, 2017** between Dr. A. J. Patowary, Prof & HOD FMT, NEIGRIHMS and Judges of District Court Kamrup, Assam. **Venue: RRC-Tele Evidence Room, NEIGRIHMS.**

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- vi. A Video Conference on **Tele-Evidence** was held on **6th September, 2017** between Dr. A. J. Patowary, Prof & HOD FMT, NEIGRIHMS and Judges of District Court Kamrup, Assam. **Venue: RRC-Tele Evidence Room, NEIGRIHMS.**
- vii. A Video Conference on **Tele-Evidence** was held on **20th September, 2017** between Dr. Emanuel Momin, dept of ENT, NEIGRIHMS and Judges of District Court Nongpoh, Meghalaya. **Venue: RRC-Tele Evidence Room, NEIGRIHMS.**
- viii. A Video Conference on **Tele-Evidence** was held on **12th December, 2017** between Dr. A. J. Patowary, Prof & HOD FMT, NEIGRIHMS and Judges of District Court Kamrup, Assam. **Venue: RRC-Tele Evidence Room, NEIGRIHMS**

4. e-Learning:-

a. CME (Under ISRO Network):- Twelve (12) CME session has be done till date through ISRO Network.

- i. **Continuing Medical Education (CME)** session was held on **28th July, 2017**. The topic of discussion was on **“Common Allergies –Its Treatment and Management ”** delivered by Dr. G.R. Bhagat, MD, FCHI, Allergy Specialist, Ahmedabad. **Venue: RRC-Telemedicine Studio Room, NEIGRIHMS.**
- ii. **Continuing Medical Education (CME)** session was held on **31st August, 2017**. The topic of discussion was on **“Obesity- Its Complications and Management”** delivered by Dr. Manish Agarwal, MD, Head of Centre for Diabetes, Thyroid, Endocrinologist & Metabolism, Medi link Hospital, Ahmedabad. **Venue: RRC- Telemedicine Studio Room, NEIGRIHMS.**
- iii. **Continuing Medical Education (CME)** session was held on **11th Sept, 2017**. The topic of discussion was on **“Asthma in Children”** delivered by Dr. Meenu Singh, MD, Professor, Department of Paediatrics and HOD of Telemedicine, PGIMER Chandigarh. **Venue: RRC- Telemedicine Studio Room, NEIGRIHMS.**
- iv. **Continuing Medical Education (CME)** session was held on **31th October, 2017**. The topic of discussion was on **“Acute Emergencies and Recent Treatment”** delivered by Dr. Bhagyesh Shah, MBBS, DA, IDCCM Intensives CIMS Hospital, Ahmedabad. **Venue: RRC- Telemedicine Studio Room, NEIGRIHMS.**
- v. **Continuing Medical Education (CME)** session was held on **30th November, 2017**. The topic of discussion was on **“Recent Advanced and management in sports injury”** delivered by Dr. Kalpesh Trivedi, Arthroscopic surgeon, HCG Hospital, Ahmedabad. **Venue: RRC- Telemedicine Studio Room, NEIGRIHMS.**

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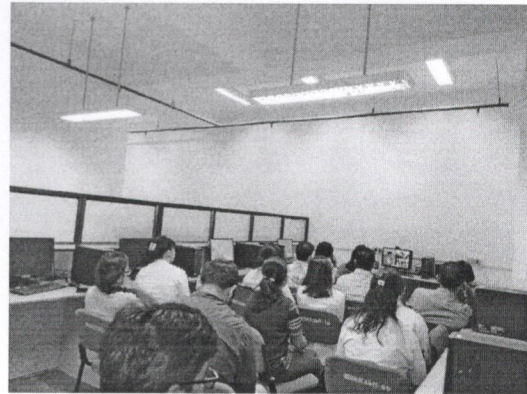
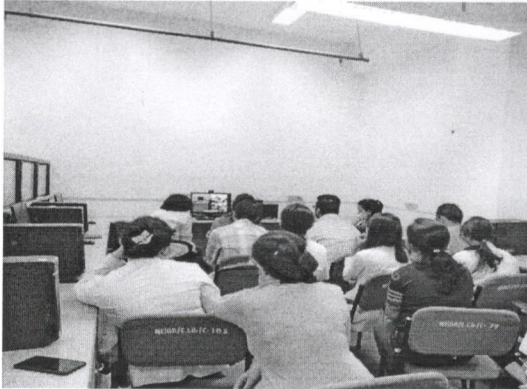
- vi. **Continuing Medical Education (CME)** session was held on **21th December, 2017**. The topic of discussion was on **“Common Gynaecological Cancers Diagnosis & Management with recent advances”** delivered by Dr.Nitin Singhal, MS, MCH Surgical Oncology Consultant- Surgical Oncologist, Apollo CBCC Cancer Care, Apollo Hospital, Ahmedabad. **Venue: RRC- Telemedicine Studio Room, NEIGRIHMS.**
- vii. **Continuing Medical Education (CME)** session was held on **18th January, 2018**. The topic of discussion was on **“Facts About Cancer”** delivered by Prof. S.M. Bose, Former HoD of Surgery, PGIMER, Chandigarh. **Venue: RRC- Telemedicine Studio Room, NEIGRIHMS.**
- viii. **Continuing Medical Education (CME)** session was held on **30th January, 2018**. The topic of discussion was on **“Current trends in Spinal Surgery and Management”** delivered by Dr. Amit Jhala, Consultant Spine Surgeon, Director, Chirayu Hospital, HoD of Spine Surgery HCG Hospital, Ahmedabad. **Venue: RRC- Telemedicine Studio Room, NEIGRIHMS.**
- ix. **Continuing Medical Education (CME)** session was held on **9th February, 2018**. The topic of discussion was on **“Novel therapies in Cirrhosis”** delivered by Dr. Nipon Verma, DM Hepatology, Consultant, health Informatics Unit, Dept. of Telemedicine, PGIMER, Chandigarh. **Venue: RRC- Telemedicine Studio Room, NEIGRIHMS.**
- x. **Continuing Medical Education (CME)** session was held on **15th February, 2018**. The topic of discussion was on **“Professionalism in Medical Practice”** delivered by Dr.Gita Mehta, Prof. in Medicine, University of California, San Diego, USA. **Venue: RRC- Telemedicine Studio Room, NEIGRIHMS.**
- xi. **Continuing Medical Education (CME)** session was held on **28th February, 2018**. The topic of discussion was on **“Pancreatic Disease Complications & Current Treatment”** delivered by Dr. Joy Abraham, Consultant, MBBS, MS, M.Ch, General & Gastrointestinal Surgeon, CIMS Hospital, Ahmedabad. **Venue: RRC- Telemedicine Studio Room, NEIGRIHMS.**
- xii. **Continuing Medical Education (CME)** session was held on **20th March, 2018**. The topic of discussion was on **“Female Cancers- Prevention and Current Treatment”** delivered by Dr.Usha Bohra, Apollo Hospital, Ahmedabad. **Venue: RRC- Telemedicine Studio Room, NEIGRIHMS.**

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b. CPC (Clinical Pathological Class):- Every Wednesday a CPC program is been held with PGIMER, Chandigarh and NEIGRIHMS. A total of Nineteen (19) sessions has been conducted till date.

- i. **Clinical Pathological Conference (CPC)** session was held on **23rd Aug, 2017** with PGIMER Chandigarh, Department of Pathology. The topic of discussion was on **“Pediatrics Hematology Oncology”**. **Venue: RRC- Telemedicine E-Learning & Digital Library, NEIGRIHMS.**

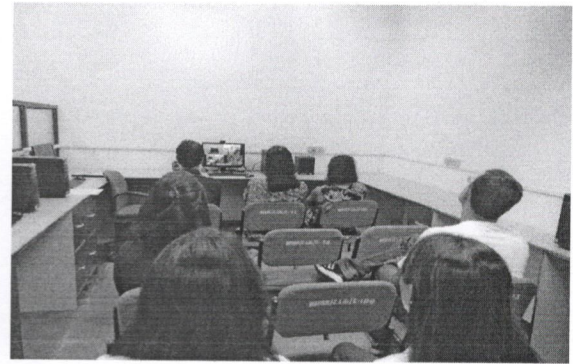


- ii. **Clinical Pathological Conference (CPC)** session was held on **30th Aug, 2017** with PGIMER Chandigarh, Department of Pathology. The topic of discussion was on **“Clinical Protocol”**. **Venue: RRC- Telemedicine E-Learning & Digital Library, NEIGRIHMS.**



- iii. **Clinical Pathological Conference (CPC)** session was held on **13th September, 2017** with PGIMER Chandigarh, Department of Pathology. The topic of discussion was on **“Staff CPC”**. **Venue: RRC- Telemedicine E-Learning & Digital Library, NEIGRIHMS.**

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iv. **Clinical Pathological Conference (CPC)** session was held on **20th September, 2017** with PGIMER Chandigarh, Department of Pathology. The topic of discussion was on **“Staff CPC”**. **Venue: RRC-Telemedicine E-Learning & Digital Library, NEIGRIHMS.**

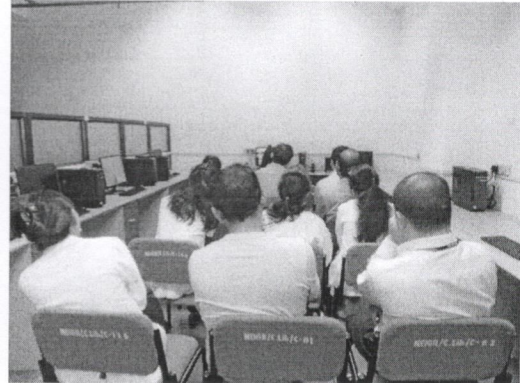
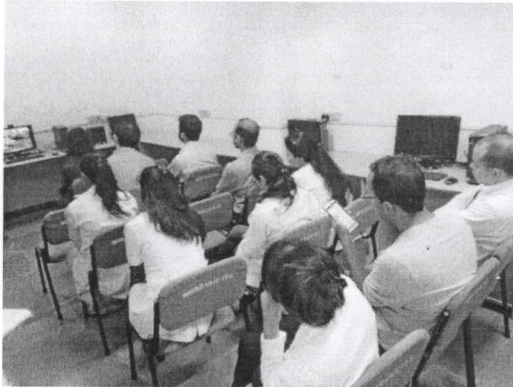


v. **Clinical Pathological Conference (CPC)** session was held on **27th September, 2017** with PGIMER Chandigarh, Department of Pathology. The topic of discussion was on **“Staff CPC”**. **Venue: RRC-Telemedicine E-Learning & Digital Library, NEIGRIHMS.**

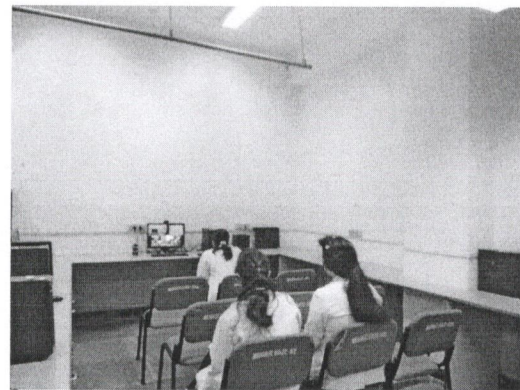
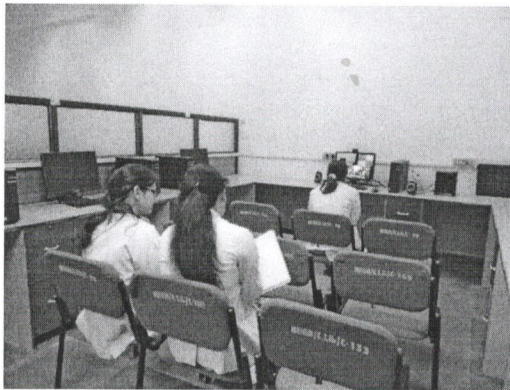



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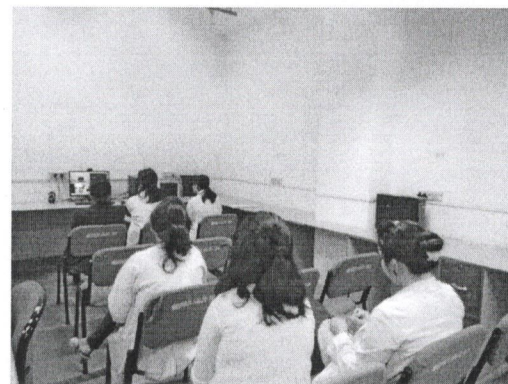
vi. **Clinical Pathological Conference (CPC)** session was held on **4th October, 2017** with PGIMER Chandigarh, Department of Pathology. The topic of discussion was on **“Clinical Protocol”**. **Venue: RRC- Telemedicine E-Learning & Digital Library, NEIGRIHMS.**




vii. **Clinical Pathological Conference (CPC)** session was held on **11th October, 2017** with PGIMER Chandigarh, Department of Pathology. The topic of discussion was on **“Staff CPC”**. **Venue: RRC- Telemedicine E-Learning & Digital Library, NEIGRIHMS.**

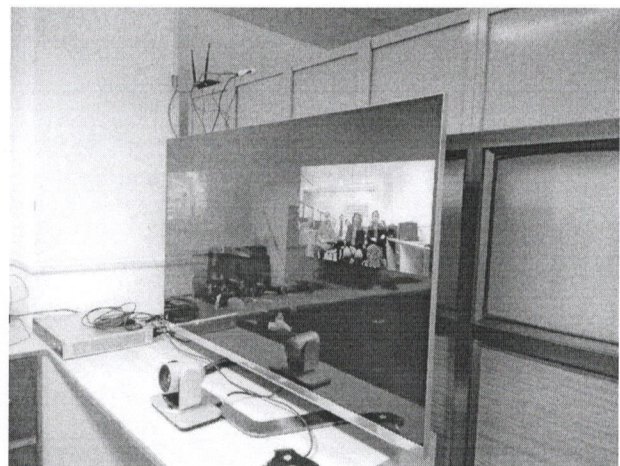


viii. **Clinical Pathological Conference (CPC)** session was held on **18th October, 2017** with PGIMER Chandigarh, Department of Pathology. The topic of discussion was on **“Staff CPC”**. **Venue: RRC- Telemedicine E-Learning & Digital Library, NEIGRIHMS.**



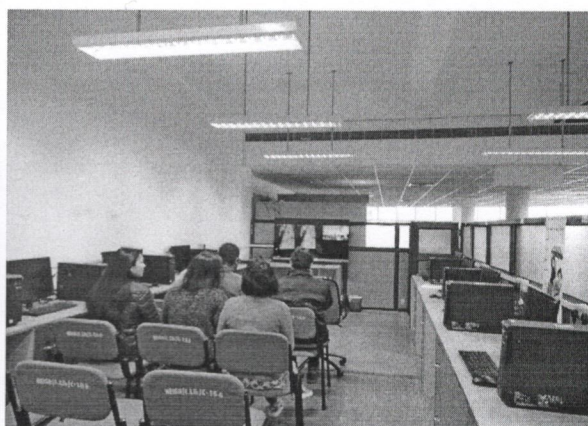

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- ix. **Clinical Pathological Conference (CPC)** session was held on **25th October, 2017** with PGIMER Chandigarh, Department of Pathology. The topic of discussion was on **“Staff CPC”**. **Venue: RRC-Telemedicine E-Learning & Digital Library, NEIGRIHMS.**
- x. **Clinical Pathological Conference (CPC)** session was held on **1st November, 2017** with PGIMER Chandigarh, Department of Pathology. The topic of discussion was on **“Staff CPC”**. **Venue: RRC-Telemedicine E-Learning & Digital Library, NEIGRIHMS.**
- xi. **Clinical Pathological Conference (CPC)** session was held on **8th November, 2017** with PGIMER Chandigarh, Department of Pathology. The topic of discussion was on **“Staff CPC”**. **Venue: RRC-Telemedicine E-Learning & Digital Library, NEIGRIHMS.**
- xii. **Clinical Pathological Conference (CPC)** session was held on **15th November, 2017** with PGIMER Chandigarh, Department of Pathology. The topic of discussion was on **“Staff CPC”**. **Venue: RRC- Telemedicine E-Learning & Digital Library, NEIGRIHMS.**
- xiii. **Clinical Pathological Conference (CPC)** session was held on **17th January, 2018** with PGIMER Chandigarh, Department of Pathology. The topic of discussion was on **“Staff CPC”**. **Venue: RRC-Telemedicine E-Learning & Digital Library, NEIGRIHMS.**
- xiv. **Clinical Pathological Conference (CPC)** session was held on **24th January, 2018** with PGIMER Chandigarh, Department of Pathology. The topic of discussion was on **“Staff CPC”**. **Venue: RRC-Telemedicine E-Learning & Digital Library, NEIGRIHMS.**

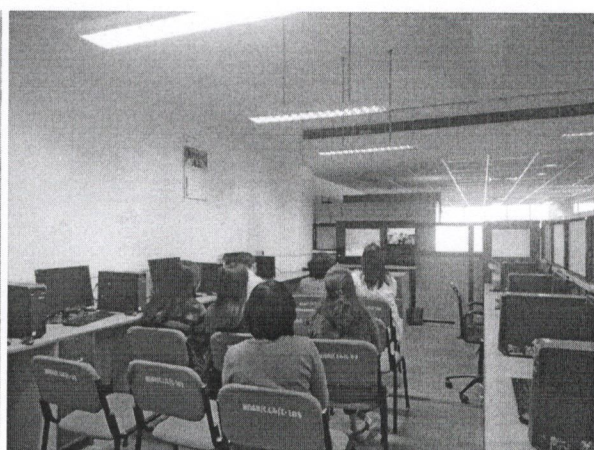
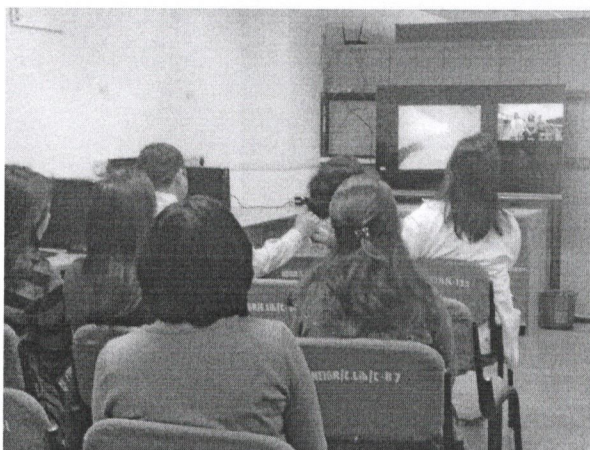


- xv. **Clinical Pathological Conference (CPC)** session was held on **7th February, 2018** with PGIMER Chandigarh, Department of Pathology. The topic of discussion was on **“Staff CPC”**. **Venue: RRC-Telemedicine E-Learning & Digital Library, NEIGRIHMS.**

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xvi. **Clinical Pathological Conference (CPC)** session was held on **7th March, 2018** with PGIMER Chandigarh, Department of Pathology. The topic of discussion was on **“Staff CPC”**. **Venue: RRC-Telemedicine E-Learning & Digital Library, NEIGRIHMS.**



xvii. **Clinical Pathological Conference (CPC)** session was held on **14th March, 2018** with PGIMER Chandigarh, Department of Pathology. The topic of discussion was on **“Staff CPC”**. **Venue: RRC-Telemedicine E-Learning & Digital Library, NEIGRIHMS.**




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xviii. **Clinical Pathological Conference (CPC)** session was held on **21st March, 2018** with PGIMER Chandigarh, Department of Pathology. The topic of discussion was on **“Staff CPC”**. **Venue: RRC-Telemedicine E-Learning & Digital Library, NEIGRIHMS.**

xix. **Clinical Pathological Conference (CPC)** session was held on **28th March, 2018** with PGIMER Chandigarh, Department of Pathology. The topic of discussion was on **“Staff CPC”**. **Venue: RRC-Telemedicine E-Learning & Digital Library, NEIGRIHMS.**



d. CME (Palliative Care):-

- i. Palliative Care, NEIGRIHMS joined the **Tele-conference session** on the **“Opioids Access”** on the **5th May, 2017**. **Venue: RRC-Telemedicine Studio Room, NEIGRIHMS.**

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5. Workshop:-

i. **ISA-PG Assembly 2017 Workshop** organized by the Dept. Of Anesthesiology & Critical Care NEIGRIHMS, Shillong from **27th Oct – 29th Oct 2017** was shared with the below listed Medical Colleges through Video Conferencing. Time: 8:00 Am to 7:00 PM each day.

Date	Event	Remote Centers
27 th Oct, 2017 (Day 1)	<p align="center">ISA-PG Assembly 2017</p> <p>Venue: RRC-Telemedicine Studio Room, NEIGRIHMS</p> <p>Time: 8:00 Am – 7:00 PM</p>	<ol style="list-style-type: none"> 1. SGPGI, Lucknow 2. JIPMER, Puducherry 3. AGMC, Agartala
28 th Oct, 2017 (Day 2)		<ol style="list-style-type: none"> 1. SGPGI, Lucknow 2. JIPMER, Puducherry
29 th Oct, 2017 (Day 3)		<ol style="list-style-type: none"> 1. SGPGI, Lucknow 2. JIPMER, Puducherry


Pictures of ISA PG Assembly:-

Day 1:

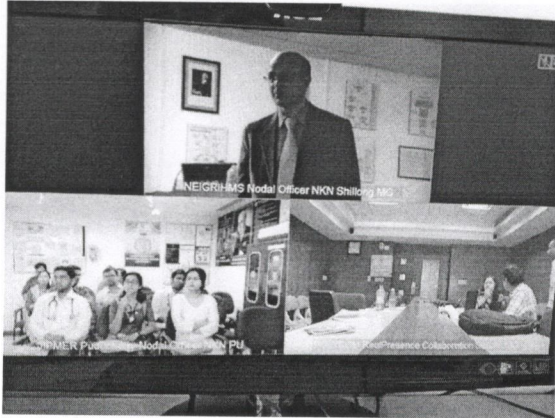


Day 2:




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Day 3:

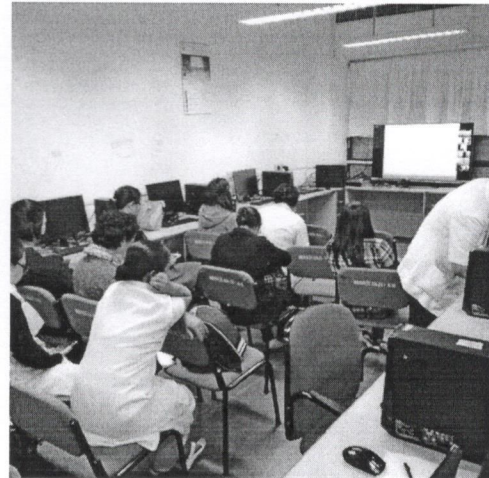


ii. **CME & CNE on Palliative Care Workshop** organized by Department of Anesthesiology & Critical Care, Palliative Care, NEIGRIHMS, Shillong from 15th- 16th February, 2018, where Dr. MR. Rajagopal was present for the panel discussion on 15th February and moreover the whole workshop has been shared with other doctors of Palliative Care.



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iii. Palliative Care Workshop was held on 28th March, 2018. Venue: RRC- Telemedicine E-Learning & Digital Library, NEIGRIHMS.




6. Other Activities:-

- i. A Video Conferencing session between Civil Hospital, Shillong; Ganesh Das Hospital, Shillong and NEIGRIHMS was held on 11th and 12th May, 2017. Venue: RRC-Telemedicine Studio Room, NEIGRIHMS.

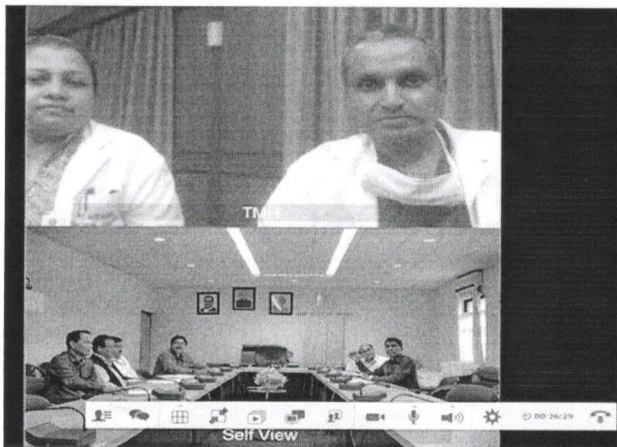


- ii. A **Video Conferencing meeting** was held on 11th September, 2017 under the chairmanship of AS&MD (NHM) regarding the implementation of JSSK in centrally funded medical Colleges. Venue: Director's Conference Room, NEIGRIHMS.


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iii. A **Video Conferencing meeting** was held on **12th September, 2017** to discuss the manpower requirement for setting of Regional Cancer Centre of the institute where Prof. Sarbanai Ghosh Laskar from Tata Memorial Hospital, Mumbai has attended the meeting through Video conferencing. **Venue: Director's Conference Room, NEIGRIHMS.**



iv. A **Video Conferencing meeting** was held on **3rd April, 2018** between MoHFW, Delhi, RIMS, Imphal and NEIGRIHMS, Shillong. **Venue: Director's Conference Room, NEIGRIHMS.**



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7. ICT equipment's:-

Sl. No.	Name of the Stores /Items	Quantity
1.	Blade Server	08 nos
2.	Chassis	01 no
3.	SAN Storage	01 no
4.	HD Video Conferencing	01 no
5.	UTM	01 no
6	Rack	02 nos
7.	Wireless Switches	03 nos
8.	Server OS	08 nos
9.	Add. User	08 nos
10.	Software	01 no
11.	Add.user	20 nos
12.	Antivirus	01 no
13.	USB Video Conferencing PTZ Camera	01 no
14.	Desktop Computer	15 nos
15.	Microsoft office 2010	15 nos
16.	Network Printer (Laser)	02 nos
17.	Stereo Speaker	05 nos
18.	Web-Cam (HD)	04 nos
19.	Head-phone	15 nos
20.	UPS 10Kva	01 no
21.	UPS 5Kva	02 nos

With regards,



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