

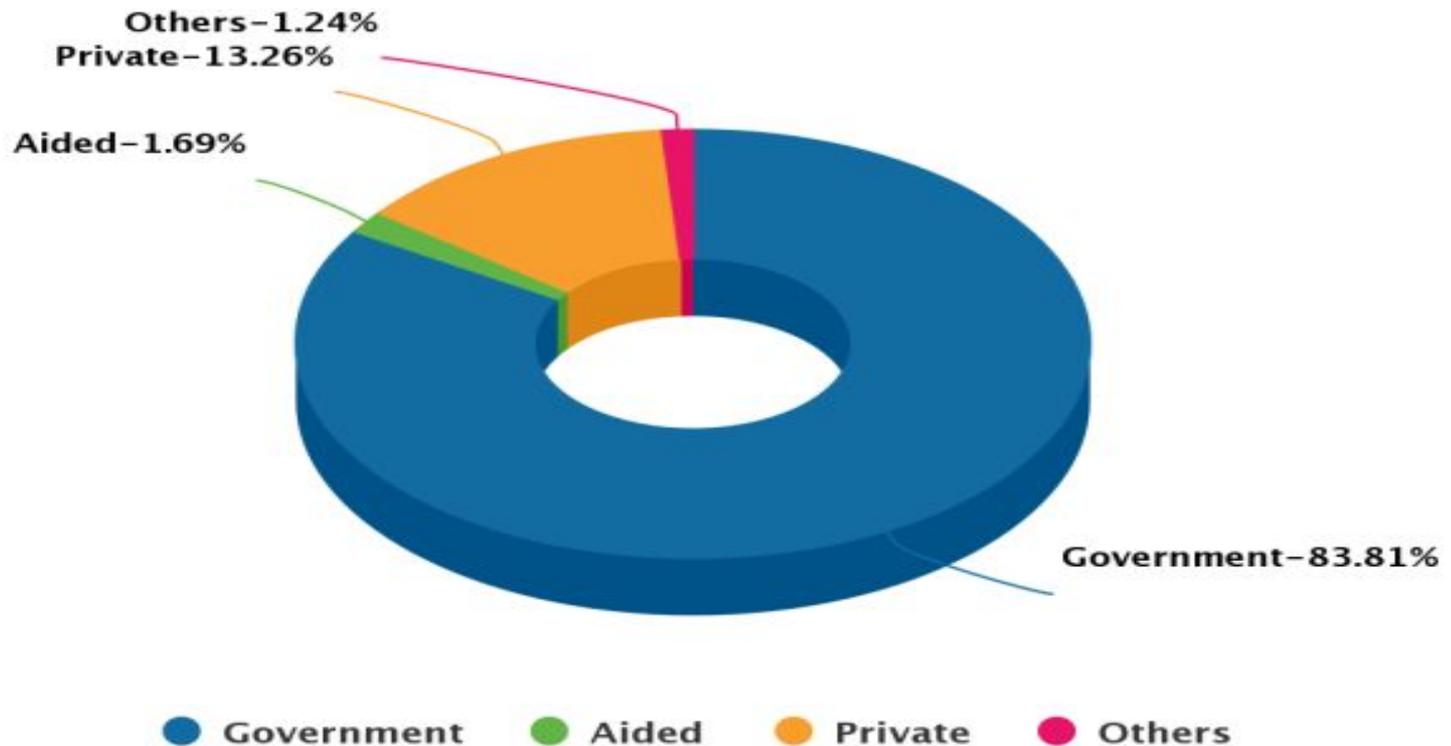
DIGITAL INITIATIVES, ARUNACHAL PRADESH

**Presentation by Mr. Shambhu Singh
and Mr. Mudang Omo of SCERT
Arunachal Pradesh
on 10-01-2022**

Arunachal Pradesh



Schools by Broad Categories of Management (2018–19)(Arunachal Pradesh)(All)



Department of Education School Data of the Session 2019-20 (Govt Schools)

Sr. No.	Name of District	Total No. of Schools	Total Enrolment	Total Teacher
1	ANJAW	84	2773	307
2	CAPITAL COMPLEX ITANAGAR	77	16880	1117
3	CHANGLANG	288	21304	1105
4	DIBANG VALLEY	23	831	138
5	EAST KAMENG	166	8546	687
6	EAST SIANG	129	14051	1319
7	KAMLE	116	4103	374
8	KRA DADI	120	8155	610
9	KURUNG KUMEY	103	4251	569
10	LEPA RADA	46	2234	285
11	LOHIT	83	6884	442
12	LONGDING	87	11173	356
13	LOWER DIBANG VALLEY	78	7462	567
14	LOWER SIANG	71	4118	402
15	LOWER SUBANSIRI	108	5638	825
16	NAMSAI	188	13130	812
17	PAKKE KESSANG	45	1858	169
18	PAPUM PARE	222	10705	1049
19	SHI YOMI	38	1664	152
20	SIANG	93	3918	554
21	TAWANG	105	4048	565
22	TIRAP	119	6692	477
23	UPPER SIANG	103	5196	527
24	UPPER SUBANSIRI	223	15037	810
25	WEST KAMENG	185	7894	748
26	WEST SIANG	120	6610	813
	Grand Total	3020	195155	15779

Interventions during COVID-19 Pandemic

- Awareness among the parents and PRI members through Media and Community Mobilization Programme.
- Constant dialogue between the school, parents, SMC, Community and regular sharing information on attendance and drop out with the cluster, block and district level authorities to ensure children's regular attendance and participation in school activities.

- The State Govt had taken several steps during the lockdown period in the wake of COVID -19 pandemic during academic session 2020-21 & 2021-22 so as to ensure that the children do not lose any opportunity to learn by providing access to technology learning sources.

- It was envisaged to integrate digital learning with class room teaching in the post COVID by introducing well planned interventions so as to address critical elements of the learning ecosystem for the students.

The following initiatives were taken:

(a) Radio School :-

In collaboration with All India Radio, Itanagar, the Dept of Education, Govt of Arunachal Pradesh did broadcast online radio talk for classes 1 to 5 on Arun FM 103.1Mhz & MW 675Khz (Monday to Saturday) at 1.20 pm w.e.f. 02.06.2020 (Tuesday). The first radio talk started with Class-1 then class 2 and so

- Online Classes via Doordarshan
– Arun Prabha Channel

Online live classes were conducted through Doordarshan studios for classes VI- VIII for 40 minutes each six days a week.

DEPARTMENT OF EDUCATION
Govt. of Arunachal Pradesh under Directorate of Elementary
Education initiates online classes programme for Primary &
Upper Primary students



In collaboration with All India Radio, Itanagar

- ✓ A radio talk programme will start for Classes I to V w.e.f. 02/06/2020 (Tuesday)
- ✓ Listen All India Radio, Itanagar on Arun FM 103.1 & MW 675 khz.
- ✓ A first Radio talk programme will be started with Class-I then class-II and so on.

Radio talk Schedule :

- ⊙ At 1:20 p.m (Monday- Saturday).

In collaboration with Doordarshan Kendra, Itanagar

- ✓ TV classes will start for 6th to 8th standard w.e.f 02/06/2020 (Tuesday).
- ✓ Online Classes programme for 6th to 8th standard will be telecasted in between 9:30 a.m to 11:30 am.
- ✓ Tune with Arun Prabha Channel at Tata Sky Channel No. 1995, DD free Dish DTH Channel No.11, DISH TV Channel No. 1514.

Online TV classes Schedule :

- ⊙ Class-VI - 09:30 a.m to 10:10 a.m (Monday- Saturday)
- ⊙ Class-VII - 10:10 a.m to 10:50 a.m (Monday- Saturday)
- ⊙ Class-VIII - 10:50 a.m to 11:30 a.m (Monday- Saturday)

COVID-19 - EFFECT



Radio classes
to minimise
academic loss



Sd/-
Tapi Gao
Director of Elementary Education
Govt. of Arunachal Pradesh, Itanagar.



Arunachal News on air

4 hrs •

Education department will telecast TV based daily classes for class 6 to 8 on DD Arunprabha Channel from this week; Materials for the same is being prepared: Niharika Rai, Secretary Education, Arunachal Pradesh



Niharika Rai
Secretary Education
Arunachal Pradesh

- Online admission and admission with minimal/no documents allowed so as including children of migrant labour etc.

- The teachers had taught such children through virtual mode where there was network connectivity. In no access zone, the teachers helped to their children through their parents and elders, and encouraged them for peer learning.

CLP

- A webinar for implementation of CLP was conducted under the chairmanship of Secretary (Education) cum Director SCERT with DDSEs and Principals, DIETs on 22nd July, 2020.

- Also, as per Alternative Academic Calendar (AAC) developed by NCERT in the session 2020-21, Worksheets were developed by SCERT Arunachal Pradesh and provided to students for class I-XII under the Continuous Learning Programme (CLP).



- Other digital platforms :

Whatsapp groups /Google Class/Google form/ Google meet/Zoom is being used by teachers to remain in touch with their students directly. These platforms are being used in some urban places; but most of places are yet to have IT connectivity.

Teachers' Capacity Building:

- Capacity Building Training of the teachers on online classes (Google class/Google meet/Google form/Zoom meeting etc.) conducted by SCERT and DIETs



- Sensitizations of teachers and stakeholders on NEP 2020 was done through virtual mode (Webinar) by SCERT Itanagar

DIKSHA



Importance of Health and safety of teachers and students

- Online Course for teachers & Head of Schools on DIKSHA “COVID 19: Responsive Behaviors”, has been done by the teachers and Head of Schools. The State Govt. made it mandatory to produce Course Completion Certificate by Teachers and Head of Schools before opening the new academic session i.e. 1st July,2021.

- It has been directed that every teacher, head teacher and other non academic staff must have taken COVID vaccine before opening of the schools. It is to mention that the schools reopened in a phase wise manner by maintaining SoPs issued by the State Govt., Department of Health and Department of Education. In the 1st phase, the schools reopened for classes 9-12 w.e.f. 1st September, 2021 and in 2nd phase all the schools reopened also for classes 1-8 w.e.f. 13th September, 2021 for the students.

- Online Capacity Building Training of State Resource Persons (SRPs) on Health & Wellness in Schools under Ayushman Bharat conducted w.e.f. 25-28 August 2020 by Ministry of Education & NCERT and Ministry of Health & Family Welfare, New Delhi.

School Health and Wellness Programme

Virtual as well as face to face mode



e-Office/Paperless Office



State Award to Teachers

- Online facility to apply through SCERT website:

<https://www.scertarunachal.nic.in>

KNOW YOUR TEACHER

- Official website of Department of Education:

<http://www.education.arunachal.gov.in>

Department, Know your Teacher, Know your School, Register Issue/Grievance, Track Issue/Grievance

Details of Teacher: Name, Father's name, Designation, Gender, Subject, School, Block, District, Date of Joining in the present school etc.

- Monthly Online training as per the schedule conducted by CoE, CBSE Guwahaty on different pedagogical areas of school subjects were taken up by the principals/headmasters/ teachers.

Coordination and actively
participation with National Level
programmes conducted by CIET,
NCERT, NERIE etc.

शिक्षा मंत्रालय

DEPARTMENT OF SCHOOL EDUCATION & LITERACY

स्कूल शिक्षा एवं साक्षरता विभाग

Two Days Conclave on School Education in 21st Century

21वीं सदी में स्कूली शिक्षा पर दो दिन का कॉन्क्लेव

under

NATIONAL EDUCATION POLICY-2020

राष्ट्रीय शिक्षा नीति -2020

10th & 11th September, 2020

Ministry of Education

10-11 सितंबर, 2020



SRGs Training

- 20 faculty members of SCERT, DIETs and School Teachers attended the Virtual Workshop for State Resource Groups (SRGs) of Arunachal Pradesh on Development of e-Content that was conducted by CIET, NCERT, New Delhi w.e.f 21-02-2021 to 02-03-21.

- 10 DIET faculties of Arunachal Pradesh attended a 5-day Virtual Training Programme on “Capacity Building for KRPs of North East Region on NEP 2020” from 04th to 08th October, 2021 conducted by NERIE Shillong.

3rd Language

- 51 participants from SCERT/DIET faculty members/ School teachers and CBOs of 11 Tribes of the state attended a 5-day Virtual Training Programme entitled “Capacity Building for Textbook writers of Linguistic Minorities of Arunachal Pradesh in selection, adaptation and development of resource material in minority language” from 27th September to 01st October, 2021.

Research Study

- A research study is under process to be conducted in 2021-22 by SCERT Arunachal Pradesh on Effectiveness of Offline and Online Programme “NISHTHA”

Mission Shiksha

Stepping Stones to
achieve:

- ❖ Provide best available resources/ teaching to the students
- ❖ Use of present day Technology
- ❖ School Infrastructure up gradation
- ❖ Improving morale of all Stakeholders i.e. Students/ Teachers/ Community

1. Vision, Mission, Objectives & Goals
2. Continuous Performance Evaluation System for Teachers
3. Teachers' Training
4. Early Childhood Care & Education (ECCE)
5. Technology intervention ICT & Digital initiatives
6. Transfer & Posting Policy
7. Infrastructure
8. Administrative Reforms

Technology intervention ICT & Digital initiatives

Activities	Sub activities
E-contents for Primary, Middle & Secondary and Sr. Secondary Schools	Constitution of 3 committees - Primary, Middle/ Secondary & Sr. Secondary level for finalization of e-contents
	Studying the existing e-content in the country
	Finalization of digital content for the State

VSAT based
two-way
communication
classes in all Sr.
Sec. Schools

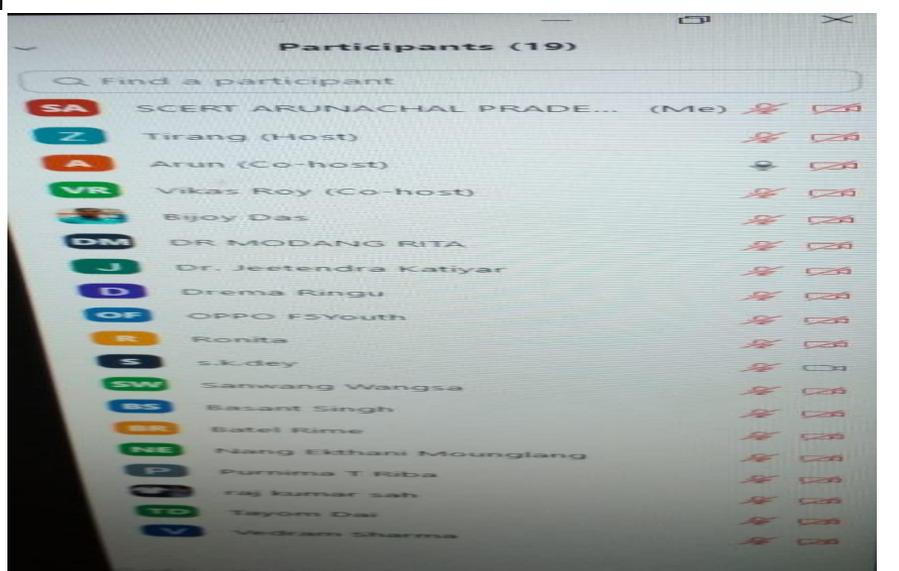
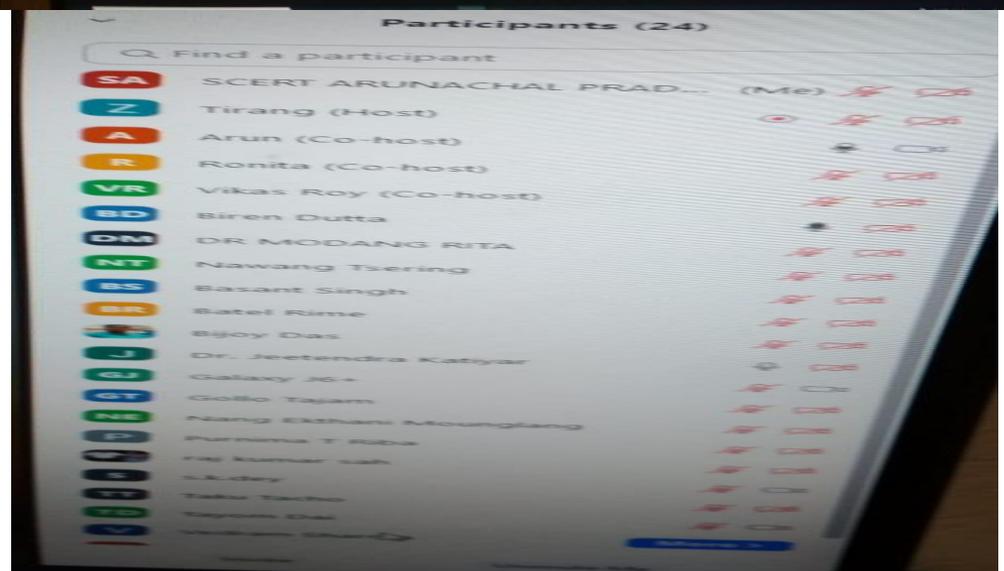
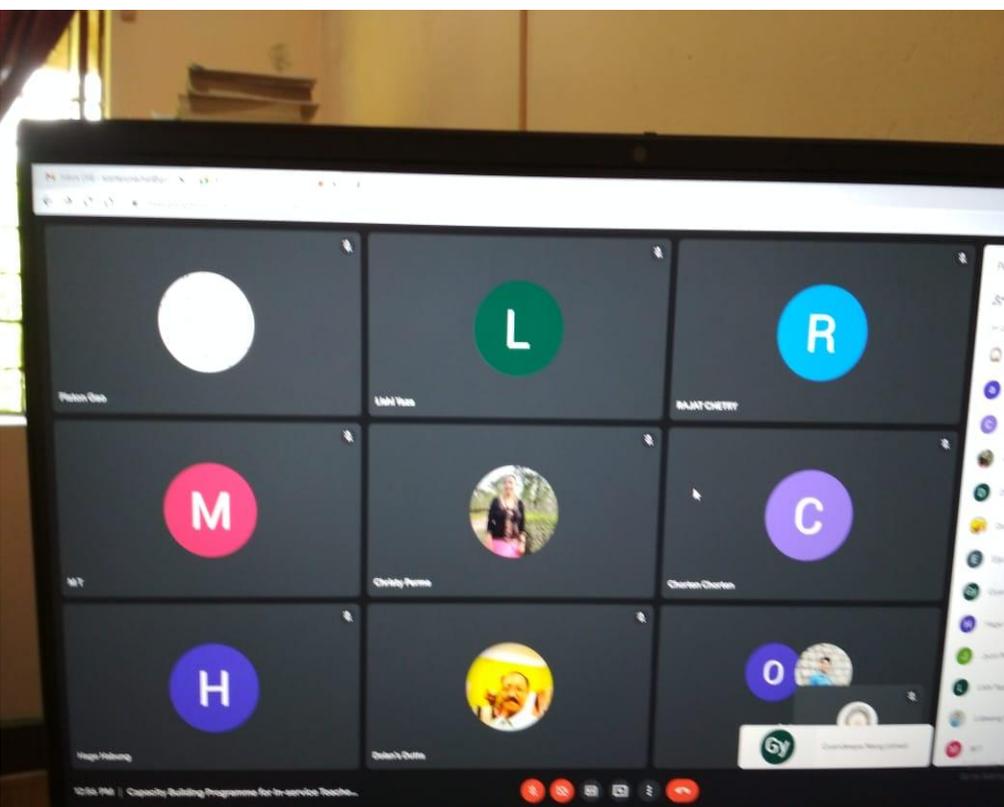
Identification of schools to be connected through
VSAT and establishing VSAT in such schools
Phase I - Secondary & Sr. Secondary Schools - 100%
Phase II - Middle Schools - at least 50% schools in a
district Phase III - Primary Schools - at least 50%
schools in a district

Developing classroom with software and hardware
for setting up VSAT in schools

- 146 SRG members for Primary to Secondary level and 69 SRG members for higher secondary level from SCERT, DIETs and Schools have been deputed. SCERT in collaboration with Azim Premji University, Bengaluru conducted the training programme for State Resource Groups (SRGs) through Virtual Mode w.e.f. July 28, 2021 to October 28, 2021

contd.

- (Primary Level : July 28-July 30, 2021, Aug 02-Aug 05, 2021, Aug 09- Aug 11, 2021 & Aug 16- Aug 19, 2021 ; Upper Primary and Secondary Level: Aug 25-Aug27, 2021, Sept 01-Sept 04, 2021, Sept 06- Sept 09, 2021 & Sept 13- Sept 15, 2021; Higher Secondary Level: Sept 27-Sept 30, 2021, Oct 04 – Oct 06, 2021, Oct 20- Oct 22, 2021 & Oct 25- Oct 28, 2021).



- The SRGs will be functional as Master Trainers to reach at grass root teacher level to ensure “Bottom up approach”. Keeping in mind the NEP 2020, the SRGs training has been planned for training of teachers teaching at Primary Level, Upper Primary & Secondary level and Higher Secondary level.

- **Government of Arunachal Pradesh is planning to work with RILM (Rotary India Literacy Mission).**
- **RILM has also agreed to provide School Educational E-Content totally mapped NCERT curriculum, to be installed in the Smart TV sets in schools across the state.**

The SCERT, Itanagar and RILM have together decided to enter into a Memorandum of Understanding (MoU) with the following scope of collaboration:

- Collaboration for establishing E-learning facility in the Smart TV-sets in all schools

- Collaboration for ensuring modern multi-media teaching tools for teachers (including online/e-learning teachers training)
- Collaboration for conducting impact assessment of E-learning facility for the benefit of state education system

NISHTHA

(1.0, 2.0 & 3.0)

NISHTHA 1.0 (Offline)

Along with the rest of the Nation, our State also started NISHTHA 1.0 programme for the Elementary Level Teachers on offline mode. For the 14333 Elementary teachers, 100 KRPs and 20 SRPLs were selected.

These KRPs & SRPLs were imparted training by the NRG comprising of NCERT faculties & others at SCERT Itanagar.

The Training for these KRPs & SRPLs were held at SCERT, Itanagar w.e.f. 6 – 10th January 2020.

The trainings in the districts started from 17th January 2020 and the training was supposed to be completed by March 2020, however, due to Nation wide lockdown due to the Covid19 Pandemic, the trainings had to be halted.

About 50% of the teachers were covered through this offline mode.



SL No.	District	Class I - VIII (Target)	Achievement	Remaining
		Phy	Phy	Phy
1	Anjaw	321	241	80
2	Capital Complex	952	0	952
3	Changlang	983	213	770
4	Dibang Valley	137	0	137
5	East Kameng	911	481	430
6	East Siang	1166	0	1166
7	Kamle	361	127	234
8	Kra-Daadi	549	266	283
9	Kurung Kumey	505	504	01
10	Lohit	409	350	59
11	Longding	293	0	293
12	L/D Valley	530	343	187
13	lower siang	582	278	304
14	Lower Subansiri	772	465	307
15	Namsai	735	737	-2
16	Papumpare	1027	698	329
17	Siang	495	0	495
18	Tawang	493	452	41
19	Tirap	448	448	0
20	Upper Siang	515	457	58
21	Upper Subansiri	651	0	651
22	West Kameng	672	216	456
23	West Siang	826	701	125
	Total	14333	6977	7356

NISHTHA 1.0 (Online)

Again, along with the rest of the Nation, our State also started NISHTHA 1.0 (Online) programme for the remaining Elementary Level Teachers on 16th October 2020 through the DIKSHA App.

The remaining 50% teachers were covered through this online mode.

NISHTHA 2.0 (Online)

NISHTHA 2.0 (Online) for Secondary Level Teachers of both Govt. & Aided Schools has been started from August 2021.

3595 teachers shall be covered in NISHTHA 2.0.

NISHTHA 3.0 (Online)

NISHTHA 3.0/FLN (Online) for Teachers of Classes 1 – to 5 has been started from November 2021.

6822 teachers shall be covered in NISHTHA 3.0.

Path of NISHTHA

2020-21

Online training for elementary level teachers and school heads (7488)

2019-20

Face-to-face training for elementary level teachers and schools heads (7824)

2021-22

Online training for teachers and school heads at all levels of both Govt. & Aided Schools (3595 (Sec) & 6822 (FLN))

Challenges

- Internet connectivity issues in most of the parts of the State.
- Few districts have completely no internet connection.
- Some of the aged teachers are having difficulties in handling this online training on their mobile or PC as they are not tech savvy.
- Many teachers are still using non android mobile or old version of android mobile which hampers the training.
- Training programmes spread across 3-4 months are not appealing to the teachers.
- Difficulty in getting the list of teachers doing the course from the diksha app.

Good Practices

- Despite various challenges, NISHTHA 1.0 has been successfully completed and NISHTHA 2.0 & 3.0 are under process.
- Some of the teachers in no network area are doing the course by travelling to the nearby network area places.
- WhatsApp & Telegram Groups have been created in the State and districts for disseminating the information regard to launch of course and for sharing of course links.
- Monthly review meetings are held with the districts.
- Physical monitoring of trainings are being done.
- Some of the districts have adopted peer learning process.

THANKS