

EDUCATION DURING COVID-19



METHODS OF TEACHING

Methods of teaching utilised by teachers to impart education in the midst of the pandemic:

1. CR SCHOOL
2. GOOGLE CLASSROOM
3. WHATSAPP
4. NICE INFOTECH E-Scholar
5. OTHERS



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CR SCHOOL

CR SCHOOL , an online learning portal for classes KG – X, a novel initiative by Christopher Rani, CEO, CR projects. CR School offers students free access to all school lessons via online notes, assignments and video tutorials.

SCHOOLS FROM EAST KHASI HILLS REGISTERED FOR CR SCHOOLS:

➤ 17 SCHOOLS

SHULLAI PROGRESSIVE SECONDARY SCHOOL

Shullai Progressive Secondary School – Educating through CR School

It is basically a law of nature to balance things, and we as humans tend to find plausible solutions to almost all of our problems. Similarly, in this current situation that we are facing today, during the lockdown taken as a precaution not to spread coronavirus or Covid-19, the schools are getting a chance to become functional again because of the progressive thinking, hard work and dedication of Christopher Rani and his team members, with an added benefit for the schools by not charging them any fee, which is unheard of, in today's world. He has also obtained the permission of the government to do his handy work.

At the onset, I would like to thank CR School for creating a platform where teachers and students can interact with one another as they did in the classrooms earlier on, but now the same can be done at the comfort of their own homes. Both teachers and students can register in the friendly user website, and if anyone has a problem logging on to it, a toll free number has been given so as to make the registration even simpler. The teachers can upload lessons like videos, pictures and lectures for different classes and the students can view and in turn, ask questions if they have any issues. It is a simple two-way communication which has been there for centuries, but I have noticed that students are more confident in asking questions and interacting via this media. Every initiative taken for the first time has its strengths and flaws too, but so far I have not encountered any glitches. They have also designed an admin panel where the principal can post a video or a speech for the entire population of the school, check the number of teachers and students who have enrolled and more so, have a panoramic view of the lessons of the teachers which has been given to the students.

Overall, I, and the teachers, feel that we are still contributing to the education of the children in spite of the circumstances that surrounds us.

God Bless you all at CR School... Keep up the good work

Dr. (Mrs. D.Shullai)



Welcome to Shullai Progressive Secondary School



GORKHA PATHSHALA HIGHER SECONDARY SCHOOL



Gorkha Pathshala Higher Secondary School



Welcome to Gorkha Pathshala Higher Secondary School



Dear Madam,

It is to inform that the teachers of Gorkha Pathshala Higher Secondary School, Mawprem, Shillong has been taking regular online classes from Nursery to Class-XII through Whatsapp mode and have also registered in CR School online Portal during the pandemic.

Some of the contents are shared/attached herewith for favour of your kind information and necessary action.

Thanking you,

Yours sincerely,

Principal,

GPHSS.

1:49 pm

Q1 Give example of diseases which spread through water and food?
Ans. The examples of diseases which spread through water and food are cholera, dysentery, typhoid.

PDF Chapter 2 Diseases Sp...



1 page • PDF • 21 kB

1:57 pm

Surface Areas and Volumes

PDF CLASS 10 Mathematic...



23 pages • PDF • 7 MB

1:58 pm

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GOOGLE CLASSROOM

SACRED HEART GIRLS HIGHER SECONDARY SCHOOL, MAWLAI

When lockdown was announced in the month of March, the school authorities directed the teachers to start online classes in the month of April. The medium of WhatsApp has been chosen as the school has the contact numbers of all the students. The Google classroom is also used by some teachers.

During this lockdown period, the medium of WhatsApp is used for disseminating lessons to the students. All the class teachers have formed WhatsApp groups for their respective classes. The subject teachers send their lessons (written work, audio-visual, etc) to the class teachers. The teaching aids used by the teachers include YouTube videos, YouTube links and videos recorded by teachers. For the lower classes, Primary section teachers come to school very often and use the smart class. Their demonstration in the smart class is recorded and sent to the students. The teachers of the Higher Secondary section (Commerce Stream) have creatively used audio-visual methods and smart methods for disseminating their lessons.

The students are asked to submit their assignments and project works to the WhatsApp numbers of the subject teachers. The medium of WhatsApp has been found to be effective as most of the parents of the students have access to WhatsApp.

The image displays three educational diagrams related to business studies:

- Business Environment:** A hierarchical diagram showing 'Business Environment' at the top, branching into 'Internal Environment' and 'External Environment'. The internal environment includes 'Structure' and 'Culture'. The external environment includes 'Physical', 'Social', 'Economic', and 'Technological' factors.
- Micro Environment:** A diagram showing a central 'Company' surrounded by six 'Competitors' in a circular arrangement.
- SWOT Analysis:** A 2x2 matrix with 'Strengths' (Internal), 'Weaknesses' (Internal), 'Opportunities' (External), and 'Threats' (External). Each quadrant contains a brief definition of the term.
- Transformation of Ideas into Opportunities:** A flowchart showing 'Idea' (represented by a star) and 'Competencies' leading into a 'PROCESS' box, which then leads to 'Knowledge' and 'Creative Thinking', resulting in an 'Opportunity'.

SMIT HIGHER SECONDARY SCHOOL

Smit Hr Sec School This is for your kind information that our Teachers are using both Google classroom and whatsapp for their instructions. Methods mainly used by them are audio-video, activity based learning and some online lectures with slides. Necessary points are given as notes.

Being Principal, I am part of all the teaching learning process to review the interest of the students.

Those students who can afford smart phones are really doing well and catching up fast.

But being a rural school, majority of the students are deprived of Google classroom as well as whatsapp classes and I am very much concerned for the all round development of students.

9:45 pm

VIRTUAL LEARNING

We as the institution, join hands with our country and the nation as a whole in fighting against this COVID-19 pandemic by following the guidelines and protocols given by the Government. The COVID-19 pandemic is a huge challenge to Education system. It has not only affected health, economy, society but also has significantly disrupted the education sector as well, which is a critical determinant of a Country's future. Taking into account the need of the hour; to bridge the gap between the students and mentors on the other hand, the institute opens another door of learning through the uses of available technology which was started the very day the lockdown was declared throughout the country and still continues till date.

The following, are the methods of teaching practiced during the current situation-

- The mode of e-teaching and e-learning is done through WhatsApp and Google Classroom. In some cases video was shared to all the students where the students could actually see the teacher teaching using board, text books etc.
- Teaching is done using teaching aids and materials where students could visualize the materials and learning becomes easy.
- PDF files of the study materials are being scanned and forwarded to the students via WhatsApp Groups.
- Youtube Video links related to the topics in the book are also forwarded to the students for better clarification.
- Assignments and Evaluation of the student's records are done through Google Classroom App.
- ZOOM App is utilized for Live Classes, where discussion on certain topics and doubts of students are cleared.
- Students are always free to clear their doubts if any, through WhatsApp and Video.
- Oral test are taken using ZOOM online meeting.



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WHATSAPP



Majority of schools in East Khasi Hills District have sought to Chat applications like WhatsApp for educational process. The teachers utilises “chat groups” for their respective classes and subjects to share lessons with the students.

The teachers have expressed the benefits of using whatsapp as a tool for sharing and exchanging learning contents.

However the disadvantage lies for the students in rural areas where there is poor or lack of network. Also students from lower economical background cannot afford to incur expenses for mobile data while some does not own an android phone.

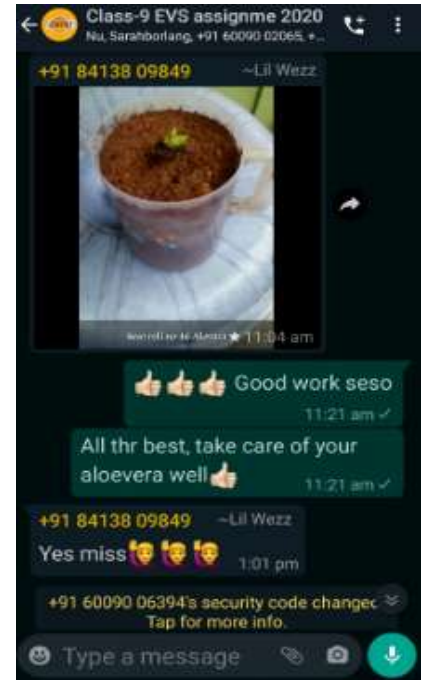
MIZO MODERN HIGHER SECONDARY SCHOOL

~IMPARTING EDUCATION WITH THE USE OF TECHNOLOGY HERE IN MIZO MODERN HIGHER SECONDARY SCHOOL IN THIS COVID 19 TIME

Here at Mizo Modern Higher Secondary School we realize that technology is the only way we can reach majority of our students ,the issue was then, which technology would reach the most students and would it be limited by the level of technology our students have access to or would understand. With the foregoing in mind, we collectively decided to settle on "WhatsApp" a cross platform,instant messaging app that lets us communicate with our students through texts, voice,images and videos of a WiFi or mobile phone network,this app is the most popular and the most widely used app across the region.

What is most important is that it's free to use for our students and teachers alike,this system of communication has allowed each teacher to create a WhatsApp group with a class of students , each teacher also has access to each class group and also sub groups for required subjects. This ensures that all student participants are able to access all information on every one of the subjects they are studying ...

They are given written work and assignments chapter wise in the form of PDFs , audios and videos once a week and their progress is monitored through work submitted to the respective teachers with a period of time given by the teachers.. This has ensured way the students continue their progress whilst at home and also the school continues to adhere 100% to the curriculum...



Class 9 Environment assignment



LABAN ASSAMESE GIRLS HIGHER SECONDARY SCHOOL

LABAN ASSAMESE GIRLS' HIGHER SECONDARY SCHOOL, SHILLONG

Comprehensive Report on the Methods of Teaching during Lockdown

Owing to the present/current situation, the teachers of our institution are delivering lessons at a virtual school in line with each person's personalised curriculum. This powerful medium has definitely diversified the field of teaching. The respective subject teachers of the different classes of our school are trying to meet the needs of the students, keeping in mind the syllabus allotted using various mediums. The notes are circulated on a common platform, i.e. **WhatsApp**. **YouTube** links are also shared with the students as an aid. In addition to these, the teachers also make use of **Power Point Presentations** to make the lesson/subject

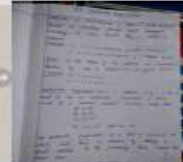
at ease and interest to the pupils. It may also be mentioned that some teachers also manually write down the notes not having a laptop/desktop handy and share them with the students. Subjects as Maths, the steps of the sums are thoroughly explained in written form. Regular home assignments are given to the students to help us aware of their understanding of the subject matter.

The school also organized the **World Environment Day on 5th June, 2020**, whereby the students were encouraged in activities as *planting* and also a *Drawing & Art*

However, with deep regret, we are sorry to state that we have exempted the use of Zoom Classes because of various challenges. Technical problems are one of the stumbling blocks of this form of online classes. Most of our students are economically not sound. Few parents

cannot afford an android phone while for others high data usage on a day to day basis isn't possible. Zoom Classes or any video instruction involves high consumption of internet data, so it doesn't fall feasible for most students of our school. In a nutshell, it may be said that students belonging to the poor household suffer from issues such as, no access to private computer, smartphone or PDA services. Also, many students have gone to their hometowns/ villages where the internet connectivity is very poor. Hence, we are adopting measures and making efforts to reach to our students for their benefit and interest in the most conducive manner.

Samples of Instruction



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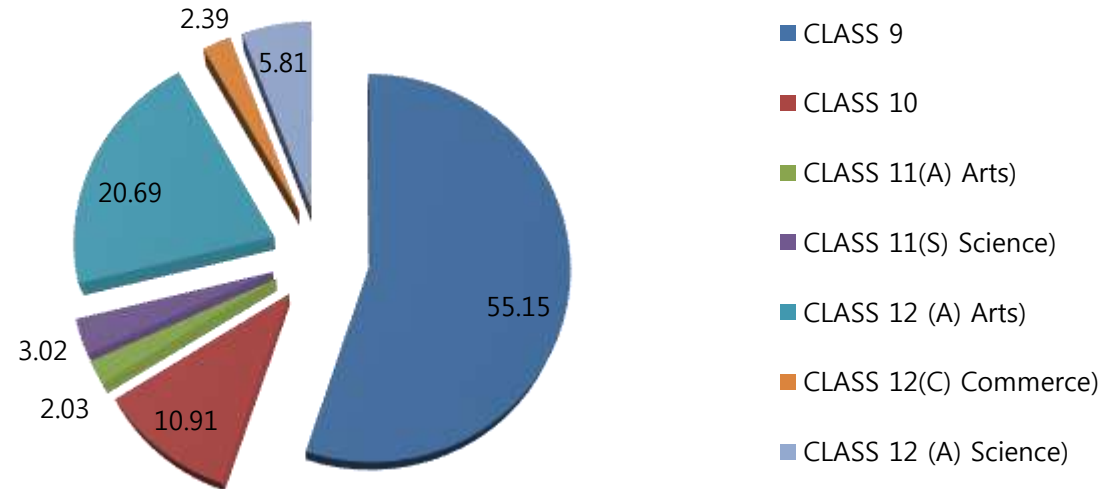
NICE INFOTECH E-Scholar

The e-Scholar Portal is a one stop Digital Content that enables the students in the secondary school to access comprehensive and interactive study and learning multimedia materials. The Portal comprises of Reference Books, Assessment tools , Academic articles ,etc.

As on May 2020, there were around 75 schools from East Khasi Hills District with 2116 students that have registered to the e-scholar portal.

NICE INFOTECH E-PORTAL

Total no of Students enrolled: 2116



FEEDBACK FROM STUDENTS

Name : Rapshanlang Tang
Class:10
School: Kamala Nehru Secondary School

According to me , the advantages of the link are the following :

- 1.Despite the current situations, e-learning brings about continuation in our learning processes.This ensures smooth ,regular and smart learning .
- 2.Being a school student, studying and learning from home is a new experience. This develops my personal habit of home studies.learning to use technology in a better way.
- 3.Although school learning is very fun,but this new experience has made us more independent.
- 4.The videos are very helpful and interesting. It has undoubtedly equipped the best concepts for us to understand . This has surely filled the void of a live teacher,though we miss live schooling.
5. Being able to connect from home and wherever we want increased our learning efficiency .This surely did not stop us from enjoying learning.

These are a few advantages I found after using "nice e-scholar" -

4:45 pm ✓

The emergence of ICT is very useful during this lockdown it help us to learn through online class not in school classroom. Though it is very useful but for us it find difficult because there is network problem and find difficult to find network in our place..

Name: Zevian paul Syiemlieh
Class:12 (commerce)
School:Nongspung Higher Secondary School.

7:17 pm ✓

The app has many great features and specially because I do not have any books yet the app is of a great help.

- Ibapalei Shadap (XII Sc),Lady Keane Girls HS School

It's helpful. The videos are clear and I can understand the chapters And audio is also good and clear.

- Shimtihin pariong (XII Sc),Lady Keane Girls HS School .

But It have many useful information like Question paper of those past years and we can practice or prepare ourselves for test or exam in this website and help us keeping a record of the subject that we have used- Student of class XII, maths.LKGHS.

Excuse me friends...I am one of the students who have used this website: Niceinfotect ...this website doesn't have MII subject..

-Student of Class XII Maths.LKGHS.

I find it helpful. The videos and audio are clear. I cn understand the lessons their teaching.-student of class XII Chemistry.LKGHS.

It's really helpful mam I can understand their explanation -student of class XII Chemistry, LKGHS

4:45 pm ✓

As we are not able to go to school because of the deadly infection of COVID 19. We are provided by the government a site, where we can register our names to get the valuable information and study materials, through that very app. We are being able to get important study materials which is helping me and all my friends to get the notes etc. Through that we can perpetuate our studies by sitting at home. And we can also prepare ourselves for coming exams.I am very much thankful to MBOSE as we are sitting and studying at home safely

Name- Priyanka Das
Class- xii
Roll no. 033
Stream- Arts
School- Women's College Higher Secondary School

4:45 pm ✓

Respected Sir/Madam,

I am firstly thankful to the educational department for conducting online classes and engaging students like us in our Studies during this lockdown and gives an open platform for learning. There are advantages of these online classes as,our Principal and Teachers creating whatsapp group has enhances us with learning and gaining knowledge and not getting lost.But, there are some disadvantages as some of our classmates who went to their hometown are not able to join online classes and having problem to get the information due to network problem.

Thanking you,
Jessica Kharsohnoh
Class- XII (Arts)
St.Gabriel's Higher Secondary School

4:45 pm ✓



FEEDBACK FROM TEACHERS

Dear Madam/Sir,

I'm a subject teacher (Computer Sc.) in Government Boys' Higher Secondary School, Lumdiengjri, Shillong.

I would like to point out that i have registered myself as a student in the NICE e-Scholar portal to see whether the e-textbook for Class-10 is in-line with the MBOSE syllabus which i find that it is in my case (Computer Sc. Subject).

I also find that the interface is quite user friendly.

But i did have issue with the video stop playing in the middle of the explanation due to slow internet data.

One more thing the students did find an issue with registering, to be specific the time taken to recieved the OTP.

Thanking you,

Subject Teacher (Computer Sc.)
Danny T. Myrthong

Govt. Boys' H/s School,
Lumdiengjri, Shillong.
Phone – 9863027046.

I think e-Scholar is a great tool for students especially during this lockdown to keep them busy at home and utilise the time at home.

e-Scholar has calculator, convertor etc which is helpful for students, plus mock test, digital library etc are also available. And as per the syllabus is concerned it covers all the NCERT syllabus.

From mathematics point of view.

Teacher class XII maths, Lady Keane Girls HS School.

4:45 pm ✓



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OTHER MEANS OF REACHING OUT TO STUDENTS



Our school is also greatly concerned about the welfare of our students. At first, there were many obstacles to the smooth running of alternative classes, most parents do not have smart phones, and so online classes are difficult to be implemented fully. Moreover majority of the parents are illiterate, so asking them to come to school to copy notes for their kids is impossible.

After a lot of discussion among all the teachers, we have taken the following steps in transmitting alternative education to our students.

1. Online classes for classes VII to class X as majority of these students are on Whatsapp.
2. Supplying Xerox copy of reading materials for classes Nursery to Class VI as most of the students' parents do not have smart phones. These study materials are prepared by teachers in the form of notes and worksheet and the cost of Xerox are incurred from the teacher's Fund. Parents of each class collect study materials on the day and date set by the school for each class.

These steps taken by the school though some how successful, yet they could not give 100% success because about 3% of students lived in remote areas, out of network coverage, in spite of repeating calling, we cannot contact or intimate them of these alternative classes. Also in our school, as most students are from financially backward families, tuitions for them are unaffordable, parents also being illiterate it will be very hard for them to go forward in learning without the daily help and guidance of their teachers. But in spite of all these difficulties and drawbacks, we will always be committed to strive forward to give the best to our students.

Thanking You

Yours Faithfully

(Mrs. V. Shylla)
Principal

Sein Jaintia Secondary School
Shillong

LAITUMKHAH PRESBYTERIAN HIGHER SECONDARY SCHOOL

The sudden outbreak of COVID-19 has prevented teachers and students from meeting face-to-face. The teachers, therefore, had to explore alternative educational delivery methods and the classroom was then shifted online.

Class teachers from classes Nursery –XII created Whatsapp Group for their students.

Learning material was forwarded to the students in the following manner:-

1. Teachers of the Primary Section delivered teaching material through SMS, Whatsapp and Worksheets in hard copy were prepared for students who cannot avail data connection. Learning materials were You Tube links, self made videos and worksheets.
2. Teachers of the Secondary Section delivered learning material through Whatsapp. Learning materials included self made videos using Kimemaster and Pic Voice app. You Tube links were also sent to the students. Further students of class X also made use of the DIKSHA app.
3. Teachers of the Higher Secondary Section delivered learning materials through Whatsapp and Google Classroom. Similarly self made videos and You Tube links were sent to the students. Some teachers also made use of the Google Meet app for conducting classes via video conferencing.

EDUCATION DURING COVID-19



LEARNING OUTCOME MAPPING

Due to the nationwide lockdown due to Covid-19 pandemic, students have been unable to attend normal classes as schools have been forced to close. As a result, the Education Department, Government of Meghalaya in order to initiate steps to mitigate learning losses on the part of learners. Through the Meghalaya School Improvement Program (MSIP), Professional Learning Communities (PLC) have been established in select schools across the state.

The selected schools initiated certain activities undertaken by the respective PLCs to support the government in rolling out some need-based interventions.

LEARNING OUTCOME MAPPING

The activities are as follows:

1. To review and recommend the Learning Outcomes for Classes 1 to 10 that need to be covered during the academic session 2020 in the different subject areas.
2. To identify key topics from the Learning Outcomes (NCERT) for direct instruction (teacher directed instruction)
3. To identify key topics from the Learning Outcomes (NCERT) to be covered through Enquiry/ Problem/ Project Based Learning (where students learn about a subject through independent/group work, research, information synthesizing, etc.)
4. To identify and share links of free e-learning resources from YouTube, Khan Academy, DIKSHA, etc. for key topics from the Learning Outcomes (NCERT) in the different subject areas.



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LEARNING OUTCOME MAPPING

SCHOOLS SELECTED FOR LEARNING OUTCOME MAPPING

1. AUXILIUM HIGHER SECONDARY SCHOOL
2. SYNOD HIGHER SECONDARY SCHOOL
3. MAWKHAR CHRISTIAN SECONDARY SCHOOL
4. PYNTHORUMKHRAH PRESBYTERIAN SECONDARY SCHOOL
5. LAITUMKHRAH BENGALI SECONDARY SCHOOL

PLC MEETING HELD IN SCHOOLS FOR LEARNING OUTCOME MAPPING



EDUCATION DURING COVID-19



E-CONTENT TEACHER TRAINING



Ten teachers from various schools in East Khasi Hills District attended the “E-Content Teacher Training” held on 19th May 2020.

The schools are:

- ❖ MDC Multipurpose Higher Secondary School
- ❖ Auxilium Higher Secondary School
- ❖ Hubert Memorial Higher Secondary School
- ❖ St. Mary’s Higher Secondary School
- ❖ Government Girls Higher Secondary School
- ❖ Government Boys Higher Secondary School
- ❖ Eriben Presbyterian School



EDUCATION DURING COVID-19



WORKSHOP TO DEVELOP LEARNING PLANS TO ADDRESS LEARNING LOSSES

A two days workshop to develop Learning Plans to Address Learning Losses of School Students in Meghalaya was organized by Directorate of Educational Research and Training, Shillong on 9th & 10th of July 2020. Identified subject teachers from *Synod Higher Secondary School, Mawkhar Christian Higher Secondary School, Laitumkhrah Bengali Secondary School, Government Girls Higher Secondary School, Government Boys Higher Secondary School and Auxilium Girls Higher Secondary School* participated for the workshop.

- **STATE LEVEL MEETING TO ADDRESS LEARNING LOSSES & DEVELOP A CONTINUING LEARNING PLAN (CLP)**

The Directorate of School Education & Literacy in collaboration with the Directorate of Educational Research and Training conducted a State Level Meeting To Address Learning Losses & Develop A Continuing Learning Plan (CLP) For Schools Students In Meghalaya On 21st July 2020.

Synod Higher Secondary School, Mawkhar Christian Higher Secondary School, Government Girls Higher Secondary School, Government Boys Higher Secondary School, St. Mary's Higher Secondary School and Auxilium Girls Higher Secondary School attended the meeting.

EDUCATION DURING COVID-19



MEGHALAYA SCHOOL IMPROVEMENT PROGRAMME



EVALUATION SESSION OF SCHOOL IMPROVEMENT

PLAN:

The 1st evaluation session of SIP was held on 29th January 2020 at Mawkhar Christian Secondary School.

The team consisted of Shri D. Nongrum (Selection Grade Lecturer, DERT), Shri D. Lyngdoh (Principal Consultant-PIU-1), Smti.R.M. Pariat (DSEO cum Chairperson District Resource Group, Shri J.Ranee (Quality & Operations Manager) and the District Resource Group Members, East Khasi Hills District.

24 SIPs were evaluated during this session.

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MEGHALAYA SCHOOL IMPROVEMENT PROGRAMME

DISTRICT RESOURCE GROUP REVIEW MEETING

The 5th District Resource Group Review meeting was held at the chambers of the DSEO, Shillong, East Khasi Hills at 11:30 pm on 6th July 2020.

The meeting was chaired by Smti.R.M.Pariat (DSEO cum Chairperson District Resource Group), all the members of the DRG were present and actively participated in providing their suggestions and insights to the agendas discussed. The DRG members have played a major role in SIP evaluation & counselling schools on the same.



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SHAALA SIDDHI

District Name	No. of Schools Available	Self Evaluation			External Evaluation		
		Completed	In-Progress	Not Started	Evaluated	In-Progress	Not Started
1. EAST KHASI HILLS	2910	190	50	2670	0	0	2910
Total :	2910	190	50	2670	0	0	2910

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STATUS REPORT AS ON JUNE 2020

ACTIVITY DASHBOARD AS ON JUNE 2020									
SI No	District Name	Name of District Manager	No. of schools assigned	School visited with DRG members (A)	School visited individually by DM (B)	Total school visited by District Team (A + B)	Percentage %	No. of DRG meetings conducted	Schools with working PLCs
1	EKHD	Doreen	213	51	18	69	32%	4	92

TARGET DASHBOARD AS ON JUNE 2020															
SI No	District	Name of District Manager	Schools Assigned	Total No. of SIPs submitted	SIP not yet submitted by schools	No. of SIPs evaluated during Evaluation Session (I)	SIPs evaluated during Lockdown Period (II)				Total No. of SIPs evaluated (I + II)	Percentage %	Nos. of SIPs not yet evaluated	Evaluated SIPs submitted to schools	Final draft SIP received from schools
							No. of SIP evaluated during Lockdown period [A + B + C]	No. of SIP evaluated by DM [A]	No. of SIP evaluated by MO [B]	No. of SIP evaluated by DRG [C]					
1	EKH	Doreen	213	197	16	24	67	21	15	31	91	43%	106	47	0

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SIP STATUS UPDATES AS ON JULY 2020

Total MSIP schools	Total SIP submitted by Schools	Total SIP Evaluated	Total Final SIP received
213	199	115	14