

OFFICE OF THE MISSION DIRECTOR

AXOM SARBA SIKSHA ABHIYAN MISSION

KAHILIPARA, GUWAHATI-781 019, ASSAM

No. SSA/TT/SC&Math/170/ 2009/pt /6783

Date: 03.11.2016

From: A. Rajoria, IAS

Mission Director

Sarba Siksha Abhijan, Mission

Kahilipara, Ghy-19

To : The District Mission Coordinator (All district)

Sub: Regarding UP level Science & Mathematics teacher's training for the FY 2016-17.

Sir/Madam,

With a view to update the teachers in the new teaching skills to promote constructivist approach in lesson transaction and to enable the teachers to create a better classroom environment by conducting activities like experimentation, demonstration, model making, self and peer to peer learning in the line of Rashtriya Avishkar Abhiyan to encourage learning beyond the classroom, this year PAB, 2016-17 has approved 6 day Science and Mathematics teacher training with the intregation of CCE for UP level teachers. The training will cater to the training need of the teachers for the greater benefit of the learners.

In this regard, you are requested to conduct the following activities as per the training calendar/schedule:

Sl. No	Activities	Duration	Activity head as per POA 2016-17	Tentative timeline
1	5 day district level non residential Module development workshop	5 days	11.02.c.5	7 th -11 th November, 2016
2	Translation,printing etc of the training module	15 days	11.02.c.2	By 30 th November,2016
2	3 day District level residential RP training	3 days	11.05.c	By 25 th November,2016
3	6 days block level non residential teachers training.	6 days	11.01.c.1	By 30 th December,2016

The detailed guideline of the activities pertaining to the training is enclosed at **Annexure 1**

This is for your information and necessary action.

Yours faithfully,

(A. Rajoria, IAS)

Mission Director

uk Sarba Siksha Abhiyan, Mission

Date: 03.11.2016

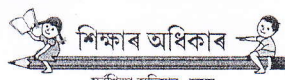
No. SSA/TT/SC&Math/170/ 2009/pt

Copy to:

1. The Commissioner and Secretary, Elementary Education to the Govt. of Assam for kind information.
2. The Director, Elementary Education, Assam for information and necessary action.
3. The Director SCERT, Assam for information and necessary action.
4. The CAO, SSA, Assam for information and necessary action.
5. The DEEO (All district) for information and necessary action.
6. All district i/c for information and necessary follow-up.

Mission Director

Sarba Siksha Abhiyan, Mission



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KAHILIPARA, GUWAHATI-781 019, ASSAM

Guideline Regarding Block Level Training of Upper Primary level on teaching of Science and Maths for Class VI to VIII

Name of the training: 6-day Non-Residential Teachers' Training on teaching of Science and Mathematics for Class VI to VIII along with use of CCE for monitoring Students learning level.

Rationale: In order to assess the learning level of the children the State level Achievement survey was conducted in the year 2015-16 under SCERT, Assam in collaboration with SSA, Assam. The SLAS finding shows that the mean achievement of students at the end of class VIII in mathematics is 38% and in Science is 45% which reflects that there is a need to enhance the learning level of the children through capacity building of the teachers.

Expected outcome of the Training:

- It will update the teachers in the new teaching skills to promote constructivist approach in lesson transaction. Teachers will be motivated for preparation and use of different lesson based teaching learning materials on science & Mathematics.
- The teachers will be able to create a better classroom environment by conducting activities like experimentation, demonstration, model making, self and peer to peer learning.
- Teachers will be motivated to use different resources to make class transaction rich and will be able to encourage children to express their scientific and Mathematical observations.
- The teachers will be able to improve student's engagement thinking out of the box and beyond the text to promote inquiry based learning.
- To bring about the holistic development of the child the teachers will be able to transact the lesson with proper implementation of CCE so that the teaching –learning process is effective and learners are evaluated continuously and comprehensively.
- The teachers will be oriented to use a variety of instructional strategies which will in turn encourage students critical thinking and problem solving skill.

Target groups of the training: Teachers of Class VI to VIII

Target beneficiaries: Children of class-VI & VIII.

Schedule of activities pertaining to the training:

Sl. No	Activities	Duration	Activity head as per POA 2016-17	Tentative timeline
1	5 day district level non residential Module development workshop	5 days	11.02.c.5	7 th -11 th November, 2016
2	Translation, printing etc of the training module	15 days	11.02.c.2	By 30 th November, 2016
2	3 day District level residential RP training	3 days	11.05.c	By 25 th November, 2016
3	6 days block level non residential teachers training.	6 days	11.01.c.1	By 30 th December, 2016

Guiding principle for Development of the training module at the District level

- The 5 day workshop on module development will be organized at the district level in the month of November, 2016 as per POE 2016-17.
- The Districts will revisit the training module developed at the State level through Assam Science Society in the FY 2015-16 and the training module will be developed based on the district specific need of the teachers and on the feed back received from the teachers in the monthly cluster level orientation.
- The area wise competencies in which the performance level of the learner is needed to be focused as per SLAS report 2015-16 is enclosed as Annexure II to be incorporated in the training module.
- The district will develop the module through the district resource group comprising members from DIET, BRP, Subject experts and the resource persons who had attended Science and Maths training conducted through Assam Science Society in the FY 2015-16.

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- The module should be based on NCF-2005, constructivism, child centered pedagogy etc and the focus to be given on the areas as per SLAS report 2015-16.
- Specification for the module: number of pages : 40 or above; Size : A 4.
- The districts will complete the process of development of the training module as per schedule and send the copy of the same to SMO, SSA, Assam along with the details of the Resource persons involved, copy of attendance sheet , photograph etc .
- The expenditure for the above activity may be booked under the activity head 11.02.c.5 as per SSA norms.

Training of Resource Persons at the District level:

- The districts will conduct 3 Day residential training cum sharing for 3 number of Resource persons per block at the district level.
- The RP who had attended state level Science and Maths training in the FY 2015-16 under Assam Science Society will be the participants and Resource persons for block level teachers training.

Guideline for the training at the block level

- The training will be imparted for 6 days in Non-residential mode at block level.
- All teachers who teaches Science and Maths at UP level in (Govt. and Provincialised) Schools will be imparted the training.
- Each teacher must bring a set of Science & Mathematics textbook (class-VI & VIII) during the training.
- Each BEEO/BMC will have to finalise the list of teachers to be trained up and the list must be submitted at the DMC office well in advance of the training programme.
- The district will have to translate the training module in other languages as per requirement and print /photocopy accordingly.
- The block will have to arrange comfortable venue for the training of teachers. In each of the training venues, maximum number of trainee must not be more than 40 in a room.
- The required number/ quantity of materials for each venue, such as – Textbooks , marker pens, flip charts, paper clips, stapler, FC paper etc. to be kept ready ahead of the training.
- Each participant will be provided a copy of module of the training from DMO.
- Each session of the training will be conducted as per the schedule given in the module.
- The session of each day will start at 9.30 A.M. positively with morning assembly and will continue up to minimum 4.30 P.M.
- There will be one in charge for every training venue and DMO will prepare the list of venue in-charge and make necessary communication with them for effective record keeping and monitoring including regular attendance of the teachers. The DPO (TT &P) will act as Nodal Officer for the training programme.
- A Monitoring and supervision team will be constituted with the following members to monitor the effective functioning of the training: DMC/DEEO, BEEO, DRG, BRG members, DIET faculties, DPO incharge of the block.
- The programme must be properly documented. Both video graph and still photograph of different sessions including live-class demonstration, mock demonstration etc are to be maintained. A detailed report of the entire programme is to be submitted at the State Mission Office after completion of the training programme within 15 days of the completion of the training.
- TA/DA will be provided to the trainees as per SSA norms.
- **The training of the target teachers should be completed as per training calendar.**


Mission Director
Sarba Siksha Abhiyan, Assam