

PROCEEDINGS OF THE COMMISSIONER OF SCHOOL EDUCATION:

ANDHRA PRADESH :: HYDERABAD

Present: K. Sandhya Rani, I.Po.S

Rc.No.78/IT Cell/2016

Dated: 05 .10.2016

Sub: School Education - IT-Cell - Digital Class rooms in identified High Schools in the State - Certain Instructions - Issued - Reg.,
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The attention of all the Regional Joint Director of School Education and the District Educational Officers in th hie state is invited to the subject read above and they are aware, several initiatives like setting up of digital classrooms, introduction of Biometric Attendance System, creating Subject Teacher Forum etc., are being implemented in Government managed Schools.

Digital Classroom (DCR) is a teacher-led educational content solution that intensely improves learning outcomes in schools. The program supplements the existing Board curriculum in both English and Telugu medium to make the learning experience in classrooms exciting, meaningful and enjoyable - translating into better learning and results for students, teachers, parents and the school.

In some Government managed Schools across the State, some digital classrooms are set up and being utilised with local initiative of the DEOs/DyEOs/MEOs/Head Master/ Teachers. Audio-video material is being purchased through DVDs and being utilised by interested subject teachers.

Further, under different programs/schemes (Ernet, Reliance Jio, CAL, KGBVs, etc) setting up of Digital/Virtual Classrooms is at different stages. In several schools ICT Labs have been set up, with some if the equipment becoming defunct/ disabled. It is proposed to upgrade them to higher capacity/ configuration so as to enable them to be utilised as Digital Classrooms.

The required audio-video teaching -learning material, including e-content is being provided to all classes and schools. As per the MoU signed with school education department, digital content aligned with AP School Curriculum will be provided by USky.in. this can be accessed from www.akashvidya.in directly or through the Teacher 's Corner at www.cse.sp.gov.in. A lot of Open source material and links to the same are also made available. Appropriate training and capacity building for teachers is scheduled so as to enable them to make best utilisation of the DCRs and the Digital Content and improve pedagogy in respective subjects, leafing to overall learning enhancement.

It is proposed to set up digital classroom in 5000 school during 2016-17 and 2017-18. In all 6132 digital classrooms are to be set up @ one DCR for at least 300 students in the first round. The number of DCRs proposed to be set up and equipment proposed to be provided as per their need is indicated in the table below:

Sno	Details	To be supplied
1	2658 - ICT Phase-I Schools	Computers- 2, UPS - 1, Projector - 1, Printer - 1, Wall mount screen - 1
2	768 - ICT Phase-2 Schools	Projector - 1, Printer - 1, Wall mount screen - 1, External Hard Disk - 1
3	1574 - schools	Computers- 2, UPS - 1, Projector - 1, Printer - 1, Wall mount screen - 1 Internet connectivity
	Total 5000 Schools	

The School Education Department is also collaborating with Andhra Pradesh Special Representative for North America (APSRNA) in implementing the Digital Class Room Project. The ratio of contribution of Government and Donor to the DCR project will be 70:30.

It is tentatively proposed to launch the Digital Class Rooms in 1000 schools on 15th October, 2016 by Hon'ble Chief Minister of Andhra Pradesh. The representative of APSRNA will also participate in the program.

The following are the scheduled dates for ensuring readiness in the 1000 schools in phase I.

- Supply of equipment - 07-10-2016
- Preloading/installation of content by 09/10/2016 or 10/10/2016
- Mana TV orientation on digital classrooms-On 13/10/2016 & 14/10/2016
- Training will be provided from 23/10/2016 @ two teachers per school.

In the above context, the District Educational Officers are requested to take necessary action on the following.

1. Identify a Center Nodal Person in the District for over all coordination.
2. Identify and nominate two nodal contact persons who will exclusively coordinate in setting up of Digital Class Rooms in schools identified in your district and submit the details as per the annexure - I.
3. Ensure site readiness and availability of necessary basic infrastructure to facilitate installation of projectors, wall mounting of screens, electrification and earthing in the list of schools appended.
4. Painting for Digital Class Room should be in White colour and face left shall be taken up immediately.
5. Donor name along and address should be affixed through 2 x 5 size acrylic sheet Board prominently in the Digital Class Room.
6. Proposal is submitted to Government for provisioning computer instructors. And orders are awaited.
7. Identify two nodal teachers at each School point who can actively support/ facilitate utilisation of digital classrooms. Names, phone numbers and email ids of such nodal teachers and their Head Masters should be submitted by 09.10.2016 in the format prescribed in Annexure - II.
8. Training will be provided to all the teachers in use of digital content and optimum operation of the Digital Class Rooms.
9. Confirm availability of internet connectivity and by what mode - Broad Band, Data Card/Dongle, wireless, etc. And the services of which provider are best available for the school.
 - a) The Head Masters/Principals are to be instructed to design time table for using digital content in High Schools for at least 3 hour per week per subject taking the total hours. A Model time table for Digital Class Room is appended for reference.

- b) Motivate the HM/ Principal to proactively manage the Digital Class Room and ensure that all subject teachers utilise the digital content as part of their lesson plans.
- c) With regard to Model Primary Schools, the Mandal Educational Officers are instructed to design time table for using digital content for at least 2 to 3 hour per week per subject which is approximately 20% of school learning time and he/she will be the responsible person for running up of the Digital Class Room
10. Appropriate monitoring tools will be provided to HM/MEO/DyEO/DEO to monitor the usage of digital content in schools.
 11. Digital Content will be provided by the department along with question bank consisting of one lakh questions through online where internet facility is available. With regard to schools where there is no internet facility, the digital content will be preloaded and stored in the Server/system and with an external hard disc will be provided.
 12. Ensure maintenance of stock register and also ensure to have a copy of delivery challans in the file.
 13. Necessary budget for installation shall be borne from the annual grants given under RMSA/SSA.

Therefore, all the District Educational Officers are instructed strictly to take all required action for setting up of the Digital Class Rooms and ensure their optimum utilisation. Please motivate and make the HMs and Teachers aware that the Digital Class Room initiative is aimed at providing additional tools for teachers, and to provide an enjoyable and interesting teaching - learning experience and is not a replacement for teacher.

Acknowledge the said proceedings by identifying suitable nodal persons at district and school level and providing necessary details about them.

Sd/- K Sandhya Rani
COMMISSIONER OF SCHOOL EDUCATION

To

All the District Educational Officers in the State.

Copy to the Regional Joint Directors of School Education in the State for information.

Copy to the State Project Director, SSA, Andhra Pradesh for information.

Copy to Principal Secretary to Government, School Education Department, Secretariat for favour of kind information.

Copy to APSRNA, Lake-view Guest House, A.P., Hyderabad.

Copy to Hon'ble Minister MHRD Peshi for favour of kind information.

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Assistant Director