Learning becomes 'smarter' for school kids

OUR BUREAU

Tirupati: The State Government of Andhra Pradesh, has brought in a revolutionary change in school education by using modern technology by bringing in digital interventions in the process of learning and teaching. Under this, students can get additional information of any concept in their android phone and enrich their knowledge. The textbooks which are called as 'energised textbooks' of classes 6th to 10th standards will have QR codes in each lesson. On experimental basis they have introduced this system in Mathematics, Sciences and Social Studies subject books. This QR code which is a two-dimensional barcode helps the students access the information for which they need a mobile phone with android software.

The students and teachers have to download DIKSHA app, which is the programme of National Council for Educational Research and Training (NCERT), from google play store and install it. By opening the App it asks the users whether they are student or teacher. By selecting the concerned it guides them to next step of choosing the language, class, subject where it shows the QR code. By scanning the QR code available in any particular lesson, the user can get detailed information on that topic in visual format. With that teachers can be better equipped by having more videos, PDF files and interactive content which they can display to students in a classroom as additional teaching aides. This will also be useful for teachers as reference material which they can exhibit to stu-

- Students of class VI to X can download 'Diksha App' to go deep into the concepts
- It helps as the reference material for teachers too which they can display on screens
- A team of experienced faculty is trained to prepare additional content in the App

dents on the screens where digital classrooms are there. Particularly where there are no lab facilities, these videos can be used for explaining the students various science experiments.

Students can be benefited by going deep into the subjects and acquire more knowledge. The advantage is that they can learn the concepts thoroughly as they can view the additional information several times till they become well versed with it. On the positive side, this concept reduces the weight of the text books where only the outline can be presented by incorporating detailed study material in 'Diksha App'. Chittoor District Educational Officer K Panduranga Swamy observed that, upon scanning the QR code users can get animation, voice etc., which were prepared and uploaded by experienced faculty who were trained with the support of software experts. The Commissioner of School Education K Sandhya Rani took initiative to involve more teachers in getting training and brought out books with QR codes for Class VI to X from this academic year.

"Even from home student can get additional information to enrich his learning skills on any concept by using Diksha App which is most beneficial for them. It proves to be supplementary, self-learning and highly useful for any student if at all they are interested. It also empowers the teachers by building their capacities", asserted the DEO. If the QR code printed in the textbooks was not legible, the number on that code can be entered in the App to get that information. Students also feeling delighted in the new trend of learning and said that it is extremely useful for them.