

Students click various locations of earth

□ Take part in a workshop conducted by Space

NT Bureau

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As many as 120 students took around 300 high resolution images of various locations of earth at the Sally Ride EarthKAM workshop conducted by Space Technology and Education Private Limited at KRM Public School at Perambur and Ayanavaram recently.

The students will use the images in class projects in earth science, space science, geography and social studies in the coming days, a release said.

Sally Ride EarthKAM is an international educational programme initiated by NASA and in particular, the Sally Ride Outreach programme. Through the project, participants who are mainly students and teachers can take spectacular photos of the earth.

The EarthKAM camera is opened up to students four times a year, during periods which are known as missions and each mission lasts for about five days. During the missions, the camera which is located on a window of the Destiny Lab of the International Space Station (ISS) is given to students to take images of specific locations of earth.

During the workshop, the participants learn about ISS, the programme and are instructed to select regions of interest. The web interface



Students taking part in the workshop.

is demonstrated to them, further they are guided to check their selected regions against the orbits that the ISS is making and the weather and then submit the locations to EarthKAM. The camera then takes photos of the requested regions and provide it to the students for download. The processed images are also made available on the website for viewing and studying.

KRM Public School principal DPS Balan motivated the students to make use of the opportunity to study the

earth from the unique perspective of space.

Space zonal business manager (South) S Venkata Narayanan highlighted the importance of learning astronomy and its impact in everyday life.

'It's a good opportunity for the students and teachers as well. Students were very curious to select the locations and it made them think innovatively,' said teachers S Poorna and C B Samyuktha, who took part in the workshop.