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EXPERIMENTING WITH SATELLITE TECHNOLOGY



The students of B.S. Abdur Rahman Crescent Institute of Science and Technology designed and developed a satellite 'CRESCENTSAT' and it was launched using a Helium Gas Balloon on the 24th February from Space Port India ground, Siruseri, Chennai. Mr. Umamaheswaran, Scientific Secretary, ISRO was the Chief Guest of the occasion. This feat was achieved in collaboration with Space Kidz India. Dr. S. Kaja Mohideen, Dean School of Electrical Sciences, was the Project Director of CRESCENTSAT satellite. The unique feature of this CRESCENTSAT is that it is a Reusable pico satellite weighing 1 KG and provides Live data (atmospheric parameters) and image transmission from space. The objective of CRESCENTSAT is to create awareness and interest among student community that they can design develop and launch a satellite. It will support the farmers by providing information about crop health. This mission will also carry out the study of living organisms in space. Since the satellite has been tested successfully with the balloon launch, after further enhancement, the Crescent SAT satellite will be launched using the launching vehicle of Space Agency in July 2019.