

## Achievement of Crescent Students . Launching of CRESCENTSAT Satellite

With the great support and encouragement from the Management, our Vice Chancellor Tan Sri Dato Sri Professor Sahol Hamid and our Registrar Dr. A. Azad, the Students of B.S. Abdur Rahman Crescent Institute of Science & Technology designed and developed the satellite "CRESCENTSATö and it was launched using Helium Gas Balloon on 24th February (Sunday) at 9:35AM from Space Port India ground, Siruseri, Chennai. Mr. Umamaheswaran , Scientific Secretary , ISRO was the Chief Guest of the occasion and he launched the CRESCENTSAT satellite. This feat was achieved in collaboration with Space Kidz India. Dr. S. Kaja Mohideen, Dean School of Electrical Sciences, Crescent University is the Project Director of CRESCENTSAT satellite.

It reached the altitude of 33 KM in the space. The data transmission system designed by Crescent students operated extremely well and we obtained live data stream and images from CRESCENTSAT.

Great effort by Crescent students (20 students from ECE ,EEE , EIE , Mechanical , IT and CSE departments) .They have spent more than three months day and night in designing and implementing this Crescent SAT.

**The unique feature of this CRESCENTSAT is**

1. It is a Reusable pico satellite weighing 1 KG
2. Live data (atmospheric parameters )and image transmission from space .

**Objective of the CRESCENTSAT** is to create awareness and interest among student community that they can design develop and launch a satellite.

**Purpose of the CRESCENTSAT** is to support the farmers by providing the information about crop health. This will be a service to the society by our students. This mission will also carry out the study of living organisms in space.

Since the satellite is tested successfully using Balloon launch, after due modifications and further enhancement, the Crescent SAT satellite will be launched using launching vehicle of Space Agency in July 2019.







