


Report of Tethered Balloon/Kytoon and Meteorological balloon launch

1. Name of the Program: Tethered Balloon/Kytoon and Meteorological balloon launch
2. Date: 4th, 5th and 6th Jan 2021
3. Organized by: Department of Physics, B. N. College, Dhubri In collaboration with: North Eastern Space Application Centre, Shillong.

4. A brief writes- up of the Program:

Tethered Balloon and Meteorological balloon were launched from our college hostel playground from 4th Jan 2021 to 6th Jan 2021 in collaboration with North Eastern Space Application Centre, Shillong. The main objectives of this programme were to measure some metrological and some environmental parameter. The basic five metrological parameters are Temperature, Pressure, Humidity, Wind speed and Wind directions. And the environmental parameter measured is the black carbon which are atmospheric particle floating over the atmosphere. To know the vertical measurement this Tethered Balloon and Meteorological balloon were launched. For this purpose, tethered Balloon of 9 cubic volume filled with hydrogen gas was used and the sensors are attached with the Balloon. The students as well as teachers from our college participated in the programme in which our HOD, Dr. Hiten Sharma have given a brief introductory speech and Dr. Arup Borgohain from North Eastern Space Application Centre, Shillong explain the whole process. Mr. Rafiul karim Mollah, Asst. Professor, Dept of Physics co-ordinated the overall programme and the programme was ended with a vote of thanks by Nilom Joyti Dutta. Some photos of the programme are attached herewith.

Few Snapshots of the Program:



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B. N. College, Dhubri.

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Shillong.

Date: 4th, 5th and 6th January, 2021
Venue: B. N. College, Dhubri.

