

## **Department of Physics observes 8<sup>th</sup> International Day of Women and Girls in Science**

International Day of Women and Girls in science is celebrated every year on the 11<sup>th</sup> February since 2015 to provide an opportunity for women and girls to promote full and equal access to and participation in science. As such, an earnest initiative was taken upon by the Department of Physics, Dibrugarh University to encourage girls to build careers in STEM. The theme of the day is mostly based on SDGs in previous years and this year it aims to bridge the gap between the International Community and women in science by linking their knowledge and expertise with a theme: Innovate. Demonstrate. Elevate. Advance. Sustain (IDEAS): Bringing Everyone forward for Sustainable and Equitable Development.

As part of the activities of the Day, online Interactive Sessions with two renowned Women Physicists from NASA and Cambridge University were arranged. Dr. Falguni Patadia, Physical Scientist, Climate Science Branch, Langley Research Center, NASA lighted upon the artificial satellites revolving around the Earth and their application in our day to day life using physical principles with title of her talk “Eyes on Earth: From Theory to Real World Applications”. She has also emphasized on developing own qualities to reach higher heights in STEM Career. Another, Physicist, Dr. Darshana Joshi, Ph. D., University of Cambridge, Founder and CEO of VigyanShaala International focused on “Finding your tribe and building a rewarding career in STEM”. She and her colleagues elaborated the ‘Kalpana’ scheme, under VigyanShaala International, an opportunity for girl students of India to pursue Science as a career.



The online session was followed by an interactive session of the faculties of the host department with a group of girl students of Class VIII and Class IX from Dibrugarh University Model School and Borpathar Girls' High School. The meeting was graced by the esteemed presence of Prof. Jiten Hazarika, Vice-Chancellor of Dibrugarh University. The Director, IQAC, Prof. Kalyan Bhuyan, a professor of Department, along with other faculty members, Research Scholars of the department and the Centre for Atmospheric Studies, and M.Sc. and Integrated M.Sc. students participated in the interaction session. The session has been made public on YouTube for benefit of the other students

interested to build a career in STEM. Apart from this a Poster making competition among UG, PG students and Research Scholars of Dibrugarh University and affiliated colleges was organized with themes – “Women in Science: Their contributions” and “Women participation in SDGs”. The following two groups were selected for 1<sup>st</sup> and 2<sup>nd</sup> Prizes in category I. The groups are awarded with a Prize money of Rs 2000 and Rs 1500 respectively.

First Prize:

- (1) Debashis Boruah (M.Sc 2nd Semester)
  - (2) Swastika Sarmah (M.Sc 2nd Semester)
  - (3) Surajit Boruah (M.Sc 2nd Semester)
- Department of Physics, Dibrugarh University



Second Prize:

Jintu Dutta (B.Sc. 2<sup>nd</sup> Semester)  
Department of Botany, Jengraimukh College, Majuli.

