

Press Release, Integral -28th Feb 2018

Sir C. V. Raman announced to the world his famous discovery "*Raman Effect*" on 28th February, 1928 and was subsequently awarded the Nobel Prize for it in 1930. To commemorate Prof. Raman's achievement, Govt. of India declared 28th February as **National Science Day** and the nation is celebrating this auspicious day since 1987. This year Faculty of Science, Integral University is organizing National Science Day on February 28, 2018. The Focal theme of this year is 'Science and Technology for a sustainable future'.

Prof. Syed Waseem Akhtar, Hon'ble Chancellor, Integral University and Chief Guest Prof. R.C. Sobti, Hon'ble Vice chancellor, Babasaheb Bhimrao Ambedkar University along-with the Prof. S.L. Goswami, Hon'ble Vice chancellor, Banda University of Agriculture and Technology, Banda and Dr. U.S. Gautam Director ICAR - ATARI Kanpur flagged off the Science day at the Central Auditorium Integral .

The scientists present talked about the great physicist C. V. Raman's discovery that when light interacts with a molecule the light can donate a small amount of energy to the molecule. As a result of this, the light changes its color and the molecule vibrates. The change of color can act as a 'fingerprint' for the molecule.

Today Raman spectroscopy, which relies on these 'fingerprints,' is used in laboratories all over the world to identify molecules

and to analyze living cells and tissues to detect diseases such as cancer.

More than 150 students of all the departments of the University actively participated in various competitions of essay writing, quiz, oral and poster presentations. The enthusiasm and interest shown by the students really boosts their confidence to build a carrier in the field of sciences. The National Science day is therefore observed by the Integral University as an annual feature to accelerate the pace of the development in science and its related field.