

CSIR-NEIST celebrated National Science Day, 2015

Celebrating National Science Day 2015, CSIR-North East Institute of Science & Technology, organised a special programme on 25 February at Dr J N Baruah Auditorium. Befitting the occasion, Prof Harsh K Gupta, Member, Atomic Regulatory Board; President, Geological Society of India; President, International Union of Geodesy & Geophysics and Chairman, Research Council, CSIR-NEIST delivered a very illuminating lecture on the topic, "*Living with Earthquakes in the North-East India*", while gracing the event as Chief Guest. Prof Gupta in his lecture covered various aspects about earthquakes and its hazards, earthquake data analysis, seismic moment rate release, magnitude distribution of earthquakes, earthquake forecast, early earthquake warning system etc. wherein he focused particularly on the North East India and the Himalayan region. He said that the first 14 years of 21st century witnessed much more loss of human lives and property than the entire 20th century. Prof Gupta further elaborated on medium term earthquake forecast based on precursory swarms and quiescence periods for predicting probability of earthquakes. He spoke about earthquake early warning system where an early warning of even 20 seconds prior to the occurrence of an earthquake can save millions of lives and property. Prof Gupta also gave some highlights of the activities under NDMA funded project on M 8.7 1897 Shillong Earthquake for creating a repeat scenario of the earthquake in the North East which is being implemented by CSIR-NEIST with the association of NDRF, SDRF and SDMA's of all NE states.

Prof Kankan Bhattacharyya, Department of Physical Chemistry, Indian Association for Cultivation of Science- Kolkata & Member-Research Council, CSIR-NEIST graced the event as Guest of Honour. In his address, Prof Bhattacharyya, very lucidly spoke about the works of Prof C V Raman from his early life and his extraordinary passion for the discovery of Raman Effect, for which he received the Nobel Prize in 1930. Prof Bhattacharyya encouraged all to cultivate such passion, confidence and the spirit of victory to reach one's destiny.

Earlier Dr R C Boruah, Outstanding Scientist, CSIR-NEIST delivered the welcome address and introduced the Chief Guest to the gathering. Dr D Ramaiah, Director, CSIR-NEIST in his Presidential remarks said that National Science Day is celebrated every year in the country not only to celebrate the discovery of Raman Effect but also to popularize the benefits of scientific knowledge. He urged everyone to contribute their best for the growth and development of science of the nation. He also recapitulated the vision of the Prime Minister, 'Make in India' and appealed to all to take on 'Make in CSIR-NEIST' spirit to translate our research into useful products and technologies.

A large number of invited guests, eminent personalities from Jorhat district and CSIR-NEIST fraternity attended the programme. It is also worthwhile to mention that on account of closed holiday on 28 February and also with the Research Council meeting held during the period, the programme was scheduled on 25 February.



Prof Harsh K Gupta, Member, Atomic Regulatory Board; President, Geological Society of India; President, International Union of Geodesy & Geophysics and Chairman, Research Council, CSIR-NEIST delivering the National Science Day lecture as Chief Guest.



Dignitaries on the dais (from left), Dr R C Boruah, Outstanding Scientist, CSIR-NEIST; Prof Harsh K Gupta, Member, Atomic Regulatory Board; President, Geological Society of India; President, International Union of Geodesy & Geophysics and Chairman, Research Council, CSIR-NEIST; Dr D Ramaiah, Director, CSIR-NEIST and Prof Kankan Bhattacharyya, Department of Physical Chemistry, Indian Association for the Cultivation of Science, Kolkata.