

## **National Science Day celebration**

National Science Day was celebrated with great fervour and enthusiasm at ICAR-IISR, Lucknow on February 28, 2023 to commemorate the discovery of the 'Raman Effect' by Sir C.V. Raman, an Indian scientist and physicist. This year's National Science Day is being celebrated under the theme of "Global Science for Global Well-being", in the light of India's G20 presidency. At the outset, Dr. Sangeeta Srivastava, I/c, PME Cell welcomed Dr. R. Viswanathan, Director; Dr. T.K. Srivastava, Principal Scientist (Agronomy) and all the participants. Congratulating the Indian Scientists for making number of scientific contributions for the betterment of mankind, Dr. R. Viswanathan highlighted a number of great Indian inventions in various spheres of science. A talk on "Climate change impact in Indo-Gangetic Plains and adaptation needs" was delivered by Dr. T.K. Srivastava on this occasion. Presenting the scenario of last 100 years, he emphasized upon a number of challenges like increase in global temperature, atmospheric carbon dioxide, mean sea level and thinning of ice during summer and autumn. He highlighted the effect of weather variation and climate change like shifting rainfall pattern and decrease in diurnal variation on various critical growth stages of sugarcane crop. Dr. Srivastava advocated for developing drought, waterlogging and high temperature tolerant or climate resilient varieties, laser land levelling, zero tillage, residue retention, site specific nutrient management, legume integration, cropping system diversification, use of solar pumps, use of crop sensors for monitoring crop health, promoting agro-forestry and use of ICT services for accessing weather advisory. All the scientists, researchers, students and young professionals of the Institute were present during the function. The programme ended with a vote of thanks by Dr. Sangeeta Srivastava.







