



Integral Institute of Agricultural Science & Technology (IIAST) Integral University, Lucknow

Brief Report On "Conservation of Agriculture and Crop Residue Utilization"

An educational, interactive and motivational *one hour session* of 'Guest Lecture' was held on 16th July, 2021 through virtual platform (Google Meet), organized by the Department of Agriculture, Integral Institute of Agricultural Science and Technology (IIAST), Integral University, Lucknow. The event began with a brief introduction by Dr. P. Smriti Rao of the chief guest Dr. Ved Prakash Chaudhary, Principle Scientist, ICAR-IIFSR, Modipuram, Meerut. Our guest of honor Dr. Ved Prakash Chaudhary welcomed by Dr. Saba Siddiqui, Head of Department. Our guest speaker is an eminent Agronomist and has vast experience and knowledge in the area of Crop Management, Precision Agriculture, Soil Conservation and Sustainable Agriculture. He has published many research papers in national and international journals.

He gave the knowledge that India is an agrarian economy. A vast majority of land is used for farming and a wide range of crops are cultivated in its different agro-ecological regions. The Ministry of New and Renewable Energy (MNRE, 2009), Govt. of India has estimated that about 500 Mt of crop residues are generated every year. Crop residues are of great economic values as livestock feed, fuel and industrial raw material, and in conservation agriculture for which it is a pre-requisite. Crop residues, either partly or entirely must be used for conservation agriculture for ensuring the country's food security, making agriculture sustainable and the soil resource base healthy.