

Brief Report Of Guest lecture on

"Integrated Farming System Concepts, Modules and Components"

The Department of Agriculture, Integral Institute of Agricultural Science and Technology (IIAST) organized a 'Guest Lecture' on the topic "Integrated Farming System Concepts, Modules and Components" on 19th November, 2022. Dr. R. K. Nanwal, Ex. Professor, Chaudhary Charan Singh Haryana Agriculture University, Hisar, Haryana was the Guest Speaker. He is an eminent Agronomist and has vast experience and knowledge in the area of Crop Production and Integrated Farming System. The event began with a brief introduction of the guest speaker Dr. R. K. Nanwal, The guest speaker was heartily welcomed by Dr Saba Siddiqui.

Dr. R. K. Nanwal discussed at length about the concept of Integrated Farming System. He conversed about new strategies of sustainable system for crop production, development of farming models and diversification in farming system through inclusion of agronomy, horticulture, animal husbandry, aquaculture, organic farming, dairy, poultry & piggery development and medicinal plant cultivation. This farming system permits wider crop rotations and thus reduces dependence on chemicals, allowing diversification for better risk management. He also emphasized the fact that IFS being an eco-friendly approach helps in turning waste from one enterprise into nutrients for another, thereby maximizing the use of resources from the farm. Introduction of new irrigation modules like flexi-dams, drip irrigation etc. creation of processing units for value addition and improved market was very well explained by the speaker. Increased income by the intervention of processing & standardization of farm produces through value addition is one of the objectives of IFS. This farming system has played a significant role in doubling the farmers income and its application amongst marginal and small farmers has given them aces in their productivity and sustainability. The sustenance of food security with IFS approach is positive and will conserve the resource base through efficient recycling of residues within the system.

101 students as well as the faculty members actively participated in the program. This session was very informative and interactive where students were enlightened about the Integrated Farming System and learned about all the significant aspects of its implementation in recent scenarios. The students got insights about adopting an Integrated Farming System (IFS) that ensured a stable and long-term source of farm income by integrating a number of businesses to make the most of the land's natural resources. The guest lecture aims to pool the ideas of academicians for enriching the students' community. The lecture concluded with a short Question and Answer session followed by Vote of Thanks proposed by Dr. Shipra Yadav, Assistant Professor, Department of Agriculture. This guest lecture was coordinated by Dr. Nadeem Khan and Dr. Abhineet, Assistant Professor, IIAST, Lucknow.

Glimpse of the Program

