



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

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### **A Guest Lecture on “Agriculture Waste Management” On the occasion of World Wildlife Day**

On March 4<sup>th</sup>, 2019, on the occasion of World Wildlife Day, Department of Agriculture invited Dr. Atiqur Rahman, Principal Scientist, ICAR-CSSRI, RRS, Lucknow, for a guest lecture on agricultural waste management. Dr. Rahman is a leading expert in this field from Soil Physics, Soil Fertility and Management. The Guest Lecture commenced with the Welcome Address of Dr. Saba Siddiqui, Department of Agriculture followed by a lecture.

The lecture provided an overview of the major types of Agricultural waste, including crop residues, manure, and processing byproducts. Dr. Rahman talked on how incorrect disposal of these wastes can have negative effects on the ecosystem.

Several innovative waste management strategies were covered, such as:

- Composting of crop residues and manure to produce nutrient-rich fertilizer
- Anaerobic digestion of manure to generate biogas for energy production
- Using crop residues as feedstock for biofuel production
- Vermiculture (using worms) to break down organic wastes

Dr. Rahman emphasized the economic incentives and opportunities available for farmers who adopt sustainable waste management practices. He provided real-world case studies of farms that have reduced disposal costs and even generated revenue streams.

The lecture was extremely insightful and drove home the importance of managing agricultural waste responsibly. Students gained valuable perspectives on the cutting-edge technologies and methods available in this critical area of environmental stewardship.

Overall, it was an excellent guest lecture that deepened our knowledge of agricultural waste management strategies and solutions. We hope to have Dr. Rahman back in the future. Around 50 Undergraduate students of Agriculture attended the lecture, and all the queries put forward by the audience were categorically addressed by the expert. The audience found it very informative and



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quite relevant. The event was concluded with a vote of thanks. The program was actively supported by all the members of the Department.

## Glimpse

