

**Report of Guest Lecture  
On  
Vegetable Technologies for Health, Nutrition and Entrepreneurship**

A guest lecture on the topic “*Vegetable Technologies for Health, Nutrition and Entrepreneurship*” was organized on 23<sup>rd</sup> August, 2025 at the Seminar Hall, Integral Institute of Agricultural Science and Technology (IIAST), Integral University, Lucknow. The lecture was delivered by **Dr. Ramesh Kumar Yadav**, Principal Scientist and Professor, Division of Vegetable Science, ICAR-IARI, New Delhi, a distinguished expert in the field of vegetable science.

The program began with a warm welcome, where Dr. Ambreesh Singh Yadav, Associate Professor, Department of Agriculture, IIAST, presented a bouquet to the esteemed guest. Dr. Yadav initiated the lecture by highlighting the significance of vegetable technologies in addressing the challenges of malnutrition, hidden hunger, and health-related issues. He emphasized how vegetables, being rich in micronutrients, antioxidants and bioactive compounds, play a vital role in promoting human health and preventing lifestyle diseases. Furthermore, he discussed the latest technological interventions in vegetable breeding, production, and post-harvest management that can significantly improve productivity, quality, and nutritional value.

Dr. Yadav also shed light on the entrepreneurial opportunities emerging in the vegetable sector. He encouraged students to explore areas such as protected cultivation, seed production, value addition, supply chain management, and Agri-startups, which can create new avenues for employment and self-reliance. He stressed that innovative approaches in vegetable cultivation not only ensure better nutrition and food security but also support rural development and contribute to the national vision of sustainable agriculture.

The lecture was highly interactive, with students, faculty members, and researchers actively participating in discussions. Dr. Yadav addressed queries related to practical applications, nutritional security, and entrepreneurial opportunities in the vegetable sector. The event witnessed the participation of around 110 students, along with faculty members of the institute. The event concluded with a vote of thanks by Dr. Zeeshan Ahmed Khan, Assistant Professor, Department of Agriculture, IIAST, who

expressed gratitude to Dr. Ramesh Kumar Yadav for his valuable insights and contribution to advancing sustainable vegetable technologies. The event was conducted under the guidance of Prof. Mohd Haris Siddiqui, Dean, Faculty of Agricultural Science and Technology, and Prof. Saba Siddiqui, Head, Department of Agriculture, IIAST. The session was coordinated and moderated by Dr. Zeeshan Ahmed Khan, with the event anchored by Dr. P. Smriti Rao. The lecture provided a significant learning opportunity for all attendees, inspiring innovative approaches to health, nutrition, and agriprenurship through vegetable science.

### Glimpses







