

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

**Brief report on Field-Based Training Program on “Training on
Entrepreneurial Skill Development in Composting ”**

(खाद बनाने में उद्यमशीलता कौशल विकास पर प्रशिक्षण)

The Department of Agriculture, Integral Institute of Agriculture Sciences and Technology (IIAST), organized a field-based training program on 5th October, 2019 titled "Entrepreneurial Skill Development in Composting" in the village of Bhakhamau. Farmers and students were given the opportunity to gain practical, hands-on experience in composting. The training strongly emphasized the crucial role of composting in promoting sustainable agriculture practices. By engaging in this initiative, participants were able to better understand and appreciate the environmental benefits of effective composting techniques.

The field-based training program was structured by Mr. Nadeem Khan, Assistant Professor, to offer participants immersive learning experiences in composting techniques and practices. Conducted in outdoor settings of IIAST vermicompost unit, the program included practical demonstrations, field visits, and hands-on activities. Participants were guided through various stages of composting, from selecting composting materials to managing compost piles and monitoring/ composting processes. Through hands-on activities and field demonstrations, participants delved into the intricate world of composting, gaining practical skills and knowledge about different composting methods and practices. They learned about the importance of composting in recycling organic waste, improving soil health, and enhancing crop productivity. Participants were introduced to techniques such as aerobic composting, vermicomposting, and hot composting, and were provided with guidance on selecting appropriate composting materials, managing compost piles, and troubleshooting common challenges. Mr. Nadeem stated that Farmers adopting the practice can apply for subsidies and financial assistance to set up vermicompost units through government programs. These include the National Mission for Sustainable Agriculture (NMSA), National Food Security Mission (NFSM), Mission for Integrated Development of Horticulture (MIDH), and RKVY - Remunerative Approaches for Agriculture and Allied Sector Rejuvenation (RKVY-RAFTAAR).

The "EcoExplorers: Journeying into the World of Compost" field-based training program represented a significant contribution to promoting sustainable agriculture practices. By providing participants with hands-on experience and practical skills in composting, the program empowers them to become agents of change in their communities, promoting composting as a practical solution for organic waste management, soil fertility enhancement, and environmental sustainability. Support long-term productivity and ecosystem health. The Program was observed under the guidance of Prof. Mohd. Haris Siddiqui, Dean, Faculty of Agricultural Science and

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Technology, Integral University and Dr. Saba Siddiqui, Head, Department of Agriculture, IIAST, Integral University.

Glimpses of the program



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