Three days training programme on

Empowering Agriculture through Artificial Intelligence and Digital Technologies

August (20-22), 2024

Training Mode: Online

Platform: NARES - Blended Learning Platform (BLP)

Brief About the Programme:

This training program is organized to enhance participants' expertise in leveraging AI, Machine Learning, and digital technologies in the agricultural domain. It encompasses foundational Python programming, advanced AI applications in crop protection, improvement, and animal science, as well as the integration of technologies such as GIS, Deep Learning, and AR/VR, to foster innovation and efficiency in agriculture.

Training Objectives

- Learn about digital transformations and AI applications under NAHEP and in agriculture.
- Gain foundational skills in Python programming and key libraries used in AI.
- Study how AI is applied to crop protection, animal, and plant sciences.
- Understand the integration of AI with GIS for accurate yield forecasting in agriculture.
- Get hands-on experience with deep learning models applied to agricultural datasets.
- Explore generative AI like ChatGPT and AR/VR applications in agriculture.

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