



National Institute of Plant Health Management

Department of Agriculture and Farmers Welfare

Ministry of Agriculture & Farmers Welfare,

Government of India, Rajendranagar, Hyderabad-500 030

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Online Training/webinar on Biochar Technology for Soil Health Management 29th October 2025



Patron

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About NIPHM

National Institute of Plant Health Management (NIPHM), an Autonomous Organization under Department of Agriculture and Farmers Welfare, Ministry of Agriculture & Farmers Welfare (Government of India), is committed for advancing sustainable agricultural practices across the country. In this context, student-centric programs, especially in the areas such as 'Sustainable Soil & Plant Health Management' are crucial for developing the new generation of agricultural professionals and environmental stewards. Through students' centric programs, NIPHM thrives to sensitize the importance of ecological sustainability, soil health conservation and integrated pest and nutrient management.



Background

As aware i.e. Biochar is a soil amendment obtained by slow pyrolysis from biomass waste with the primary goal of soil improvement, is highly porous, fine-grained, carbon dominant product rich in paramagnetic centres having both organic and inorganic nature, with large surface area possessing oxygen functional groups and aromatic surfaces. However, to promote the application of biochar as a soil amendment and also as a climate change abatement option, research, development and demonstration on biochar production and application is very vital. It is necessary to develop low-cost biochar units to make the technology affordable to small and marginal farmers.

Salient features of the training

- Biochar Production Technologies Overview
- Biochar and Climate Change Mitigation
- Technologies for Biochar added and fortified fertilizers
- Biochar in Carbon Markets
- Designing a Biochar Production Business



Eligible participants

M.Sc./Ph.D. Students and Research Scholars, Post-Doctoral Students, Technical Officers, Scientists/Assistant Professors or above, from any university/institute/organization working in the area of Life sciences

Guidelines

- There will be no training fees for government officials.
- Interested govt. officials/ private candidates/students must register for the programme at NIPHM training registration portal <http://14.139.92.166/otr/register.aspx> before 27.10.2025.
- Govt officials must upload their nomination letters & official nomination may be communicated to this institute through proper channels.
- Training Fees for private candidates/students: Rs. 590/- (Incl. GST)

Medium of training: English

e-certificates will be issued upon successful completion of the training programme

A/c Name : National Institute of Plant Health Management
Bank : SBI Collect 8076 A/c
Bank A/C No : 40373518076
Branch : Rajendranagar, Hyderabad
IFSC code : SBIN0020074

SCAN & PAY



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