

Certificate course on Soil Health Management



Objectives:

This online certificate course aims at building an overall knowledge about the concepts of how to effectively manage the soil health and there by conserve it and also to make it more productive. It covers all the basic aspects of soil definitions, soil health, nutrition with respect to soil health, soil health assessment and its importance. Finally, it clearly deals with the measures and means to manage soil health including all the integrated approaches.

Justification

Most often soil is treated as a non-living entity. But actually, soil is a treasure house of micro flora and fauna which largely contributes to soil productivity and fertility. Also, the concepts of soil fertility and productivity are different. The

concepts have to be understood correctly in order to properly manage and maintain good soil health. This soil health management is so important because of these reasons and this course could impart you with all of such technical and conceptual knowledge and skills. This will also equip you to get more practical knowledge in managing soil.

Details of the proposed programmes

Duration : 6 months

Total Credits : 17

Location : Centre for E-Learning, Kerala Agricultural University
College of Horticulture, Vellanikkara, Thrissur

Major areas of teaching

Major areas:

No	Module	Hours	Credit
a	Module 1: Soil - Basic Concepts	12	1+0
b	Module 2: Soil Health	36	1+1
c	Module 3: Nutrition and Soil Health	72	2+2
d	Module 4: Soil Health Assessment	36	1+1
e	Module 5: Management of Soil Health	36	1+1
f	Case study & project report	48	0+2
g	Major project work	96	0+4

Selection process : On-line registration and online screening

Eligibility for admission : Candidate should have a minimum qualification of pass in 10th standard, recognized by any of the Govt. Examination Board

Implementing team :

Supervising Head : Director of Extension, KAU.

Institutional Head : Director
Centre for E-learning

Course Director : Institutional Co-ordinator
Centre for E-learning

Course coordinator : Concerned Colleges/ Institutions

Course fee

Rs. 6,500/- per participant (50% concession for regular students in Govt approved institutions)

Contact details :

Director, Centre for E-learning

Phone: 0487-2438566 / 2438567

e-mail: celkau@gmail.com

Mode of delivery

Theory : Blend of online tutorials, class room sessions and non-compulsory contact classes

Practical : Illustrated online labs and non-compulsory hands on practical sessions

Note : All the course materials dispatched and exams conducted are online and in English

Participants should have a valid E-Mail ID

Scheme of Evaluation

The performance of the student will be evaluated through internal assessment. The internal assessment will be through online mid-term examination, Assignments, project works and a written final examination.

Theory paper (Maximum – 100 & Minimum for pass – 40 Marks)

Midterm	Final exam	Total
20 Marks	80 Marks	100 Marks

Practical paper (Maximum – 100 & Minimum for pass – 40 Marks)

Assignment	Project	Total
30 Marks	70 Marks	100 Marks

Score card

< 40 % = Failed

40 – 59 = Second class

60 – 79 = First Class

80 and above = First class with distinction

Absence from Examination

A student who could not attend the online midterm examination will get two more chances to write the exam at monthly intervals. A student has to complete the midterm examination before appearing the final examination. Those who miss/fail in the final examination will get two supplementary chances within the maximum period of one year.