

Summer Placement Course

The course is conducted for Agricultural Engineering students of various agricultural universities. It is conducted once in a year in the month of June. The duration of the course is four weeks. The course covers mainly agrometeorological instruments and their observations. The trainees also get idea about project work and its presentations. So far 283 trainees have been trained.

Topics for Summer Placement Course

(Duration : 4 Weeks)

S.No.	Name of the Topics
1.	Introduction to Agrometeorology
2.	Layout of observatory plot
3.	Criteria for site selection
4.	Thermometer screens (Single and Double)
5.	Celsius to Farenheit, calculation of vapour pressure and humidity
6.	Thermometers - Maximum, Minimum, Dry bulb and Wet bulb thermometer
7.	Grass minimum thermometer
8.	Defects in Minimum thermometer
9.	Sunshine recorder
10.	Rain gauge
11.	Self recording rain gauge
12.	Soil moisture observations
13.	Evaporimeter
14.	Lysimeters (Gravimetric and Volumetric)
15.	Assmann psychrometer

16.	Whirling psychrometer
17.	Thermograph
18.	Hair Hygrograph
19.	Anemometer
20.	Wind Vane
21.	Micro climatic observations
22.	Soil thermometers 5,10,20 cm depth
23.	Pocket Registers, CWS form, Dew gauge form etc
24.	LMT to IST conversions
25.	Distributions of meteorological parameters over India
26.	Crop Weather Study
27.	Desert Locust Meteorology
28.	Occurrence of Crop Pests & Diseases as influenced by Meteorological Parameters
29.	Importance of Agricultural Advisory Services to Farmers
30.	Distribution of Met. Parameters governing crop potentiality
31.	Radiation Measurement with crop canopy
32.	Crop Weather Calendar and its use
33.	Crop phenological stages and their Identification
34.	Application of Remote Sensing in Agricultural Meteorology
35.	Agroclimatic Classification and its application