

Agromet Observers Course

The course is meant for observers from different Agric. Universities, Directorate of Agriculture, State govt., Agril. Research Institutes.

The course duration is of three weeks for which minimum qualification is S.S.C. Usually four batches are conducted in a year.

The course covers detailed information regarding the meteorological instruments, their installation, maintenance, recording of data their tabulation. So far 114 trainees have been trained.

TOPICS FOR AGROMET OBSERVERS COURSE (Duration : 3 Weeks)

S.No.	Name of the Topics
1.	Layout of observatory plot
2.	Criteria for site selection
3.	Thermometer Screens (Single & Double)
4.	Celsius to Farenheit, calculations of vapour pressure & humidity
5.	Thermometers – Maximum, Minimum, Dry bulb & Wet bulb thermometers
6.	Minimum thermometer
7.	Grass minimum thermometer
8.	Defects in minimum thermometer
9.	Sun shine recorder
10.	Rain gauge
11.	Self recording rain gauge
12.	Soil moisture observations
13.	Evaporimeter
14.	Lysimeters (Gravimetric & Volumetric)
15.	Assmann Pycrometer
16.	Whirling Pycrometer

17.	Thermograph
18.	Hair Hygrograph
19.	Anemometer
20.	Micro climatic observations
21.	Soil thermometers 5, 10, 20 cm depth
22.	Pocket Registers, CWS forms etc.
23.	Dew gauge form
24.	Wind vane
25.	LMT to IST conversions
26.	Distributions of meteorological parameters over India