

Foreign Trainees Course

This course is of six months duration and is conducted twice a year from 1st January and 1st July depending upon the availability/nomination of candidates.

The candidates are sponsored under VCP of WMO, UNDP, TCS, ITEC, SCAAP, FAO programme. Required qualification for the course is B.Sc (preferably agriculture).

The course content includes details of agricultural meteorology. So far 94 trainees have been trained from various countries(viz.,Mongolia, Afganistan, Nigeria, Sudan, Uganda etc.)

SYLLABUS FOR FOREIGN TRAINEES COURSE IN AGRICULTURAL METEOROLOGY

S.No.	Subject	No of weeks
1.	Introduction of agricultural Meteorology and orientation	1
2.	Agricultural Instruments	1
3.	Meteorological and crop observations including phenology	2
4.	Agricultural climatology including climatology of sowing rains	2
5.	Micro-meteorology	1
6.	Radiation and energy balance of crops	2
7.	Agro-climatic classification and crop zoning	2
8.	Visit to experimental farm C.Ag.M.O.	1
9.	Crop water requirements	2
10.	Dew, crop weather relationship & modeling	1
11.	Agricultural statistics	2
12.	Drought climatology, drought forecasting and	1

	monitoring	
13.	Climatic water balance and soil moisture balance	1
14.	Remote sensing and its application to agriculture	1
15.	Dry farming, water harvesting and water shed management	1
16.	Agromet advisory service	1
17.	Crop yield forecasting/modeling	1
18.	Pests diseases and desert locust meteorology	1
19.	Field trips	1
20.	Processing of agromet data	1
21.	Vists Weather central, National Data centre etc. Instrument laboratory, Electronic laboratory, Surface lab	1
		Total no. of weeks 26