



Mail-16-10-12

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Department of Agricultural Meteorology,
Centre of Advanced Faculty Training(CAFT) in Agricultural Meteorology,
College of Agriculture, Shivajinagar, Pune-411 005, (M.S.) India.

Dr. D.W.Thawal
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No. ACP/CAFT/TRNG/CropMicro/ 684 /2012 , Date :- 04.10.2012

To,

The ~~Director of Research~~ /Director of
Instructions, Tamil Nadu Agriculture
University(TNAU),
COIMBATORE 641 000,(Tamil Nadu)

Subject : Short term training programme during the year 2012-2013....

Sir,

The Centre of Advanced Faculty Training (CAFT) in Agricultural Meteorology, Department of Agril. Meteorology, College of Agriculture, Pune is organising a short term training programme on "Crop Micrometeorology" w.e.f. 29.11.2012 to 19.12.2012 to impart the advanced training to the Teachers and Scientist of State Agril., Universities and I.C.A.R. Institutes. The object of this training is to improve the quality of teaching and research of U.G. & P.G. level. This training programme is sponsored by the I.C.A.R., New Delhi under the scheme "Centre of Advanced Faculty Training". The details of this training programme is as under

Name of the training programme	Training Period		Duration	Last date for receiving Nomination/Application
	From	To		
"Crop Micrometeorology"	29 th Nov., 2012	19 th Dec., 2012	3 weeks	31 st Oct., 2012

The brochure of this training programme is enclosed herewith for your ready reference and circulation. It is therefore, requested to please nominate Teachers/ Professor/Scientists from your University/Institutes.

Thanking you.

Yours Sincerely,

(D.W.Thawal)

Encl : As above

**Centre of Advanced Faculty Training
(CAFT) in Agricultural Meteorology**

- Faculty:
1. Dr. D.W.Thawal,
Course Director, CAFT in Agril.
Meteorology & Head, Department of
Agril. Meteorology, A.C., Pune-5.
2. Prof. J.S.Ambekar,
Prof. of Aerobiometeorology, A.C.,
Pune 5.
3. Prof. A.A.Shaikh,
Prof. of Applied Agril, Climatology,
A.C., Pune-5.
4. Dr. J.S.Pachpute,
Associate Prof. of Crop Biophysics,
A.C., Pune-5.
5. Prof. R.D.Choudhary,
Associate Prof. of Hydrometeorology
A.C.Pune-5.
6. Prof. (Mrs.) S. V. Bagade,
Asstt. Professor of Agril. Meteorology
A.C., Pune-5.
7. Shri.S.V.Jadhav,
Research Associate, A.C., Pune-5.
8. Miss. M.S.Gaikwad,
Senior Research Fellow, A.C., Pune-5.
Supporting Technical Staff:
1. Dr.S.B.Kharbade,
Prof. of Entomology, A.C.Pune-5.
2. Prof. P.D.Khade,
Professor of Botany, A.C., Pune-5.
3. Dr. T.K. Narute,
Professor of Plant Pathology, A.C., Pune-5.
4. Dr. V.A.Khaira,
Asso. Prof. of Entomology, A.C., Pune-5.
5. Dr. K.B. Jagtap,
Project Manager, Hi-tech Floriculture
Project, A.C., Pune-5.

PROFORMA FOR APPLICATION

- Name & Designation :
- Date of Birth :
- Affiliation (University/Institute):
- Address (Postal) Office & Residence:
- Male/Female :
Telephone No. :
Fax No. :
Mobile No. :
Gram :
- E mail address :
- Educational Qualification-
Degree Inst. Class % of
/Univ. marks/
C.G.P.A.

B.Sc.
M.Sc. (..... Subject)
Ph.D. (..... Subject)
*Training attended at this Department / at
other places, if any (Specialized). Give details.*

- Experience :
a) In the field of Agril Meteorology :
— years : years
b) Total experience : years
8. Publications (Nos.) :
a) Research articles :
b) Popular articles :
c) Others (please specify) :
9. Whether teaching Agril.
Meteorology at UG/PG level : Yes/No
10. Basic Pay Rs. : pm
Signature of the candidate
Name and Designation
11. Recommendation of the Head of the
Dept./Institute/University

MAHATMA PHULE KRISHI
VIDYAPEETH, RAHURI
SHORT TERM TRAINING
ON


“CROP MICROMETEOROLOGY”
From 29.11.2012 to 19.12.2012

SPONSORED BY
INDIAN COUNCIL OF
AGRICULTURAL RESEARCH,
NEW DELHI-110012

ORGANISED BY



COURSE DIRECTOR
CENTRE OF ADVANCED FACULTY
TRAINING (CAFT) IN
AGRICULTURAL METEOROLOGY &
HEAD
DEPARTMENT OF AGRICULTURAL
METEOROLOGY,
COLLEGE OF AGRICULTURE,
PUNE - 411 005
MAHARASHTRA STATE


 Mahatma Phule Krishi Vidyapeeth
 Centre of Advanced Faculty Training
 (CAFT) in Agricultural Meteorology &
 DEPARTMENT OF
 AGRICULTURAL METEOROLOGY
 College of Agriculture, Pune-411 005
 Maharashtra State

The Centre of Advanced Faculty
 Training (CAFT) in Agricultural
 Meteorology at College of Agriculture,
 Pune-5 is organizing a Short Term training
 programme on "Crop Micrometeorology"
 from 29.11.2012 to 19.12.2012.

The training program is sponsored
 by the Indian Council of Agricultural
 Research, New Delhi. It is specially
 organized for teachers/research/extension
 workers in the field of Agricultural
 Meteorology. The objectives of training
 program is to impart knowledge of the
 latest techniques in the field of Crop
 Micrometeorology.

The interested participants are
 informed to send their application as per
 the enclosed proforma. The completed
 application should be sent through proper
 channel so as to reach on or before
 31.10.2012. All correspondence in this
 regard may please be made on following
 address.

Dr. D.W.Thawal,
 Course Director,
 Centre of Advanced Faculty Training
 (CAFT) in Agricultural Meteorology &
 Head, Department of Agricultural
 Meteorology, College of Agriculture,
 Shivajinagar, Pune-411 005 (M.S.)

Gram PRINAGRI
 Phone : (020) - 25535016/25538009
 Tele/Fax No. (020) - 25538009
 Fax No. College of Agriculture, Pune
 (020) - 25537188
 E-mail : amfupune@gmail.com and
 casam.mah@nic.in

COURSE CONTENT

Radiation, air temperature and
 sensible heat flux, atmospheric humidity;
 wind and turbulence transfer. Soil
 moisture, evapotranspiration, methods of
 ET measurement, micrometeorological
 techniques for measuring ET. Properties
 of atmosphere near the earth's surface;
 exchange of mass momentum and energy
 between surface and overlying
 atmosphere. Microclimate near the bare
 ground, unstable and inversion layers,
 variation in microclimate under irrigated
 and rainfed conditions, soil moisture and
 temperature variation with depth.
 Micrometeorology of plant canopies;
 distribution of temperature, humidity,
 vapour pressure, wind and carbon dioxide;
 modification of microclimate due to
 cultural practices, intercropping, radiation
 distribution and utilization by plant
 communities, influence of topography on
 microclimate, microclimate in low plant
 area of meadows and field crops,
 microclimate within forests, glass house
 and plastic house; instruments and
 measuring techniques in micro-
 meteorology. Effects of ambient weather
 conditions on growth, development and
 yield of crops; measurement of albedo over
 natural surfaces & cropped surfaces; net
 radiation measurement at different levels,

PAR distribution in plant canopies and
 interception; energy balance over crops
 LAI and biomass estimation; remote
 sensing in relation to micrometeorology.
 Determination of ET and its computation
 by different methods. Statistical and
 Simulation models; Simple regression
 models for weather, pest and disease
 forecasting in different crops,
 Aerobiometeorology-Pest population
 dynamics and weather parameters.
 Preparation of weather based agro-
 advisories, use of automated weather
 station.

FACULTY :

Experts in respective areas from
 Centre of Advanced Faculty Training
 (CAFT) in Agricultural Meteorology, Pune,
 Mahatma Phule Krishi Vidyapeeth
 (MPKV), India Meteorological Department
 (IMD), Indian Institute of Tropical
 Meteorology (IITM), Central Research
 Institute for Dryland Agriculture (CRIDA),
 International Crops Research Institute for
 Semi-Arid Tropics (ICRISAT), Indian
 Agricultural Research Institute (IARI) and
 various Agricultural Universities in India
 will provide the faculty for the training
 programme.

PARTICIPANTS

Teachers/ Scientists of SAUs, ICAR,
 Govt./ Semi-Govt. Institutes are eligible for
 participation. The total number of
 participants for the training shall be
 limited to 25 only.

1. The participant should be post graduate in Agril. Meteorology/Meteorology/ Agril. Physics/ Physics/ Agronomy/ Soil Science/ Plant Sciences/Animal Sciences/ Agril. Engg/ Agril. Entomology/plant Pathology etc.
2. Should be involved in teaching/research and extension in the field of Agricultural Meteorology/Agricultural Sciences.
3. Should be in the age group of 25-45 years.
4. Age limit is relaxable in deserving cases at the discretion of organizing committee.

Selection of participants will be made on the basis of details provided by the applicants in the enclosed proforma. The last date for receiving application is 31.10.2012.

FINANCIAL SUPPORT :

All outstation participants will be provided free moderate lodging and boarding as per ICAR norms at College Guest House /College Hostel. Participants will be paid travel fare to and fro for journey by rail as per their entitlement for class of travel, restricted, however, to the maximum of AC II/III tier fare only or bus or other means of transport in vogue as the case may be, as per the Govt. of Maharashtra rules. DA from the date of departure to the date of arrival will be paid in lieu of incidental charges. No DA will be given for the actual halt at Pune during training period. No family members will be provided accommodation.

Registration fee : No registration fee