DIRECTORATE OF RESEARCH ANAND AGRICULTURAL UNIVERSITY UNIVERSITY BHAVAN, ANAND-388 110(Gujarat)



Dr. K. B. Kathiria

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Director of Research & Dean PG Studies

e-mail: dr@aau.in

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Date: 17-08-2015

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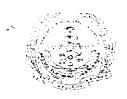
To,

All the Unit / Sub Unit Heads AAU, Anand

Please find attached herewith a letter No. TANU/HDAE/CAFT-2015 dated 3-8- 2015 received from Dr. S. Kuttalam, Professor & Head-cum-Director(CAFT), Department of Agricultural Entomology and Centre of Advanced Faculty Training Centre for Plant Protection Studies, Tamil Nadu Agricultural University, Coimbatore regarding 21 days training programme on "Pesticide Application in agro ecosystem its dynamics and implications" which will be held from 29th September to 19th October, 2015 at TNAU, Coimbatore. This is for your information and further necessary action.

Encl: As above

Director Of Research & Dean Faculty Of P. G. Studies



Dr. S. Kuttalam Professor & Head-cum-Director (CAFT) Department of Agricultural Entomology and Centre of Advanced Faculty Training Centre for Plant Protection Studies Tamil Nadu Agricultural University Coimbatore – 641 003 Tamil Nadu

Phone: 0422 6611214

Fax: 0422 6611437

Email: entomology@tnau.ac.in

No. TNAU/HDAE/CAFT-2015 dt. 03.08.2015

To

The Vice Chancellors of Agricultural Universities
The Director, Indian Agricultural Research Institute
The Director / Head-in-charge of the ICAR institutes
The Heads of Department of Entomology in all State Agricultural Universities
The Directors, Deans, Heads of Department, Research Stations, TNAU

Sub: Centre of Advanced Faculty Training on "Pesticide Application in agro ecosystem – its dynamics and implications" from September 29 – October 19, 2015.

Dear Sir/ Madam,

The Indian Council of Agricultural Research, New Delhi has identified the Department of Agricultural Entomology, TNAU, Coimbatore as a **Centre of Advanced Faculty Training (CAFT)**. The main objective of the CAFT is the Development of Human Resources through state-of-the-art training on the advances of Insect Science. To achieve the mandate, the CAFT designed an useful, informative and interactive advanced training course for 21 days on "Pesticide Application in agro ecosystem—its dynamics and implications" from September 29 — October 19, 2015.

There is no training fee. Boarding and lodging would be provided by the University as per ICAR norms. The Centre would pay to and fro rail fare by AC-III tier or by bus by the shortest route to the candidates on production of actual tickets.

Please nominate teachers / scientists in the rank of Assistant / Associate Professors engaged in teaching/research/extension to participate in the Training Course. The copy of the brochure along with application proforma is enclosed. The same is also available at TNAU website: http://sites.tnau.ac.in/cpps. The application duly filled by the candidate may kindly be forwarded officially by the competent authority through proper channel. The last date for receipt of the application is August 31, 2015.

With kind regards.

DR

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Inward No. 1000

(S. Kuttalam)
Director (CAFT)

Yours sincerely

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PESTICIDE APPLICATION IN AGRO ECO SYSTEM - ITS DYNAMICS AND IMPLICATIONS

APPLICATION FORM

- 4 8 12 -Full name(in block letters)
 - Designation
 - Present employer and address
- phone and mobile number (in block letters) along with e- mail, Address to which reply should be sent
- Date of birth
- 7 6 5 Sex: Male/Female
- last 5 years and number of publications) Experience(Mention post held during Teaching/Research/Professional
- 00 of research/teaching Field of specialization and current area
- 9 and other organizations etc., during the last 3 years under ICAR Summer/Winter School/Short Course, Mention if you have participated in any
- 0 Academic record

- Touron		OG	PG	Ph D
100001110100010	Degree			
	Degree Subject			
	Year of passing	00		
	Class			
	University or Institution			

= Authority who shall issue relieving

(Address & e mail ID)	orders in the event of selection	Contraction of the contraction o
	tion	

Place:

Signature of the applicant

Date:

12. Department Recommendations of the Head of the

Certificate

It is certified that the information furnished above are

correct.

Date:

Sponsoring authority with office seal Signature and Designation of the









For further information:

Professor and Head, Director of CAFT Dr.S.KUTTALAM

Department of Agricultural Entomology Centre for Plant Protection Studies, Tamil Nadu Agricultural University Coimbatore 641 003

JRL: http://sites.tnau.ac.in/cpps Phone: 0422 6611214 / 6611414 Email: entomology@tnau.ac.in



CENTRE OF ADVANCED FACULTY TRAINING



PESTICIDE APPLICATION IN AGRO ECO SYSTEM - ITS DYNAMICS AND IMPLICATIONS

September 29th to October 19th, 2015



Course Director S.KUTTALAM

Professor and Head

Course Coordinators

B. Vinothkumar, Assistant Professor A.Suganthi, Assistant Professor K.Bhuvaneswari, Professor J.S. Kennedy, Professor

Sponsored by

Indian Council of Agricultural Research New Delhi

Organised by

Department of Agricultural Entomology Centre for Plant Protection Studies, Tamil Nadu Agricultural University Coimbatore 641 003

- ITS DYNAMICS AND IMPLICATIONS PESTICIDE APPLICATION IN AGRO ECO SYSTEM

environmental contamination. Organochlorine pesticides preventing crop losses. But the use of insecticides has also environment defined under the Stockholm Convention on POPs twelve chemical substances/groups (dirty dozen) currently toxaphene, hexachlorobenzene (HCB)) constitute nine of the resulted in several serious problems, chief among them is pest management was made much more effective by the advent of many groups of synthetic organic insecticides, insects, weeds, birds, rat and other non insect pests. With human health and at the same time to conserve the food for the growing population, protect plant, animal, and for India and similar developed countries to produce enough (persistent organic pollutants). It would be a tough challenge (aldrin, chlordane, DDT, dieldrin, endrin, heptachlor, mirex, or kill pests which are inimical to mankind like Pesticide is a chemical used to control, repel,

and determination of pesticide residues and their dynamics of agrochemicals in the environment, detection one of the lowest in the world. Despite low consumption of to best recommended practices. Hence the training was Asia next to China and twelfth largest producer globally. resources and ultimately to protect our environment. management for minimizing contamination of our natural implications proposed with the objective of sharing knowledge on the products and underground water because of non adherence vis-a-vis other countries and these have entered into food pesticides, India has more problems of pesticide residues However considering the consumption of pesticide, India is India is the second largest pesticide producer in 9 environment, to improve pesticide

evaluation since 1960s. With the establishment of analytical development of the pesticide toxicology continued through the infrastructure research accomplishments in the various aspects of resistance monitoring and its mechanism were studied. The like pesticide kinetics, pesticide residues, insecticide facilities in 1970s, various aspects of pesticide toxicology has made tremendous progress in the bio-efficacy problems. Pesticide Toxicology laboratory of this department years of its service to farming community in managing pest Tamil Nadu Agricultural University (TNAU), crossed hundred The department of Agricultural Entomology, of laboratory equipped with modern

> improvement and strict quality control. analytical equipments like GC, GC-MS, HPLC, LC-MS and pesticide residues and sustains its status through continual the year 2011 in the field of chemical testing for analysing LC-MS/MS. The laboratory got accredited by NABL during

COURSE OUTLINE

- Pesticide contamination in India: Status and issues
- Safety concerns and misinterpretations about pesticides
- * Environmental impact of pesticides
- * Pesticide regulation in India
- * Pesticide classification and importance
- * Compatibility of insecticides
- * Improved pesticide application technologies
- Metabolism of insecticides
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- * Biological evaluation and field testing of pesticides
- * Pesticide compatibility with bio control agents
- * Environmental fate of pesticides in soil, water and atmosphere
- * Modern approaches in pesticide residue analysis
- * silkworms Impact of insecticides on earthworm, avians and
- Impact of insecticides on biodiversity
- * Pesticide risk assessment
- * Occupational exposure of workers to pesticides
- * Non pesticidal environmental contaminants
- Insecticide resistance management

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- * Green chemistry and green pesticide molecules
- BIS standards on pesticides
- * * GAP and GLP
- * Instrumentation in pesticide residue analysis
- * International standards of pesticide residues in food and drinking water
- * Nano pesticides
- Pesticide residues in export commodities
- * Method validation and uncertainty measurement in residue analysis

ELIGIBILITY

University and shall preferably be below the age of 45 years. entomologist from an ICAR institute or State Agricultural field of research earlier at Tamil Nadu Agricultural University Candidates who have undergone any training related to this need not apply. Participant should be a post graduate

VENUE

Coimbatore 641 003 Tamil Nadu Agricultural University Department of Agricultural Entomology

and DA by the sponsoring institute for travel. a certificate to the effect that they have not been given TA production of actual tickets. The candidates have to provide tier or by bus by the shortest route to the candidates on The centre would pay to and fro rail fare by AC-III

ACCOMMODATION

Boarding and lodging will be provided for the participants in the campus according to the budget provided by the ICAR

LOCATION AND SEASON

Coimbatore is located near the picturesque Western ghats. The Weather during September will be mild and pleasant.

APPLICATION AND SELECTION

address by post. Advance copy can be sent by email. application forms through proper channel to the following the CAFT course. They are also requested to send filled in http://iasri.res.in/cbp/ and create login ID and apply online for Candidates are requested to visit the website of building programme ICAR

Dr.S.KUTTALAM

Professor and Head, Director of CAFT

Department of Agricultural Entomology Centre for Plant Protection Studies Tamil Nadu Agricultural University

Fax: 0422 6611437 Phone: 0422 6611214 / 6611414 URL: http://sites.tnau.ac.in/cpps Email: entomology@tnau.ac.in Coimbatore 641 003

Last date for receipt of application : 31.08.2015

Candidates will be informed of their : through the sponsoring institute is 04.09.2015

selection before