

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



Dr. K. B. Kathiria
Director of Research & Dean PG Studies

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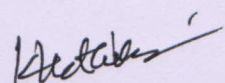
Date: 30-09-2015

To,

All the Unit / Sub Unit Heads
AAU, Anand

Please find attached herewith a brochure received from Dr. K.R. Latha, Professor (Agronomy), Course Co-ordinator, Department of Agronomy, Tamil Nadu Agricultural University, Coimbatore, regarding training programme on **"Farming Systems for the Future : Approaches and Applications"** which will be held from **20-01-2016 to 09-02-2016** at TNAU, Coimbatore. This is for your information and further necessary action.

Encl : As above


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

**TRAINING PROGRAMME
ON
FARMING SYSTEMS FOR THE FUTURE :
APPROACHES AND APPLICATIONS**
(20.01.2016 to 09.02.2016)

APPLICATION FORM

1.	Full name (Block letters)	:	:
2.	Designation	:	:
3.	Present employer & address	:	:
4.	Address for correspondence	:	:
	Telegraphic address	:	:
	Telephone	:	Off : Res : Mobile :
	FAX	:	Off :
	E-Mail I.D.	:	:
5.	Date of birth, age & sex	:	Male / Female
6.	Date of entry into service and total service	:	:
7.	Teaching and research experience	:	:
8.	Training (s) undergone during the last 2 years (with titles and duration)	:	:

8. Academic qualification

Degree	Subject	Year of passing	Distinction obtained	University
B.Sc. (Ag.)/ B.V.Sc./ B.Sc. (Horti.)				
M.Sc. (Ag.)/ M.V.Sc. / M.Sc. (Horti.)				
Ph.D.				

Place:
Date:

Signature of the applicant

Interested scientists are requested to visit the ICAR CBP portal through <http://iasri.res.in/cbp> or <http://icar.org.in> for filling online application. Filled in application approved by the competent authority may be uploaded in the CBP portal.



IFS

Office of the Vice-Chancellor
Anand Agricultural University
ANAND

Address for Correspondence

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Web site: www.tnau.ac.in

TAMIL NADU AGRICULTURAL UNIVERSITY



**TRAINING PROGRAMME
ON**

**FARMING SYSTEMS FOR THE FUTURE:
APPROACHES AND APPLICATIONS**
(20.01.2016 to 09.02.2016)

Organized
By

**CENTRE OF ADVANCED FACULTY
TRAINING IN AGRONOMY**



Dr. N. ASOKA RAJA Director
Professor and Head cum Research A.A.U., Anand.
Director, CAFTA
Dr. K.R. LATHA
Professor (Agronomy) NO. 8 SEP 2015
Course Co-ordinator

DEPARTMENT OF AGRONOMY
Directorate of Crop Management
Tamil Nadu Agricultural University
Coimbatore - 641003

Sponsored by
Indian Council of Agricultural Research
New Delhi - 110 012

FARMING SYSTEMS FOR THE FUTURE: APPROACHES AND APPLICATIONS

(January, 20 – February 09, 2016)

Background

The continuing population pressure in the country will demand substantial increase in food, feed, fodder, fibre, fruit, vegetable, milk and meat production. Agricultural systems have encountered various kinds of ecological and environmental problems due to the growing population on the carrying capacity of land and the productivity. Hence, there is a need to increase the food, feed and fodder requirements to meet the demand of increasing population with the available limited resources.

In the past, agricultural research and development efforts in India were mostly based on individual agricultural commodity, component and discipline, which could not address to the multi various problems of small farmers. Thus, at present, it is widely recognized that agricultural research must move beyond the boundaries of disciplines, commodities, experimental farms and laboratories, and embrace farming system perspective. Farming systems approach is holistic and highly location specific.

Farming system pertains to change in the prevalent traditional cropping system, which can ensure better land use, afford sustained productivity and simultaneously ensure better income realization per unit area and unit time. Farming system therefore, assumes importance for sound management of farm resources to enhance the farm productivity, conserve soils, maintain water quality and lower operating costs through improved farm management and reduced use of fertilizers and pesticides. Economic performance in farming system can be improved by producing more profitable crop and livestock, lowering per unit expenditure on production inputs, increasing output per unit input, reducing income loss through commodity price fluctuations and making efficient use of available land, labour, and other resources.

Farming systems generally create resilience, the capacity to withstand shocks, adapt and evolve. With the uncertainties of market instability and climate change, system resilience is an important objective for local livelihoods. The hallmark of a farming system approach is not the conventional practices it rejects but the innovative practices it includes.

Farming systems are often diversified and such systems tend to be more stable and resilient, reduce

financial risk and provide a hedge against drought, pest infestation or other natural factors limiting production. Farming system is one of the ways towards meeting the challenges of food, environmental and economic security of nature.

Objectives

- To provide training to young scientists and teachers to update their skills in the field of farming systems.
- To provide them an opportunity to discuss and exchange ideas with experts involved in farming system research
- To disseminate the farming system options to the clients in various regions of the nation through trainees for enhancing the food and nutritional security

Course outline

Course contents will broadly cover

- Farming systems-Concepts and strategies
- Resource management in farming systems perspective
- Technologies for specific cropping systems to enhance the productivity
- Integrated farming systems research and development
- Productivity enhancement options in farming systems
- Role of allied enterprises
- Value addition, marketing and socio economic issues

The training course outline will proceed with theme wise delivery of information with practical exposures wherever required by way of showing all the ongoing field experiments on these topics, field observation at farmer's holdings and by making visit to research centers and farms.

Eligibility and application

Institutes: SAU's and ICAR

Educational Qualification: M.Sc. (Ag.), M.V.Sc. and M.Sc. (Horti)

Scientists and Faculties of: Agronomy, Veterinary and Animal Science, Soil Science, Crop Physiology, Agricultural Microbiology and Horticulture with cadre below the rank of Professor and working not below the rank of Assistant Professor and equivalent in the concerned subject under Agricultural / Veterinary University / ICAR Institutes.

Age Limit: Below 45 years

- Application in the prescribed format (enclosed) should be sent through their employer.
- The duly filled in application form must reach the Course Director on or before **21.12.2015**

Duration of Training

The training is organized for 21 days from 20.01.2016 to 09.02.2016 (both days inclusive). The participants are expected to arrive latest by evening of 19.01.2016 and can leave after 5.00 pm on 09.02.2016.

Boarding and lodging

The lodging and boarding arrangements for the trainees will be made by the host institute. Accommodation will be provided to the participants only and not for accompanying persons.

Support facilities

The trainees will have the access to games and sports utility, medical facility and central Library of TNAU for consultation of technical literature.

About the city and travel

Coimbatore is located near the Western Ghats and the climate during January-February is pleasant and the temperature varies from 22°C and 31°C.

The city is well connected by rail and road. Many city buses ply via TNAU Campus (about 6 km away from city Railway station). The participants are advised to make their return journey reservation in advance. Participants will be paid two-way rail fare of III tier AC travel. However, it is limited to the provisions under TA. Production of original ticket is essential for TA claim. In the absence of tickets, sleeper class train / bus fare will be paid for the shortest route.

Dates to note

Last date of receipt of application	:	21.12.2015
Intimation of selection	:	30.12.2015
Training period (21 days)	:	20.01.2016 to 09.02.2016