

## On-Line Application Process

Interested candidates can register and apply online through 'Capacity Building Programme' (CBP) portal. Steps involved are as follows:

1. Visit the website <http://www.iasri.res.in/cbp/> or click on Capacity Building Programme link under <http://www.icar.org.in/>

2. Login using your user ID and Password. To create user ID use "Create New Account" link.

3. After login, click on "Participate in Training" link and fill the Performa.

4. Take a printout and send duly signed copy through proper channel in the prescribed format to The Course Director, Summer School on 'Advanced Analytical Techniques for Decision Making in Agriculture', ICAR-National Institute of Agricultural Economics and Policy Research, DPS marg, Pusa, New Delhi 110012, by post along with registration fee.

The last date for receiving the nomination is 5th June, 2017. The advance scanned copy of the nomination may be sent by e-mail.

## Important dates

Last date for receipt of applications : 05-06.2017

Intimation to selected candidates : 08.06.2017

Confirmation by selected candidates : 18.06.2017

## Address for Correspondence

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Brochure

for

**ICAR Sponsored Summer School**

on

**"Advanced Analytical Techniques for  
Decision Making in Agriculture"**

**July 10-30, 2017**



**ICAR-National Institute of Agricultural  
Economics and Policy Research  
DPS Marg, Pusa, New Delhi-110012**

## About NIAP

ICAR-National Institute (formerly Centre) of Agricultural Economics and Policy Research (NIAP) was established by the Indian Council of Agricultural Research (ICAR) in March 1991 to strengthen agricultural economics and policy research in the national agricultural research system. Application of principles of economics in planning and evaluation of agricultural R&D and policy research to promote science-led agricultural and rural development have been the main goals of ICAR-NIAP. The Institute is committed to provide a leadership role in strengthening agricultural policy research, undertaking empirically sound policy research, and providing knowledge-based input for policy decisions. The Institute also acts as a think tank of ICAR and helps the Council to actively participate in policy making.

## Information about Summer school

Effective policies and programs are based on sound decision making, which requires input in the forms of empirical research findings. Many times in social science more emphasis is given on qualitative aspects neglecting the quantitative and advanced methodologies for supporting the decisions making in agriculture. For good quality of research output, one should employ a systematic approach, based on empirical findings, and accompanied by rigorous statistical and econometric analytical tools. The proposed training program is devised keeping in mind the need of application of advanced analytical tools for the social science research to enhance its accuracy and applicability.

## Objectives

The objective of proposed summer school is to make participant aware about various advanced analytical tools and techniques for decision making in agriculture with comprehensive understanding and hands on experience.

## Course content

Training will cover lectures, hands on practical and field visits. The broad content of the training program is given below.

- Overview of statistical packages for data analysis like SPSS, SAS, STATA etc
- Impact assessment of government programmes, ICT initiatives, New technology, watershed development programmes etc.
- Decision support system in agriculture
- Extraction of cost of cultivation data, NSSO data etc.
- Regression types :Logit and probit models
- Forecasting, ARIMA models
- Total factor productivity in agriculture
- Methodologies for studying diversification, climate change, gender nutrition linkages
- Research prioritization in agriculture
- Commodity market outlook
- Multivariate analysis tools
- Agricultural price policy analysis
- Development of optimal crop plans according to resource endowments

## Eligibility

Individuals in the cadre of Assistant professor, scientist or equivalent and above from ICAR institute/SAUs/CAUs/ Agricultural faculty of AMU, BHU, Viswa Bharati and Nagaland university are eligible for apply to this training program. Maximum of 25 participants will be selected.

## Lodging and Boarding

Free lodging and boarding will be provided to the participants as per the approved ICAR norms. No accommodation in the guest house will be provided to the family members or guests of the participants.

## Travel

Participants will be paid travel fare to and fro through the shortest route from their respective institution to NIAP, New Delhi and back for journey by AC-II class train fare or bus as the case may be. TA to be paid on production of a certificate or tickets by the participant. No air fare will be provided.

## Registration Fees

The participants are required to pay a sum of Rs. 50/- (Rupees Fifty only) as registration fee (Non-refundable) at the time of their registration for joining the Summer school. This may be sent along with the complete application in the form of Demand Draft drawn in favour of DIRECTOR, NIAP, NEW DELHI.

## How to Apply?

The applicants may see the guidelines available at the web site for the summer school at

<http://iasri.res.in/cbp/ToDownload/Guidelines%20to%20participate%20in%20training%20program.pdf>.