

### Eligibility

- ♦ Master's Degree in any discipline of Agricultural/Allied Sciences.
- ♦ Working in a position not below the rank of Scientist/ Assistant Professor.
- ♦ Working knowledge of Windows and Internet.

### Nominations

The application of participants must be filled online using CBP portal at [www.iasri.res.in/cbp](http://www.iasri.res.in/cbp) or ICAR site <http://www.icar.org.in/> (Capacity Building Program link under Quick links). User has to create account on the CBP site and then using the login id enter into system to apply online for the training program. After filling the application, take a printout of the application and get it approved by the competent authority of the organization. Upload the scanned copy of application using CBP portal (recommended) or send by post if you are not able to upload it.

### Registration Fees

The participants are required to pay the sum of ₹ 50/- as registration fees (non-refundable) in favour of Director, IASRI payable at New Delhi.

### Travel and other arrangement

Participants will be paid return fare by shortest route restricted to AC-II train or Bus on submission of tickets. Free boarding and lodging will be provided to participants during the training program as per ICAR's guidelines on winter school. Participants should make their own transport arrangements to reach the IASRI guest house.

### About CBP Site

An application for Capacity Building Program (CBP) has been developed to facilitate the online management of all training programs sponsored by Agricultural Education Division, ICAR. Site is hosted at IASRI server and can be accessed from the [www.iasri.res.in/cbp](http://www.iasri.res.in/cbp) or ICAR site

<http://www.icar.org.in/>

(Capacity Building Program link under Quick links).

Significant Features of CBP site are :

- ✓ Information about all training programs sponsored by Agricultural Education Division, ICAR.
- ✓ Online submission of application for training program.
- ✓ Training proposal submission by Course Director and evaluation of proposal by Agricultural Education Division, ICAR.
- ✓ Online evaluation of training proposal by authorities.
- ✓ Online availability of e-books/lecture notes of training program.
- ✓ Full featured online help.
- ✓ Modular approach in design and development of Vortal.
- ✓ Work flow based application.
- ✓ Report modules for all categories of users.

**Number of participants: 25**

**Last date for receipt of nomination: 28<sup>th</sup> Sept., 2013**

**Information to selected candidates: 7<sup>th</sup> Oct., 2013**

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INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE  
LIBRARY AVENUE, PUSA, NEW DELHI - 110012



## Winter School on DEVELOPMENT OF WEB APPLICATION FOR AGRICULTURAL INFORMATION MANAGEMENT (19<sup>th</sup> November to 09<sup>th</sup> December 2013)

**Course Director : Dr. Alka Arora**

**Course Co-Director : Dr. Sudeep**

**SPONSORING AUTHORITY:**  
**EDUCATION DIVISION,**  
**INDIAN COUNCIL OF AGRICULTURAL RESEARCH**



**DIVISION OF COMPUTER APPLICATIONS**  
**INDIAN AGRICULTURAL STATISTICS RESEARCH INSTITUTE**  
(INDIAN COUNCIL OF AGRICULTURAL RESEARCH)  
LIBRARY AVENUE, PUSA, NEW DELHI - 110 012  
URL: <http://www.iasri.res.in>



## Background

Information Management is collection and management of information from different sources and dissemination of the same to the stake holders. Web Applications/ Web sites in the present era are an effective means of information management and its propagation to the millions of global users. Web Application is an application (computer program) that is accessed by users over the Internet with the help of web browser. Web applications offers numerous advantages such as instant access, easy customization, faster upgrades, management, security and opportunities for collaboration. Web application development requires knowledge of various web technologies (network protocols, markup languages, scripting languages, event driven programming, interactive graphics and database).

Use of web applications continues to grow with the new developments in the area of information technology. These days Content Management System (CMS) are becoming very popular for information management. CMS allows the developer to create and manage website content with relative ease. CMS makes it easy to create a high quality and highly interactive application without having much technical knowledge. CMS allows developer to choose from the set of standard templates and customize as per application needs. Many open source and proprietary CMS are available which can be selected as per application requirements.

## Objectives

- ♦ To make the participants understand different web technologies.
- ♦ To train participants on web application development using CMS (Drupal, WordPress).
- ♦ To provide a common platform for personnel working in the area of web application development for interaction.

## Course Content

The course has been structured in a series of classroom lectures followed by hands on sessions.

Course includes:

- ♦ Network Protocols, Web server concepts
- ♦ Markup languages, CSS, Scripting languages
- ♦ Database concepts, MySQL database
- ♦ Content Management System (Drupal, WordPress)

## Venue

Division of Computer Applications,  
Indian Agricultural Statistics Research Institute (IASRI),  
Library Avenue, Pusa, New Delhi 110 012

## Duration

19<sup>th</sup> November to 9<sup>th</sup> December, 2013

## About IASRI, New Delhi (<http://www.iasri.res.in>)

The IASRI is mainly responsible for promoting and conducting research and imparting education/ training in the field of Agricultural Statistics and Computer Applications and Bioinformatics. With the passage of time the Institute has equipped itself with the following

modern facilities to meet the requirements in the changed scenario:

- ♦ *Computing Facilities* : Institute has several Computer Laboratories well equipped with modern teaching aids and systems with latest hardware and software packages.
- ♦ *Library*: The e-library has rich collection of latest books and journals relating to Computer Science, Statistics, Bioinformatics and other related disciplines including on-line journals and bibliographic databases.
- ♦ *Guest House*: The Institute has a guest house with modest facilities to cater to the needs of the participants.

## About New Delhi

New Delhi, India's capital and a major gateway to the country, is a bustling metropolis, which successfully combines in its fold the ancient and the modern. Standing along the West End of Gangetic Plain, Delhi unwinds a picture rich with culture, architecture and human diversity, deep in history, monuments, museums, galleries, gardens and exotic shows. Exploring the city would be a fascinating and rewarding experience. It is well connected by air, rail and bus to the rest of the country. The climate in Delhi is pleasant during the month of November and early December, however participants are advised to carry some woollens clothes as temperature might be low during early morning and late evening.



### Administration Module

This module has the features for controlling the overall functionality of the Vortal.

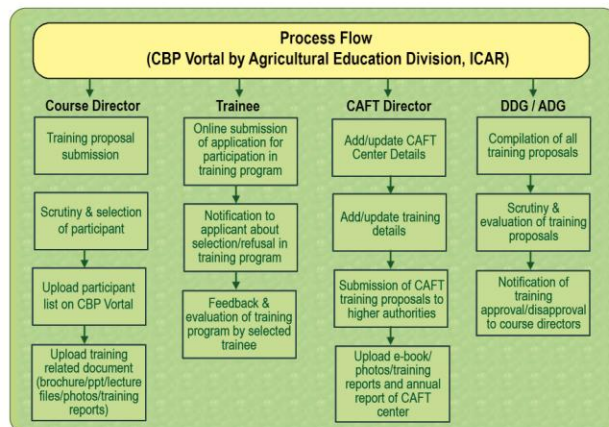
- Creation of different type of users account.
- Upload announcements of training program.
- Access to Vortal modules at all levels for data management and reports.

### Home Page

Home page of Vortal provides information to user's interested in training programs organized by Agricultural Education Division, ICAR.

Following significant information is available:

- Information on training programs (CAFT, Short Course/Summer - Winter Schools) organized by Education Division.
- Training calendar.
- Information about selected candidates of training program.
- E-books/lecture notes of different training programs.
- Information on perform/reports/circulars/notification of Education Division.
- Photo Gallery of training program.
- Information about CAFT centers.



**Contact Details**  
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FUNDED BY EDUCATION DIVISION, ICAR



## CAPACITY BUILDING PROGRAM by Agricultural Education Division, ICAR



Home | CAFT Centers | Download Performa | Approved Programs | E Books | Selected Candidates | Help | Contact Us | How to Apply

**Education Division**

Promotion of innovation in application of information communication technology in agriculture and dissemination of knowledge plays a critical role in knowledge-based growth of agriculture. Therefore, it is imperative to update the professional skills of teachers, researchers and extension specialists in the latest knowledge and techniques in the field of their specialization to bring about the desired qualitative improvement and necessary orientation to contemporary problems to make research and education more relevant. The ICAR policy of capacity building stipulates that the training of researchers and teachers of National Agricultural Research System (NARS) shall continue to take cognizance of changes and shall be regularly exposed to innovations in their profession. The basic objective in the competency framework is that professionals of NARS not only have the required competencies for the job but are also able to promote development and delivery of need based research and educational programmes that would enhance the livelihood security and build up an easy, accessible and cost effective knowledge intensive information system. Career progression of scientists/teachers is also linked with periodic exposure to capacity building programmes. The capacity building in deficient areas of contemporary relevance and anticipated future is addressed by ICAR by sponsoring Summer-Winter Schools (SWS) (21 d duration and short courses (10 d duration) and also through its scheme on Centre for Advanced Faculty Training (CAFT). The programmes under CAFT have been supporting the faculty and scientists of NARS in the cutting edge areas of agriculture and allied sciences to meet capacity building demands in terms of teaching, research, training and extension. There are 31 such centres established all over the country to build the teaching, research, training and extension competencies of professionals of NARS. During the XI plan period, ICAR sponsored 388 SWS and CAFTs benefiting about 11,000 scientists/ faculty members of NARS.

**Team (Education Division):**  
Dr. Arvind Kumar, Deputy Director General (Education)  
Dr. Kusumakar Sharma, Assistant Director General (HRD)

**Team (IASRI):**  
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CAPACITY BUILDING PROGRAM (CBP)

### Introduction/Background

Promotion of innovation in application of information communication technology in agriculture and dissemination of knowledge plays a critical role in knowledge-based growth of agriculture. Therefore, it is imperative to update the professional skills of teachers, researchers and extension specialists in the latest knowledge and techniques in the field of their specialization to bring about the desired qualitative improvement and necessary orientation to contemporary problems to make research and education more relevant. The ICAR policy of capacity building stipulates that the training of researchers and teachers of National Agricultural Research System (NARS) shall continue to take cognisance of changes and shall be regularly exposed to innovations in their profession. The basic objective in the competency framework is that professionals of NARS not only have the required competencies for the job but are also able to promote development and delivery of need based research and educational programmes that would enhance the livelihood security and build up an easy, accessible and cost effective knowledge intensive information system. Career progression of scientists/teachers is also linked with periodic exposure to capacity building programmes. ICAR addresses capacity building in deficient areas of contemporary relevance and anticipated future by sponsoring Centre for Advanced Faculty Training (CAFT), Summer-Winter Schools (SWS) and short courses (21/10 days duration). These programmes have been supporting the faculty and scientists of NARS in the cutting edge areas of agriculture and allied sciences to meet capacity-building demands in terms of teaching, research, training and extension. During the XI plan period, ICAR sponsored 585 SWS and CAFT programs benefitting about 12,000 scientists/ faculty members of NARS.

A Portal for Capacity Building Program (CBP) has been developed to facilitate the online management of all training programs sponsored by Agricultural Education Division, ICAR. The Portal has been designed and developed by Division of Computer Applications, IASRI with support from Agricultural Education Division of ICAR. System is hosted at IASRI server and can be accessed from the URL <http://iasri.res.in/cbp> or under the link Capacity Building Program at <http://icar.org.in>.

### CBP Significant Features

- Information about all training programs sponsored by Agricultural Education Division, ICAR.
- Online submission of application in training program.
- Work flow for training proposal submission by Course Director and evaluation of proposal by Agricultural Education Division, ICAR.
- Online availability of e-books/lecture notes of training programs.
- Full featured online help.
- Modular approach in design and development of Portal.
- Powerful administrative module.
- Report modules for all categories of users.

### CBP Modules

CBP Portal has been designed and developed with the following modules for different users:

- Course Director Module
- Trainee Module
- CAFT Director Module
- ADG Module
- DDG Module
- Administration Module
- Home Page

### Course Director Module

This module facilitates Course Director to perform all the activities related to training program starting from Proposal submission to Report submission. Course director module has the following features:

- Submission and evaluation of training proposal.
- Upload files, time table & lecture files.
- Approval/mailling list/disapproval of participants.
- Coordination with participant by mails through Portal.
- Participant's acknowledgement online.
- Online evaluation of training program by participant.
- Feedback about training to Education Division/ Administrator.
- Reports on participants applying for training, selected participants and evaluation of training by participants.

### Trainee Module

Applicant can apply in any training program sponsored by Agricultural Education Division, ICAR after creating login account on the CBP Portal. Trainee module has the following features:

- Fill online form consisting of personal, qualification, research, experience and other details. Advance application form will be generated from system based on filled in value.
- Fully approved form to be uploaded on the system.

### CAFT Director Module

This module facilitates CAFT Director's to perform the activities related to CAFT Center.

- Add/update information of CAFT Center.
- Approval/disapproval of training proposals submitted by personnel under CAFT center.
- Submission of training proposal to higher authorities.
- Upload e-books/ photos/ training reports and annual report.

### ADG Module

Managers at the Education division will have the privilege to view information at different levels which range from single training to compiled reports of all the trainings and participants. ADG module has the following features:

- Online evaluation and approval/disapproval of the training proposals.
- Online communication with Course Directors and CAFT Directors through Portal.
- Data management module for uploading circulars, photos and updating CAFT center details.
- Reports on different training program (CAFT, Summer/Winter Schools, Short Courses).
- Report on participants of the training program.
- Access to e-books/lecture notes of training programs.
- Generation of training related documents.

### DDG Module

Managers at this level will have the following features for evaluation of training program and access to reports:

- Online evaluation of the training proposals.
- Reports on different training programs (CAFT, Summer - Winter Schools, Short Courses).
- Access to e-books/lecture notes of different training program.