ICAR Sponsored Short Course Training
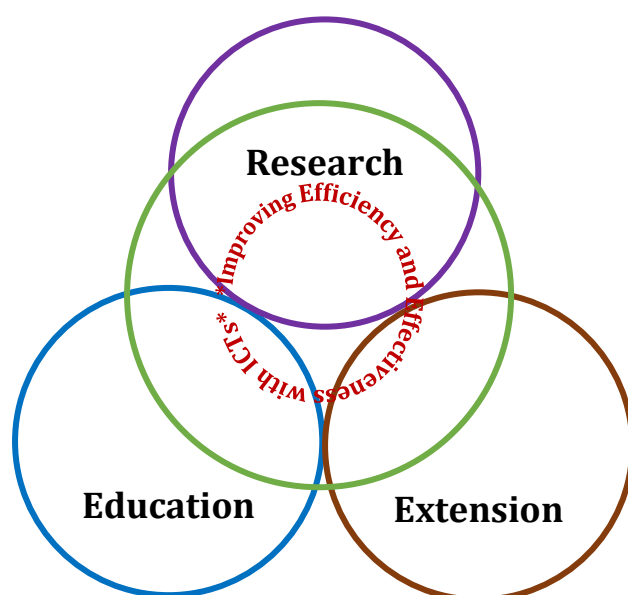
ICTs for Improving Efficiency and Effectiveness in Agricultural Research, Education and Extension of NARES

November 13-22, 2018

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Background: *The web 2.0 open technologies and the cloud computing enable effective collaboration among the teams separated by time and distance. And these ICTs which are available freely and openly should be extensively used by the young scientists and faculty members of the National Agricultural Research, Education and Extension (NARES) for efficient conduct of the research, education and also to have an efficient extension system in place. The ICAR-IIHR has a good strength of specialized faculty and scientists, well-equipped classroom, library, internet connectivity. It extensively uses ICTs in the coordination and management of its office and the research, education and extension programmes. It has a strong presence on Social Media Channels. The ICAR-AICRP on Fruits also uses ICTs extensively to coordinate, communicate and delegate the responsibilities of the 50 centre network. And hosts all its data and information on a LAN server repository which has access to its staff for compilation of reports. For all its work it has been conferred with Chaudhary Devi Lal Outstanding All India Coordinated Research Project Award 2016 by the ICAR.*

Objective: *This course is intended to help the attendees to get acquainted with the new emerging ICTs and get trained in effectively utilizing in their research, education and extension.*

Topics: *The course will deal with all aspects related to education, research (conception, execution, data aggregation, analysis, publication, dissemination) and extension. For more details please visit:* https://goo.gl/eh75xf. *Tentative topics to be covered are not limited to the following:*

- *Agricultural Information Repositories*
- *Data Analysis and Visualization*
- *Drones and Sensors in Agriculture*
- *Increasing the visibility of Scholarship*
- *MOOCs & Open Educational Resources*
- *National Policy Support*
- *Open Source & Content Licenses*
- *Publishing & Conferencing Platforms*
- *R Software Training Workshop*
- *Social Media & Agricultural Research*

Methodology: *The course is comprised of theory and practical (hands on experience) and is delivered by eminent resource persons. It is advised that the participants to bring a laptop or any other gadget to the course. There will be a pre and post course examination to test the learning outcomes.*

Expected Learning Outputs: *The training programme will equip the participants with smart ICT skills for increasing the effectiveness of research collaborations, communications, teaching and extension. The participants will also learn how to increase their research visibility and discoverability online when they contribute their scholarly outputs for building new knowledge for sustainable agriculture development.*

Who Should Attend: *Permanent staff of SAU/CAU/ICAR Institute/Other constituent of NARES with the rank of Assistant Professor, Scientist or equivalent.*

Programme Dates and Venue: *The short course is scheduled from 13th to 22nd November 2018 at the ICAR-IIHR, Hesaraghatta Lake Post, Bengaluru 560089 and the participants are expected to arrive by the evening of 12th November 2018 at the ICAR-IIHR Guest House.*

Boarding, Lodging and Travel: *All the participants are provided free boarding and lodging in the campus guest house on sharing basis during the course period. It is requested that the participants are not to accompany any family members. Participants will also be paid to and fro fare charges for journey performed by the shortest route by rail (AC-II tier) or bus (public transport). Participants may hire, Taxi from Railway Station/Bus Stand. Buses from Majestic are available at platform No.21 to reach ICAR-IIHR, Hesaraghatta, TB Cross Bus Stop (https://goo.gl/maps/E8E5fKKLMx52).*

How to Apply: *Interested candidates may apply online by registering on the* **CBP Vortal** (**http://cbp.icar.gov.in**). *After filling the online application (**Sl. No. 38** under **Short Course**), applicants should get it approved by the competent authority of the organization, upload the scanned copy in the CBP vortal and send the hard copy by post along with the registration fee to the Course Director before the closing date. Selected candidates will be informed through the CBP vortal and also communicated via e-mail before four weeks from the commencement of the course.*

Application Fee: *The applicants have to enclose Demand Draft for* **Rs. 50/-** *made in favour of '**ICAR Unit- IIHR**' payable at Bengaluru with the application.*

Last Date For Receiving Applications: *The hardcopy of the applications with all relevant enclosures & fee should reach the Course Director by India Post* **on or before 6th October 2018.**