



SCAN TO REGISTER

Sponsored Workshop on

Analytical Techniques for Impact Assessment of Agricultural Technologies & Policies

March 17-27, 2021

Convenor: **Alka Singh**

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Division of Agricultural Economics
ICAR-IARI, New Delhi

Co-Convenor: **Anjani Kumar**

Senior Research Fellow, IFPRI South Asia
Regional office, New Delhi

Coordinators:

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Last date to register: March 14, 2021
Registration Fee: NIL

About NAHEP- CAAST

Centre for Advanced Agricultural Science and Technology (CAAST) is a new initiative and student-centric sub-component of World Bank sponsored National Agricultural Higher Education Project (NAHEP) granted to IARI to provide a platform for strengthening education and research activities of post-graduate and doctoral students. CAAST theme for IARI is “Genomic Assisted Crop Improvement and Resource Management” that aims explicitly at inculcating genomics literacy and skills among the students of IARI and other universities.

**Training is being jointly organised by
Division of Agricultural Economics,
ICAR-IARI, New Delhi &
International Food Policy Research
Institute (IFPRI), South Asia regional
office, New Delhi**

Training at a Glance

This program presents an overview of important techniques for impact evaluation. The advances in impact assessment methodology covered in this training will facilitate students to update their knowledge and skill along with addressing their own research questions with empirical rigour. Basic idea of statistics and software tools is provided in first part of program, followed by specific impact assessment methodologies.

The training encourages discussion of practical issues in implementing each of these techniques besides the hands-on practical exercises. The lectures will be delivered by reputed researchers from ICAR-IARI, Delhi and IFPRI, SAO, Delhi providing a unique opportunity to students enabling active interaction on each topic with experts.

**Trainees on completion of the
course will receive a certificate
of participation**



Program Schedule

Classes will be held in two sessions
daily

4:00 PM – 5:30 PM & 5:45 PM – 7:15 PM

DAY 1: Introduction to softwares for data analysis

DAY 2: Principles of Impact Assessment: Concept of selection bias and counterfactual outcomes. Sampling methods for impact studies

DAY 3: Evidence synthesis through systematic reviews and meta-analysis: Theory and hands-on session.

DAY 4: Matching methods for impact assessment: Propensity Score Matching and Coarsened Exact Matching. Theory and hands-on Sessions

DAY 5: Difference in Difference methods for estimating impact: Double difference and triple difference methods: theory and hands-on session

DAY 6: Synthetic control method for assessing impact

DAY 7: Instrumental Variables and Endogeneity Switching Regression for impact. Theory and hands on Sessions.

DAY 8: Experimental Approaches in estimating impact: Designing and implementing Randomized Control Trials

DAY 9: Regression Adjustment, Inverse Probability Weighted Regression Adjustment and Regression Discontinuity Designs: Theory and hands-on sessions

DAY 10: Qualitative tools for assessing impact: Content analysis and impact prioritization through Delphi surveys

Who can Participate?

Students pursuing M.Sc. Or Ph.D. in Agricultural Economics / Extension / Statistics at various AUs/CAU/UGC recognized private universities/ICAR institutions are eligible to apply. Knowledge of statistical software like SPSS & STATA is desirable. No. of participants is limited to 50 candidates (10 from ICAR-IARI, Delhi and 40 from other agricultural universities/Organizations). Laptop and a good internet connection is mandatory.

How to Apply?

Interested candidates can apply till **March 14, 2021** through Google form link given previously. It is mandatory to attach a permission/forwardal letter/endorsement by e-mail from the department/university to be eligible for the training. The training will be hosted on Zoom.

All those who could not be the part of the training can access live streamed videos of the training programme on Youtube.

