NAHEP

National Agricultural Higher Education Project (NAHEP) Sponsored
Training programme on

Advanced Research Methods and Essential Skills for Social Sciences

12-22 December, 2022

Course Director
Dr. Alka Singh
Head and Professor
Course coordinators
Dr.R.R. Burman
Principal Scientist (Agricultural Extension)
Dr. Praveen K.V.
Scientist
Dr. Asha Devi S S
Scientist

Division of Agricultural Economics
ICAR-IARI, New Delhi-12
Last date to register : 12th November, 2022
Registration fee : Nil
Register here : https://forms.gle/2smNB6QRBX2oMHAA9

QR Code for registration:
Contact Details : nahep.eco2020@gmail.com
Mobile : 07838152028, 08950169149

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 in order 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 at a glance

The primary goal of this training program on "Advanced Research Methods and Essential Skills for the Social Sciences" is to introduce students to and give a general overview of how social scientists formulate and address research problems. The course will introduce students to structuring their research design, gathering social data, methodologies of data analysis, and result interpretation through a systematic research paradigm in addition to providing an overview of recognising social problems and generating research questions. The course is set up to provide students with a range of quantitative and qualitative techniques in order to achieve this. Real social data that is either publicly available or has been gathered by our faculty members will be analysed in real time using software that is both quantitative and qualitative as well as other specialised tools. In order to give students practical experience working with datasets, data analysis tools, and data analytical approaches, this programme will employ a combination of in-class lectures and lab sessions.

This course will enable students to (1) understand the foundations of social research methods; (2) identify social problems, formulate research questions and design clear research agenda; (3) analyse qualitative and quantitative data using statistical software such as STATA, and R, and; (4) independently design a research study, to investigate a real world phenomenon.

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

Classes will be held in physical mode
Four sessions daily
Course outline

The training has the following modules:

A. Basics of statistics/econometrics and introduction to softwares
In this module, the participants will be introduced to the basics of statistics and econometrics necessary for analysis in the social sciences. The participants will be imparted the skill to handle softwares like STATA, R, QGIS etc.

B. Quantitative analysis/ impact assessment methodologies
This module will present an overview of the important techniques for impact evaluation with a practical guide to using them and the assumptions under which they are valid. Data visualization, spatial data analysis, and tips for handling large data sets will also be covered.

C. Qualitative analysis
Introduces students to the qualitative and mixed-method research as well as the advantages and disadvantages of both. Discusses measurement, validity, triangulation, induction and deduction, ethics, and epistemology. Further, more specific topics like carrying out a qualitative interview, maintaining data, and evaluating the quality of data will also be covered

D. Academic writing
The participants will be encouraged to undertake academic writing in this module. They will be introduced to the different types of academic writing, dos and don'ts, literature review, evidence synthesis using systematic review and meta-analysis, bibliometric review etc.

Who can participate?

Students pursuing M.Sc. or Ph.D. in Agricultural Economics /Extension / Statistics at various Agricultural Universities/Central Agricultural Universities / UGC recognized private agricultural universities/ICAR institutes are eligible to apply. No. of participants is limited to 25. Selected participants should bring their laptops.

How to apply?

Interested candidates can apply till 12th November, 2022 through the Google form link provided previously. It is mandatory to attach a permission/ forwardal letter/endorsement by e-mail from the department/university to be eligible for the training.

Travel

Travelling allowances will be provided by the organizers as per the norms. Participants should produce a certificate that they have not been given TA/DA by their host institute (Head of the Department/Institute). Selected trainees are entitled for III AC tickets.

IARI-guest house to IARI campus

Food will be served during the programme and expenditure will be met from the training budget. The accommodation will be arranged for the participants at IARI- guest house.

Venue

Seminar hall, Division of Agricultural Economics, ICAR-Indian Agricultural Research Institute, Pusa Campus, New Delhi-110012.

Division of Agricultural Economics
ICAR - Indian Agricultural Research
Institute New Delhi-110012