

RESEARCH INITIATIVES

There are 20 research projects operational in the areas of structural transformation, value chain analysis, resource planning, impact assessment of agricultural technologies, delivery of extension services, farm mechanization, micro-irrigation, and market reforms. Research projects also include three network projects:

- **Structural Transformation, Regional Disparity and Institutional Reforms in Agriculture**
Quantified major drivers of structural change in agriculture, ranging from diversification, mechanization, public and private investment preferences, and terms of trade to tenancy aspects. Status and improvement in irrigation governance, impact of adoption to risk-exposure and role of expanding rural non-farm sector was estimated.
- **Promoting Value Chain of Agricultural Commodities**
Under this project, the institute along with the network partners have mapped and analyzed the value chains of regionally important commodities comprised of horticultural, livestock and organic value chains.
- **Resource Use Planning for Sustainable Agriculture**
The institute developed sustainable resource use plans for selected agro-climatic zones and also developed methodology for these.

Publications

Policy Paper 34

Market Intelligence in India, Price Linkages and Forecasts by Raka Saxena, Ranjit Kumar Paul, Pavithra S, Naveen P Singh, Rohit Kumar

The paper discusses price forecasting framework, its applications and impacts. It also decomposes price behavior into trend, cyclical and irregular fluctuations in order to ascertain the causal factor for price volatility.

Book

Quantitative Methods for Social Sciences by Vinayak Nikam, Abimanyu Jhahhria, Suresh Pal

This reference book contains 36 chapters on various quantitative methods and their applications. The book provides comprehensive coverage of multivariate techniques, forecasting methods, impact assessment methodologies, growth analysis and other important methods used in social science research.

Policy Brief 44

Impact of Climate Change on Indian Agriculture: An Agro-Climatic Zone Level Estimation by Naveen P Singh, Surendra Singh and Bhawna Anand
The brief contains estimates of the impact of climate change in 2030 and 2052.

ADMINISTRATION

Meeting of IV QRT

First meeting of IV QRT was convened on 18th July, 2019 at ICAR-NIAP. Prof S Mahendra Dev chaired the meeting. Other members of QRT are Dr D Verma, Former DG CSO, MOSPI, Dr V Gandhi,



Professor, IIM(A), Dr R S Sindhu, Registrar, PAU and Dr J P Mishra, Former ADG, ICAR. Dr N S Rathore, DDG (Edn) and Dr Venkateshwarlu G, ADG (EAQ&R) also attended the meeting and briefed QRT team about their expectations from ICAR-NIAP. The members and the chair expressed satisfaction over the work presented by NIAP.

CAPACITY BUILDING

Training Program for African Nationals

ICAR-NIAP organized the 10 days training program for African nationals on "Agriculture Policy Analysis and Communication" under India Africa Forum Summit-III. Training program was inaugurated by Dr N S Rathore, DDG (Edu), ICAR. The valedictory address was delivered by Mr. C. Roul, Secretary, Department of Fertilizer, Ministry of Chemical and Fertilizer, GOI. Field visits were arranged to IARI, CIRG and farmer producer company in Aterna, Sonipat.



ICAR Summer School on "Quantitative Methods for Social Sciences" was organized from Sept 21 to Oct 11, 2019. Prof Abhijit Sen, former Member, Planning Commission distributed certificates to the participants and delivered the valedictory address. A book was also released on "Quantitative Methods for Social Sciences".



WORKSHOP AND SEMINARS

Lecture on Climate Change

ICAR-NIAP organized a seminar on "Climate Change: Impact on Agriculture and Cost of Adaptation" by Channing Arndt, Director of Environment and Production Technology Division, IFPRI. Dr S Rashid, Director for South Asia, IFPRI graced the occasion. He underlined the need for modelling the impact of climate change and development of the mitigation and adaptable strategy.



Brainstorming session on “Securing Supply of Fertilizers and Feedstock”

The session was organized by ICAR-NIAP and Department of Fertilizer on 29th August, 2019. Shri Chhabilendra Roul, Secretary, Department of Fertilizer, Ministry of Chemicals & Fertilizers, GOI chaired the session. Stakeholders from fertilizer industry; Fertilizer Association of India (FAI), top management representatives from both public and private fertilizer companies, attended and provided inputs. Representatives from other ministries such as Ministry of Petroleum and Natural Gas, and Department of Agricultural Co-operation and Farmers Welfare, Ministry of Agriculture & Farmers Welfare also shared their experiences in the session.

Workshop on “Impact Assessment of ICAR Technologies”

The workshop was organized on Nov 28, 2019 and inaugurated by Dr Trilochan Mohapatra, Secretary, DARE, and DG, ICAR. Impact of 25 technologies was discussed in the three technical sessions followed by the concluding session. The professionals were blessed by the presence of Dr Uma Lele, President, International Association of Agricultural Economists. She also briefed the participants about the 2021 international conference in India.



Review of Agro-Economic Research Centres

DAC & FW decided to review the Agro-Economic Research Centres and the responsibility was entrusted to ICAR-NIAP. A first meeting of the representatives of DAC&FW, Agro-Economic Research Centres, Institute of Economic Growth, New Delhi; AERC, Institute for Social and Economic Change, Bengaluru; Indian Institute of Management, Ahmedabad, AERC, Delhi University and experts was held on December 7, 2019 at NIAP. The meeting was chaired by Dr Ramesh Chand, Member, NITI Aayog. AER Centres presented the achievements and constraints. Dr. Ramesh Chand lauded the work done by the AER Centres and emphasized on the need of strengthening the scheme.



DISTINGUISHED VISITORS

Lecture on “Agriculture Research, Then and Now”

Dr Marco Ferroni, SMB Chair, CGIAR delivered a lecture on “Agriculture Research, Then and Now” on 9th July, 2019 at ICAR-NIAP. The lecture was chaired by



Dr T Mohapatra, Secretary, DARE and DG, ICAR. The lecture was graced by eminent personalities, viz. Dr P Carberry, DG, ICRISAT, Dr A K Padhee, Director, ICRISAT and Dr Shichiri, FAO. The NIAP staff, participants from sister institutes and colleagues from CGIAR centers attended the lectures and were immensely benefited from it.

Felicitations

Dr N S Rathore, VC, MPUAT, Udaipur and former DDG, Division of Agricultural Education, visited ICAR-NIAP. Director, NIAP felicitated him on behalf of the entire institute. NIAP faculty was immensely benefited by his words of wisdom.



Hindi Pakhwara

Eminent journalist Sh Rahul Dev Ji visited NIAP on 3rd October 2019 and expressed his views on Gandhi Ji as well as on Rajbhasa. He also distributed prizes to the winners of various competitions organized during the Hindi Pakhwara.

EVENTS

Mahatma Gandhi 150th Birth Anniversary

ICAR-NIAP paid tribute to Gandhi Ji on the occasion of 150th Birth Anniversary on 2 Oct 2019. Activities like yoga, shram daan, tree plantation etc. were organized. Staff members expressed their thoughts on how to fulfill dream of Gandhi Ji.



Vigilance Awareness Week

ICAR-NIAP observed Vigilance Awareness Week during 28 Oct to 2 Nov 2019. Various activities like integrity pledge, poster making, essay completion and panel discussion on theme “Integrity-A way of Life” were organized during the week.

Swachh Bharat Abhiyan

Swachh Bharat Abhiyan began at ICAR-NIAP with a pledge on 16 Dec 2019. All NIAP staff took the pledge. Various cleanliness activities were also organized during Swachh Bharat Abhiyan.

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