

XVII

Shri Vasant Rao Naik Memorial National Seminar

on

## Potential, Prospects & Strategies for Doubling Farmers' Income

on the occasion of

Golden Jubilee Year

December 15-16, 2018



Organised by

DR. PANJABRAO DESHMUKH KRISHI VIDYAPEETH,  
AKOLA – 444 104 (Maharashtra) India



## Preamble

India had way ahead in the path of food deficient country to the country with surplus food production. During the era of Green Revolution and thereafter, the emphasis was always on production and productivity of the food grains, the main reason for this approach was to feed up the growing population of the country at affordable food prices. Enhancing the farmers' income was not in focus. Our agricultural policies were usually not farm-centric. This is one of the reason why there is farmers distress despite the fact that our country had achieved commendable position in food production. India is either first or second in the world in terms of many agricultural commodities, but we still need to make efforts for achieving the coveted position in productivity. Hon'ble Prime Minister in his clarion call, wished to double the income of farmers by 2022.

Past strategy for development of the agriculture sector in India has focused primarily on raising agricultural output and improving food security. The net result has been a 45 per cent increase in per person food production, which has made India not only food self-sufficient at aggregate level, but also a net food exporting country. The strategy did not explicitly recognize the need to raise farmers' income and did not mention any direct measure to promote farmers welfare. The net result has been that farmers' income remained low, which is evident from the incidence of poverty among farm households.

India has diverse agro-ecological conditions with diverse cropping systems. To attain the dual target to maximize the productivity from the available resources to feed more than 1.5 billion; the expected population of the country in 2050 as well as to ensure to increase the farmers income at two fold by 2022, the researchers will have to generate the location specific, need based, sustainable technologies of agricultural and allied sciences and the extension workers will need to ensure the adoption of the developed technologies. The low and highly fluctuating farm income is causing detrimental effect on the interest in farming and farm investments, and is also forcing more and more cultivators, particularly younger age group, to leave farming. This can cause serious adverse effect on the future of agriculture in the country.

Research institutes are expected to come with technological breakthroughs for shifting production frontiers and raising efficiency in use of inputs. Evidence is growing about scope of agronomic practices like precision farming to raise production and income of farmers substantially. Similarly, modern machinery such as laser land leveller, precision seeder and planter, and practices like SRI, direct seeded rice, zero tillage, raised bed plantation and ridge plantation allow technically highly efficient farming.

It is also necessary to develop models of farming system for different types of socioeconomic and bio physical settings combining all their technologies in a package with focus on farm income. This would involve combining technology and best practices covering production, protection and post-harvest value addition for each sub systems with other sub systems like crop sequences, crop mix, livestock, horticulture, forestry. Such shift requires interdisciplinary approach to develop on knowledge of all disciplines. The income enhancement of farmer would come mainly from seven sources like increase in productivity of crops, increase in production of livestock, improvement in efficiency of input use that would save cost, increase in cropping intensity at farmers' field, diversification towards high value commodities, better remunerative price realized by farmers, and shifting way

surplus labour (unproductive) from agriculture to non-farm activities. Several technologies and success stories have been demonstrated which need to be replicated as they have great potential to enhance the income of farmers. Since profit from single commodity or sector is unlikely to help in doubling the farmers' income, it is essential to develop site specific IFS modules involving crops, horticulture, livestock and fisheries wherever is feasible. Such systems can significantly contribute to sustainable and more income for the farmers.

Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola was established on 20<sup>th</sup> October, 1969 with its head quarter at Akola. The University was named after the illustrious son of Vidarbha Dr. Panjabrao (alias Bhausaheb) Deshmukh, who was the Minister for Agriculture, Govt. of India. The university is engaged in the research, education and extension activities under the 11 districts of Vidarbha. Dr. PDKV, Akola has so far developed 169 varieties of field, cash and horticultural crops, 23 implements and recommended more than 1376 agril. technologies for the benefit of farmers.

The seminar is being organized on the occasion of **Golden Jubilee Year** of the University and in the tribute of Shri. Vasantrao Phulsing Naik (July 1<sup>st</sup>, 1913 - August 18<sup>th</sup>, 1979) was veteran politician who served as Chief Minister of Maharashtra from 1963 until 1975. He is considered as the Father of Green Revolution in Maharashtra. The significant radical changes in agriculture and allied sectors were achieved due to his foresight. The national seminar is designed to provide a precise forum for the researchers, extension personnels, developmental agencies, farmers, policy makers, administrators, students and NGO's to share their experience and expertise to support agriculture in enhancing total farm productivity and to exchange information on latest technologies for doubling farmers income. The strong measures will be needed to harness all possible sources of growth in farmers' income within as well as outside agriculture sector.

## THEMES

The papers based on original research work carried out related to the following themes for doubling farmers' income should be sent.

- Climate Resilient Agriculture and Impact of Climate Change on Crop Production
- Conservation Agriculture, Crop Diversification and Agricultural Mechanization
- Integrated Farming System, Soil Health and Organic Farming
- Crop Improvement and Biotechnology
- Secondary Agriculture & Value Chain Management
- Plant Protection Measures including Biological Control
- Innovations in Extension Approaches, Marketing strategies and Export Opportunities
- Agri-preneurship Development and Public Private Partnership

## Participation

Participants of the conference include: Scientists, Academicians, Extension Workers, Research Scholars, faculty from SAU's, KVK's, State Development Department, SAMETI's, ATMA's, professional workers from NGO's. Any stakeholder with any discipline working on development interventions in agriculture and allied aspects can attend the seminar.

## Call for Papers for Oral/Poster Presentation

Abstracts of unpublished research related to the seminar themes are invited for presentation. Abstracts are to be submitted as an e-copy in MS-WORD, accompanied by a hard copy on A4 size paper typed in Times New Roman with single space and font size of 12 points and should not exceed one page (about 300-400 words) with 25 mm margin all around.

## Submission of Abstracts

For both oral and poster presentations, participants may submit an abstract through email at [naikseminar2018@gmail.com](mailto:naikseminar2018@gmail.com) latest by October 15<sup>th</sup>, 2018.

## Submission of Full Length Papers

The participants are requested to submit full length paper of their abstract before the due date. The full length papers will be scrutinized and the selected papers will be finalized for oral presentations. Selected full length papers will be published in PKV Research Journal.

## Gold Medal Awards

Two best papers selected on the basis of research work and presentation performance will be awarded "SHRI VASANTRAO NAIK MEMORIAL GOLD MEDAL" instituted by Shri. Vasant Rao Naik Smruti Pratishthan, Pusad (Maharashtra).

## Best Poster Award

Best poster will be selected by panel of judges and will be awarded with certificate from the organizers.

## Poster Presentation Guidelines

Participants will follow the following guidelines:

**Size of poster :** 24" x 36" **Font:** Title 85 pt, Authors 56 pt, Sub-heading 36 pt, Body-text 24 pt and Caption 18 pt. Text and figures should be legible from 5-7 feet away.

## Important Dates

Submission of Abstract	:	10.10.2018
Acceptance of Papers	:	25.10.2018
Receipt of full-length papers	:	30.10.2018
Registration fee remittance	:	10.11.2018

## Registration Fee

Participant	Amount
Scientists/Delegates	: Rs. 5000
Students	: Rs. 2000

The Demand Draft may be drawn in favour of **Section Officer, Directorate of Research, Dr. PDKV, Akola**. The local cheques will also be accepted. Registration fee may also be transferred directly or electronically through NEFT/RTGS on **Account No. 0090112013104** IFSC code : ADCC0000009 Bank and Branch : The Akola District Central Cooperative Bank Ltd., Akola, Dr. PDKV Branch, Akola Maharashtra under intimation to Organizing Secretary.

## Registration Form

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December 15-16, 2018

1. Name : \_\_\_\_\_

(In block letters, Surname First)

2. Designation : \_\_\_\_\_

3. Organization : \_\_\_\_\_

4. Mailing Address : \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

5. Mobile No : \_\_\_\_\_

6. E-mail : \_\_\_\_\_

7. Accommodation required : Yes/No

If Yes : Guest House/Hotel

8. Registration Fee : \_\_\_\_\_

Enclosed Draft No. : \_\_\_\_\_

Date : \_\_\_\_\_

9. Abstract enclosed : Yes/No (Two copies)

10. Title of paper : \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

11. Author(s) : \_\_\_\_\_

12. Theme : \_\_\_\_\_

All information furnished above are true and correct to my knowledge and belief.

Date :

Signature

## Venue

The venue will be University Head Quarter, Dr. PDKV, Akola. The university campus is located on Mumbai-Kolkata National Highway No. 6. The Akola is important junction on Howrah-Nagpur-Mumbai train route. Nagpur is the nearest International Airport which is around 250 km away from Akola.

## Climate

The Normal annual rainfall over the district varies from about 740 mm to 860 mm. The average temperature of the district ranges in between 12.6 °C to 42.4 °C. The weather during December is pleasant with the temperature ranging from 12.4 °C (night) and 29.5 °C (day), light woolen clothing may be required.

## Accommodation

Arrangement of accommodation for delegates will be made in the University Guest House on first come basis. Good Hotel accommodation at affordable rates (Rs. 3000-4000/-Non-AC/AC) is also available in Akola city. The expenses towards TA, DA and accommodation will have to be borne by the sponsoring organization/ institution. Delegates are requested to inform about their participation well in advance.

## Chairman, Organizing Committee

**Dr. V. M. Bhale**

Hon'ble Vice Chancellor,  
Dr. PDKV, Akola - 444 104 (MS)

## Organizing Secretary

**Dr. V. K. Kharche**

Director of Research  
Dr. PDKV, Akola- 444 104 (MS)  
Phone & Fax : 0724-2258419 , Cell No. : +91 8275013940  
E-mail : [naikseminar2018@gmail.com](mailto:naikseminar2018@gmail.com) / [director\\_res@pdkv.ac.in](mailto:director_res@pdkv.ac.in)

## Co-ordinator

**Dr. V. S. Tekale**

Head  
Department of Extension Education,  
Dr. PDKV, Akola- 444 104 (MS)  
Phone : 0724 -2258354 Cell No. : +91 9922509636  
E-mail : [naikseminar2018@gmail.com](mailto:naikseminar2018@gmail.com)

## Correspondence

All the correspondence regarding the seminar including submission of abstracts and full length papers should be addressed to the Organizing Secretary/Co-ordinator. For more details please visit [www.pdkv.ac.in](http://www.pdkv.ac.in)

**E-mail ID for electronic submission of abstract**  
**[naikseminar2018@gmail.com](mailto:naikseminar2018@gmail.com)**