



CAET Golden Jubilee
National e-Conference
on

**“Agricultural Education, Innovation and Research for
Future Livelihood - Indian Scenario in 2050”**

January 28-29, 2021



Organized by



National Agricultural Higher Education Project

Faculty of Agricultural Engineering

Dr. Panjabrao Deshmukh Krishi Vidyapeeth Akola

P. O. Krishi Nagar, Akola -444104 (M.S.) India

www.pdkv-nahep.org nahep.nc@gmail.com

About University

Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola was established on 20th October, 1969 with its head quarter at Akola. This Agricultural University was named after illustrious son of Vidarbha Dr. Panjabrao Deshmukh, who was the Minister of Agriculture, Govt. of India. The jurisdiction of this university is spread over the eleven districts of Vidarbha. According to the university act 1983 of the Government of Maharashtra, the university is entrusted with the responsibility of agricultural education, research and extension. The instructional program at main campus are spread over in five colleges namely, College of Agriculture, College of Agricultural Engineering & Technology, College of Forestry, College of Horticulture and Post Graduate Institute. At this campus 4 degree programs namely B. Sc. (Agri.), B. Sc. (Hort.), B. Sc. (Forestry), and B. Tech. (Agril. Engg.), two master's degree program viz. M. Sc. (Agri.) and M. Tech. (Agril. Engg.) and Doctoral programmes in the faculties of Agriculture and Agril. Engineering are offered.

About CAET

The College of Agricultural Engineering and Technology was established on 3rd October, 1970 at Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola (Maharashtra). In the year 1982, the Faculty of Agricultural Engineering was established. The College of Agricultural Engineering and Technology was started with five departments namely Department of Farm Power & Machinery (FPM), Department of Agricultural Process Engineering (APE), Department of Soil and Water Management (SWM), Department of Unconventional Energy Sources and Electrical Engineering (UCES & EE) and Department of Farm Structures (FS). During 1992 Soil & Water Management, Department was bifurcated into Soil and Water Conservation Engineering (SWCE) and Department of Irrigation and Drainage Engineering (IDE).

The College of Agricultural Engineering and Technology offers B. Tech. (Agril. Engg.) degree programme of four years, envisages the development, planning, implementation and evaluation of modern agricultural technologies for uplifting agrarian rural society and boosting industrial revolution in agro-based industries. The M. Tech. program is offered in all the departments and Ph.D. programme was started since 2009-10. This college is completing 50 years of its service to farmers.



About NAHEP

Indian Council of Agricultural Research (ICAR), Government of India has taken up the World Bank supported National Agricultural Higher Education Project. The project has been formulated with a focus to improve and sustain quality of higher agricultural education. It aims to produce a globally competitive agricultural human resource capable of developing new technologies and skills for scale up and transfer of new technologies to improve the production system and value addition. Overall, the project aims to develop resources and mechanism for supporting infrastructure, faculty and student advancement and providing means for better governance and management of agricultural universities, so that a holistic model can be developed to raise the standard of current agricultural education system that provides more jobs and is entrepreneurship oriented and at par with global agricultural education standards.

About e-Conference

By the year 2050, annual food grain production would need to grow to 333 million tonnes. Despite the fact that the contribution of key food grains in acreage terms in India is 15 per cent, the production contribution is mere 8.7 per cent. This indicates that the use of innovative technology is necessary to meet the forecasted demand in a sustainable manner and move Indian agriculture along the growth path. It's time to seek the right partnerships that add value through innovations and achieve shared goals through combined efforts. To adopt innovation, support to Agri-start-ups will aid in agriculture growth. The efficient use of the talent pool will be a key driver for improving competitiveness in the agriculture sector. Now a days new technologies are revolutionising the farming industry but the education sector is failing to keep pace. Domain expertise in agriculture sector can be enhanced with innovations in agriculture education. There is a need for innovation in agricultural education across the key areas like; development of education resources that attract the very brightest students into a career in agriculture innovation, development of strategies to improve extension of research outcomes to the farming sector and innovation in the education of the general public is required.

Looking into the need of an hour NAHEP, Dr. PDKV, Akola is organizing a national conference on the theme **"Agriculture Education, Innovation and Research for Future Livelihood - Indian Scenario in 2050"**.

The conference will provide a platform to generate pool of ideas from students, researchers, academicians and industrialists and farmers for future innovations.

Sub-Themes of the Conference

- Current challenges and future strategies of agricultural education in India
- Capacity building and skill development in agricultural education
- Innovation in agricultural education
- Innovations in agricultural research and technology
- Use of robotics and artificial intelligence in Agriculture
- Challenges in agricultural knowledge management system
- Innovations in agribusiness for young entrepreneurs
- Role of incubation centres in creating entrepreneurship ecosystem
- Self Innovation by farmers for doubling income.
- Scope of rural development through Agribusiness

Eligibility

NAHEP, Dr. PDKV, Akola takes privilege to invite academicians, researchers, scientists, farmers, entrepreneurs of agro-based industries/ NGOs/ self help groups, agricultural graduates, research scholars from across India to participate in the National e-Conference on **“Agriculture Education, Innovation and Research for Future Livelihood-Indian Scenario in 2050”** to be held during **January 28-29, 2021** at online platform.

Call for Papers

Abstract Submission

The abstract should be informative, conclusive and suitable for indexing. It should be in English and should not exceed 500 words on any of the theme areas and must include key words. The abstract should clearly indicate paper title, author(s), complete mailing address including telephone number and email address.

The scope and objectives of the paper, methodology, summary of results and conclusions. The abstract should be typed in single space in times new roman, font 12 points.

Manuscript Submission

The manuscript to be submitted should be typed in times new roman font size 12 with 1.5 spacing on A-4 size paper. Paper should not be more than 10 pages.

The format of paper will have following components: Title, Author(s) details, abstract, introduction and objectives of the paper, methods and data sources, results and discussions, summary and conclusions and implications including recommendations. The text of the paper in English must confirm strictly to the following requirements and be free from errors (i) Top/bottom margin 25 mm , (30 mm for first page) (ii) left and right margin : 25 mm (iii) Typing area 160 mm x 247 mm including folio, single space, single column. (iv) Total pages : 10 including, figures, tables, photographs , if any. (v) Font type: Times new roman (vi) Title 14 point BOLD Capital (vii) Author name : 12 point bold (do not prefix name with Mr./ Ms./Dr./Prof.)(viii) Affiliation (designation, organization and place): 10 point italics (ix) Main headings: 12 point Bold Capital.

The research paper must be submitted electronically via Email at nahep.nc@gmail.com

The accepted papers will be considered for online oral or poster presentation.

Selected presented papers after plagiarism test will be published in ISSN journal in electronic mode only.

Important Dates:

Notice of First Circular	Dates
Last date for submission of abstract at nahep.nc@gmail.com	December 31, 2020
Notification of acceptance	January 05, 2021
Submission of full length paper	January 11, 2021

Best Paper Award :

Oral as well as poster presentations will have equal status. There will be best Oral Paper and Poster presentation awards for presenters.

Registration

The eligible shortlisted candidates (those who will receive acceptance of paper) can register for the e-Conference.

The registration link is

<https://qrqo.page.link/fG63y>

Or use QR code



The registration link will be active up to January 20, 2021

Registration Fee

Category	Registration fees
Delegates	Rs. 2000
Industry & Other	Rs. 2000
Students	Rs. 2000
Farmers	Rs. 500

*** Registration fee includes printing/ publication charges of research paper in reputed journal**

Mode of payment of Registration Fees

Registration fee can be send only through the online mode

Online Mode: Direct transfer through RTGS/ NEFT mode

Account Details:

Account Name: **The Comptroller, Dr. PDKV, Akola**

Bank Name: **State Bank of India**

A/C No.: **10428433344,**

IFSC Code: **SBIN0002171**

- **WhatsApp group of the conference participants will be formed one day before the start of the conference and all the communications regarding the conference will be posted in WhatsApp group.**
- **Or alternatively participants can visit our social media pages**
Facebook Page: NAHEP-IG Dr. PDKV, Akola
YouTube Channel: AKOLA-NAHEP
- **Two days national e-Conference will be conducted online at Zoom Cloud Platform.**
- **The themes of the conference will be divided into different sessions and each session will consists lead lectures, oral and poster presentations.**
- **The meeting ID and Password for joining the session will be communicated through WhatsApp group 15 minutes before the session.**
- **Only e-Certificate will be issued to all the registered participants.**

Organizing Team

Chief Patron



Dr. V. M. Bhale
Hon'ble Vice Chancellor
Dr. PDKV, Akola.



Dr. R. C. Agrawal
National Director
NAHEP, ICAR, New Delhi.

Patron



Dr. R. B. Sharma
National Coordinator
NAHEP (IG), ICAR, New Delhi.



Dr. Prabhat Kumar
National Coordinator
NAHEP (CAAST & Compt-2)
ICAR, New Delhi.



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Dean (Agril.), Dr. PDKV, Akola.



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Director of Research
Dr. PDKV, Akola.



Dr. D. M. Mankar
Director of Extension Education
Dr. PDKV, Akola.



Dr. S. B. Wadatkhar
Dean (Agril. Engg.)
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Dr. PDKV, Akola.

Co-Chairman



Dr. S. S. Harné
Nodal Officer, NAHEP (IG)
Dr. PDKV, Akola.

Organizing Secretary



Dr. V. P. Khambalkar
Co-PI, NAHEP (IG)
Dr. PDKV, Akola.

Core Team

Er. Sagar T. Patil, RA, NAHEP	Er. M. R. Rajput, SRF, NAHEP
Er. Swati S. Narnaware, SRF, NAHEP	Dr. A. J. Dere, SRF, NAHEP
Er. K. A. Sahu, JRF, NAHEP	

Contact us

Email us at : nahep.nc@gmail.com
pdkvnahep@pdkv.ac.in
 For more details visits us at : <https://www.pdkv-nahep.org>
 Mob: 8550974300, 7201807899, 7588500298