

Dr. Rajendra Prasad Central Agricultural University

Pusa, Samastipur, Bihar-848125

Vice-Chancellor's Message

I am proud & delighted to share that our university has again been ranked among top ten Government Universities in the country by India Today- MDRA survey, 2021 and became first Agricultural University which is ranked among top ten universities of the country in consecutive two years. It has been ranked in a national level survey of India Today- the leading Indian magazine which has more than nine million readerships in India. Besides, it has also been ranked 3rd among universities with best faculty-student ratio. The overall improved ranking from the last year 10th (2020) to 9th position (2021), reflects our sustained efforts for all-round development.

Furthermore, our university has received two national awards from ICAR, New Delhi namely Best KVK award to our KVK, Piprakothi and Jagjivan Ram Abhinav Puraskar to one of our mushroom farmer- Smt. Manorama Singh from Vaishali district. Smt. Singh who started Mushroom cultivation with the support and assistance of the university, now an example of women empowerment. I remember inaugurating her spawn unit in February 2016 and in the span of just five years, she has started to earn more than a lakh per month by expanding her spawn unit to Mushroom production-controlled plant. I congratulate her for excellent success and hope that many more women entrepreneurs would follow her footprints.

I sincerely acknowledge the contribution from every member of the university in achieving these recognitions and awards.

Vice-Chancellor's Engagements

- Participated in the Foundation Day of ICAR- VPKAS, Almora through video conferencing on 04th July 2021.
- Inaugurated RAS Building, Matasya Vatika and Fish Museum at CoF, Dholi, during National Fish Farmers' Day on 10th July 2021.
- Participated in the inaugural function of 4th Annual Zonal Workshop of KVKs under ICAR-ATARI, Zone-IV, Patna on 14th July 2021.
- Honoured as Chief Guest in the National Webinar on "Strategies for Enhancing Quality of Fish Seed from Fish Water Hatcheries" on 14th July 2021.
- Attended state level working committee meeting of 'National Food Security Mission Project' on 14th July 2021.
- Chaired the Webinar on "Research Intervention Mitigating Climatic Hazards: An Academic Overview" on 15th July 2021.
- Participated in the tree plantation campaign themed "Har Medh Par Ped" virtually on 16th July 2021.
- Participated in 93rd Foundation Day and the Award Ceremony of ICAR through video conferencing on 16th July 2021.
- Inaugurated 'Van Mahotsav' programme in the botanical garden of DRPCAU, Pusa on 16th July 2021.
- Chaired the Academic Council Meeting of DRPCAU, Pusa on 17th July 2021.
- Delivered a talk in the Brain Storming Session conducted by Agricultural Engineering Department, Chennai, on the Topic- "Interventions of Agricultural Engineering Technologies in increasing the cultivable area achieving sustainable Agricultural Production and increasing net income of Farmers in Tamil Nadu" on 17th July 2021.
- Inaugurated 'Akshayani' children park in the university campus on 18th July 2021.
- Inaugurated training and exposure visit of the Extension Officers, Department of Agriculture, Govt. of Bihar and progressive farmers on 'Newly developed technologies in the University' on 19th July 2021.
- Participated in the Brain Storming Session on "Safe use of Chemical fertilizers and other Agro-chemicals" through virtual mode on 19th July 2021.
- Participated in the Policy Workshop on "Scaling up Bio-fortification through Seed Policy Reforms" in virtual mode on 20th July 2021.
- Chaired 7th Finance Committee Meeting of DRPCAU through virtual mode on 23rd July 2021.
- Chaired felicitation ceremony of award-winning members of KVK Piprakothi Team and Mrs. Manorma Singh, Progressive Farmer at Vidyapati Sabhagar on 23rd July 2021.
- Inaugurated a well-equipped Advance Mushroom Spawn Laboratory with 01 ton/ day capacity in ACMR, DRPCAU, Pusa on 24th July 2021.
- Inaugurated 'Mahabhashya' Meeting Hall at CBS&H and delivered inaugural lecture of Mahabhashya Series of Annual Lecture on 24th July 2021.
- Participated as Resource Person in the National Webinar on "Waste to Wealth: Effective Management of Agricultural Waste and Crop Residues" organized by Agro Economic Research Centre, Sardar Patel University, Anand, Gujarat and talked on- "Creating Rural Employment- Monetizing Agro-Waste" on 26th July 2021.
- Chaired a get-together meeting with faculties and officers of the university on 31st July 2021 at Vidyapati Sabhagar to celebrate university's ranking by India Today group.

TOP 10 GENERAL UNIVERSITIES (GOVERNMENT)

RANK	UNIVERSITY	RANK 2020	RANK 2021
1	JAWAHARLAL NEHRU UNIVERSITY, New Delhi	1	1
2	UNIVERSITY OF DELHI, Delhi	NP	NP
3	UNIVERSITY OF HYDERABAD, Hyderabad	2	2
4	ALIGARH MUSLIM UNIVERSITY, Aligarh	3	3
5	UNIVERSITY OF CALCUTTA, Kolkata	5	5
6	JAMIA MILLIA ISLAMIA, New Delhi	6	7
7	MAHATMA GANDHI UNIVERSITY, Secunderabad	6	6
8	TATA INSTITUTE OF SOCIAL SCIENCES, Mumbai	8	NP
9	DR RAJENDRA PRASAD CENTRAL AGRICULTURAL UNIV., PUSA, Samastipur	10	NP
10	COCIN UNIVERSITY OF SCIENCE & TECHNOLOGY, Kochi	7	8



Dr. R. C. Srivastava
(Hon'ble Vice-Chancellor)

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Chief Patron:

Dr. R. C. Srivastava
Vice-Chancellor

Compiled & edited by:

(Drs.)

R. M. Sharma,
P. K. Pranav
M.L. Meena
K. Sapna
A.K. Panda
S. Nandni
G. Trivedi

Tech. Asstt.:
Manish Kumar

Published by:

Publication Division,
RPCAU, Pusa.

Contact:

www.rpcau.ac.in

- **The 7th Academic Council** of the University held its meeting on 17th July 2021, to discuss and finalize the policy issues for improvement in the academic programme at School of Agri-Business & Rural Management, DRPCAU, Pusa.
- **The VIIth Education Council** held its meeting twice on 15th and 27th July 2021 to review ongoing academic activities and to finalize the guidelines for various academic programme through online mode.
- The virtual meeting of Board of Studies was conducted in different colleges to discuss various issues regarding improvement in academic programme and ongoing academic activities through online mode and to recommend the considerable issues in academic council meeting.
- The final exams for all UG, PG and PhD courses were successfully completed through online mode and most of the students have submitted their thesis for final evaluation.
- College of Fisheries Celebrated **National Fish Farmers' Day** on 10th July 2021 and organized varied activities and programme in presence of Hon'ble Vice Chancellor, the Chief Guest of the programme who released a book, a practical manual and a lab manual on this occasion.
- **Department of Aquaculture, College of Fisheries, Dholi, RPCAU** virtually organized a webinar on "Strategies for enhancing quality of fish seed from freshwater hatcheries" on 14th July 2021. The occasion was graced by Dr. Joykrushna Jena, DDG (Fisheries Science), ICAR, New Delhi as Chief Guest, Dr. N. Vijaya Lakshmi, Principal Secretary, Dept. of Animal & Fisheries Resources, Govt. of Bihar as Guest of Honor in presence of Dr. R.C. Srivastava, Hon'ble Vice-Chancellor, Dr. P.P. Srivastava, Registrar, and Dr. S. C. Rai, Dean, CoF, Dholi. A total of 350 participants registered themselves for the event.
- **Hands-on virtual training** was conducted for KVKs on 'Bamboo Processing and Crafting for Entrepreneurship Development' jointly organized by the College of Agricultural Engineering and M/S Prashant Bamboo Machines Pvt. Ltd, Nagpur on 9th July 2021. Dr. Ambrish Kumar, Dean, CAE delivered an introductory address and Dr. M.S. Kundu, Director, Extension Education also addressed the participants.

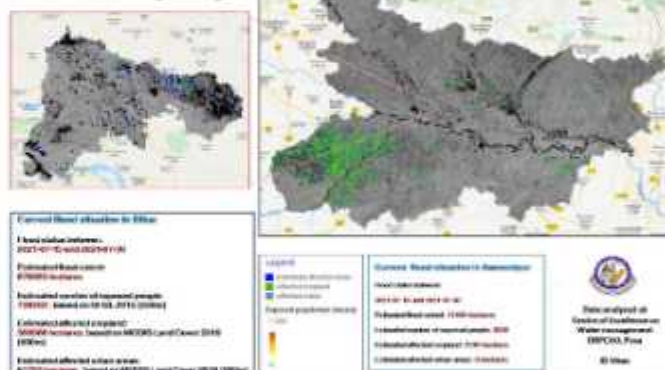


Research

- **Flood Monitoring and Crop Damage Assessment conducted by RPCAU**

The Centre of Excellence on Water Management has worked out the current flood mapping and damage assessment for the prevailing early season flood situation in entire Bihar. For this purpose, Sentinel-1 SAR imageries have been analyzed on Google Earth Engine platform in the recently developed Geospatial lab at the center. The results showed that about 7.18% of total geographical area of Bihar is under flood or waterlogged situation affecting more than 7 lakhs people. Under current situation, out of 56.03 lakh ha of net cultivated area of Bihar, 3.61 lakh ha of cropland and 0.9 lakh ha of urban area are also affected due to this early season flood.

Flood Mapping and Damage Assessment using Sentinel-1 SAR Data in Google Earth Engine



Disclaimer: This product has been derived without validation data. All geographic information has limitations due to the scale, resolution, date and interpretation of the original source

- **Collaborative webinar by RPCAU, Pusa and NIDM, New Delhi on Mitigating Climatic Hazards**

A national level webinar on "Research Intervention: Mitigating Climatic Hazards: an Academic Overview" was conducted by Centre for Advanced Studies in Climate Change (CASC) in collaboration with National Institute of Disaster Management under Indian Universities Institutions Network for Disaster Risk Reduction (IUIIN-DRR) on 15th July 2021. The programme was inaugurated by the Hon'ble Vice-Chancellor, DRPCAU, Pusa, while Major General M.S. Bindal, Executive Director of National Institute of Disaster Management and Director Research, DRPCAU, Pusa graced the occasion with their virtual presence. The Hon'ble Vice-Chancellor stressed on the mitigation of air pollutants due to the use of wood/dung-based fuel for cooking through a sustainable economic intervention 'Sukhet Model'.



- **Field Visit by the Director of Research**

Field of Tuber crop- Elephant Foot Yam was visited by Director Research, DRPCAU, Pusa and Dean, TCA, Dholi along with other scientists working on tuber crops on 29th July 2021 where Director Research was briefed about the promising effects of zig-zag sowing on crop's overall health.

➤ National Fish Farmers' Day Celebrated

The College of Fishery, Dholi celebrated the National Fish Farmers' Day on the 10th July, 2021. Hon'ble Vice Chancellor along with other dignitaries of the University graced the occasion.



➤ **Field Day – cum – Awareness Programme was organized on “Tilapia Fish Farming”** under NFDB project titled “Standardization and Demonstration of Monosex Tilapia culture in Freshwater pond of Bihar”.

➤ **A Field Day on “Production of Re-circulatory Aquaculture System”** was organized and this occasion Hon'ble Vice Chancellor inaugurated the Re-circulatory Aquaculture System Bhawan.

➤ **Distribution of Freshwater Prawn Seed (PL20)** Under NFDB Project titled “Demonstration of seed production technology of Giant Freshwater Prawn” were distributed among selected farmers for demonstration of freshwater prawn farming and release of prawn seed in the newly constructed pond at CoF, Dholi.



Inauguration of Fish Museum at COF, Dholi



Release of Book, Practical Manual and Lab Manual



Inauguration of Matsya Vatika at COF, Dholi

Extension Activities

➤ **Interaction Meeting-cum-Workshop on District Contingent Plans** An interaction meeting-cum-workshop on updation of District Agriculture Contingent Plans with all the KVKs under DRPCA, Pusa jurisdiction was conducted in Sanchar Kendra, DRPCA, Pusa, on 23rd July 2021 under the chairmanship of Dr. Mithilesh Kumar, Director Research. Representatives from all the KVKs presented the updated Contingent Plans in light of the recent climate changes and the technologies developed for their management. The expert committee suggested different measures to make the contingent plan viable and dynamic as per the recent technologies generated by the university particularly in areas of stress related to flood and drought to fisheries and animal science.

➤ **Krishi Vigya Kendra, Saran facilitate** A team constituted from DRPCA, Pusa (Mr. Pankaj Kumar, SMS, Fisheries and Dr. Shivendra Kumar, Associate Professor, CoF, Dholi) visited Jan-Nayak Chandrashekar University to explore the possibilities of Integrated Aquaculture at University campus, Balia, UP on 06th July 2021.

➤ **Felicitation Ceremony** Directorate of Extension Education organized felicitation ceremony for the team of KVK, Piprakothi for receiving the first award under Pandit Deendayal Upadhyay Krishi Vigyan Protsahan Puraskar-2020. During this occasion, Smt. Manorma Singh an entrepreneur on Mushroom was also felicitated for receiving Jagjivan Ram Abhinav Krishi Puraskar-2020



➤ **Annual Zonal workshop zone IV** ATARI, Patna organized a virtual workshop from 14-15th July 2021 under the chairmanship of DDG, (Ag. Extn.), Dr. A. K. Singh. In this annual workshop 68 KVKs of zone IV including KVKs of RPCAU participated and presented their annual achievements 2020-21 and action plan for the ensuing year 2021-22. DDG, Ext., discussed about doubling the farmer's income and rearing of improved breed of cattle for higher milk production. Special guest Dr. R. C. Srivastava, Hon'ble Vice-Chancellor, RPCAU, highlighted the new initiatives undertaken by KVKs of RPCAU and successful implementation of “Sukhet Model” of waste management being widely appreciated throughout the country.



➤ **Mega Plantation Programme** On the auspicious occasion of ICAR's Foundation Day on 16th July 2021, all the 16 KVKs, under DRPCA, Pusa, organized a campaign on plantation and awareness for the promotion of tree-based farming with the theme of “*Har Med Par Ped*”. On this occasion, about 3000 different tree saplings of Mahua, Arjun, Sheesham, Teak, Semal, Poplar, Mahua, Kadam, Bel and *Eucalyptus* were planted in the villages of different districts. Padamshree awardee Smt Rajkumari Devi and Sri Santosh Kumar, Block President of ATMA were the Chief Guest of the function at KVK, Saraiya and KVK, Turki respectively.

➤ **Krishi Vigyan Kendra, Piprakothi, East Champaran organized plant distribution**



➤ In the presence of Hon'ble Ex-Union Agriculture Minister, Govt. of India and present MP, Motihari, Shri Radha Mohan Singh, KVK Piprakothi distributed 10,000 Aonla plants to the farmers on 03rd July 2021 with an aim of protecting the environment from air pollutants and also creating awareness amongst the people regarding linkage of plants and human and other lives' survival. Hon'ble MP in presence of Esteemed MLAs also planted Aonla seedling at KVK Piprakothi campus for an eco-friendly environment. All scientists of KVK Piprakothi marked their presence in the programme.

➤ **Distribution of planting material by Hon'ble Minister of Skill Development & Information Technology:**

Environment and water conservation programme were organized by KVK Jale, Darbhanga, on 5th July, 2021. Shri Jivesh Kumar, Hon'ble Minister of Skill Development & Information Technology, Govt. of Bihar graced the occasion along with other dignitaries, Dr. Raghvendra Prasad, Ahiyari East Mukhiya, JEEVIKA officials etc. On this occasion, over 100 plants of Mango, Jamun, Arjun and Guava were distributed among 100 farmers and JEEVIKA Didi.

➤ **CAE developed centre table from pigeon pea stalk**

Under Agri-waste utilization activities, an innovative methodology is evolved to use pigeon pea stalk for making light furniture. A centre table is made with these materials at CAE by Dr. S.K. Patel and his team under the guidance of Dr. R. C. Srivastava, the Hon'ble Vice-Chancellor, DRPCAU.



➤ **A Farmer's Training Programme on "Hybrid Maize Production & Processing Technology"**

was organized at Semra, East Champaran from 23-24th July, 2021 & at TCA, Dholi on 28th July, 2021 under TSP programme of AICRP, Maize. Sprayers Machines and certificates were distributed to all 25 participants by the dignitaries.



➤ **A Training Programme on "Value Added Products & Popularization of Technology of Tuber crops"**

was organized by AICRP, Tuber Crops, TCA, Dholi, in collaboration with Dept. of Food & Nutrition, CCS, Pusa from 29-31st July, 2021 under TSP.

➤ **An on-Farm Training was conducted under project "Farmers Participatory Hybrid Paddy Seed Production"**

running at TCA, Dholi, on 30th July 2021 at Rampur Samthoo village of Samastipur District, Bihar. Parental lines of two research hybrid genotypes i.e., Rajendra Rice Hybrid -1 & 2 were sown in 5:1 ratio (Female: male) along with three hybrid rice genotypes, two developed by the University and one by a private company.

Awards & Other Activities

➤ The University has been ranked among top ten universities of India with an improved rank from 10th in the previous years to 9th this year by India Today- MDRA survey, 2021.



➤ **National Award:** The Piprakothi KVK has received Pandit Deendayal Upadhyay Krishi Vigyan Protshahan Puraskar-2020 on 16th July, 2021 on the occasion of 93rd ICAR Foundation Day. The Hon'ble Agriculture & Farmers' Welfare Minister, Sri Narendra Singh Tomar Ji presented the first position award to the KVK, Piprakothi in virtual mode.

➤ A day long online training programme on "Preparation of fish cookies from the locally available fish species in Bihar" was organized by Dr. Tanushri Ghorai, Asst. Prof., Dept. of Fisheries Engineering and Processing Technology CoF, Dholi on 30th July, 2021 for Subject Matter Specialists-Community Science. Director Research, DRPCAU, Pusa as Chief Guest, Director Extension Education, DRPCAU, Pusa as Guest of Honour and Dean, CoF, as chairman of the programme were connected virtually. Eight SMSs from different KVKs under DRPCAU, Pusa were trained to prepare fish powder and fish cookies through this programme.



➤ An invited lead talk on "Mushroom cultivation: One simple solution to many problems of farmers" was rendered by Dr. S. Nandni, Asstt. Prof. Dept. of Plant Pathology, in an International e-conference on "Harnessing Microbes in Agriculture: An opportunity for Organic farming" organized by NIAS, Gopal Narayan Singh University, Jamuhar, Bihar from 15-16th July, 2021.

➤ A Guest lecture was delivered by Dr. Adita Sharma, Assistant Professor, Dept. of Fisheries Resource Management, CoF, on "Agents of Change- Creating Impact through Fisheries" in an online training programme organized on 24th July 2021 by Ext. Edu. Institute, DAC & FW, Ministry of Agriculture and Farmer's Welfare, Govt. of India on theme- "Empowering Women in Agriculture"

