



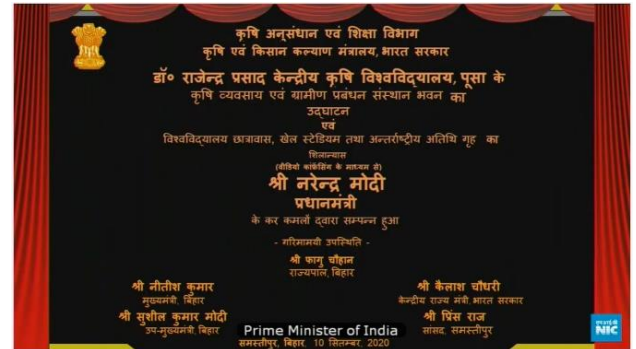
Proud Moment for RPCAU



It has been another feather in the cap of RPCAU, a proud moment for us when Hon'ble Prime Minister Shri Narendra Modi Ji has inaugurated the School of Agribusiness and Rural Management Building and laid the foundation stones of International Guest House, Boy's Hostel and University Sports Complex on 10th September 2020 through video conferencing under the venile presence of his excellency Shri Faggu Chauhan, Hon'ble Governer, Bihar, Shri Nitish Kumar, Chief Minister, Bihar, Shri Sushil Kumar Modi, Deputy Chief Minister, Bihar and Shri Kailash Chaudhary, Union Minister of State for Agriculture and Farmer Welfare, Government of India.

RPCAU fraternity feels honored and elated to note that Hon'ble Prime Minister appreciated the allround progress made by the the University after its conversion to Central University. He also stated that "जय किसान, जय विज्ञान और जय अनुसन्धान जब एक साथ एक मंच पर मिलकर काम करेंगे तभी कृषि क्षेत्र में उन्नत बदलाव संभव हो पायेगा"

Glimpses of Inauguration and Foundation laid Ceremony at RPCAU by Hon'ble Prime Minister



Volume-1, Issue-4
October, 2020

Chief Patron:

Dr. R. C. Srivastava
Vice-Chancellor

Compiled & edited by:

(Drs.) R.M. Sharma,
R. K. Jha,
P. K. Pranav,
A. Jamwal,
A. K. Panda, &
G. Trivedi

Published by: Publication
Division, RPCAU, Pusa.

Contact: www.rpcau.ac.in
publicationdivision@rpcau.ac.in



- New Building of School of Agribusiness and Rural Management constructed at total cost of Rs. 11 crore is fully equipped with State-of-the-Art facility for imparting quality education in agri-entreprenureship and Ruaral Managemet among youth who will be job creater instead of job seeker.
- The new Boy's Hostel to be constructed at total cost of Rs. 27 crore will have facility for accomodating 400 students in addition to existing hostel facilites will add intake capacity and set a new horizon in attraracting students from across the country.
- The Sports complex being constructed at the cost of Rs. 25 crore at RPCAU campus will ensure the holistic development of students/staff in terms of their mental and physical well being to enable them to face the challenges of personal and professional life.
- The International guest house of twenty double beded rooms costing Rs. 11 crore will extend a comfortable and high standard accomodation facility to Guests/Faculties/Scientists visiting from national and international institutions.

Dignitaries participation & brief highlights of the programme



- Hon'ble Prime Minister Shri Narendra Modi Ji launched the PM Matsya Sampada Yojana (PMMSY), e-Gopala App and several other initiatives linked to studies and research in fisheries production, dairy, animal husbandry and agriculture in the state of Bihar.
- The Prime Minister has announced the setting up of a fish brood bank at Sitamarhi, and an aquatic disease referral laboratory at Kishanganj under PMMSY. He has also inaugurated a fish feed mill at Madhepura and 'Fish on Wheels' at Patna.
- The PM said the motive behind all these schemes is to empower villages and make India self-reliant (Aatmanirbhar Bharat) in the 21st Century.
- On this occasion Shri Nityanand Rai, Hon'ble Minister of State for Home Affairs, Government of India; Shri Maheshwar Hazari, Hon'ble Minister of Planning and Development, Govt. of Bihar; Dr. Sanjay Jaiswal, Hon'ble Member of Parliament, Paschim Champaran and the party president of Bihar BJP along with many public representatives were physically present as special guests in the RPCAU campus.
- The programme was lively watched by approximately 12.5 million people including more than 6 million registered participants.

Vice-Chancellor's Message



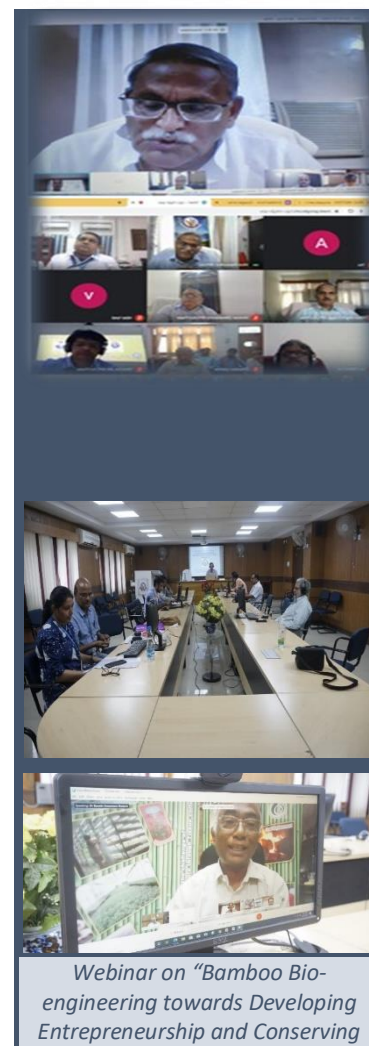
September was a proud month for us as Hon'ble Prime Minister Shri Narendra Modi Ji inaugurated our School of Agribusiness and Rural Management Building and laid the foundation stones of International Guest House, Boy's Hostel and University Sports Complex on 10th September 2020 through video conferencing. It has been a welcome development and step forward in strengthening of educational & research facilities at RPCAU Pusa.

It is also a matter of great satisfaction that the post graduate students have completed their targeted research and submitted thesis digitally despite several constraints due to ongoing Covid-19 pandemic. I am eagerly waiting to see the research progress in the upcoming 9th Research Council Meeting, Rabi 2020. I wish to draw the attention of scientist towards vegetable grower for their better profitability by reducing mechanization gap, plant disease and post-harvest losses.

I, extend my warm welcome to Dr. Prem Prakash Srivastava, registrar along with other faculties and staffs who have recently joined this university and expect that university will get benefitted with their rich experiences and services. Lastly, I, wish healthy and safe life for everyone in the campus.

Vice-Chancellor's Engagements

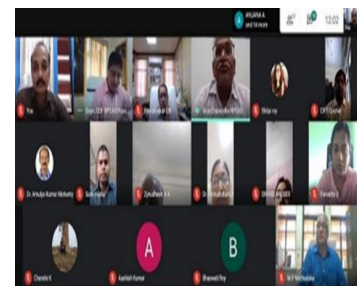
- Inaugurated a day long “National Training on IPR in Agriculture & Allied Sciences” on 01.09.2020.
- Inaugurated a virtual in-plant training on “Processing & Quality Assurance in Fisheries” for students of CoF, Dholi conducted by ICAR-CIFT, Cochin on 01.09.2020.
- Participated in MoU Signing Ceremony between RPCAU and Asia Entrepreneurship (AESA) for starting Industrial Partnership for the Development of entrepreneurship in agriculture sector on 03.09.2020.
- Appointed as a member of National Committee constituted by ICAR, New Delhi for implementation of National Education Policy for Higher Agricultural Education on 09-09-2020.
- Attended meeting of RKVY for the suggestion in the guidelines for improvement of “RAFTAAR” on 10.09.2020.
- Attended Golden AIM Conference and Awards for Excellence and Leadership in Education Chapter 4- Webinar and got conferred with a coveted award “Most Dedicated Vice-Chancellor Award” on 11.09.2020.
- Inaugurated *Hindi Pakhwada* (11.09.2020) and chaired its valedictory function (25.09.2020) in virtual mode.
- Chaired “Webinar on Industry-Academia e-Meet on Farm Mechanization” organised by College of Agricultural Engineering, RPCAU, Pusa on 15.09.2020.
- Participated in Visitor’s Conference on 19.09.2020.
- Delivered lecture in AIF Webinar on “Solar power in agriculture- experience of DRPCAU, Pusa” organized by Agri-Innovation Foundation, Lucknow on 19.09.2020.
- Participated as Guest of Honour in “Harvest Plus PSAC- Meeting” (2nd Project Stakeholder advisory Committee) of Bihar-Odisha project through Video Conferencing on 23.09.2020.
- Chaired International Webinar on “Bamboo Bio-engineering towards Developing Entrepreneurship and Conserving Natural Resources” organized by RPCAU & IB&RO (INBAR) on 24.09.2020.
- Participated in the 1st Meeting of the Sub-groups of “National Committee for Implementation of NEP 2020 for Agriculture Education” through Video Conferencing on 26.09.2020.
- Attended as Chief Guest in the valedictory function of *Hindi Pakhwada* (28.09.2020) of ICAR- Central Institute of Fishery Education, Mumbai in virtual mode.
- Participated in the “National Level Consultation on Natural Farming” under the Chairmanship of Vice-Chairman, NITI Ayog on 29.09.2020 and 30.09.2020.



Webinar on “Bamboo Bio-engineering towards Developing Entrepreneurship and Conserving

Education

- The students of master’s and PhD degree programmes have submitted their research dissertation post mandatory plagiarism check report.
- Classes of all the degree programmes are being conducted virtually using various online applications such as Google Meet, Zoom, etc.
- Virtual In-plant training was conducted during 1st Sept to 1st Oct, 2020 by the ICAR-Central Institute of Fisheries Technology, Kochi for the students of B.F.Sc. degree programme of College of Fisheries, Dholi (RPCAU). The theme of the training was “Processing and Quality Assurance in Fisheries” and it has imparted comprehensive knowledge related to different aspects of post-harvest technologies in fish and fishery products.



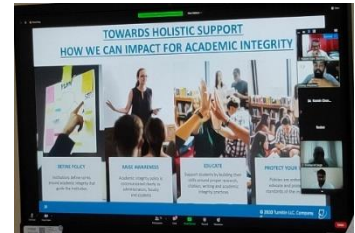
Inauguration of virtual in-plant training organized by ICAR-CIFT for the students of CoF, Dholi (RPCAU)



Industry-academia e-meet organized by the CAE on the Engineer's day.

➤ An Industry-Academic e-Meet on farm mechanization was organized by the College of Agricultural Engineering (CAE) to commemorate the birth anniversary of Bharat Ratna Sir M. Visvesvaraya on September 15, 2020 under the chairmanship of Dr. R.C. Srivastava, Hon'ble Vice Chancellor. This day is also celebrated as the Engineer's day. This e-meet brought together agricultural engineers, policy makers and entrepreneur from India and abroad to have sound and insightful discussion on farm mechanization in India.

- The College of Agricultural Engineering organized an international webinar on 'Bamboo Bioengineering Towards Developing Entrepreneurship and Conserving Natural Resources' on September 09, 2020.
- One day training program on Turnitin Anti-Plagiarism Tool was organized on 3rd Sept 2020 by the University Library for faculty members of the University towards implementing academic integrity in Teaching and Research.



Training program on Turnitin Anti-Plagiarism Tool was organized by the University Library

Research

Golden Jubilee Forage Garden Established at RPCAU, Pusa

The Golden Jubilee Forage Garden having 48 types of fodder plants/crops components including annuals, perennials and forage trees has been established on completion of 50 years of the project ICAR-AICRP on Forage Crops and Utilization with support of ICAR. Hon'ble Vice-Chancellor along with Deans and Directors of the University visited the newly established Golden Jubilee Forage Garden at RPCAU, Pusa and appreciated the efforts.



Induced breeding and nursery rearing of *Puntius gonionotus* and *Mastacembelus aculeatus* done by COF, Dholi



Fig 2. 30 days old Fry of *Mastacembelus aculeatus*

Larval rearing of *Puntius gonionotus* and *Mastacembelus aculeatus* is a major bottleneck in mass scale production of these fish species. The induced breeding and nursery rearing of both the species were attempted in cemented tank and advanced fingerlings stages of desirable size was produced.



Fig 1. Advanced fingerlings of *Puntius gonionotus*

Production of Quality Planting Materials of Pointed Gourd



The Department of Horticulture, a unit of the PGCA, RPCAU, Pusa has attempted the production of quality planting materials of pointed gourd to meet the demand of the vegetable growers of the region. Around four-thousand-pointed gourd saplings of different varieties have been produced from the stem cuttings of the previous season grown crop and sold to Rs. 90,000/-.

Preparation of value-added products from Papaya and Pummelo

Value-addition to major fruits of the region like Papaya and Pummelo are being attempted by the Department of Horticulture, T.C.A., Dholi and preparation techniques of high valued products like papaya squash, papaya candy, pumelo squash, pumelo canbido, etc. is being standardized. Initial results are quite encouraging.





Inspection of Hybrid Paddy Seed Production Program

TCA, Dholi and ADR, RPCAU, Pusa along with the principal investigator and the scientists visited experimental plots of Hybrid Paddy Seed Production Program at TCA, Dholi on 29.09.2020.



Molecular Lab II of the Department of Plant Breeding and Genetics, PGCA was inaugurated by Hon'ble Vice Chancellor on the 17th September, 2020.

ICAR-AICRP Group Meetings

Scientists of **ICAR-AICRP on Vegetable Crops** and **ICAR-AICRP on Forage Crops and Utilization** virtually participated in their respective Annual Group Meetings.



Training Programme on 'Intellectual Property rights in Agriculture & Allied Sciences.'

A training programme was organised by the Centre of Excellence on Water Management under National Higher Education Project (NAHEP) on the 1st September, 2020. The event was inaugurated by the Hon'ble Vice-Chancellor, RPCAU Pusa. Prof. H. B. Singh of I.A.S., B.H.U., Varanasi was the key speaker of this training program. A total of 383 Teachers, Scientists, Students and personnel from the industry participated in the said training

programme.

Extension

Poshan Maah celebrated at KVKs

Poshan Maah was celebrated from 1st to 30th September, 2020 by the RPCAU Pusa under ICAR initiative-NARI (Nutri-sensitive Agri Research and Innovation) programme wherein series of training programmes were conducted in the all KVKs for capacity building and sensitizing Anganwadi workers and farm women on growing and maintenance of Kitchen and Nutrition Garden, Nutria-thali, and cultivation of Bio-fortified Vegetables to fight the issues of malnutrition and improving the rural health. During these training programmes, vegetable seed kits, vegetable seedlings and Papaya saplings were distributed to the farm women for establishing their own nutrition garden.



Zonal Research & Extension Advisory Committee Meeting (Rabi)

Zonal Research & Extension Advisory Committee Meeting (Rabi) for Zone-1 was organised by TCA, Dholi on 19th September, 2020. The Dean of TCA, Director of Reserch, Director of Extension Educaton, Director of Seed and Farms, Dean, PDDUCH&F, Piprakothi, Assoc. Director Reserch and scientists of the university, Heads & SMSs of different KVKs, Govt. Representative and progressive farmers of different districts of Zone-I of Bihar participated in the meeting.

Training program on utilization and benefit of farm machineries in vegitable cultivation

A three-day online training program successfully conducted on topic "सब्जी की खेती में उन्नत कृषि यंत्रों का उपयोग एवं उसके फ़ायदे" under University Funded Project "Design and development of double row manual vegetable trans planter for small land holds" from 28th -30th, September, 2020 in Department of Farm Machinery and Power Engineering, CAE. Twenty -six vegetable growers' farmers from different block of Muzaffarpur participated in this training program.

Integrated Nutrient Management training programme was organized by KVK Samastipur

A 15 days Integrated Nutrient Management training programme was organized by KVK Samastipur for fertilizer dealers wherein 40 fertilizer dealers participated from district Samastipur. Since, modern agriculture is facing with soil health issues due to indiscriminate use of fertilizers and chemicals and the fertilizer dealers are the key persons interacting

directly with farmers, their capacity building is of prime importance. During the course of discussion several researchable issues came out for further investigation and research.

Training programme under Gareeb Kalyan Rojgar Abhiyan



Garib Kalyan Rojgar Abhiyaan (GKRA) was initiated by the Government of India to tackle the impact of COVID-19 on migrant workers in India covering 116 districts in six states including Bihar. In this connection, training programmes were organized by the KVK Samastipur on vegetable production, vermicompost preparation, goats farming, Recirculatory Aquaculture System (RAS) and Preparation Energy Food for Children by KVK Muzaffarpur. More than 140 migrant labours were trained in these training programmes.

Live in Phone programme at Doordarshan

Senior Scientist and Head, KVK, Birauli participated in live-in-phone programme in Krishi Darshan, programme of Door Darshan, Patna on the topic “Green fodder production and vaccination of livestock”.



Celebration of 150th Birth Anniversary of Mahatama Gandhi

Krishi Vigyan Kendra, Muzaffarpur observed week-long celebration of 150th Birth Anniversary of Mahatama Gandhi from 27th September to 2nd October, 2020. Apart from several cultural events, one painting competition on the theme “Importance of tree plantation” and “Impact of plastic wastes on environment” were also organized for school going children as a part of celebration.

Awards, Sports and Other Activities

- Hindi Pakhwara was celebrated from 11th to 25th September, 2020 under the patronage of Dr. R.C. Srivastava, Hon’ble Vice-chancellor wherein faculties, staff and students of RPCAU participated. Several competitions were organized under different categories like Essay Writing for Hindi and Non-Hindi speaking students, Debate for Hindi and Non-Hindi speaking students, writing technical bulletins for scientists, General Knowledge for students, Painting for students and Note sheet writing for non-teaching staff. The participants were awarded with certificates and citations.
- A team of four students, Mr. Dasarathi Sahoo, Mr. Subham Sundar Tudu, Mr Shubham Gautre and Mr Shivam Bhadauriya, from the school of Agribusiness and Rural Management (SAB&RM) participated in the National Agri B-plan competition ‘The Next Seed’ organized by the Institute of Agribusiness Management, Bikaner on September 30, 2020. Out of the total 87 business plans (B-plans) that were received in the competition, the plan from the team representing SAB&RM was shortlisted as one of the 11 best B-plans.

