

Dr. Rajendra Prasad Central Agricultural University

Pusa, Samastipur, Bihar-848125



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

Vice-Chancellor's Message

It's a proud moment for the university that its innovative model of waste management popularly known as the 'Sukhet Model' of Madhubani district is getting wide electronic (Zee, DD etc.) and print media (National Edition of Indian Express, Hindustan, Dainik Jagaran etc.) coverage at national level. This model is getting popularity among farmers because of its unique exchange system of LPG cylinders in lieu of their wasteful garbage including cow dung's scientific management that not only address the issues of hygiene and smokeless cooking in villages but also works towards sanitization and self-sustained village development in line of Hon'ble Prime Minister of India's vision of "Aatma-Nirbhar Bharat".

I am happy to learn that online examination of all courses (UG, PG & PhD) of winter semester has been completed successfully with full support of students and teachers. The preparation of result is in progress and will be declared on time. The thesis submission for PG and PhD is also in progress and will be completed well within stipulated time. Further, it is great pleasure for us that, three PG diploma courses, namely Agri-warehouse management, Agri tourism management and Agri journalism and mass communication are being offered by our university from this academic session to create industry ready professionals. Good rainfall make us hopeful of good Kharif harvest but we need to closely monitor the infestation of diseases and insect pest. At last, I would like to remind Corona warriors and public at large in university to maintain Corona protocol as it has been only controlled and not ended.

Vice-Chancellor's Engagements:

- Chaired Research Council Meeting of RPCAU through virtual mode on 01.06.2021 and 02.06.2021
- Chaired a Web-Seminar as a panelist: webinar on World Milk Day on 01.06.2021.
- Participated in the meeting organized by Agriculture Department, Government of Bihar on the occasion of launching of "Kharif Mahabhiyan- 2021" on 02.06.2021.
- Chaired 6th Education Council Meeting of the university by virtual mode on 03.06.2021.
- Participated in NAAS Foundation Day Lecture 2021 on 04.06.2021.
- Participated in Webinar on "Management of Water logged/flood prone areas in Bihar" organized by RPCAU on the occasion of World Environment Day on 05.06.2021.
- Participated in the 14th meeting of the Bameti Governing Council on 08.06.2021.
- Chaired meeting with Dr. Pitam Chandra, Consultant, Agril. Skill Council of India and Dean, CAE through virtual mode regarding the Establishment of a Centre of Excellence for Farm mechanization on 14.06.2021.
- Chaired State Level E- Kisan Sammelan, KVK Vaishali and addressed the farmers on 15.06.2021.
- Contributed in an Interview with Zee News Channel regarding the university activities on 16.06.2021.
- Participated in the 6th Meeting of Project Management Committee of NAHEP through virtual mode on 17.06.2021.
- Inaugurated Oxygen Concentrator donated by North America Maithili Manch, USA through an alumnus of CAE Pusa at University Hospital, RPCAU on 17.06.2021.
- Participated in Executive Committee Meeting of Indian Agricultural University Association through virtual mode on 18.06.2021.
- Delivered a lecture on "Creating Rural Employment- Looking beyond Agriculture" in Online lecture series of Jananayak Chandrashekhar University, Ballia (UP) on 22.06.2021.
- Inaugurated Online Training programme on "Mushroom Production Technology" through video conferencing on 28.06.2021.
- Participated in Live Programme of Bihar Bihan at Doordarshan, Patna on 30.06.2021.



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Education & Educational Activities:

- The End-term examinations were successfully held in all the academic units of the University through virtual means from 15-June-2021 to 25-June-2021.
- CAE Pusa Alumni association organized 5th lecture of the alumni lecture series of CAE. Prof. Kriti Bardhan Gupta IIM –Lucknow, CAE alumni (batch -1986) delivered an insightful and aspiring lecture on "Agripreneurship and Agribusiness: Opportunities and Challenges" on 30th June 2021.
- Four students from B.Sc (Agri), three students from B.Tech (Agri Engg.), two students from M.Sc.(Agri.), four students from MBA(Agri-business) and one student from MBA(Rural Management) have been selected for the posts of Area Sales Manager and Agronomist with M/s/ Kissanpro Agro-technology Pvt. Ltd, Ranchi.
- M/s. Exemenia Organic Valley Pvt. Ltd, Maharashtra have selected 14 students from RPCAU, Pusa for the post of Business Development Associate.



Research:

➤ 10th Research Council Meet (Kharif) Organized

The 10th Research Council Meet (Kharif), that held on 18th to 20th May and 27th May, was continued and concluded on the 1st and 3rd June, 2021 in virtual mode. The Hon'ble Vice Chancellor graced the occasion. All the Deans, Directors and scientists of the university were present. All together 18 AICRPS, 17 externally funded projects, 21 University funded projects and nine new research projects were discussed. Five new varieties and ten technologies were also recommended for the farmers.

➤ Side Table prepared from Pigeon Pea Stalk at College of Agricultural Engineering

Dr. S.K. Patel, Associate Professor & HoD (FMPE), CAE has developed two types of side table made from pigeon pea stalks under the guidance of Dr. R.C. Srivastava, Hon'ble Vice-Chancellor, RPCAU, Pusa. The side table was presented to Hon'ble Vice-Chancellor in the presence of Dr. Ambrish Kumar, Dean, CAE. The product was well appreciated by Hon'ble Vice-Chancellor.

➤ Field-day Organized

A field day was organized on 11.06.2021 at TCA Dholi. Boro- 2021 hybrid parental lines seed production of DRRH-2, Raj-1 and Raj-3 along with different restorers lines received from Pusa and IIRR, Hyderabad were demonstrated. On this occasion, Director Research, and Dean TCA, Dholi were present along with the associated scientists.

➤ The associated scientists of ICAR-AICRP on Spices participated in the Review Meeting of AICRP on Spices centre on 24.06.2021 organized by Indian Institute of Spices Research, Calicut, Kerala on Virtual mode.



Extension Activities:

➤ "Sukhet Model" for agri-waste management gains national attraction



Agri-wastes, crop residues and household wastes create sanitary problems, health hazards and emission of potential global warming gases due to uncontrolled and unattended disposal and burning. Cow dung is generally used for making cakes for cooking purpose in the resource poor villages. For addressing these issues, Sukhet Model was propounded by Dr. Ramesh Chandra Srivastava, Vice-Chancellor of Dr. RPCAU Pusa in which all biodegradable wastes are collected by

deputed vendors and converted into vermicomposts. The farmers are, in return, provided LPG cylinders of approximately same cost generally once in 2 months. This model gives an immense opportunity for rural employment and at least 10-12 youths can be employed in one such unit. During the corona menace, this model proved to be a boon to migrated labours. The model has gathered national attention and being replicated at several locations.

Sukhet Model in National News



➤ Web-conference organized on World Environment Day at RPCAU, Pusa



A web conference was jointly organized by College of Basic Science & Humanities and Centre for Advance Studies on Climate (CASCC) RPCAU, Pusa on 5th June, 2021 on "Management of Waterlogged & Flood Prone Areas in Bihar" on the occasion of World Environment Day. The programme was inaugurated jointly by Dr. R.C. Srivastava, Vice-Chancellor of RPCAU Pusa, Mr. N. Sarvana Kumar, Secretary Agriculture, Government of Bihar and Dr. Alok Sikka, Country



Representative-India IWMI, Colombo. More than 200 participants, faculties and experts from all over India attended the webinar and provided their technical inputs. The closing ceremony was chaired by Dr. S. K. Chaudhari, Deputy Director General, Natural Resource Management, ICAR, New Delhi.

➤ **KVK Vaishali organized e-Kisan Sammelan on Climate Resilient Agriculture**

A virtual e-Kisan Sammelan was conducted by KVK, Vaishali on "Climate Resilient Agriculture Systems: Better options of sustainable Agriculture" on 15.06.2021 in which more than 700 farmers, scientists and students participated. The programme was chaired by Dr. R. C. Srivastava, Hon'ble Vice-Chancellor, RPCAU, Pusa. Dr. S.S. Singh, DEE of RLB CAU, Jhansi, Dr. R.K. Jat, BISA, Pusa, Dr. R.K. Jha, Project Director, CASC, Dr. Paras Nath, Principal, BPS college, Purnia, Dr. MS Kundu, DEE, RPCAU Pusa were among the experts delivering lectures.



➤ **World Milk Day celebrated at KVKs:**



World Milk Day was celebrated on 1st June 2021 by Directorate of Extension Education in collaboration with KVK Saran, Gopalganj and Samastipur. The programme was inaugurated by Dr. R.C. Srivastava, Vice-Chancellor, RPCAU Pusa and graced by Director, ATARI, Patna



and DEE, RPCAU Pusa. The day was celebrated by most of the KVKs in their premises with training, webinars, e-kisan goshti's and awareness programmes.

➤ **Farmer awareness campaign on "Balanced use of fertilizers" at KVKs**

Government of India has launched National Mission on Soil Health Card to evaluate fertility of soils across the country and to provide soil test based fertilizer recommendation to farmers to ensure balanced fertilization. Keeping it in view, virtual farmer awareness campaign and e-Kisan Gosthi programmes on "Balanced use of fertilizers" were organized in different KVKs of the university on 18.06.2021. The programme has been launched in a campaign mode to percolate the usefulness of balanced fertilization between the specialists, stakeholders and the farmers.



➤ **ARYA-FPO linkage: An innovative step towards entrepreneurship development**

Shri Radha Mohan Singh ji, Hon'ble MP, Motihari and former Union Minister of Agriculture and Farmers Welfare, Government of India provided Multipurpose Grinder Machines and other critical input to 7 different Farmers Producers Organization (FPOs) under ARYA project in KVK, Piprakothi on 08.06.202. For development of entrepreneurship in Goat production, the Senior Scientist & Head, KVK Piprakothi provided goats to the trainees of ARYA project as critical inputs.



➤ **Specialized Training Programmes at KVKs**

KVK Turki organized 3 days training programmes on "Adoption of direct sowing of rice (DSR) on 15-17th June, 2021 under CRA programme. The scope of short duration rice varieties like Rajendra Bhagwati and Sahbhagi for higher production in Bihar was emphasized to cope up the losses due flood. KVK Turki organized 3 days training on "Importance of nutri-garden for health benefit" for farmwomen on 17-19th June, 2021. KVK Saraiya organized trainings on "Assessment of preparation method of Litchi squash", "Economic impact of Agromet Advisory Services" and "Rice-Wheat Cropping System". KVK Bhagawanpur Hat, Siwan conducted trainings on DSR, rice-wheat seeder and weed management in Direct Seeded Rice.



➤ **Direct Seeded Rice CRA Programme reflected in Bihar news**

The Direct Seeded Rice sowing being conducted with Rice-Wheat Seeder in Marwan and Dwarikanathpur villages of Muzaffarpur was broadcasted by First Look Bihar news channel on 10th June 2021. Likewise, direct sowing of paddy (DSR) done under KVK-CSISA project on 11.06.2021 in village Barharwa Kalan of Block Kotwain was flashed in Bihar TV channels.



➤ **RPCAU starts Climate Smart Intervention in Patna District**

The team of scientists working under CSA Project visited 10 villages of Fatua and Daniawan blocks of Patna district and started climate smart interventions. Due to heavy downpour during past few days, the seedlings of rice were damaged and farmers were trying for some contingent measures. Such farmers were provided with short duration rice varieties for wet DSR, so that the crop could be harvested before first week of November to give space for timely sowing of wheat. They were also provided with ready to transplant seedlings as a measure to mitigate the losses due to seedling damage.



Awards, Sports, Important Days etc.

➤ **Eminent Water Resources Scientists Award**

Dr Ambrish Kumar, Dean, CAE received "Eminent Water Resources Scientists Award" for the year 2020 from Indian Water Resources Society (IWRS), WRDM, IIT, Roorkee in the International e-conference on "Water Source Sustainability" organized from 18th-20th June, 2021. IWRS conferred this award for his extensive experiences and significant contributions in developing technologies/concepts/methodologies of water management, HDPE embedded check dam and flexi-rubber dam for effective rainwater harvesting.



➤ **Dr S.P. Singh and team bagged the Best Oral Paper Presentation Award**

Dr. Shiveshwar Pratap Singh, Asstt. Prof., Soil Science was awarded the Best Oral Paper Presentation Award along with the team of scientists including Dr Shankar Jha, Dr Shiv Shankar Prasad, Dr Sudarshan Dutta, Dr Ratnesh Kumar Jha and Dr. Madhab Chandra Manna on "Temporal and spatial variability of nutrient contribution towards productivity of hybrid rice and maize through omission plot technique in calcareous soils" in the 2nd International and 5th National Conference on Conservation of Natural Resources & Environment organized by University of Mohaghegh Ardabili, Iran during 9-10 June, 2021.



➤ **The NSS Unit of the RPCAU, Pusa organized and celebrated 7th International Yoga Day on 21st June 2021. The event was joined by all the senior administrators of the University, teaching and non-teaching staff, and students. The Vice-Chancellor of the University highlighted the importance of ancient science of Yoga in our daily life.**



➤ **Dr. S. K. Jain, Professor (SWE), Dr. P.K. Jha, Professor (Pl. Path.), Dr. S. K. Patel, Assoc. Professor (FMPE) and Dr. P. K. Pranav, Assoc. Professor (FMPE) participated in the Annual Review Meeting (virtual) of NAHEP held during 2-3 June, 2021 under the chairmanship of National Director, NAHEP. Dr. S. K. Jain presented the progress report of the project.**



➤ **Dr. Shivendra Kumar, Assistant Professor, Department of Aquaculture delivered an invited lecture at Web conference on Management of Waterlogged and Flood Prone areas in Bihar on the occasion of World Environment Day. The theme of lecture was Aquaculture in water logged areas of Bihar.**



➤ **Dr. S. Nandani, Asstt. Prof., Plant Pathology, TCA, Dholi gave an invited lecture on "Seasonal Mushroom Cultivation- Need of the hour" at the 7 day's Summer School (14- 21, June, 2021) organised by G.D. Goenka University, Gurugram through virtual mode**

