

Dr. Rajendra Prasad Central Agricultural University

Pusa, Samastipur, Bihar-848125

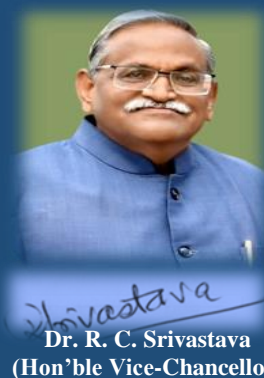


Vice-Chancellor Message

I am delighted to learn that 'Sukhet Model' developed by the University getting fast catch up at regional and national level after the Hon'ble Prime Minister of India mentioned it in his 80th episode of Man ki Baat. Recently it has been replicated by Sanskriti Nirmala village of Supaul district, witnessed its popularity at the grass root level.

The three days marathon Research Council Meeting (RCM) has made me happy to see the progress of different ongoing research projects funded by external/internal funding agencies, wherein three new varieties and five new technologies have been recommended for release. The newly formulated research projects presented in RCM by faculties were also quite good and expected to boost up the farmers income. The university fraternity and our degree recipient students are highly excited for 2nd convocation scheduled to be held on 7th November 2021, under the gracious presence of Hon'ble Vice President of India along with other dignitaries.

I congratulate all Gold Medalist and degree awardee for their accomplishment and wish them all the best for future endeavor.



Vice-Chancellor's Engagements

- Inaugurated Training and Field Day on sugar cane production processing and employment generation at SRI, Pusa on 04.10.2021.
- Participated in Rice Field Day celebration at Pusa on 04.10.2021.
- Chaired the Education Council Meeting on 05.10.2021.
- Inaugurated Field Day at TCA Dholi on 11.10.2021.
- Participated in MoU signing between Environmental Defence Fund of USA and RPCAU regarding extension activities on 11.10.2021.
- Participated in MoU signing Ceremony (For Commercialization of "Hand craned Improved Chakki") between RPCAU and M/S Kisan Agro, Biharsharif, Nalanda. Developed by CoE on Food Processing on 11.10.2021.
- Attended World Food Day Seminar/ Webinar on the theme "Our Actions are our Future". Better Production, Better Nutrition, A Better Environment and A Better Life" at Patna organized by Bihar State Productivity Council, Patna as Chief Guest on 16.10.2021.
- Chaired the Research Council Meeting of RPCAU on 18.10.2021 to 20.10.2021.
- Participated in the inaugural programme of NFDB sponsored Fresh Water giant prawn Hatchery at CoF, Dholi on 24.10.2021.
- Review meeting through video conference under the chairmanship of Chief Secretary, Bihar for pre-preparation of Honourable Vice President's visit to Bihar on 25.10.2021.
- Felicitated the students of RPCAU, who have received award certificate issued by Medha and IRMA jointly on 27.10.2021.
- Chaired the VIII Meeting of Academic Council of RPCAU on 28.10.2021.
- Chaired the 16th Meeting of Board of Management of RPCAU on 28.10.2021.
- Inaugurated the Bio-Waste Processing unit (Sukhet Model), operated by 'Bujurg Swayam Sahayata Samuh' at Vermi Compost Production Centre, Sanskrit Nirmali, Supaul on 29.10.2021.



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- The 8th Academic Council meeting held its meeting on 28-10-2021 and conferred the UG, PG and PhD degrees for the students passed out during 01-10-2018 to 15-09-2021 to whom degrees are to be awarded in 2nd convocation of RPCAU scheduled to be held on 7th November 2021 alongside the Gold Medals for the toppers.
- **Inter-College and Inter-University Elocution Competition**
The elocution competition for XV Agricultural Science Congress 2021 was organized by Directorate of Students' Welfare, RPCAU Pusa on 25th Oct and 27th Oct 2021 at the Panchatantra Hall. The topic of Elocution competition was "Optimization of energy for sustainable agriculture." Dr. S Roy Chowdhary, Dean CBSH, Dr. B Kumar, Scholar in Residence and Dr. Ranjan Laik were the esteemed judges. The winner of inter college elocution was Ms. Megha from CoF and runner-up was Ms. Aleena Antony from CoF, Dholi. The inter-university competition was held on 27th Oct, 2021 under the Chairmanship of Hon'ble Vice Chancellor as a zonal coordinator for Zone IV. Students from 12 universities participated in this event. The winner was Mr. Soham Shao from OUAT, Bhubneshwar, second position was bagged by Mr. Raunak Singh from BAU, Kanke, Ranchi, and the third and fourth position were bagged by RPCAU, Pusa. The first two winners got nominated for XV Agricultural Congress to be held from 13-16th Nov at BHU, Varanasi.
- **CAE Pusa Alumni Association Organized Lecture Series**
CAE Pusa Alumni association organized 9th lecture series of CAE Alumni, Er. Vikas Jha, Group Head – Trade & Supply chain, business, Emirates national bank of Dubai CAE batch 1996 on 29th October 2021. He delivered an insightful and aspiring lecture on "Growing demand and role for an agricultural engineer".



Research Activities

- **11th Research Council Meeting (Rabi) organized**
The 11th Research Council Meeting, Rabi-2021 of the University was held from 18th to 20th October, 2021 in the Vidyapati Sabhagar, Dr. Rajendra Prasad Central Agricultural University, Pusa. The three-days event was inaugurated by Hon'ble Vice Chancellor. Eminent Scientist's Dr. A. K. Sharma ex-Director, National Bureau of Agriculturally Important Microorganisms, Mau (UP) graced the occasion as invited scientific guest. Release of Books/Bulletins was done by the dignitaries. Presently, 82 university funded projects of worth Rs 4 crores, is running in the university. Seven externally funded project (two from IRRI, Mokama Ghat project, one from Helpage India, one from National Bee Board Project), 33 AICRP, 05 centers of excellence, 03 foreign aided projects, 01 DST project and 01 consultancy projects are operational in the University. During the event 11 new research proposals were presented in the house for approval. The proposal for release of three new varieties viz., 2 sugarcane (one early & one late variety) and pointed guard varieties along with five new technologies.
- **Crop cutting performed in Hybrid Seed Production Project**
Crop Cutting has been performed under "Farmers Participatory Hybrid Paddy Seed Production & Evaluation Programme" at TCA, Dholi farm on 29th October, 2021. The estimated yield of Hybrid Paddy RRH-1 and RRH-2 genotypes were found to be 27.16 and 25.00 quintals/ hectares, respectively at 12% moisture level. On this occasion, TCA, Dholi and Associate Director of Research were present along with other associated scientists, DAO, Muzaffarpur and farmers.
- **Technology Released in 11th Research Council Meeting** A hand tool for Okra harvesting was released by RPCAU, Pusa at the 11th Research Council Meeting. The technology was designed and developed at CAE, having specific features - ease of operation, minimum hand injuries and increasing the shelf life of the harvested Okra. Capacity and cost of the tool are 13.64 kg/h and Rs.200/- respectively.



- **Inauguration of Freshwater Giant Prawn Hatchery:** Dr. L. Murugan, Hon'ble Minister of State of Fisheries, Animal Husbandry and Dairying, Govt. of India inaugurated Freshwater Giant Prawn Hatchery at COF, Dholi through virtual mode on 24th October, 2021.
- **Dr. (Smt.) Suvarna Chandrappagari, IFS, Chief Executive, NFDB, Hyderabad** visited College of Fisheries, Dholi on 26th October, 2021 to review different ongoing projects of NFDB at COF, Dholi.
- **Sri Mukesh Sahani, Hon'ble Minister of Animal and Fisheries Resource Department, Govt. of Bihar** inaugurated NFDB Sponsored River Ranching Programme on 27th October 2021 at Ranighat, Patna. Two lakh fish seed were released in each of three rivers, The Ganga, Gandak and Budhi Gandak under River Ranching Programme.



Extension Activities

- **The KVK, Birauli, Samastipur** has emerged on potato seed production during Rabi 2020-21 to contribute in the endeavor of RPCAU, Pusa to meet the quality potato seed demand of farmers. The center has produced 105 q of quality seed of Kufri Mohan variety. To strengthening the linkage with KVKs of the university and institute, the seed are supplied to ICAR-KVK, Buxar (30 q), KVK, Gaya, BAU, Sabour (30 q), KVK, Piprakothi, RPCAU, Pusa (10 q), KVK, Madhepura, BAU, Sabour (24 q). The seed supplied are mainly utilized under CRA programme, seed production programme and FLDs by the KVKs.



- **The 14th Scientific Advisory Committee (SAC) meeting** for the year 2020-21 has been conducted on 22.10.2021 presided by Dr. M.S. Kundu, Director, Extension Education, RPCAU, Pusa. The mandatory progress report was presented and action plan for the



year 2021-22 has been finalized with due deliberation. The meeting had been participated by Dy. Director, Extension Education.

- **One day training programme on Soil Health Management** was organised at TCA, Dholi on 21.10.2021 in association with 40 farmers from PRAYATNA, NGO, Muzaffarpur. The training was inaugurated by Dean, TCA, Dholi.



- **Integrated Nutrient Management Training to Fertilizer Dealers:** As envisaged by Govt. of India, KVK, Birauli has organized 15 days residential training programme for fertilizer dealers of Samastipur district, during 16.10.2021 to 30.10.2021.

- **Krishi Vigyan Kendra, Parsauni** got inaugurated the Establishment of

Nutrition garden at Mahatma Gandhi Central University, Motihari at Main campus under the technical guidance of KVK, Parsauni, East Champaran-II by Hon'ble Vice Chancellor Prof. Sanjeev Kumar Sharma of the MG Central University in the presence of senior officers of the University and Senior Scientist and Head, KVK, Parsauni, East Champaran-II.



- **Krishi Vigyan Kendra, Turki** organized Mahila Kisan Diwas programmes under Azadi Ka Amrit Mahotsav on 15.10.2021 at KVK Turki. In this programmes Chairman Dr. A.K. Singh Dean, TCA, Dholi, had detailed discussion on role of farm women Indian agriculture. In this programme vegetable seed distribution to farmwomen for nutri-garden for health and balanced diet was done. In these events 43 farmwomen participated.



- **Krishi Vigyan Kendra, Turki** organized World Food Day programmes under Azadi Ka Amrit Mahotsav on 16.10.2021 at KVK Turki under the Chairmanship of Dr. A.K. Singh Dean, TCA, Dholi. Detailed discussion were held on food security for children and growing bio-fortified variety and major role of millet in our food, seasonal vegetable, and pulses. In this programme 57 farmers and farmwomen participated.

- **Skill development training programme on "Farm machinery Services and Maintenance Technician"**



Valedictory function of the 26-day training program on "Services and Maintenance Technician –Farm Machinery" was organised on 25th October, 2021 in the presence of Dr Ambrish Kumar, Dean, CAE, Dr. S. K. Patel, HOD, FMPE, District Agriculture Officer, Samastipur, Faculties and staff of Department of Farm Machinery and Power Engineering, CAE. Nine such Training programs



have been awarded to the college by the Bihar government, aiming to gear up farm mechanization in Bihar. Field demonstration of Super seeder was conducted on 31st October, 2021 by Dr. S. K. Patel, HoD, FMPE. Super seeder is a combination of rotary tiller and planter with press wheels, useful for removing stubble and roots of paddy, sugarcane, cotton, banana, maize *etc.*

- **Krishi Vigyan Kendra, Turki** organized **Kisan Chaupal cum training** on 25.10.2021 at Sakra block Rabi crop production technology in Chairmanship of Project Director ATMA, Muzaffarpur and Panchayat Mukhiya Sh. Ramanand Prasad Sakra block. In this event 233 farmers and farm women participated. Sr. Scientist and KVK Turki delivered lecture on organic farming practices under climate resilient programmes.



- **Krishi Vigyan Kendra, Saran** conducted **On Farm Testing (OFT)** on Horticulture entitled Regulation of bearing potential in litchi (*Litchichinensis*) through girdling of primary branches in Saran district of Bihar started in 7 location in Saran district.

- **Krishi Vigya Kendra, Narkatiaganj** demonstrated innovative Sugarcane settling transplanting technique (STT) for improved high yielding varieties. Single bud settling transplanting, spaced transplanting (STP) and polybag nursery are some of the options available for reducing the seed requirement in sugarcane crop. KVK organized a training and method demonstration program on sugarcane STT. In this event 30 farmers participated were provided with about 40000 seedlings (Rajendra ganna-1) developed by KVK for quality seed production.



- **Krishi Vigyan Kendra, Bhagwanpur Hat, Siwan** organized "Mahila Kisan Diwas" on 15.10.2021 at KVK, Campus. About 52 participants were present. Dr. A. R. Kumari (Senior Scientist and Head) and Sri Mohan Murari, CEO, Farmer Face addressed the women farmers.

Awards, Sports & Other Activities

- **Dr. M.L. Meena Sr. Scientist & Head KVK, Turki** received ISEE Fellow Award 2021 during ISEE National Seminar 4-6th Oct. 2021 at BHU Varanasi. This award given by Dr. A.K. Singh DDG (Agricultural Extension), ICAR, Krishi Bhawan, New Delhi in presence of Dr. U.S. Gautam, VC Banda Agriculture University, Dr. V. Sukla VC BHU and Hon'able Minister of Agriculture Govt. of Uttar Pradesh.



- **Dr. Vinay Kumar Sharma, Professor and Head,** Department of Agricultural Biotechnology & Molecular Biology received ESDA Fellowship Award-2021 for his outstanding contribution in Plant Genetics, Plant Breeding and Plant Genomics. The award was conferred by the Environment and Social Development Association at the 2nd World Environment Summit – 2021, organized from 1st to 3rd October, 2021 at the India International Centre, New Delhi.