



Vice-Chancellor's Message

The university extend warm welcomes to newly appointed faculty members and congratulates the new admitted students in the campus of RPCAU which has been pioneer in agricultural research and education and is the birth place of organized agricultural research in India. I am highly delighted to know that altogether 53 students of various department of RPCAU qualified different national level examinations and pretty confident that conducive teaching learning environment of this university will ensure the holistic development of this university students and nurture them a good citizen of India. We have made neat and clean stay arrangements in the hostel for the students who came back after Covid-19 pandemic for their research work.

I am happy to learn that Rabi crops have been sown in large area and expected to produce good yield. I am sure the farmers would reap the benefits of good yield in replacing/ improving their seed/planting materials and thereby will enhanced their farm income. As usual this university is ready to educate and guide the farmers at every step for their better management of resources and sustained development.

At the end I wish the safe stay of our students, faculties and everyone staying in the university campus.



Vice-Chancellor's Engagements:

- Attended the Meeting of Nodal Officers of AUs and ICAR Institutes for Performance Evaluation of Schemes by Zoom Meeting on 02.11.2020.
- Chaired State level Workshop for Rabi Crops in the Conference Hall, Admin. Block, RPCAU, Pusa on 10.11.2020.
- Attended the Executive Committee Meeting of IAUA, as Secretary General through Video Conferencing on 10.11.2020.
- Chaired Meeting of KRITAGYA- A National level Agtech Hackathon "Promoting Innovation in Farm Mechanization for East Zone" finalist on 11.11.2020
- Chaired the closing ceremony of training of gardener (Mali) on 12.11.2020.
- Inaugurated River front Café in the bank of Budi Gandak (dhab), Pusa in distinguished presence of District Magistrate of Samastipur on 16.11.2020.
- Inaugurated Panchtantra Sabha Kaksha in the Sanchar Kendra Building on 17.11.2020.
- Inaugurated National Webinar on "Management of Root Rot Disease of Horticultural Crops" on 24.11.2020.
- Inaugurated International Webinar on "Impact of Water Stress on Crop Productivity: its Mitigation and Adaptation Strategies" on 24.11.2020.
- Participated in the Constitution Day Celebrations organized by ICAR, New Delhi on 26.11.2020.
- Inaugurated the opening of "Indian Society of Agricultural Engineers, Bihar Chapter" through video conferencing on 26.11.2020.
- Participated in the Meeting of ICAR Regional Committee No. IV through video conferencing on 27.11.2020.
- Participated in the meeting of Vice-Chancellors and Statutory officers of RPCAU for third party evaluation of Agricultural Education Scheme on 28.11.2020.

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Chief Patron:

Dr. R. C. Srivastava
Vice-Chancellor

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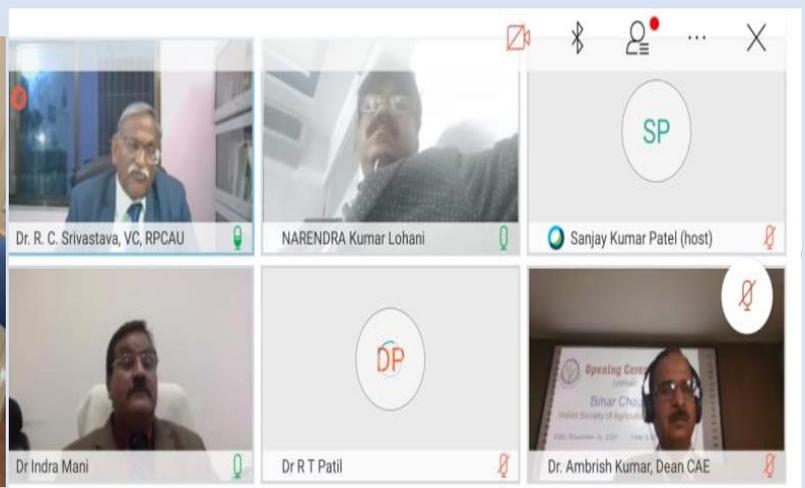
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Education and Educational Activities:

- All together 53 students of various department of RPCAU qualified different national level examinations viz. 34 SRF, 15 JRF, 04 UGC/CSIR/DBT NET and brought laurels to the university.
- Admission to Various PG and Ph.D. programmes through ICAR First round of Counselling has been conducted successfully in the month of November 2020. Counselling for the next rounds is still in progress.
- Nineteen UG Students from TCA, Dholi got admitted in PG programme in different agricultural university all over the country through ICAR (NTA) Entrance including three students who cleared JRF.
- 34th foundation day of College of Fisheries, Dholi was celebrated on 5th November, 2020 in the presence of Hon'ble Vice-Chancellor Dr. R. C. Srivastava, Registrar Dr. P. P. Srivastava and all other Deans & Directors of the University. Hon'ble Vice-Chancellor inaugurated two newly constructed conference rooms named after two stalwarts of fisheries **Dr. P.V. Dehadrai** and **Dr. V. G. Jhingran**. He also inaugurated one PG smart class room with smart podium facility for 40 students. Dr. P. P. Srivastava, Registrar, RPCAU highlighted the scope of integrated fish farming, especially with Rice and vegetables in Bihar.



- B.F.Sc. 7th semester students are undergoing in RAWE (Rural Agricultural Work Experience) programme in different KVKs of different states *w.e.f.* 2nd November- 30th December.

- Bihar Chapter of Indian Society of Agricultural Engineers (ISAE) was inaugurated on 26th November 2020 *via* virtual platform at College of Agricultural Engineering, RPCAU Pusa. Dr. R. C. Srivastava Hon'ble Vice Chancellor, RPCAU chaired the inaugural function and shared his views with all the



members of ISAE executive committee. He affirmed that Bihar chapter would certainly facilitate in government policies related to Agricultural engineering sector, particularly in farm mechanization, flood control measures, food processing and marketing in the north-east states. Dr. Gajendra Singh, Patron of ISAE executive council, Dr. Indra Mani President executive council, ISAE, Dr. Manoj Khanna General secretary, ISAE, Dr. Sayed, Dr R.T. Patil and all EC members along with Er. Narendra Lohani, OSD to Agriculture Minister, Bihar, Er. J.P. Narayan, Joint director and nodal officer, Government of Bihar were also present on this historic day.

Research:

- **New initiative: Crop Cafeteria at TCA, Dholi**
Department of Agronomy, TCA, Dholi has taken a noble initiative to establish a Crop Cafeteria at Dholi campus. Altogether 19 varieties of different crops namely Wheat, Barley, Oats, Maize, Linseed, Rajma, Indian Mustard, Sunflower, Pea, Lentil, Chickpea and Spices have been sown. The Cafeteria is very useful for live demonstration to students, farmers as well as field level extension workers.
- **Mali Training Programme**
Valedictory function of the NHM sponsored six-months Mali training programme was organized by the Department of Horticulture, PG College of Agriculture on



12th November, 2020. The event was chaired by the Hon'ble Vice-Chancellor in presence of other key officials. Garden tool-kit, training manual and course completion certificate were provided to the qualified trainees.



➤ **DBT Sponsored Biotech Kissan Hub Project Lunched**

Biotech KISAN Hub project under DBT, Govt. of India, has been launched in collaboration with RPCAU, Pusa targeting empowerment of the marginal farmers in three Aspirational Districts, viz., Muzaffarpur, Sitamarhi and Begusarai. Under this programme, three Demonstration Unit for growing High Value Horticultural Crops have been established at each KVKs. The launching cum seed distribution and training programme has been successfully organized. Seeds and planting material of high value vegetables (capsicum, broccoli, french bean, cauliflower, garden pea, tomato, chilli, and pointed gourd), spices (fenugreek, coriander and nigella) and fruits (banana) were distributed.



➤ **Under ICARDA programme, AICRP MULLaRP distributed two varieties of Bio fortified lentil namely L 4717(Pusa Ageti) and L 4727 IARF-seed among 50 farmers of Bihar.**

➤ **Webinar on Management of Root-rot Disease in Horticultural Crops**

An international webinar was organized by the Department of Plant Pathology, PGCA in collaboration with the ICAR-AICRP on Fruits and NAHEP on the 24th Nov. 2020. The event was inaugurated by Hon'ble Vice-Chancellor. The renowned speakers shared their expertise with the audience, in which more than 1000 participants across the states and countries participated in the webinar.



➤ **Webinar on Impact of Water Stress on Crop Productivity: Its Mitigation and Adaptation Strategies**

This webinar was organized by Centre of Excellence on Water Management in collaboration with NAHEP from 24.11.2020 to 26.11.2020. The event was inaugurated by Hon'ble Vice-Chancellor. The renowned speakers and audiences across the states and countries shared their expertise and experiences on climate change effects on crop productivity. Speakers expressed their views on unpredictable frequencies of monsoon and its severity in crop loss due to climate change, water stress, its occurrence and present scenario across the globe under climate change, ABA signaling in water deficit stress and its prospects for enhancing water use efficiency and stress tolerance, etc. More than 200 participants across the states and countries participated.



Extension Activities:

Zero Tillage Seed Production Programme

Under Climate Resilient Agriculture programme Zero tillage/line sowing of wheat (Var. HD 2967) was carried out at different villages viz. Bishunpura, Sipaya, Khemmatihiniya, Tiwarimatihiniya and Baraipatti. As part of demonstration for farmers, Happy seeding of wheat was carried out at farmers field under seed production programme.



➤ **Mushroom Training Programme organized**

A five days training programme on Mushroom production, Goat

Production was organized at KVK, Sipaya and Karnapura villages to train and educate the farmers in the said areas for enhancing their farm income.

➤ **Participation in Farm Machine bank program initiated by Escorts**

Dr. Ambrish Kumar, Dean CAE, RPCAU participated and delivered talk on challenges and opportunities of Farm Mechanization in Bihar, organized by Escorts, Farm Trac, Faridabad, Haryana on 4th November, 2020. On this occasion he delivered a talk on "Benefits of implements bank in agricultural mechanization". He informed the house about



Implements bank as the Custom Hiring Centre working in 12 districts of Bihar for facilitating farmers advance machines/implements like super seeder, reaper -cum-binder, potato digger, potato planter, laser leveler etc. available at

each center. He thanks the Escorts group for this initiation and suggested other corporate sectors in farm machinery and farmers must take advantage of such collaborative initiatives services.



- KVK Piprakothi has provided boom sprayer to the farmers of the area on the rent basis from its Farm Implement Bank for spraying of herbicides before sowing of wheat with zero tillage technique at farmer field in village Barharwa Kothi.



➤ Hon'ble Vice-Chancellor inaugurated the renovated lecture hall known as "Panchtantra Sabhagar" at Sanchar Kendra of the RPCAU for different extension related activities and trainings.

- Hon'ble Vice Chancellor and senior officials of RPCAU visited KVK Parshani, East Champaran on 25th November 2020 for overview of different extension activities being carried out at the center. Farmers from nearby villages of the center have also visited KVK Parsauni to get the knowledge on the cultivation and production of high value vegetables under Polly house controlled environmental conditions.

➤ **Crop Residue and household waste management started in KVK Sukhet under CRA Programme**

Household wastes and dung's from domestic animals becomes a sanitary and health hazards for rural peoples and poses a major challenge both in urban and rural areas. Apart from that crop residue like rice stubbles burning by farmers for sowing succeeding crop in time is another cause of climatic change. For addressing these challenges, a crop residue management unit is being established in KVK Sukhet where all the households residues, cow dung and other agricultural crop residues will be collected and converted into Vermicompost.



➤ **Assured irrigation enhanced Climate Resilience in rice-wheat cropping system**

Rice-Wheat cropping system is the most popular cropping system of the whole of the northern plains. But due to unpredictable monsoon this system has become very fragile and induces late sowing of wheat during rabi season which in turn is affected by hot westerly wind during its flowering and milking stages. This way both wheat and rice crop get stressed either due to unpredictable monsoon or terminal heat. To address these issues a 3 HP single phase tube well is installed under community irrigation system providing assured irrigation to the rice crop so the farmers could be able to transplant/sow the crop by the end of May and harvest by 30th October thereby vacating the field for timely sowing of wheat. This technology was demonstrated in 255 acres in farmer's fields of the adopted villages of 17 KVKs of the RPCAU, Pusa.



Awards, Sports, Cultural and other Activities:



- RPCAU celebrated 26th November as the 'Constitution Day of India' (Samvidhan Divas). On this occasion the Preamble to the Constitution of India was recited by students and Staff of RPCAU, Pusa. On this day of 1949, the Constituent Assembly adopted the Constitution of India, and it came into effect on January 26, 1950.



- University Library, RPCAU has been awarded with this year's prestigious award 'Best Profile Registration Award of J-Gate @CeRA in the Eastern Region' by the ICAR and INFORMATICS India.
- Dr. Tanushri Ghorai, Assistant Professor, COF, Dholi delivered invited lecture in National Seminar on "Recent Advances in Fisheries Sector" organized by The Neotia University, South 24-Parganas, West Bengal, on the occasion of World Fisheries Day celebrated on 21st November 2020.
- Dr. H. S. Mogalekar, Assistant Professor, COF, Dholi attended 69th IIRS Outreach Programme, GIS Applications organized during 2nd to 20th November, 2020 by All India Agricultural Student Association (AIASA) and received certificate of appreciation in Online Essay Writing Competition-2020.

**J-Gate@CeRA
Regional Award
Announcements 2020**

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**Best Profile Registration Award for
Eastern Region by ICAR & INFORMATICS**

**Dr. Rajendra Prasad Central
Agricultural University,
Pusa, Samastipur-Bihar.**