

**Dr. Rajendra Prasad Central Agricultural University****Pusa, Samastipur, Bihar-848125****Vice-Chancellor's Message**

Dear users,

I feel to share my views on "Cleanliness" when we are celebrating our 75th years of Azadi Ka Amrit Mahotsav and Independence Day in month of August 2022. As you know "Cleanliness" is next to Godliness" is a wise saying that refers to the importance of cleanliness in a person's life. It implies that as much as we devotedly pursue religion, likewise, we need to opt for cleanliness also. This will install a sense of cleanliness of body, mind and soul and encourage everyone to inculcate clean habits and hygiene with the same devotion & commitment as towards god. A clean mind and body are what god desires and society respects. The purity of thoughts automatically translates our efforts to make and maintain cleanliness in whatever we do or pursue to do.

In our context, it implies not only to cleaning of our physical surroundings, working places, equipments and laboratories but also the transparency and purity of our thoughts and action in every sphere of our activities be it administration, academics, research or extension. It will be our contribution in realizing the goal of "Swachh Bharat Mission" set by our Hon'ble Prime Minister and an apt tribute to our father of nation Mahatma Gandhi Ji-an staunch practitioner of cleanliness. It's my firm belief that if we adopt and practice this principle and align them to work in unison we will make this university a most happening place for academic and research excellence.

My best wishes and congratulations for the Independence Day.

Jay Hind**Dr. Krishna Kumar**
Hon'ble Vice-Chancellor**Volume-3, Issue-09**
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Dr. Krishna Kumar
Vice-Chancellor

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www.rpcau.ac.in**Dr. R.P.C.A.U., Pusa****Vice-Chancellor's Engagements**

- Participated in the 29th Annual Group Meeting of AICRP on Rapeseed-Mustard at Sri Karan Narendra Agriculture University, Jobner on 01.08.2022
- Chaired the meeting of Board of Management of RPCAU, Pusa
- Chaired the Valedictory function of Mushroom Training Programme in the Panchtantra, RPCAU, Pusa on 05.08.2022.
- Participated in the Inaugural function of 5th Annual Zonal Workshop for KVKs under ICAR-ATARI, Zone-IV, Patna at Rajgir on 06.08.2022.
- Chaired the meeting on "Plant Protection Measures in Pulses crop" at ICAR-ATARI, Kanpur on 08.08.2022.
- Participated in the Meeting of VCs of Agricultural Universities on Course Curricula Development on Natural Farming through virtual mode on 10.08.2022.
- Participated in Prabhat Pheri (Tiranga Yatra) Pusa, under Har Ghar Tiranga program. (Administrative building to Saidpur bridge and back) on dated 12.08.2022
- Participated in Prabhat Pheri (Tiranga Yatra) Motihari, under Har Ghar Tiranga program, (Town Hall to Bapudham Motihari Railway Station) on dated 13.08.2022
- Inaugurated the photo exhibition cum awareness campaign program on Azadi Ka Amrit Mahotsav organized by Central Bureau of Communications, Ministry of Information and Broadcasting, Government of India Darbhanga at Vidyapati Auditorium on 13.08.2022



- ➔ Inaugurated Regional Sports meet at Kendriya Vidyalaya, Pusa on 13-08-2022.
- ➔ Flag hoisting and address on the occasion of Independence Day celebration on dated 15.08.2022
- ➔ Cultural evening on the theme "Har Ghar Tiranga" by the students of the University and the artists of the Ministry of Information and Broadcasting and presided over the prize distribution function of the photo exhibition on dated 15.08.2022
- ➔ Participated in the Lecture on the topic "Water Productivity enhancement for food & Nutritional Security and livelihood options" delivered by Dr. H. P. Singh, Former DDG (Hort.) & Former VC of RAU, Pusa on 16.08.2022.
- ➔ Presided over an awareness rally for the eradication campaign of carrot grass (Parthenium) by the Department of Agronomy, Dr. RPCAU, Pusa in the university campus on dated 20.08.2022
- ➔ Participated as the chief guest in the inauguration of the certificate distribution ceremony of the trainees from the Central Silk Production Research and Training Institute organized by Jagriti Kala Kendra, Lalganj District- Vaishali on dated 21.08.2022.
- ➔ Inaugurated Training Programme on "Mushroom Production and Processing" in Panchtantra Hall, RPCAU, Pusa on 22.08.2022
- ➔ Chaired Senior Officer Committee meeting of RPCAU, Pusa on 22-08-2022
- ➔ Inaugurated One day "Awareness Programme for Entrepreneurs" at KVK, Jale, Darbhanga on 23.08.2022
- ➔ Participated in the National symposium on "Food, Nutrition and Environmental Security: Towards Achieving SDGs" organized by Trust for Advancement of Agricultural Science (TAAS) at New Delhi on 29.08.2022.
- ➔ Inaugurated the meeting of Town Official Language Implementation Committee (NARAKAS), Samastipur in Panchatantra Auditorium on dated 31.08.2022



Education and Educational Activities

➔ Golden Alumni Association Meet during 4-5 November 2022

Dr RPCAU, Pusa is going to organize an Alumni Meet during 4-5 November 2022 at its Pusa campus in Bihar. All the alumni (old students) from the main and affiliated campus are invited to join the alumni meet. Details regarding the Meet have been released & published in form of an information brochure at University Website. Registration link is provided here- <http://forms.gle/qNgZ1Dx8VEL4VhpP6>.

➔ CRA Functionaries attended "Smart Farm Plus"

IMPORTANT DETAILS OF PROGRAMME

Venue : RPCAU, Pusa, Samastipur
Expected Participants : 500 Alumni
Registration Fees : Rs 5000/-

Bank Details:

Bank Name : Punjab National Bank
Account No. : 4512900180129674
A/C Holder Name : RPCAU Alumni Association
IFSC : PUNB0451200
Branch : PNB, RPCAU, Samastipur
Bihar (India)

START DATE OF REGISTRATION

8th August, 2022

END DATE OF REGISTRATION

30th September, 2022

Information Brochure GOLDEN ALUMNI ASSOCIATION MEET 4th to 5th November, 2022 (RAU, Pusa/Dr. RPCAU, Pusa)



Registration Fees :

Rs. 5000/- per alumnus/alumna
Rs. 1000/- per accompanying person

Registration Form Link: <http://forms.gle/qNgZ1Dx8VEL4VhpP6>



Training Programme of two days during 8-9 August 2022 at BISA (Borlaug Institute of South Asia), Pusa, Samastipur. Organized under Climate Resilient Agriculture Programme, "Smart Farm Plus" is a mobile application required for smooth functioning of CRA Programme for tracing out farmers' data base. Twenty-two project staffs (RAs, SRFs & TOs) of CRA Programme participated in the training programme.

- **The NSS Unit of the College of Fisheries, Dholi, (RPCAU) organized** Prabhat Pheri as well as Swachhta Pakhwara from August 02 - 16, 2022 as a part of Azadi Ka Amrit Mahotsav to commemorate the glorious 75 years of Independence of India. The teaching faculty, non-teaching staff, and students undertook activities to clean the college's hostel, campus, and other infrastructure.



- **Study Tour-cum Practical exposure visits by different colleges of RPCAU, Pusa**



- **CAET:** A total of 40 students of B. Tech. (Agril. Engg.) and M. Tech and Ph.D (Processing and Food Engg) led by the Scientists, PFE, CAET, Pusa visited Dr. Rajendra Prasad Dugdh Utpadak Sahkari Sangh Ltd. (Sudha Dairy) Barauni on 24-08-2022 under Practical exposure cum study tour where they observed the milk processing plant, product development unit and integrated farming unit of the Sudha dairy. The students were addressed by Mr Sunil Ranjan Mishra, MD., Sudha dairy about the developments made in the dairy industry.
- **CoF:** Ph.D. (2nd Sem.), M.F.Sc. (2nd Sem.) and Certificate course students visited fish market, Chaur, Maun, Biofloc unit, Cage culture unit and District Fisheries Officer (DFO) office at District Khagaria, Bihar on organized on 8th August 2022 while B.F.Sc. (2nd Sem.) students had a visit to Dr. Naseem's Modern Hatchery & Research Farm, Fish cold storage, Hatchery unit and Jagatpur lake at district Bhagalpur & Banka on 20th August 2022. All the faculty of CoF, Dholi accompanied the students.



- **Post graduate diploma students 100% placement**

All the students of 1st batch-'PG Diploma course in Agri-Warehouse Management' got 100% placement in private firms. The students were placed in leading companies of Agri-warehouse sector - NCML, Arya, Synjenta, Go Green, Samunnati, etc and two students started their FPO 'Agriteria Farmers Producers Company' at Samastipur. It reflects the success rate of this course run by the university and led by Dr Ambrish Kumar, Dean CAET and Dr. Vishal Kumar, Course coordinator.

- **CoF, Dholi organized examination** for the Award of Best Fisheries Graduates of India (BFGI) of Professional Fisheries Graduates Forum (PFGF) for the year 2022. Total 27 final year B.F.Sc. students participated in this examination.



- **Ms. Tanishka Choudhary, B.F.Sc. student** (batch: 2020-2024) won first prize in the University level poster competition organized on the occasion of 75th Independence at RPCAU, Pusa.

Research Activities

→ Participation in the Annual Group Meeting of Rapeseed & Mustard

Scientists associated with ICAR-AICRP on Rapeseed & Mustard, TCA, Dholi participated in 29th AGM-Rapeseed & Mustard Workers held at SKNAU, Jobner, Rajasthan from 1st to 3rd August, 2022. Hon'ble VC, RPCAU, Pusa graced the event as Guest of Honour. Dr. Anil Pandey, Prof-cum-Chief Scientist was felicitated for his commendable research work in Rapeseed & Mustard.



→ Monitoring of Research Project by Director, Research-

The on-going university funded rice project was monitored by Director, Research along with ADR-II running at TCA, Dholi campus on 29th August 2022. During the visit Dean TCA, Dholi, Director, Seed & Farm and all the concerned scientists were present.



→ **Training on Beekeeping was Organized-** Six days self-finance training on "Beekeeping" was organized by the Beekeeping centre, Deptt. of Entomology, PGCA, RPCAU, Pusa from 22-27 August, 2022 at Apiary. Dean (PGCA) chaired the event. Altogether, 40 participants from different districts of Bihar and UP participated.

→ New Project proposal presented in DST

A project proposal was presented by Dean, CAET along with the researchers team entitled as "Demand driven technology enabled centers for precision agriculture farming" for funding from Department of Science and Technology (DST), MoST, New Delhi under DST Program: Technology Enabling Centers in University System on 25th August, 2022 at Chitkara University, Chandigarh.



→ Mechanization training

Two, 26-day capacity building programs for "Farm Machinery Services and Maintenance Technicians" organized under the Skill Development Program of the Government of Bihar were inaugurated in the FMPE Department, CAET on 16th and 19th August 2022 respectively. Fifty participants from Begusarai and Vaishali districts participated in both the programmes. Tool kit and certificates were distributed to each trainee. The aim of this training program was to create a service provider for the repair and maintenance of agricultural machineries and implements.



➔ Visit of Jt. Director mechanization

Er. J.P. Narayan, Jt. Director Mechanization, Department of Agriculture, Govt. of Bihar visited CAET to review the progress of Farm Machinery Testing Centre and ongoing training program on "Services and Maintenance Technician-Farm Machinery".

Publications of the month

S No.	Name of the author(s)/ College	Title of the Research paper	Name of the Journal/ Book
1.	Abhishek Raj (PDUCH&F)	Hydrogeochemistry and groundwater quality assessment in Ambagarh Chowki, Chhattisgarh, India	Environmental Monitoring and Assessment" Springer (Impact factor- 3.30)
2.	Abhishek Raj (PDUCH&F)	Forest for soil, food, and climate Asia" and Urban Greening towards Sustainable Development and Sustainability	Biodiversity, Conservation and Sustainability in Asia, Vol. 2; South and Middle Asia by M. Öztürk, Khan, S.M., Altay, V., Efe, R., Egamberdieva, D. and Khassanov, F.O. (Eds.).
3.	CoF, Dholi	Effect of HUFA and vitamin C-enriched live food, Infusoria on growth and survival of Clarias Magur (Hamilton, 1822) larvae	Aquaculture Research

Extension Activities

➔ KVK, Begusarai

- **Celebrated its foundation day** on 1st August, 2022 to commemorate the establishment of KVK on 30th August, 1992. A National Seminar on 'Role of Climate Resilient Agricultural Technologies in Mitigating the Impact of Delayed Monsoon' inaugurated with a formal welcome address by Dir. Ext. Edu., Dr. M.S. Kundu, & keynote address by chief guest Director, Research Dr. P.S. Brahmanand was also organized by KVK, Begusarai and Directorate of Ext. Edu. under the sponsorship of CRA Programme. More than 150 farmers from different villages of Begusarai district, representatives from FPO's and State Agril. Deptt. participated in the Seminar.
- **Organized 'Field Day on Organic Papaya'** in the Papaya orchard of a progressive farmer Sri Mahto ji at vill- Musahari. Dr. Ram Pal, Sr. Scientist and Head, KVK, Begusarai explained in detail about the cultivation of organic papaya on the occasion. Many guests including I/c, P.S.- Khodawandpur, CDPO, Khodawandpur, SMS (Horticulture), Village Heads of Saagi & Doulatpur along with many progressive farmers were present.





- **Organized a three-day off-campus RY training** programme led by SMS (Plant Protection) and SMS (Crop Production) on oyster mushroom cultivation and IFS, respectively at the Distt. Jail in Sheohar. Prisoners were imparted training on the mentioned topics to improve their standard of living and re-integrate themselves into the society.
- **Organized Kisan Goshthi(s)** - (1) on 22 August 2022 in the vill- Harnahi (east), Sheohar, in conjunction with the Parthenium awareness initiative. Forty five farmers participated in the programme and made aware of the hazardous effects of Parthenium. (2) On 18 August, 2022, another Kisan Goshthi in Sunderpur Kahrauna. KVK's scientific staff along with DM, Sheohar, and officials from Krishi Vibhag, Sheohar, participated in the event and worked out the solutions to many of the farmers problems.
- **KVK, Narkatiaganj**
- **Organized 4th Scientific Advisory committee (SAC) meeting** under the chairmanship of Dr. P. P. Srivastava, Dean, CoF, Dholi and representative of Hon'ble VC, RPCAU, Pusa. The programme was graced by Dr. M. S. Kundu, DEE as distinguished guest. The dignitaries provided valuable suggestions for finalization of action plan for the year 2022-23. Dr. R. P. Singh, Head, KVK Narkatiaganj presented the proceedings and action taken for the third SAC meeting and progress report for the year 2021-22.
- **Conducted e-Kisan Chaupal** on 4 August 2022 on the topic "Cattle rearing is beneficial for farmers" in which more than hundred farmers participated. Dr. Alok K Pandey, Univ. Prof., B.A.U., Ranchi, Dr. Priya Ranjan Kumar, Asstt. Prof., B.A.U., Ranchi and SMS- Vet. Sc., KVK, Narkatiaganj delivered guest lectures in the programme. During the session participating farmers also raised their queries which were answered by the speakers. This programme was chaired by Dr. M.S. Kundu, DEE, RPCAU and Dr. Anupama Kumari, DDEE, RPCAU where they shared the benefits of dairy farming to the farmers.

- **Organized seven days 'Rural Youth training'** on "Dairy Farm Establishment and its Management" by SMS (Vet. Sc.) in which around 35 rural youth participated. SMS (Vet. Sc.) delivered lectures on different animal breeds suitable for Bihar condition, Animal shed design and management and other related topics.

→ **KVK, Sheohar**

- **Organized a three-day RY training** on Modern Fish and Poultry Farming Techniques from 3-5 August, 2022 led by SMS (Fishery)



- **KVK, Birauli Organized 15th SAC meeting** for the year 2021-22 on 05.08.2022 which was presided by Dr. M.S. Kundu, DEE, RPCAU, Pusa. The mandatory progress report was presented and action plan for the year 2022-23 had been finalized after due deliberation. Dr. K.K. Singh, Head, IARI, RRS, Pusa, DAO, Samastipur & other official representatives from the line departments and progressive farmers of the district participated in the meeting.



→ **KVK, Vaishali**

- **Organized two days ON campus training programme** for Jeevika Didi on banana fiber handicrafts during 3-4 August, 2022 led by SMS, Home Sc. Sri Yashpal Meena, DM, Vaishali interacted with participants & Dr. Sunita Kushwah, Sr. Scientist & Head briefed the KVK progress in this training programme, A total of 39 Jeevika Didi participated in the programme.



- **Celebrated Parthenium Awareness Week** during 16-22 August, 2022. One day ON Campus training programme was also conducted by SMS, Crop Production

on Awareness for the Control of Parthenium along with the preparation of compost from Parthenium by using pusa decomposer under the Awareness week.



→ **KVK, Sukhet Madhubani II**

- **Organized a Kisan Gosthi** during Parthenium eradication awareness week from 16-22 August 2022 which was chaired by Hon'ble Ex. MP Hukmdev Narayan Yadav ji. He interacted with Farmers and farm women (140 number) and highlighted the importance of scientific farming and heartily appreciated the activities conducted by KVK Sukhet.
- **Organized 3 days ON campus training programme** for Farmers and Farm Women on INM in paddy under CRA Scheme where 43 farmers and farm women of CRA adopted beneficiaries participated.



→ **Krishi Vigyan Kendra, Turki**

- **Conducted Field Day cum Kisan Gosthi** on 26 August 2022 to show finger millet variety RAU 8 to the 23 farmers and farm women participating in the event. KVK team addressed the farmers for growing of millets for nutria rich food and socio-economic status enhancement. In this event finger millet sowing by zero tillage technology and a good quality organic seed of finger millet produced by adopted farmers' field was demonstrated.

- **Organized inaugural function of 15 Days INM training programme** for fertilizer Input Dealers on 30 August 2022. In this function Chief Guest Dr. M. S. Kundu, DEE, Special Guest Dr. P.S. Brahmanand, Director, Research, Dr. A.K. Singh Dean TCA Dholi, Dr. P.P. Srivastava Dean, COF, Dholi and Dr. P.P. Singh DSF Dholi addressed the participants regarding the importance of balanced use of fertilizer for improving soil fertility.



- **Seminar/workshop/symposium/conference attended by KVKs of RPCAU, Pusa**- Sr. Scientist & Head of KVK Darbanga, Birauli, Turki, Vaishali, Lada, Piprakothi, Parsauni, Saran, Siwan, Narkatiaganj, Madhopur, Sukhet,



Saraiya, Begusarai and Gopalganj participated in the 5th Annual Zonal Workshop from 6-8 August 2022 at Rajgir International Convention Centre (RICC), Rajgir (Nalanda). This workshop was organized by ICAR-ATARI, Patna in the gracious presence of chief Guest Hon'ble DDG (Agril. Ext.), ICAR, Krishi Bhawan New Delhi, Special Guest Dr. Krishan Kumar Hon'ble VC RPCAU, Pusa, Dr. Rameshwar Singh Hon'ble VC BASU, Patna, Dr. Randhir Singh ADG (Agril. Ext.) and Dr. R.K. Malik Coordinator CIMMYT, New Delhi. In this workshop all the KVKs under Zone IV presented their Annual Progress Report 2021 and action plan 2022-23.



→ **Swachhata Pakhwada programme organized at PDUCHF, Piprakoti, Motihari**

The programme "Swachhata Pakhwada" was organized at PDUCHF, Piprakoti, Motihari during 1-15 August, 2022. The programme was inaugurated after lightening of the lamp by the Dean & Professor Dr. R. K. Jha. All the students, teaching and non-teaching staffs were present on the occasion. Dr. Krishan Kumar, Hon. VC, RPCAU Pusa graced the event with his presence and addressed all the teaching and non-teaching staffs of the college.

Awards, Sports & Other activities

→ **Best Research Paper Award**

On the occasion of 76th Independence Day, i.e., 15 August 2022 **Dr. Abdus Sattar**, Assoc. Prof. (Agro-Met), CAS on Climate Change received the best research paper award from Hon'ble VC, Dr. Krishna Kumar, RPCAU, Pusa. The research paper was titled "Modeling Climate Smart rice-wheat production system in middle Gangetic plains of India" co-authored by former VC, Dr. R.C. Srivastava. This was published in journal "Theoretical and Applied Climatology". **Dr. Vishal Kumar** was awarded for the paper entitled as 'Optimization of Ready to Use Bio-Clarificant Mixture for Production of Quality Jaggery' published in journal 'Sugartech' and Dr. Manish Kumar was awarded for the paper 'Superiority of data driven techniques for estimation of pan evaporation' published in Atmosphere Journal respectively.



→ **Students of PDUCHF bagged first prize** in cultural programme held at Dr. RPCAU, Pusa on the occasion of Independence Day. It was a moment of great pride for the college. Dr. Krishan Kumar, Hon'ble VC, RPCAU, Pusa congratulated all the students and praised their dedication hard work.



→ **The farewell (2018 batch) and fresher (2021 batch) ceremony of B. Tech (Agril.**



Engg) students were celebrated on 16th August, 2022 in the gracious presence of Dr. S.R. Choudhary, Dean, CBSH as chief guest and Dr. Brahmanand, Director Research, RPCAU as Guest of Honour along with all faculty, staff and students.

→ **Dr. Shivendra Kumar, Associate Professor, CoF, Dholi** delivered TV talk on the topic "Matsyapalan Main Kaise Karain Behtar Aahar Prabandhan" on Doordarshan Bihar



→ **Miss. Hiba Jasmin V, Bachelor of Fisheries Science (B.F.Sc.), Batch 2018-22** has been awarded with a prestigious fellowship, Erasmus Mundus Joint Masters in Aquaculture, Environment and Society (ACES) for the year 2022-24 from University of Highlands and Islands, Scotland, University of Crete, Greece, University of Nantes, France and Radboud University, Netherlands.

