



भाकृअनुप-कृषि प्रौद्योगिकी अनुप्रयोग अनुसंधान संस्थान, कानपुर ICAR-AGRICULTURAL TECHNOLOGY APPLICATION RESEARCH INSTITUTE, KANPUR

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Director's Desk

The major achievement of this quarter is that ICAR-ATARI, Kanpur first time received Dr. Rajendra Prasad Award of ICAR for Technical Book in Hindi (कृषि आय संवर्धन हेतु प्रभावी तकनीकी) in Agricultural and Allied Sciences. Its credit goes to all KVK Scientists who shown keen interest for developing this Book. During the period, we have also organised Annual Zonal Workshop of KVKs at NDUAT, Faizabad. Our Hon'ble CM Shri Yogi Aditya Nath Ji inaugurated this workshop. In his key note he expressed regarding doubling of farmers income by 2022, farmers are being benefitted through PMFBY, SHCs, Krishi Sinchai Yojna, minimum support price of pulses and oilseeds, popularization of Kala Namak rice, Jaivik Gur for enhancing farmers income thus enhancing the state level exchequer to become one trillion dollar state economy. He also emphasised on establishment of Goshala for enhancing the use of dung as FYM, developing the grey sector like animal husbandry, fisheries and related advance technologies for fodder production.



Establishment of new/additional KVKs are under pipeline. ICAR is now reviewing those KVKs falling under C & D categories. Hon'ble minister Sh. Kailash Chaudhary also discussed with all the KVKs about their constraints and problems and instructed to submit a note by each KVK in this regard.

I would like to state that efforts of our KVKs are now recognized at National and State level in terms of transferring the technologies, new schemes of Government to the farmers in faster way and effectively. It is therefore, KVKs must sustain their hard work.

- Atar Singh

उत्तर प्रदेश के कृषि विज्ञान केन्द्रों की 26वीं वार्षिक क्षेत्रीय कार्यशाला का आयोजन



भाकृअनुप-कृषि प्रौद्योगिकी अनुप्रयोग अनुसंधान संस्थान जोन-11। कानपुर द्वारा उत्तर प्रदेश के कृषि विज्ञान केन्द्रों की दो दिवसीय 26वीं वार्षिक क्षेत्रीय कार्यशाला का आयोजन दिनांक 08-09 जुलाई, 2019 को नरेंद्र देव कृषि एवं प्रौद्योगिक विश्वविद्यालय, कुमारगंज, अयोध्या के संयुक्त तत्वाधान में किया गया। कार्यशाला के मुख्य अतिथि उत्तर प्रदेश के माननीय मुख्यमंत्री श्री योगी आदित्यनाथ जी तथा विशिष्ट अतिथि श्री रणवेन्द्र प्रताप सिंह, राज्यमंत्री, उत्तर प्रदेश, कृषि, कृषि शिक्षा एवं अनुसंधान, कृषि एवं प्रौद्योगिकी विश्वविद्यालय, बाँदा, कानपुर, कुमारगंज अयोध्या के माननीय कुलपतिगण, चारो विश्वविद्यालयों के निदेशक प्रसारण तथा 83 कृषि विज्ञान केन्द्रों के वरिष्ठ वैज्ञानिक/अध्यक्षगण एवं प्रगतिशील कृषक कार्यशाला में उपस्थित रहे। सभी ने वर्ष 2018-19 की प्रगति का प्रस्तुतीकरण किया तथा वर्ष 2019-20 की कार्ययोजना को अन्तिम रूप दिया गया।

इस संस्थान के कार्यक्षेत्र में 83 कृषि विज्ञान केन्द्र उत्तर प्रदेश के विभिन्न जनपदों में स्थापित है। 14 नये कृषि विज्ञान केन्द्र स्थापित किये गये हैं। उत्तर प्रदेश में 6 अन्य नये कृषि विज्ञान केन्द्र स्थापित करने हेतु प्रस्तावित है। कृषि विज्ञान केन्द्रों का प्रमुख दायित्व तकनीकी का परीक्षण तथा प्रदर्शन के साथ केन्द्र को ज्ञान का संसाधन केन्द्र प्रत्येक जिले में बनाया गया। कृषि विज्ञान केन्द्र के प्रमुख कार्यकलाप निम्नवत हैं:

1. स्थानीय परिस्थिति के अनुरूप कृषि तकनीकी का विभिन्न कृषि प्रणाली के अन्तर्गत परीक्षण एवं चिन्हीकरण करना।
2. किसान के खेत पर प्रथम पंक्ति प्रदर्शन लगाना जिससे कृषि उत्पादन एवं उत्पादकता को स्थायित्व प्रदान किया जा सके।
3. आधुनिक कृषि तकनीकी का ज्ञान एवं दक्षता बढ़ाने हेतु कृषकों का प्रशिक्षण।
4. कृषि तकनीकी विकास हेतु प्रसारकर्मियों का प्रशिक्षण।
5. जनपद के आय संवर्धन हेतु कृषि तकनीकी में कृषि विज्ञान केन्द्र को ज्ञान संसाधन तकनीकी केन्द्र विकसित कर जन सामान्य, निजी क्षेत्र एवं स्वैच्छिक संगठनों को सहयोग प्रदान करना।

वर्ष 2018-19 में भाकृअनुप-अटारी, कानपुर के अन्तर्गत कृषि विज्ञान केन्द्रों द्वारा उपलब्धियाँ सन्तोषजनक रही। केन्द्रों के माध्यम से 7162 कोर्स संचालित कर 1,63,959 कृषक/कृषक महिला तथा ग्रामीण युवाओं प्रसारकर्मियों को

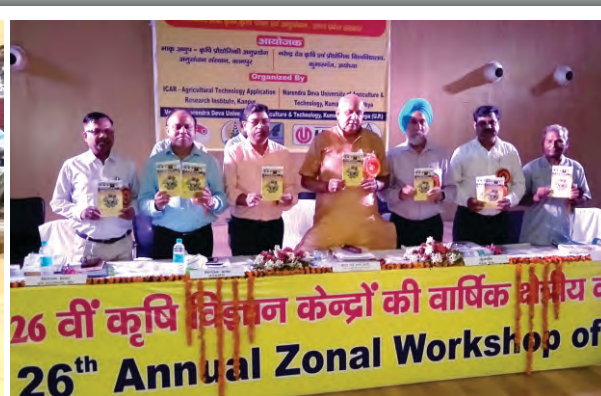
प्रशिक्षण दिया गया जिसमें 14852 ग्रामीण युवा, 15601 प्रसारकर्मी तथा 133506 कृषक/कृषक महिलाओं ने प्रशिक्षण प्राप्त किया।

केन्द्रों द्वारा कुल 27081 प्रथम पंक्ति प्रदर्शन आयोजित किये गये जिसमें फसलों के (13034) उद्यान के (1408) पशुधन के (2104) अन्य व्यवसाय के (4404) फार्म मशीनरी के (497) प्रदर्शन आयोजित किये गये। इस जोन में 470 नई कृषि तकनीक पर 470 परीक्षण किये गये जिसमें 1833 कृषकों ने हिस्सा लिया। इसमें 74 तकनीकी पशुधन से सम्बन्धित थी जिसमें 390 कृषकों ने सहभागिता की। केन्द्रों द्वारा 19024.00 कुन्तल उन्नति फसलों का बीज पैदा किया जिसमें खाद्यान्न फसलों का 13784 कुन्तल तिलहनी फसलों का 468 कुन्तल दलहन का 2876 कुन्तल सब्जी का 49 कुन्तल व्यवसायिक फसलों का 1805 कुन्तल मसालों का 22 कुन्तल तथा चारा वाली फसलों का 20 कु. बीज पैदा किया। केन्द्रों द्वारा प्लाटिंग मैटेरियल के अन्तर्गत कुल 35,40,980 की संख्या जिसमें सब्जी पौध 29,94,592 फल वृक्ष पौध 70060 अलंकृत पौध 117743, वन प्रजाति 22617, औषधीय एवं सगन्ध 216587 की संख्या में उत्पादन किया गया।

इस संस्थान का प्रमुख उद्देश्य कृषि विज्ञान केन्द्रों का सुदृढीकरण जिसमें वैज्ञानिकों को शोध एवं प्रसार में दक्ष बनाना है जिससे जिले की आवश्यकता के अनुरूप उनकी उपयोगिता सिद्ध हो सके तथा वैज्ञानिक प्रभावी रूप से कृषि उद्यमियों के साथ सहभागिता से प्रदेश के कृषि विकास को गति दे सके।

संस्थान कृषि विज्ञान केन्द्रों का अनुश्रवण विभिन्न चरणों में करता है। जनपद स्तर पर वैज्ञानिक सलाहकार समिति की बैठक, राज्य स्तर पर अर्द्धवार्षिक प्रगति समीक्षा कार्यशाला, वार्षिक क्षेत्रीय कार्यशाला तथा राष्ट्रीय स्तर पर





ATARI officials received Dr. Rajendra Prasad Award on the occasion of ICAR Foundation day and Farm Innovators' Meet at New Delhi

ICAR has organised ICAR Foundation day and farm innovators meet at NASC Complex, New Delhi at during 16-17 July, 2019.

Chief guest Shri Narendra Singh Tomar, Hon'ble minister of agriculture and farmers welfare, Shri Purshottam Rupala, Hon'ble MoS, Dr. Trilochan Mohapatra, Secretary DARE and DG ICAR, Dr. A.K. Singh, DDG(AE) have inaugurated the session by lightening the lamp.

On this occasion, DG ICAR, highlighted the brief achievement of ICAR and future strategies. After inaugural talk of Hon'ble minister, prizes were distributed among all the awardees. On this event ATARI officials namely Dr. U.S. Gautam, Dr. Atar Singh, Dr. Shantanu Kumar



Dubey and Shri S.N. Yemul and Dr. Bhupendra Singh have got the Dr. Rajendra Prasad Award for Technical Book in Hindi (कृषि आय संबर्धन हेतु प्रभावी तकनीकी) in Agricultural and Allied Sciences.

On this occasion, technical Sessions were also conducted for all 11 innovative farmers who shared their experiences among all the participants. This session was chaired by DG, ICAR, and co chaired by DDG(AE), DDG(Edn.), DDG (Ani Sci & Fisheries), DDG(CS & Hort.). Panel discussion was also conducted on up-scaling farmers innovations.



Reviews of KVK Pilibhit by Dr. Sadhana Pandey

Dr. Sadhana Pandey reviewed the activities of KVK Pilibhit on 7th of August, 2019. She has visited



administrative office including training hall, soil testing laboratory and demonstration units. She also reviewed seed production farm (21 acre) having paddy crop (Var. PR-113). Under horticulture unit of the KVK mango and guava mother plantation has been done with varieties of Dussheri, Langra, Bombay Green (Mango), Pant Prabhat, Shweta, L-49, Allahabad Safeda (Guava). Under crop cafeteria 15 varieties of paddy including coarse, hybrid and basmati rice and 3 varieties of brinjal are demonstrated. Under Agro forestry unit 8 species of bamboo and 10 species of other agro forestry trees are demonstrated. These units need removal of weeds and proper presentation of technologies. She also reviewed technical achievements of last year and current year.

Organised Training programme on CSISA project at ATARI

Two days training programme on CSISA project was organised from 12-13 July, 2019 at ICAR-ATARI, Kanpur. In this training eight KVKs have participated. In this



training, expert mainly focused on ODK (Open Data Kit). This is survey based software working on Smart Phone. Training was started from installation of this software from google play store. All data entry forms were already developed by CSISA Team. These forms were introduced and modified by taking suggestions from Heads of KVKs. Initial points for survey work that are WHAT-HOW-WHO-WHEN is been discussed. How survey based data can be can be worked with excel have been practiced. It was recommended that suvery work should be based on Random Sampling (say 20 samples from 800 households). In this training every menus of ODK were introduced. Data input forms was practiced. Dr. S.K. Dubey, PS(AE) given hote of thanks to all the participants and CSISA Team.

Participation in Brainstorming Meet on Upscaling Backyard Poultry

Two days brainstorming meet on Upscaling Backyard Poultry was organised at ICAR-DPR, Hyderabad during 8-9, August, 2019. In this meeting Dr Atar Singh, Director Participated as a distinguished guest. In this meeting Dr J.K. Jena, DDG (Fisheries & Animal Science) chaired the meet as the chief guest. The status of the germplasm and action plan to scale up the production with the help of the KVK ans State Animal Husbandry Department was discussed.



Visit of site selection committee for establishment of new additional KVK at Districts Allahabad & Moradabad

Site Selection Committee of ICAR visited the site during 6-7 September, 2019 at Rajkiya Krishi Prakshetra, Village Chhata, Block-Baharia, Tehsil-Phulpur for establishment of additional KVK in Allahabad district. Chairman Prof. A. C. Varshney, former Vice-Chancellor, DUVASU, Mathura; member secretary Dr. Atar Singh, Director, ICAR-ATARI, Zone-III, Kanpur & members Dr. P. N.



Singh, Director of Extension Education, GBPUAT, Pantnagar, Uttarakhand; Dr. A. K. Singh, DAO Prayagraj; Dr. K. K. Lal, Director, ICAR-NBFGR Lucknow and some farmers of nearby villages are also present during the visit. Another Site Selection Committee of ICAR visited the site during 20-21 August 2019 at Rajkiya Krishi Prakshetra, Malpura, Block and Tehsil –Thakurdwara in Moradabad district for establishment of additional KVK in Moradabad District. Chairman, Dr. Sushil Solomon, VC, CSAUA&T, Kanpur; Member Secretary Dr. S. K. Dubey, PS (AE), ICAR-ATRI Kanpur and Members Dr. R. S. Dohare, PS, IISR Lucknow; Dr. R. K. Sohane, Director Extension, BAU, Sabour; Dr. S. K. Sachan, DE, SVPUA&T, Meerut; officials from existing KVK Moradabad & Line Department were also present during the visit.



Participation in the meeting of MOU signing ceremony between ICAR and MSME

Dr Sadhana Pandey, PS (H.Sci.) attended the meeting regarding MOU signing ceremony between ICAR and MSME on 21st August, 2019 at Bharat Ratna C. Subramaniam auditorium, NASC Complex, New Delhi. On this occasion Secretary DARE & DG ICAR Dr. Trilochan Mahapatra, Hon'ble Minister of State for micro, small and medium enterprises & fisheries, animal husbandry and dairying Shri Pratap Chandra Sarangi,

Mr. Sushil Kumar, Mr. Radha Mohan Mishra, and Dr. A K Panda were the dignitaries.

Honorable DG highlighted the importance of micro small and medium enterprises in agriculture and its role in entrepreneurship and improving the livelihood of the farmers. Honourable Shri Sarangi ji has emphasized the importance of processing industries, post harvest technologies and value chain analysis for upliftment of farming communities. It was concluded in the programme that ICAR and MSME altogether can initiate various programmes in collaborative manner by utilizing the technical expertise and field experiences of both the organizations. Innovative farmers were also invited on the dais to share their experiences, achievements and constraints and to explain their expectations.

Organised National Training cum Workshop on Drudgery Assessment at SHUATS, Allahabad

Dr Sadhna Padey, PS(H.Sc.) co-ordinated the “National Training cum Workshop on Drudgery Assessment” at SHUATS, Allahabad which was organised during 26-30 August 2019.

On 26th August, 2019, the workshop commenced at KVK, SHUATS and was inaugurated by project coordinator of AICRP-Farm machinery, ICAR-CIAE, Bhopal, Dr. C.R. Mehta. He said women farmers should be given proper technical training to increase farm yield. Director Extension of SHUATS, Prof. Arif A. Broadway, Guest of Honour on the occasion said that SHUATS is providing technical assistance and suggestions to farmers on various drudgery reducing technologies. Other dignitaries present in inaugural function were Pro Vice Chancellor Mr. Sarvjit Herbert, Director research Mr. Shailesh Maraker and Prof Razia Parvez. Dr. Pandey also delivered her speech on significance of drudgery assessment and purpose and aim of workshop. Total 21 Home scientists from various KVKS in UP have participated in this workshop. Next day on 27th August, Prof. Dr.C.R. Mehta PC. CIAE Bhopal delivered his lecture on assessment of cardiovascular and physiological workload. Dr. Razia Paervez has taken a practical on equipments use for workload assessment. On 28th August, Pro Vice Chancellor Mr. Sarvjit Herbert has delivered his speech on ergonomics and Dr. Razia explained about the recording of heart rate and calculating energy expenditure for drudgery assessment of farmwomen.

ATARI, Kanpur organised two days orientation Programme for newly Appointed Scientist/SMS of KVKs of Uttar Pradesh

ICAR-ATARI, Kanpur organized Orientation Programme for newly appointed Scientist/SMS of KVKs of Uttar Pradesh on 22 & 23 August 2019. The vision of organizing this programme is to sensitize the newly recruited Scientist of KVKs regarding OFT, FLD and other mandated activities of KVK. Former Zonal Project Director, Bangaluru and Ludhiana Dr. S. Prabhu Kumar and Dr. Ashok Narula also participated in the programme as the expert resource person.

Dr. S. Prabhu Kumar talked on Extension Approaches in Technology application and Experiences of KVK in Agriculture. Dr. Prabhu Kumar emphasized that with farmer partnership, KVK should focus on production of quality seed and planting materials and use farmer's field as the experimental fields. There is need to translate the result into achievements. Dr. Ashok Narula also deliberated upon mandate & mandated activities of the KVKs. Dr. Narula interacted with all the participants and solved their queries in question-answer mode. He made the technical

issues related to KVK functioning with simple and understandable. Director, ICAR-ATARI, Kanpur, Dr. Atar Singh introduced the participant about the expectation of the ICAR from KVKs. He also focused on working on data – information – knowledge continuum and stressed for working in inter- disciplining mode and farmer participatory style for solving the most prioritized problem in a given farming system. Dr. S. K. Dubey, PS (AE) gave the welcome address and opening remarks to the participants. Total 50 newly recruited Scientist/SMS from KVKs of Uttar Pradesh participated in the programme during both of the days. Dr. Sadhna Pandey proposed vot of thanks.



KVKs of U.P. organised Kisan Melas under Jal Shakti Abhiyan



KVKs of Uttar Pradesh organised an important programme on Jal Shakti Abhiyan on 3.09.2019. Total 32 KVKs have organised this programme with overall 20948 participants including 16869 farmers, 1494 students and 1242 officials. An important part of the 'Jal Shakti Abhiyan' is that it focussed on five aspects - water conservation and rainwater harvesting, renovation of traditional and other water bodies, reuse of water and recharging of structures, watershed development, and intensive afforestation. The conservation efforts are to be supplemented by the initiatives like developing block and district water conservation plans and 'krishi vigyan kendra melas' to promote efficient water use for irrigation and better crop choices.



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Dr. Shankar Singh, Consultant from ATARI, Kanpur and Dr. Jitendra Singh, Asstt Prof, CSAUAT, Kanpur also participated in Jal Shakti Abhiyan at Varnahal Block of Mainpuri district on 27th July, 2019. This Mela was organised under chairmanship of DM Mainpuri. On this occasion some programmes regarding Jal Shakti and its importance have organised by involving more than 1000 participants. Dr. G.R. Chaudhari, Head KVK given vote of thanks to all participants for successful organisation and active participation in the programme.



Participation in National Conference on CRM at New Delhi

A National Conference on Crop Residue Management have organised at C. Subramanian Auditorium, NASC complex New Delhi on 9th September, 2019. More than 1000 farmers from Punjab, Haryana, and Uttar Pradesh & Delhi state participated in this workshop. Shri Purshottam Rupala Hon'ble Union Minister of State for Agriculture & Farmers Welfare inaugurated the conference and thanked the farmers for bringing down the stubble burning



incidents. The Minister expressed his immense pleasure after listening to the good experiences shared by farmers and requested them to sensitize other farmers about learning from the Conference. Several farmers shared experiences and suggestions during the Conference. This conference was organized in collaboration with ICAR-ATARI, Ludhiana and Kanpur in order to address concerns

of farmers and State Governments. The straw burning events in 2018 have reduced by 15% and 41% as compared to that in 2017 and 2016 respectively, as per the report of the high power committee chaired by Dr. Nagesh Singh. During the Conference, 20 farmers from Punjab, Haryana and Uttar Pradesh were honored for their valuable contribution in management of crop residue by using identified agricultural machinery, as well motivating other farmers of their village for *in-situ* management of crop residue to stop the straw burning. On this occasion, hon'ble minister also launched a multilingual Mobile App "CHC Farm Machinery" for the farmers to avail the custom hiring services of CHCs located within a radius of 50 Kms.



Celebration of 73th Independent Day at ICAR-ATARI



Independence Day is an annual observance celebrated every year on 15th of August. India's Independence Day is a day of great significance for the people of India. At this day India got freedom from the British rule after long years of

slavery. ICAR-ATARI, Kanpur celebrated this important event by hosting flag in the morning. Dr. Atar Singh, Director also discussed on 'Jal Shakti Abhiyan' and other programmes. Other officers also share their views on this occasion.

Participation in review workshop on grading of KVKs falling under B, C & D categories

Dr. Sandhna Pandey, PS(H.Sc) participated the review workshop on grading of KVKs which are falling under B, C and D categories on 18th Sept., 2019 at NASC Complex, New Delhi. Various dignitaries present on the dias were DG, ICAR: Dr. T. Mahapatra, DDG (ext): Dr. A K Singh, ADG (AE): Dr. V. P. Chahal and Dr. Randhir Singh. Shri Kailash Chaudhary, Honorable MoS (Agriculture and Farmers' welfare) was the chief guest of the function. All the Directors ATARI, Director Extension and Head of KVKs under B, C and D categories have participated in this programme. Dr. A. K. Singh delivered welcome address and honorable DG, ICAR in his remarks emphasized the important roles played by KVKs now-a-days. He praised the KVKs that they are not only performing their mandated activities but also organizing various mega programmes of national importance NADCP, Plantation mela, Jal shakti abhiyan etc. which are being documented at ICAR level. He further emphasized that this workshop is mainly to facilitate and improve the performance of C,D and B category KVKs as reported in NILARD ranking. Hon'ble minister Sh. Kailash Chaudhary discussed with all the KVKs about their constraints and problems and instructed to submit a note by each KVK in this regard. Major problems expressed by KVK heads were – (i) Proforma was not filled properly (ii) Poor Infrastructure: Not availability or poor condition of administrative building, farmer hostel, vehicle, boundary wall, computer, internet facility etc. (iii) Staff shortage (iv) Frequent transfer of KVK staff (v) Attachment of KVK staff in university (vi) Newly established KVKs with limited facilities

Hon'ble minister assured the KVKs to resolve their problems. He informed that:

- Again after 2 months the KVKs will be evaluated and many more other parameters will be included to assess their performance.
- Each KVK should try to come up in A categories and those KVKs will be awarded.
- He suggested that A grade KVKs should adopt the D grade KVKs and likewise B grade KVKs should adopt the C grade KVKs. these KVKs should also visit the A grade KVKs to improve their performances.
- Stop the salary of the KVK staff attached in university

Hon'ble DDG (Ext.) suggested to develop the innovative models at KVK level so that farmers may adopt these models. He also emphasized to conduct the farmers' visit at innovative farmers' field and to technically empower the FPOs for their livelihood improvement

Participation in 2nd QRT meeting at ICAR-ATARI, Jabalpur

The second meeting of QRT have been organised at ICAR-ATARI, Jabalpur on 21.09.2019. On this occasion all the QRT members namely Dr. YPS Dabas, Ex-DES, GBPUAT, Pantnagar; Dr. OP Singh, Ex-DES, SVPUAT & T, Meerut; Dr. Mathura Rai, former Director IIVR, Varanasi, Dr. Anupam Mishra, Director, ICAR-ATARI, Jabalpur including QRT Chairman Dr. Gaya Prasad participated. In this meeting, Dr. Atar Singh, Dr. Shantanu



Kumar Dubey and Shri S.N. Yemul from ICAR-ATARI, Kanpur also participated. Session started by welcoming of all the participants

KVKs from Both the Zones (III & IX) selected for their presentation. From Zone-III, Kanpur, KVK Kannauj, Bareilly, Pratapgarh, Muzaffarnagar & Chitrakoot and from Zone-IX, KVK Dhar, Datia, Ujjain, Betul, Satna, Jabalpur, Kanker, Dantewada & Kawardha are selected for their presentation. All the QRT members also discussed after each presentation.

KVKs of both zones have presented their Achievements of last 8 years (2011-12 to 2018-19). In the presentation, KVKs shows their infrastructure, staff position, technical achievements of last 8 years. All the KVKs tried to highlight how to generate more income for farmers by applying different technologies. Dr. Atar Singh, Director, ATARI, Kanpur and Dr. Anupam Mishra also presented and highlights on major points such as KVK staff, ATARI staff, infrastructure, technical achievements including large scale adoption of technologies, doubling of farmers income etc. Director, ATARI, Jabalpur also highlighted on the same points.

Participation in CRM review meeting at New Delhi

CRM review meeting was held in the Chairmanship of honourable Secretary DARE and DG, ICAR on 25 Sept, 2019. In this meeting the last recommendations action taken was reviewed. The IEC activities of KVKs should be enhanced and procurement of machines must be done by end of this month. The targeted demonstrations be laid out with zero burning. It was suggested that proper reporting may be made. The meeting ended with vote of thanks to the chair and participants.



Participation in ASEAN – INDIA workshop at IGIB New Delhi

Interaction workshop on ASIAN-INDIA Training workshop on Emerging technologies for young biotech professionals from ASIAN MS was organised at IGIB, New Delhi on 25.09.2019.

Orientation Workshop of KVKs and ATARI, organized by IWMI, New Delhi from 7-8 August, 2019

Dr. SK Dubey, PS (AE) attended the orientation workshop for the ATARIs and selected KVKs (11) from country organized by IWMI, New Delhi. The workshop was attended by the DDG (AE), ICAR, Dr. AK Singh; Country Head, IWMI, Dr. Alok Sikka; Dr PK Aggrawal, ADG (NRM), ADG (AE) and all the Directors of ATARI or their representatives. It was highlighted by the dignitaries about the purpose of the workshop and approaches to be used for conceptual and hands-on training to the participating SMSs/Heads of the 11 KVKs. From UP also, KVK Banda attended this workshop. In the technical session, there were three presentation made on the dimensions of prioritization, innovation identification, their upscaling and the related concepts. Dr. YG Prasad, from ATARI, Hyderabad presented his view points. On 8 August, all the participants were given hands-on experiences to understand the components and questions of interview schedule to be utilized at the field level. This was facilitated by the team of IWMI and its team.

Dr. SK Dubey, PS (AE) acted as the resource person in the international training programme for African delegates on 27-29 August 2019 at ICAR-ATARI, Ludhiana

Dr. SK Dubey, PS (AE) of this institute acted as the resource person in this international training programme. He took the first session on the African delegates on “Experiential Learning of Leadership Style in the Extension Organization”. There were 10 participants from four African countries and all of them were county level extension administrators. Two of them were involved in pure research activities. This session was a great learning for him also to know the participants’ behaviour as leader. He also took another session on “Adaptation of Extension Management systems in India: A perspective Analysis”.

Dr. SK Dubey, PS (AE) attended MDP on Impact assessment of agri and rural development project from 2-6 September, 2019 at IIM, Lucknow

The orientation of the training was started at on 2 October, 2016 at IIM, Lucknow. The course Director Dr. Sanjeev Kapoor, IIM, Lucknow and Dr Anajani Kumar, IFPRI, New Delhi briefed the purpose of the training programme. There were 15 participants from different organizations including those from ICAR systems. The training covered the important concepts like theory of change, logframe analysis, randomized control block, instrument variables, propensity score matching, difference-in-difference methods, food safety studies, credit studies, KVK impact studies and many other methods supported with demonstrations of related data analysis and case studies.

National workshop of CSISA-KVK network project from 24-25 Sept., 2019

This programme was inaugurated by the Secretary DARE and DG ICAR Dr T. Mohapatra and attended by the DDG (AE), Dr AK Singh; Project Leader CSIA Dr Peter Craufurd; Dr Christian Witt, Dr RK Malik, Dr VP Chahal, ADG (AE), Directors of ATARIs, Heads and SMSs of the partner KVKs from the states namely UP, Bihar, WB, Odhisa, Andhra Pradesh, Madhya Pradesh. Dr. SK Dubey, ICAR-ATARI, Kanpur attended this workshop. Hon’ble Secretary DARE and DG, ICAR stressed for the efficient data management system as data will be the powerful tool in the time to come. He also highlighted how the eye opening findings have been reported by CSISA project. DDG (AE) Dr AK Singh also made the presentation of overall findings of the diagnostic survey done in Rice-Wheat system. The programme, planning for further LDS survey in the newly identified districts was done.

Participation in CFLD Oilseed review meeting at New Delhi



One day review meeting on CFLD on oilseed was organised at NASC Complex, Pusa, New Delhi on 30 September 2019. The meeting was chaired by Joint Secretary. The program was started by a overview of oilseeds by all ATARI'S by ADG(AE) Dr V P Chahal . In this meeting all Directors of ATARI'S or their Principal Scientists made presentation. Dr. Atar Singh, Director ATARI, Kanpur (Zone-III) also participated in this review meeting. The Joint Secretary Madam has appreciated

efforts made by KVKs and ATARs. She assured for timely release the budget and old varieties which are in practice should not discourage. The hybrid should be demonstrated and seed may be made available from NSC or SAUs on credit. She urged farmer to farmer seed exchange may be beneficial. Convergence very much needed to speculate the tested technology to the other farmer's. Meeting ended with vote of thanks to the chairman and participants.

‘हिन्दी पखवाड़ा’ (14 सितम्बर-29 सितम्बर, 2019) का आयोजन



भाकृअनुप-कृषि प्रौद्योगिकी अनुप्रयोग अनुसंधान संस्थान कानपुर में आयोजित 14 से 29 सितम्बर, 2019 तक किया गया। निदेशक महोदय ने हिन्दी पखवाड़े के महत्व पर प्रकाश डालते हुए इस दौरान हिन्दी में अधिक से अधिक कार्य करने पर बल दिया। इस दौरान विभिन्न प्रतियोगिताओं जैसे कविता पाठन, समूह चर्चा, प्रश्नोत्तरी, निबन्ध लेखन, भाषण, रिक्त स्थान की पूर्ति, टिप्पणी एवं मसौदा, आदि प्रतियोगिताओं का आयोजन किया गया। हिन्दी पखवाड़ा में सांस्कृतिक कार्यक्रम का आयोजन भी किया गया जिसमें संस्थान के सभी अधिकारियों एवं कर्मचारियों ने भाग लिया। कार्यक्रमों का संचालन अलग-अलग किया गया। इस दौरान विभिन्न प्रतियोगिताओं में विजेताओं का चयन किया गया।

Participation in other important programmes/meetings

Dr. Atar Singh

- As a member with the team of Agri-Clinic and Agri-business Centres scheme-verification of shortlisted organization in the state of U.P. to visit MCA literacy & scientific society, village Bendo, Karacha, Prayagraj, UP on 31st July, 2019
- High level monitoring committee of the central sector scheme on “Promotion of Agricultural Mechanization for in-situ management of Crop Residue in states of Punjab, Haryana, Uttar Pradesh and NCT of Delhi held on 28.08.2019 at DG, ICAR Committee room, New Delhi
- Jal Shakti Abhiyan on 3.09.2019 at Vikas Khand Chaubeypur in district Kanpur Dehat.
- QRT meeting with its chairman and ATARI Directors under the chairmanship of DDG(Agril. Extn.) at board room at international guest house, NASC Complex, New Delhi held on 04.09.2019.
- Meeting with the Hon’ble Minister of Agriculture, Govt. of Uttar Pradesh regarding the effective functioning of new and additional KVK in the districts of Uttar Pradesh on 11.09.2019.
- Kisan Mela and Workshop on Technological Advances with Direct Marketing Linkage in Organic Farming for Rural Entrepreneurship Development on 14.09.2019.
- Review workshop of KVKs falling under C & D categories held on 18.09.2019.
- Workshop on CSA evaluation and prioritization under the project “Scaling out Climate-Smart Agriculture for Resilient Farming in India” held on 19.09.2019 at NASC Complex, New Delhi.
- Meeting of board of studies held on 27.09.2019 at CSJM University, Kanpur
- **Dr. Shankar Singh:** Participated in SAC meetings held at KVK Jhansi and Lalitpur on 4.9.2019 and 5.9.2019 respectively

Special programmes/projects & their KVKs

S.No.	Name of programme	No. of KVKs/ Institutes	Name of KVKs
1	CFLD Pulses & Oilseeds	83 KVKs	All KVKs of Uttar Pradesh
2	National Innovations on Climate Resilient Agriculture (NICRA)	13 KVKs	Kushinagar, Bahraich, Gorakhpur, Sonbhadra, Maharajganj, Gonda, Jhansi, Hamirpur, Chitrakoot, Muzaffarnagar, Baghpat, Kaushambi, Pratapgarh
3	Attracting & Retaining of Youth in Agriculture (ARYA)	1 KVK	Muzaffarnagar
		9 KVKs (proposed)	Varanasi, Gorakhpur, Kaushambi, Pratapgarh, Saharanpur, Deoria, Basti, Ghazipur, Lucknow
4	TSP	4 KVKs	Chitrakoot, Lakhimpur Kheri, Sonbhadra, Balrampur
5	National Initiatives for Fodder Technology Demonstration	4 KVKs	Shahjahanpur, Sitapur II, Bahraich and Deoria
6	Farmer FIRST	7 ICAR Institutes	ICAR-CISH, Lucknow, ICAR-IVRI, Bareilly, ICAR-IGFRI, Jhansi, ICAR-IIFSR, Meerut, ICAR -CIRC, Meerut, ICAR -IIPR, Kanpur, ICAR-IIVR, Varanasi
7	Mera Gaon Mera Gaurav	16 Institutes	ICAR-IISR Lucknow, CISH Lucknow, C.S.S.R. Lucknow, SHIATS Allahabad, B.H.U. Varanasi, PDDSR Mau, I.I.P.R. Kanpur, CAFRI Jhansi, I.G.F.R.I. Jhansi, BPKS Almora, IISWCRT Agra, CARI Bareilly, IVRI Bareilly, DCRAV Bhimtal, IISWC Dehradun and NBAIM Maunath Bhanjanare
8	Cereal System Initiative for South Asia	8 KVKs	Kushinagar, Ghazipur, Gorakhpur, Deoria, Ballia, Maharajganj, Mau, Siddharthnagar
9	Seed Hub Programme	8 KVKs	Deoria, Varanasi, Jalaun, Chitrakoot, Lalitpur, Mahoba, Fatehpur and Mirzapur
10	Crop Residue Management	28 KVKs	Etah, Firozabad, G.B. Nagar, Ghaziabad, Hathras, Jaunpur, Mathura, Meerut, Moradabad, Muzaffarnagar, Pilibhit, Rampur, Saharanpur, Shahjahanpur, Varanasi
11	Inspirational District Scheme	8 KVKs	Sonbhadra, Fatehpur, Chitrakoot, Siddharthnagar, Balrampur, Chandauli, Bahraich and Shravasti
12	ASCI Programme (Agriculture Skill Council of India) (37 KVK)	42 (36 KVKs and 6 ICAR Institutes)	Bahraich, Basti, Varanasi, Siddharthnagar, Sonbhadra, Balrampur, Chandoli, Jaunpur, Fatehpur, Kanpur Dehat, Jhansi, Mahoba, Hamirpur, Jalaun, Lalitpur, Banda, Mathura, Bijour, Saharanpur, Meerut, Muzaffarnagar, GB Nagar, Sultanpur, Mirzapur, Gonda, Chitrakoot, Allahabad, Pratapgarh, Unnao, Lucknow, Ghazipur, Sitapur-I, Kaushambi, Auraiya, Sitapur-II, Gorakhpur-II, IIPR, Kanpur, IISS, Mau, IGFRI, Jhansi, NBAIM, Mau, NBFGR, Lucknow, IVRI, Barielly
13	DAMU Project	17 KVKs	Bhadoi, Kushinagar, Sonbhadra, Gorakhpur, Jaunpur, Azamgarh, Siddharthnagar, Balrampur, Chandauli, Kannauj, Fatehpur, Mainpuri, Bulandshahr, Shahjahanpur, Baghpat, Chitrakoot, Ghazipur
14	PKVY (Paramparagat Krishi Vikas Yojna Scheme)	10 KVKs	Basti, Ballia, Kanpur Dehat, Mahoba, Hamirpur, Shahjahanpur, Gonda, Pratapgarh, Lucknow, Sitapur II
15	Swachh Bharat abhiyaan	83 KVKs	All KVKs of Uttar Pradesh
16	Sankalp Se Siddhi	83 KVK	All KVKs of Uttar Pradesh
17	Jalshakti Abhiyan	35 KVKs (139 Blocks)	Agra, Aligarh, Amroha, Baghpat, Bijour, Budaun, Bulandshahr, Chitrakoot, Etah, Fatehpur, Firozabad, GB Nagar, Ghaziabad, Hapur, Hathras, Jaunpur, Kannauj, Kanpur Nagar, Kasganj, Kaushambi, Mahoba, Mainpuri, Mathura, Meerut, Mirzapur, Moradabad, Muzaffarnagar, Pratapgarh, Prayagraj, Rampur, Saharanpur, Sambhal, Sant Ravidas Nagar, Shamli, Varanasi
18	VATICA Programme (Value Addition and Technology Incubation Center in Agriculture)	3 KVKs	Varanasi, Bareilly and Shahjahanpur.
19	NARI Programme (Nutrition-sensitive Agricultural Resources and Innovation)	-	All KVKs of UP
20	KSHAMTA (Knowledge Systems and Home Based Agricultural Management in Tribal Areas)	-	Balrampur, Bahraich II, Chitrakoot, Lakhimpur Kheri, Sonbhadra, Lalitpur, Mahoba & Jhansi

भाकृअनुप-कृषि प्रौद्योगिकी अनुप्रयोग अनुसंधान संस्थान

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