

ATARI Kolkata NEWS



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From the Director's Desk

"The destiny of world civilization depends upon providing a decent standard of living for all Mankind."- Norman Borlaug

Sustainable agricultural production stands as the cornerstone of meeting India's growing demand for food grains. Given our nation's vast agro-ecological diversity and climatic vulnerabilities, it is imperative to develop region-specific, resource-based technologies that enhance the production of crops, livestock, and fisheries. Our agricultural scientists and extension personnel at research institutes, agricultural universities, ATARIs, and KVKs are tirelessly working towards this goal. They are engaged in developing and implementing innovative technologies and pioneering farming practices to boost agricultural output, ensuring food and nutrition security for all. The Government has launched numerous commodity- and community-specific schemes, effectively implemented through the KVKs at the district level. These KVK personnel collaborate closely with farmers in the field and serve as crucial feedback conduits within the research system. Moreover, the KVKs in this zone are deeply involved in various awareness and social upliftment initiatives such as 'Viksit Bharat Sankalp Yatra', 'Janjatiya Gaurav Divas', 'Fit-India Movement', 'Millet Mission Programme', 'Swachhata Hi Seva', and 'Vigilance Awareness Week'. During this period, our scientists and staff have been diligently conducting review meetings for various projects and programs, undertaking field visits, participating in SAC meetings, and publishing a wealth of research papers, books, technical bulletins, popular articles, and news items. As Mahatma Gandhi famously said, "The future depends on what we do in the present." This underscores the importance of our ongoing efforts and the impact they will have on future generations.



I trust that this volume of 'ATARI Kolkata News' will be a compelling read, showcasing our activities during this period. I extend my heartfelt appreciation to all the dedicated scientists and staff of this institute for their earnest efforts in bringing this publication to life. We always welcome feedback and suggestions for improvement.

(Pradip Dey)

Technologies applied successfully

Skill development in poultry farming brought success to small farmer

Mr. Dipen Kumar Pradhan of village-Balasingha, block-Angul, Distt.-Angul had a landholding of 0.6 ha. The young farmer has established his farm from his own effort after going through skill development training from



KVK Angul during the year 2018-19. He initiated a 200 capacity poultry farm where he was rearing *Aseel*, *Kadakhnath*, *Sonali*, *Vanaraja*, *Desi* etc. Looking into the market demand, he was rearing those new improved breeds of birds and earning a good profit. He had regular contact with KVK and used to take advice from KVK regarding new technologies for increasing his enterprise from time to time. The farmer used to get an annual net



income of Rs. 60000/- from poultry farming. He faced problems like low weight gain in poultry birds. With interventions like proper feed management i.e. supplementation of probiotics @ 0.05% in poultry feed and increasing the unit size, he is now getting an annual net income of Rs. 185000/-. At the age of 26 years, he is able to earn an amount of Rs.16000/- per month from this



poultry farm and support his family financially. The poultry litter, comes out from the farm, is being utilized in agricultural and horticultural activity with a good return. Now, five more farmers of his village initiated new poultry farms under his guidance.



(Source: Angul KVK, Odisha)

Nutri-garden by marginal farm woman helped in family nutritional security

Mrs. Rupali Hazra of village-Mahula, block- Beldanga I, Distt.-Murshidabad (Contact: 9647563920) is an enthusiastic housewife. Apart from house hold work she has keen interest on different agricultural activities and practicing such work in land adjacent to the house hold. After communication received from the Dhaanyaganga Krishi Vigyan Kendra, she brought twenty two farm women under the umbrella of Nutritional Security Group. All the farm women were poor and all of them belonging to marginal farm family. They also had not much previous experience on farming by themselves. All of them had varying piece of land adjacent to their house hold which were either as fallow or planting with few vegetables in unplanned manner. Being member

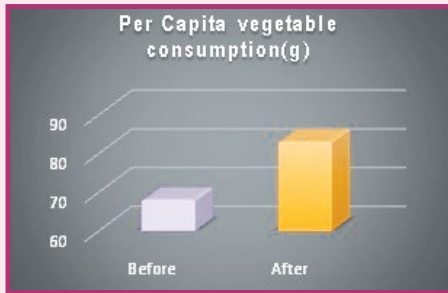


of farming family, they possessed essential farming implements/ tools, irrigation devices, plant protection machinery. The entire work was chalked out in three distinct phases (a) Training along with distribution of vegetable seed kits and other inputs (b) Field visit, monitoring and motivation for adopting technology (c) After harvesting of 1st season crop, interaction and feedback analysis. The vegetable seeds viz. Palak, Radish, Coriander, Fenugreek, Carrot were distributed to each participants. As per the information received from them, it was the first time for them that they had been motivated for establishment of kitchen and homestead garden. A season wise crop planning (crop sequence) was advised and opportunity extended to them for selection of crop as per their food habit. Concept of seed treatment, compost preparation, intercropping of vegetables, basic ideas of organic farming and bio-fertilizer were disseminated to them. The seeds of palak, coriander and fenugreek were broadcasted. On the other hand, carrot and radish were



planted in a specified distance and manner as learned in the training. The two times field visit was made by the KVK functionaries. They discussed with other members of the group to perform accordingly. It did not reflect a lot on family income enhancement

at initial stage of operation. But, it created significant development through continuous practice in long term. The farming family belongs to marginal category, even some of them did not have much agricultural land. Under this situation, production of vegetables in their own household ensured their nutritional security and diversification in their daily diet. If present activity converts in monetary



value, it resulted Rs. 1200/- per month for three months duration.

The farmwomen firstly enjoy the production of vegetables by their own. It creates an opportunity for them to receive institutional support and interact with Government officials on different village issues. It is also a step towards successful 'Self Help'. By taking part in the programme, their prestige within their own family is enhanced by making contribution. Some of the technical trips like seed treatment, organic farming, use of bio-fertilizer, bio-pesticides, farm composting can easily be disseminated through result demonstration. This may be an instance for their male counterpart

to adopt the technology in farming system. It became a milestone in the Mahula village that the farm women who never came out from their own household interact with



Government officials and take part directly in agricultural operation vis-a-vis ensuring family nutritional security through establishment of kitchen garden.

(Source: Murshidabad (Addl.) KVK, WB)

Important activities of KVKs (July to December, 2023)

Sl. No.	Activity	Achievement
1	On-farm trials conducted (Number)	958
2	Frontline demonstrations conducted (Number)	27904
3	Farmers trained (in lakh)	40571
4	Extension personnel trained (Number)	6009
5	No. of farmers and other stakeholder benefitted through various extension activities (in lakh)	2.09333
6	Production of seed (in quintals)	5839.18
7	Planting materials produced (in lakh)	20.15261
8	Livestock strains and fingerlings produced (in lakh)	26.86787
9	Soil and water samples tested (in lakh)	5439
10	Mobile agro-advisory provided to the farmers (in lakh)	99.31499

News from KVKs

'ICAR Foundation Day-cum-Technology Day' celebrated at KVKs

The Indian Council of Agricultural Research (ICAR) celebrates its 95th Foundation Day on 16.07.2023. This year has been celebrated as 'Foundation Day-cum-Technology Day' from 16 to 18.10.2023 to showcase



the cutting-edge innovations, products developed by different

ICAR Institutes and various schemes including KVKs for its widespread dissemination and further benefit for the farming community and all other stakeholders. On the occasion of Foundation Day programme held at ICAR, New Delhi, the technology on 'Low-cost nutritional weaning food to combat red children crisis' developed by Uttar Dinajpur KVK and Coffee Table Book entitled 'Pioneer Farmers: Agri-sustainability through Farmer FIRST Approach' published by this office were released by the Hon'ble Union Minister of Agriculture and Farmers Welfare, Shri Narendra Singh Tomar. The 'Technology Day' was celebrated from July 16-18, 2023 by 59 KVKs of this Zone V at their respective campuses. The KVKs

organized exhibition, demonstration, meeting, seminar etc. to showcase new technologies, products developed by KVKs. Total 7679 farmers covering 4301 males and 3378 females were participated in this technology day programme during July 16-18 across all the KVKs in this Zone. Many public representatives, SHG group members, several FPO's members,



extension personnel, rural youths took part in this programme.

'Millet Mela' organized

One day 'Millet Mela' was organized by Howrah KVK of BCKV, Nadia in collaboration with Nehru Yuva Kendra (NYK) at its campus on 25.07.2023 to create awareness about health and nutritional benefits



of millets among school and college students, progressive farmers including farm women. Dr. Pradip Dey, Director, ICAR-ATARI Kolkata; Prof. Umesh Thapa, DEE, BCKV; Dr. S. N. Khara, DHO, Howrah; Mrs. Arunima, District Youth Officer, Howrah; Dr. S. Banerjee, Asstt. Professor, BCKV; Mr. S. Saha, ADA, Jagatballavpur; Dr. K. Barui, SSH of Howrah KVK; SMSs and other staff of Howrah KVK; 75 students from various



schools and colleges, 50 progressive farmers including farm women from different blocks of Howrah district; 46 youth club members of NYK; 30 persons from different SHGs; 78 DAESI students and many others were present in the occasion.

Dr. Barui welcomed the dignitaries and participants of the programme and discussed the theme of the 'Millet Mela'. He also described the roadmap of activities of Howrah KVK to celebrate the 'International Year of Millets 2023'. In his presidential address, Prof. Thapa discussed the importance of millets for its nutritious



value. The Chief Guest, Dr. P. Dey, highlighted the importance of millets in present day and its benefits to combat various diseases like diabetes and urged farmers to form FPOs for marketing of millet-based products as it was very much profitable. He also suggested to include millet in Mid-Day Meal programme for its nutritious superiority. Dr. S. Banerjee pointed out the package of practices of different types of millets- major, minor and pseudo millet production and their potentiality under West Bengal situations. Finally, dignitaries visited the stall displayed various millet related products e.g. seeds, processed products, food items and information in the form of leaflets, posters etc. at the KVK campus.

Backyard orchid cultivation promoted

One day workshop was organized at Hooghly KVK, Nadia, West Bengal on 03.08.2023 to promote backyard orchid cultivation in the state. A total of 44 participants including Dr. Pradip Dey, Director, ICAR-ATARI Kolkata; Dr. Dipankar Saha and Dr. S. S. Biswas, Pr. Scientists from ICAR-NRC for Orchid, Sikkim; SSH, SMSs and other staff of Hooghly KVK; SSHs/SMSs of Howrah and North 24 Parganas (Ashoknagar) KVK; personnel from



West Bengal State Department of Horticulture; FPCs; NGOs and progressive farmers were present in the workshop.

Dr. Pradip Dey, in his inaugural address, told that tropical orchids would not only boost farmers' incomes but also could create a vibrant and aesthetically pleasing environment. He thrust upon growing the right Dendrobium cultivar in peri-urban settings would enhance the quality of life for the local farming population because there was a guaranteed market in nearby metropolises. Dr. Dey recalled that as promised during the signing of MoU during the month of June, 2023, ATMA of Hooghly



district has already funded a project on orchid at Hooghly KVK.

During the visit, scientists of ICAR-NRC for Orchid appraised the establishment of 'Model orchid cultivation-cum-demonstration unit' in selected KVKs and promoted of 'Backyard Orchid' cultivation venture for the benefit of cactus growers of the region. They delivered technical know-hows and hands-on training on advanced orchids cultivation and management practices. In the workshop, scientists interacted with the farmers who engaged in orchid cultivation and solved various problems of farmers, especially related to disease management in orchids.

Interactive meeting on promotion of climate resilient model IFS in coastal Sundarbans organized

An interactive meeting between ICAR-ATARI Kolkata and North 24 Parganas KVK, Ashokenagar was held on 29.08.2023 at Ashokenagar KVK for implementing RKVY-RAFTAAR funded mega-project amounting Rs. 1.34 crores on promotion of climate resilient

model IFS in coastal saline low lands of the world heritage delta, Sundarbans blocks of North 24 Parganas district, West Bengal. The project will address fallow land



before and after *kharif*, replacement of low yielding paddy varieties and scarcity of freshwater during rabi/summer. Dr. A. Bandyopadhyya, Former National Coordinator, NASF, ICAR advised about the need of primary data collection about the agro-meteorological parameters and comparative assessment of agricultural outcome before and after the project. Dr. Pradip Dey, Director, ICAR-ATARI Kolkata proposed to test the soil salinity, soil parameters and organic matter estimation of excavated derelict water bodies as well as fields. Dr. Avijit Halder, Pr. Scientist expressed



his concern about the timely execution of the project and advised accordingly. Prof. S.S. Dana, DREF, WBUAFS congratulated project investigators and assured his overall help from institutional end. Dr. N. J. Maitra, DD, WBUAFS explained the importance, objective and possible outcome of the project. Dr. B. Tudu, SSH and all SMSs of KVK Ashokenagar participated in the meeting. The action points decided during the meeting include raising the level of the cultivable land through de-siltation of derelict pond and utilizing the harvested rain water for second and third crops without

harvesting the groundwater, floating rice seedbed nursery, floating duck farming over the pond water, year-round vegetable cultivation over the pond dyke, aerial cultivation of viny vegetable crops over the pond and climate adaptable fish farming.

Awareness campaign to combat malnutrition organized

As a part of National Nutrition Week 2023, to create awareness among the people about their health and well-being, a special programme was organized at Birbhum KVK, Sriniketan on 02.09.2023. The



programme was attended by 53 women farmers mostly from SC/ST community and from six villages (Raipur, Gheropara, Nurpur, Senkapur, Deoli and Rajatpur) belonging to two women-led FPOs hosted by KVK, namely Green Farm, Illambazar and Madhumalati, Bolpur. Dr. Pradip Dey, Director, ICAR-ATARI, Kolkata, in his address, emphasized upon the need of empowering women through awareness campaigns to combat malnutrition. He stressed popularization of millets as nutraceutical, nutri-gardens and harnessing traditional knowledge on nutrition management especially targeting the vulnerable group of children, pregnant and lactating



women. He elaborated on 'One Health' concept for optimizing the soil/ecosystem health with the

health of people and animals. Dr. A. K. Barik, Principal, Palli Siksha Bhavana, Institute of Agriculture, V. B. Viswavidyalaya said that children



cannot be healthy if their mothers are not healthy and such programmes are crucial to flag the issue. Dr. S. Mandal, SSH, Birbhum KVK highlighted the significant achievements of the KVK especially on the promotion of nutrition in the district. Seed packets for kitchen garden including leafy vegetables, pulses and millets were also distributed to the farmers during the occasion. Field visits and scientist-farmer interaction programme were also organized and extension bulletins were distributed among the farmers.

Secretary, DARE and DG, ICAR inaugurated administrative buildings and facilities of KVK Malda (Addl.)

Dr. Himanshu Pathak, Secretary, DARE and DG, ICAR inaugurated administrative building, farmers hostel, carp & catfish hatchery facility, integrated livestock unit and integrated fish development unit of



Malda (Addl.) KVK on 25.11.2023. He applauded about the significance and role played by the KVKs in the livelihood improvement of the farming community. Dr. Pathak also distributed various inputs among the farmers. Dr. Pradip Dey, Director of this Institute welcomed the guests and briefed about the extension

approaches for 'Amrit Kaal' wherein KVKs will serve as a change catalyst and convergence hub for Indian agriculture to link Farm-Farmer-



Farming in agro-ecosystem scale. The ceremony was attended by Swami Biswamayananda, Secretary, Ramakrishna Mission Ashram, Sargachhi, Murshidabad; Dr. V. B. Patel, ADG (Hort. & Plantation



crops), ICAR; Dr. T. Damodaran, Director, ICAR-CISH Lucknow; Dr. S. Rakshit, Director, ICAR-IIAB, Ranchi; Dr S. K. Singh, Director, ICAR-IIHR, Bengaluru; Dr. U. K. Sarkar, Director, ICAR-NBFG, Lucknow; Dr. S. Rajan former Director CISH Lucknow; Dr. D. B. Shakyawar, Director, ICAR-NINFET, Kolkata; Dr. P. Chakraborty, former Member of ASRB; Dr. P. Pal, former Director NRC on Pomegranate, Sholapur and many others. A Kissan Sammelan was organized and more than 600 farmers attended this program.

KVKs celebrated 'Janjatiya Gaurav Divas 2023' and conducted 'Viksit Bharat Sankalp Yatra (VBSY)' programme

The selected tribal KVKs of this Zone celebrated 'Janjatiya Gaurav Divas' at their district w.e.f. 15.11.2023 to 26.11.2023 to honour the birth anniversary of the revered tribal freedom fighter, Birsa Munda. Prime Minister Narendra Modi marked the celebration of 'Janjatiya Gaurav Diwas' at Birsa College, Khunti, Jharkhand, on 15th November, 2023. This occasion also witnessed the release of the 15th instalment of the Pradhan Mantri Kisan Samman Nidhi (PM-KISAN) scheme, reflecting the government's commitment to support farmers and promote inclusive agricultural development.

The KVKs of this zone took part in VBSY programme at their GPs from 25.11.2023 to 25.01.2024. Awareness programme on natural farming and soil testing were created under VBSY in different GPs in this zone. Use of drones for spraying pesticides over the agricultural fields was also



demonstrated in some places. The KVKs of this zone organized 65 CB trainings, 171 awareness campaigns and documented 22 success stories

which benefitted 7891, 11204 and 43 tribal farmers, respectively. On the occasion, this office compiled daily and weekly report of 'Satat Krishi' under VBSY of selected tribal districts and submitted to ATARI Guwahati. Total 364 lectures were delivered to 57907 participants from



13 districts/331 GP of this zone. ICAR-ATARI Kolkata compiled 'Satat Krishi' daily reports for 27 non-tribal KVKs. The reports of other Zones (6/7/8/10/11) including compiled report of 5 ATARIs received from ATARI Jodhpur were finally compiled and submitted to the Council on daily and weekly basis with cumulative data during 25.11.2023 to 25.01.2024. Not only that, this office also compiled the reports of those selected non-tribal KVKs across the Zones where PM was interacted with farmers and submitted the final compiled report of 11 ATARIs to the Council on weekly basis from 09.12.2023 to 23.01.2024 and then, time to time. Total 63671 persons from 284 KVKs attended PM's live telecast in this zone. Farmers of 7 KVKs were interacted with PM and 3563 dignitaries were present. Compiled reports (KVKs, where Union Ministers visited) of 11 ATARIs were submitted to the Council.

Events

Foundation Day of ICAR-ATARI Kolkata celebrated

ICAR-ATARI Kolkata celebrated its Foundation Day on 09.08.2023. The programme started with ICAR song and watering of sacred plant followed by Vedic chanting; a discussion on Extension



Approaches for 'Amrit Kaal' was also organised on the occasion. The Chief Guest of the programme Swami Atmapriyananda Maharaj Ji, Pro-Chancellor, RKMVERI, Belur Math encouraged all to work as a team for bringing synergy between ATARI-University-KVKs to carry out extension, teaching and research

activities simultaneously. He emphasized that in this century skill is important along with a degree. He said that agriculture is not limited to any one subject. There are many innovative farmers who excel despite



not having degrees in agriculture-related fields. He emphasised the concept of translational research in order to deliver more pertinent, useful innovation that directly address the 'One Health' concept, the interdependent soil-plant-animal-human health.

Dr. Pradip Dey, Director, ATARI Kolkata told that ATARI Kolkata was helping to harness the demographic dividend through ARYA, climatic resilience through NICRA, soil health through SHC, cereal system sustainability through CSISA, protein security through CFLD Pulses, yellow revolution through CFLD Oilseeds and precision farming through Agri-Drone. ICAR-ATARI Kolkata through its KVKs was marching



towards the nature friendly agriculture through natural farming, building capacity in the aspirational districts through KKA, facilitating farm innovation through FFP, SKDT under ASCI, farmer-scientist interaction through MGMG, reaching the unreached and serving the unserved through STC/TSP and SCSP schemes, he added. Dr. G. Kar, Director, ICAR-CRIJAF Barrackpore and Guest of Honour discussed about the challenges of

reducing quality of food, water and land resource as well as manpower. He highlighted the organized systematic planning starting from seed production to value addition and bio fortification of jute and allied fibres. Dr. Shakyawar, Director, ICAR-NINFET, Tollygunge and Guest of Honour highlighted the route of technology dissemination and activities related to farmer-oriented technology. He focused on the use of fibre bags considering the global concern of single use plastic bags. Products of FPCs/FPOs supported by KVKs, publication and Institute video documentary were released during the occasion.



Representatives of FPCs/FPOs were felicitated during the occasion. The programme was coordinated by Dr. P. P. Pal, Pr. Scientist and in the end, vote of thanks was proposed by Dr. A. Haldar, Pr. Scientist, ICAR-ATARI Kolkata.

'Independence Day 2023' celebrated

The 'Independence Day 2023' was celebrated at ICAR-ATARI Kolkata on 15th August, 2023. All staff members of ATARI Kolkata assembled in front of the institute to celebrate the day with utmost fervour, zest and a spirit of patriotism for marking the innumerable sacrifices of the freedom fighters of our country. The Director, Dr.



Pradip Dey narrated the importance of the day and requested to work sincerely for the development of Nation. On the occasion, staff of



this Institute took pledge and at the end, plantation was done in the office premises.

Fit India movement-fitness week celebrated at ICAR-ATARI Kolkata

Towards achieving the mission of the Movement to bring about behavioural changes in order to gain wholesome health and move



towards a more physically active lifestyle, ICAR-ATARI Kolkata celebrated Fit India Movement-fitness week on 29.08.2023 at



its campus. The programme commenced on 21.08.2023 with oath taken by all Officials as enshrined in Fit India Pledge and culminated on National Sports Day on 29.08.2023. During the week, a march past was organized in the

office premises holding the fit India banner. Different sports like goal scoring, under arm cricket, wicket hitting and basketball were played on this day. Active participation and



cordial cooperation of all the Staff has not only made the event a grand success but also triggered / reflected the sportsman spirit throughout the event. This has again proved, 'Coming together is a beginning, staying together is progress, and working together is success'. The programme ended with prize distribution ceremony to the winner teams.

Inaugurated 'Hindi Pakhwada 2023' and celebrated 'Hindi Diwas'

ICAR-ATARI Kolkata celebrated 'Hindi Diwas' on 14th September, 2023 along with opening ceremony of 'Hindi Pakhwada 2023'. In the occasion, the importance of using Hindi as official language was lauded by the dignitaries. It was also emphasized that how Hindi language can be more effectively used in our day-to-day official works. Prof. D. P. Mishra, Director of NITTR Kolkata, the Chief



Guest of the function, addressed the gathering and told that Hindi language had much more creativity than other languages. He urged that the Institute must further its attempts to implement Hindi language at a large scale. He also envisioned about establishing 'Bhasha Setu' for exchanging the flow of thoughts.

Dr. P. Dey, Director of the Institute, took the pledge for spreading Hindi



language as Rajbhasa along with all the staff. He narrated the use of Hindi language in office files was easier than using English. Moreover, it has much similarity



with Bengali language which is the local language of the region where ICAR-ATARI is situated. Earlier Dr. S. K. Mondal, Pr. Scientist extended welcome to dignitaries and all the staff of the Institute. He highlighted the different activities of ATARI Kolkata in implementing Hindi language in official works. The occasion was ended with formal vote of thanks.

ICAR-ATARI Kolkata and its KVKs organized 'Swachhata Hi Seva 2023'

During the fortnight preceding 02.10.2023 and from 16th-31st December 2023, various swachhata activities were carried out by all the staff members of the ICAR-ATARI and all its KVKs. Display of banner at prominent places, taking Swachhata pledge, Stock taking



and briefing of the activities to be organized during the Pakhwada, plantation of trees, Cleaning of office premises and staff quarters etc.



were different activities taken during the initial phase of the Pakhwada. Then various cleanliness drives, workshops, seminars, awareness programmes were also undertaken along with participation of school children, SHG members and FPO members by the KVKs of this Zone.

MoU between ICAR-ATARI Kolkata and Inhana Organic Research Foundation (IORF) signed

One Memorandum of Understanding (MoU) was signed between ICAR-ATARI Kolkata and Inhana Organic Research



Foundation (IORF), 168, Jodhpur Park, Kolkata on 13.10.2023 on further enrichment of the agriculture carbon calculator w.r.t. the various crop production systems, agro-ecological zones, and agro-inputs and ensure its dynamism through regular data updates, and user feedback.

'Vigilance Awareness Week 2023' observed

The 'Vigilance Awareness Week 2023' is being celebrated every year and coincides with the birthday of Sardar Vallabhbhai Patel, known to be a man of high integrity. The week was observed by the KVKs of this zone including ATARI Kolkata from 30.10.2023 to 05.11.2023, with the theme 'भ्रष्टाचार का विरोध करें; राष्ट्र के प्रति समर्पित रहें' or 'Say no to corruption; commit to the Nation'. A



total of 496 employees and 2714 farmers undertook integrity pledge on 31.10.2023 at 11.0 AM at different KVKs and ATARI Kolkata. A number of various programmes like



panel discussion, lecture, workshop, awareness seminars, debate, quiz competition, drawing competition, poster competition etc. were also conducted involving employees, farmers, school boys and girls throughout the week for sensitizing the people to generate awareness in

the public at large about the ill effects of corruption and fight against corruption and to enhance transparency and accountability in their functioning. Besides, banner and poster on vigilance awareness week were displayed. Social networking sites like Facebook, Twitter, YouTube, WhatsApp and a voice message in local language were also used to sensitize the people on vigilance awareness.



Meeting/ workshop/ training programme organized/ conducted

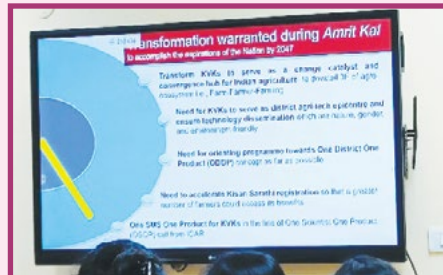
Meeting with Host Organization of Odisha KVKs conducted

One meeting with the Hon'ble Vice-Chancellor, Prof. P. K. Roul and Dean, Extension Education, OUAT, Bhubaneswar, Prof. P. J. Mishra was conducted at ICAR-ATARI Kolkata on 02.08.2023. Dr. Pradip Dey, Director, ATARI Kolkata; scientists and other project staff of this office were also present in the meeting.



Dr. Dey gave a brief presentation on 'Transformation warranted during Amrit Kal to accomplish the aspirations of the Nation by 2047' where he discussed about the transformation of KVKs to serve as a change catalyst and convergence hub for Indian agriculture, to serve as district agri-tech epicentre and ensure technology dissemination, to orient towards one district one

programme (ODOP), to accelerate Kisan Sarathi portal registration and to work for 'one SMS one product'. Prof. Roul and Prof. Mishra raised



various administrative, technical and financial issues related to Odisha KVKs for smooth functioning of the KVKs in this zone. Dr. P. P. Pal, Pr. Scientist of ATARI Kolkata coordinated the meeting. Finally, formal vote of thanks was proposed in the meeting.

Interactive meeting with Former Director, ATARI Kolkata and Vice-Chancellor, BAU, Sabour conducted

One interactive meeting with Dr. A. K. Singh, Former Director, ICAR-ATARI Kolkata and Former Vice-Chancellor, BAU, Sabour,



Bihar was conducted at ICAR-ATARI Kolkata on 07.08.2023. The Director, ATARI Kolkata, Dr. Pradip Dey; scientists including project staff of ATARI Kolkata and SSHs/scientists of some KVKs from West Bengal attended the meeting. The detail discussions were made to improve the performance of the KVKs through new extension methodologies, convergence with district line departments/ATMA/NABARD/NGOs etc. Dr. Singh emphasized that strengthening of



KVKs in terms of manpower and financial support is the need of the hour for better dissemination of latest technologies to the end users in the district. Dr. Dey appreciated KVKs for their multivariate task performed even within a short notice. The programme was conducted by Dr. P. P. Pal, Pr. Scientist of this office which was ended with the formal vote of thanks.

Model farm on agroforestry at Purba Medinipur KVK visited

Three-tier system agroforestry models (fruit plants + forest plants + vegetables/spices) have been developed with the active participation of 300 farm families



covering a total of 6.00 ha area in flood plain six villages at Panskura block of Purba Medinipur in West Bengal. ICAR-ATARI Kolkata has implemented this externally NABARD funded project through KVK, Purba Medinipur since 2021. On August 14, 2023, Dr. A. Bandyopadhyay, Former National Coordinator, NASF, ICAR and Dr. A. Halder, PS-cum-PI of the project, visited seven demonstration plots on agroforestry models in different villages under Panskura block and appreciated the very



difficult work that the scientists and staff of KVK, Purba Medinipur

were doing with a large number of farmers in the interior villages to utilize the backyard barren land for developing three-tier system agroforestry models. Dr. Bandyopadhyay suggested to keep in mind the carrying capacity of the demonstration plots while deciding on the number of crops in the demonstration of agroforestry systems. He added to inform the farmers about the full technology package including fertilization/manuring, plant protection and irrigation scheduling to ensure the expected economic/sustainability/conservation gains out of agroforestry systems.

Project Monitoring Committee (PMC) Meeting on agroforestry conducted

The 3rd PMC meeting on NABARD funded project 'Agroforestry development in new alluvial zone of West Bengal' was held on 05.09.2023 at Purba Medinipur KVK through hybrid mode under the Chairmanship of Dr. Pradip Dey, Director, ATARI, Kolkata. At the



outset, Dr. N. Mudi, SSH, Purba Medinipur KVK and Co-PI of the project informed that three-tier system agroforestry models (fruit plants + forest plants + vegetables/spices) were developed with the active participation of 300 farm families covering a total of 6 ha area in flood plain six villages at Panskura block since 2021. He added that income generation achieved by the farm families on the date ranged between Rs. 4650/- and Rs. 4800/- from one katha (approx.) interspace land through cultivating seasonal vegetables and/or spices. Shri.

Jaydev Sau, a farmer expressed his happiness by sharing his experience on lucrative return he earned from harvesting ginger and turmeric from interspace area of his agroforestry unit. Prof. D. Basu, DEE, BCKV, Nadia appreciated the project



activities and mentioned that such homestead agroforestry could be an excellent sustainable model to improve natural ecosystem with biodiversity conservation of the area through inclusion of diversified crops in different tiers in the backyard land and strongly pointed out that such kind of agroforestry model would be very relevant in the present era of climate change. Dr. Dey suggested for plotting land situation (high, medium, low) versus productivity and/or return and also projecting carbon footprint in such agroforestry areas from the data recorded on canopy volume measurement of fruit and forest plants. Dr. A. Halder, PS-cum-PI of the project opined to complete soil fertility assessment on soil samples collected from agroforestry demonstration plots. Mr. P. Das, DDM, NABARD of that district advised to link the farmers under the project with KCC. Dr. P. P. Pal, Dr. S. K. Mondal and Dr. K. S. Das, PSs, ATARI-Kolkata shared their views and appreciated the project team for achieving the progress.

Virtual meeting on guidelines of social media management for KVKs organized

ICAR-ATARI Kolkata organized one virtual meeting on 04.09.2023 at

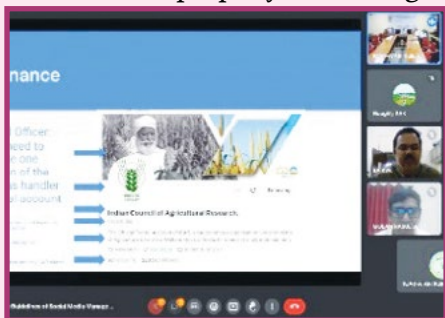
2.30 PM to discuss the guidelines of social media (Tweeter and Facebook Handle) management under the



Chairmanship of Dr. Pradip Dey, Director, ICAR-ATARI Kolkata. All the scientists and concerned project staff of this Institute and SSH and Nodal Officers from 59 KVKs under this Zone participated in the meeting. The Chairman gave a brief presentation on the designing of Tweeter/Facebook profile, security norms, authorization and delegation of power to the Nodal



Officer for the KVKs, handling of the Tweeter/Facebook account, content selection, SOP, tagging, hashtags etc. He also shared the details of the SOP which was framed in the earlier meeting organized at ICAR-ATARI Kolkata. Finally, one Q&A session was conducted where scientist and concerned staff cleared the queries of KVK persons on the various issues of social media management. All the KVKs were requested to send their complete profile of Tweeter and Facebook Handle to this institute so that social media could properly be managed



to make it popular both within and outside ICAR.

Meeting on 'Agri-Extension approach to Amrit Kaal through Swami Vivekananda's Darshan' organized

ICAR-ATARI Kolkata organized an interactive meeting on 'Agri-Extension Approach to Amrit Kaal through Swamiji's Darshan' on the occasion of the 130th Anniversary of Swami Vivekananda's address to the Chicago Parliament of the World's Religions organized on 11.09.2023. The chief guest of the program, Dr. Manas Adhikari, Vice Chancellor, BCKV remembered the relevance of Swamiji in today's agricultural extension.

Dr. Pradip Dey, Director of this Institute gave a presentation summarizing the thoughts of Swamiji and its relevance in agriculture-extension education. He quoted Swami Vivekananda's most visionary comment 'Our mission is for the destitute, the poor and the uneducated peasants and the laboring classes'. Dr. Dey reminded that



Swamiji chose the word 'Reform' for development and change in communities. He also outlined the changes envisaged for the KVKs to meet the aspirations of the nation by 2047. All the scientists/officials and project staff of the institute participated in the meeting with great enthusiasm.

Secretary, DARE and DG, ICAR inaugurated Webinar on Aquaculture

ICAR-ATARI Kolkata launched a seminar series in hybrid mode

on 20.09.2023 to bring about transformational change in the KVK system. The first lecture in this series was delivered by renowned international scientist Prof. A. K. Dhar, Director, Aquaculture Pathology Laboratory, University of Arizona, Tucson, Arizona, USA



on the topic 'Enhancing Aquaculture Sustainability by Improving Aquatic Animal Health'. Dr. Himanshu Pathak, Secretary, DARE and DG, ICAR in his inaugural address highlighted the need for human resource management through multi-institutional and multi-agency collaboration to overcome present and future challenges and transformed research outcomes into innovations. He said that there was need to prepare an implementable plan for research and extension cooperation which will empower KVKs to collaborate with farmers. He pointed out that the coastal resources in Odisha, West Bengal and Andaman and Nicobar Islands have tremendous opportunities for sustainable fishing practices and aquaculture. Prof. Dhar said that improved breed selection, better nutrition and biosecurity were important for export-oriented fisheries development.



Dr. Pradip Dey, Director of the Institute and Convener of the Seminar Series, in his address said that organizing such programs would develop the power of inter-generational cooperation and

creativity in agricultural innovation. It would also prove to be a milestone towards achieving a sustainable, resilient, equitable and nutritious food system. He highlighted the problems and potential of fisheries in the region and stressed on increasing the availability of good quality fish and maintaining the balance of the



ecosystem. Dr. T. K. Ghosal, Head, RRC of ICAR-CIFE, Kolkata; Dr. C. Chattopadhyay, In-Charge, Central Jute and Allied Fiber Seed Research Centre, Budbud; Dr. S. K. Manna, Head, River and Estuarine Fisheries Division, ICAR-CIFRI, Barrackpore and Dr. M. Samanta, Head, Fish Health Management Division, ICAR-CIFA, Bhubaneswar shared their views in the webinar. Some progressive fish farmers also attended the seminar and their doubts were resolved during the Q&A session. All the scientists of the institute and all Fishery scientists from KVKs participated in the meeting.

Webinar on ‘Lumpy Skin Disease’ organized

ICAR-ATARI Kolkata organized second lecture of the webinar series on ‘Lumpy Skin Disease- An emerging disease (LSD) in cattle’ through hybrid mode on 22.09.2023. Apart from the scientists and staff of ATARI Kolkata and nearby KVKs, scientists from the KVKs of West Bengal, Odisha, Bihar, Jharkhand and North Eastern Region participated in the Seminar. Dr. Pradip Dey, Director of the institute, welcomed the guest speakers and all other participants and briefed about the emerging disease of cattle. In his welcome

address, he emphasized on the one health concept for containing the spread of such deadly diseases like



LSD. He also narrated that such seminar is expected to expose the KVK scientists/participants to entire new avenues for their future works. Dr. S. K. Biswas, Senior Scientist, IVRI, Izatnagar delivered his lecture on aetiology, epidemiology, sero-



surveillance, diagnosis, control and prevention of LSD after depicting a global scenario of the disease. He emphasized on the knowledge vs. awareness in identifying and controlling the disease in a more efficient manner. Dr. Arnab Sen, Head, IVRI-ERS Kolkata presented



the current scenario of emerging and zoonotic diseases with an emphasis on the one health concept. He stressed upon the preparedness for the coming days in order to combat the zoonotic diseases in the context of a gradual finer line of animal-human interface. He also mentioned about the dangerously extreme speed of spreading diseases in current global context.

Seminar on ‘Paradigm shift in extension to appropriately support sustainable agricultural development’ organized

A seminar on ‘Paradigm shift in extension to appropriately support sustainable agricultural development’ under seminar series initiated by ATARI Kolkata was organized in hybrid mode on 29.09.2023 to bring about transformational change in KVK system. The program was started with a two-minute silence to mourn the demise of pioneer of green revolution, Dr. M. S. Swaminathan. Apart from scientists from ATARI Kolkata, scientists from KVKs of West Bengal, Odisha, Bihar, Jharkhand and North Eastern region participated. In his lecture, renowned extension expert Dr. P. Das, former DDG (AE), ICAR explained the changes that took place in the agricultural extension system across the world in the last century.



He also talked about the expected role of extension and stressed the need to take smart steps for sustainable food production system. He expressed deep satisfaction towards ATARI Kolkata for organizing such



seminars to reorient the extension experts keeping in mind the changing paradigm. He emphasized on mainstreaming community-based adaptation mechanisms in the era of

climate change. Dr. P. P. Pal, PS of this office conducted the program and Dr. A. Halder, PS, ATARI Kolkata proposed vote of thanks.



Institute Management Committee-cum-Institute Research Council (IMC-cum-IRC) Meeting organised

The nineteenth IMC-cum-IRC Meeting was conducted on 13.10.2023 at ATARI Kolkata under the chairmanship of Dr. Pradip Dey, Director, ICAR-ATARI Kolkata. Sh. R. Pradhan, Member Secretary, IMC formally welcome all the dignitaries and then, the chairman



shared salient achievements of ATARI Kolkata during the period. The members discussed each agenda item in details and approved those items following all necessary codal formalities. For the first



time, the IMC-cum-IRC discussed the Institute projects in detail and recommended for the approval after suitable suggested modifications.

Monitoring field visit to Dakshin Dinajpur KVK conducted

Dr. A. Halder, PS, ATARI, Kolkata visited Dakshin Dinajpur KVK on 16.10.2023 for reviewing the ongoing

activities and scope for further strengthening of KVKs. He attended 'World Food Day 2023' programme and 'Swachhata hi Seva special campaign 3.0'. Dr. Halder delivered a lecture on promotion of Black Bengal goat in Dakshin Dinajpur district. He interacted with farmers, farmwomen and members of FPC about their activities and the supports received



from KVK. Farmers expressed their happiness in regards to realization of enhanced income by adopting improved technologies received from the KVK. Two MOUs were signed between ICAR-ATARI, Dakshin Dinajpur KVK and FPCs. Dr. Halder also visited different demonstration units, crop field and appreciated the efforts of KVK in maintaining the



units. He visited vermicompost unit of Shri Joy Sarkar, fish hatchery of Shri Amrita Das, mushroom spawn production unit of Shri Bikarna Barman and integrated farming unit of Shri Ajit Sarkar at different villages of the district.



Interactive meeting with ADG (AE), ICAR, New Delhi and scientist of ATARI Kolkata conducted

One interactive meeting with Dr. R. R. Burman, ADG (AE), ICAR, New Delhi and Director and scientists of ICAR-ATARI Kolkata was held on 16.10.2023 at ATARI Kolkata to discuss on various issues related to ATARI Kolkata



and its KVKs viz. digitization of staff strength, available manpower at ATARI and KVKs, KVK infrastructure development, interface with state and ATARI



on new technologies, convergence with state line departments and other organizations etc. He also reviewed the physical and financial achievements of various centrally sponsored schemes/projects being run by this institute during the interaction.

Zonal review workshop on Farmer FIRST Programme (FFP) organized at ICAR-ATARI, Kolkata

One day zonal review workshop of FFP was organized on 31.10.2023 at ATARI Kolkata today through hybrid mode under the Chairmanship of Dr. Pradip Dey, Director-cum-Chairman, ZPMC, FFP, for four centres of this zone.



In his opening remarks, Dr. R. Roy Burman, ADG (AE), ICAR, briefed about the objectives of the programme and suggested for more participation by farmers, scientists and balanced module approach saturate entire households of the village clusters. He also emphasised on establishing seed hub, raising sustainability fund and partnership with district/state administration for content mobilisation, up-scaling and out-scaling of technologies demonstrated through FFP. In his inaugural address, chief guest, Dr. S. S. Dana, Vice-Chancellor, WBUAFS, Kolkata pointed out the importance of impact study of technology

dissemination, sustainability after discontinuation of the project and avoiding duplication of the similar programme by various agencies. Dr. Dey, in his address, stressed upon the fund mobilisation from other sources through convergence, promotion of FPO/FPCs to achieve economies of scale and documentation of institutional learnings are important. Dr. P. J. Mishra, Guest of Honour and Dean, Extension Education, OUAT Bhubaneswar, expressed his concern over the successful running of FFP and advocated the missing out of innovative farmers technology



by the institutes. He also stated about climate smart agriculture,



sustainable agri-preneurship and emphasised on research publication based on the findings of the programme. Earlier, Dr. K. S. Das, PS, and Member-Secretary, ZPMC, FFP, ATARI Kolkata welcomed all the dignitaries and delegates and presented a brief overview of FFP programme of this zone and coordinated the programme. Principal Investigators (PIs)/Co-PI of four FFP centres presented the physical and financial achievements of respective centres during the period from April to October, 2023 which were critically reviewed by the distinguished dignitaries during technical session. A total of 40 delegates attended the workshop.

Some important meetings/workshops/symposia etc. attended by scientists/ staff

Sl. No.	Name of the programme(s)	No. of scientist(s)/ staff attended
1	Online and offline scientific advisory committee (SAC)meeting of KVKs	6
2	Online and offline zonal review meetings/workshops of various schemes/projects of ICAR-ATARI Kolkata	10
3	Meetings as an Expert of Committee Member organized by various other institutes/KVKs for promotion of personnel/award of degree/IRC/selection of manpower etc.	5
4	Online and offline meeting with DDG/ADGs/Pr. Scientists/Under Secretaries of AE (Ext.), ICAR, New Delhi and Director/ Pr. Scientists/ AAO/AFAO/others on fund utilization, progress of schemes/projects and other administrative issues	10
5	Online meeting with PIs/CO-PIs/SSHs of KVKs of different network projects	6
6	Review meeting with PIs/CO-PIs of different institute projects	4
7	Meeting with Director, ICAR-ATARI Kolkata on various issues	12
8	Online and offline meeting of Director and other staff ATARI Kolkata with DG, DDG (AE), ADGs, Pr. Scientists and other administrative staff of the Council on financial, administrative and other various issues	8
9	Online meeting on ARMS-APAR-SPARROW organized by with ADG (ICT) on 06.07.2023	
10	Online meeting on Global Agri Connect: An ASCI and NSFI Initiative on 31.07.2023	3
11	Interaction meeting with Hon'ble Vice-Chancellor and Dean of Extension Education, OUAT, Bhubaneswar organized by ICAR-ATARI Kolkata	16
12	Online meeting on 'Soil moisture measurement by DAMUs' organized by IMD, Pune	4
13	Meeting on CSISA chaired by Hon'ble Secretary, DARE & DG, ICAR and other issues at HQ	1
14	Executive Council meeting of ISCA and discussion on RAWE programme with LPU at Jalandhar	1
15	Meeting on asset transfer from Seva Bharati to Jhargram KVK and TSP programme for farmers at BCKV, Mohanpur	1

Sl. No.	Name of the programme(s)	No. of scientist(s)/ staff attended
16	'Kisan Samman Diwas' and 'Farmer-Scientist Interaction' programme attended by the Hon'ble AM at KVK Keonjhar	2
17	'27 th Sundarban Kristi Mela O Loko Sanskriti Utsab' at Kultali, Narayantala, Basanti, Dist. 24 Pgs(s), West Bengal	1
18	'Viksit Bharat Sankalp Yatra' programme at KVK Ashoknagar, North 24 Parganas	2
19	MFOI panel discussion and SMD programme	1
20	NICRA National Workshop, 'Meri Maati-Desh Samridhhi' initiative, deliberation in SCSI International Conference and QH Meeting	1
21	National review workshop of FFP held at CSK HPKV, Palampur	1
22	Online meeting with DDG (AE), ADGs (AE) and Director, ATARIs on new network project	5
23	RAC meeting at Bangalore	2
24	Online meeting on RAWE programme organized by ATARI Kolkata	6
25	Virtual review meeting on activities, video making, developing action plan etc. for natural farming project	4
26	International conference on 'Sustainable innovation in food safety, health & nutrition' at Viswa Bangla Convention Centre, New Town, Kolkata	1
27	Virtual training for Asia-Pacific on participatory video in agri-food systems and digital environments organized by FAO	1
28	Online and offline meeting of IRC/IMC/PME and others at institute level	10
29	HRD Programme on 'Contemporary Issues and Recommendations from Network Research in food crops for facilitating OFT proposals' at BCKV, Nadia	2
30	Meeting on soil related aspect in KVK and ISSS Convention at Bhopal and Global Micronutrient Summit at ICAR HQ, New Delhi	1
31	Other meetings on various issues	10

Distinguished visitors

- Dr. P. K. Roul, Vice-Chancellor, OUAT, Odisha on 02.08.2023
- Dr. A. K. Singh, Former Director, ICAR-ATARI Kolkata and Former Vice-Chancellor, BAU, Sabour, Bihar on 07.08.2023
- Dr. P. Das, Former DDG (AE), ICAR, New Delhi on 29.09.2023
- Dr. R. R. Burman, ADG (AE), ICAR New Delhi on 16.10.2023

Publications

Research articles

Das S and Pal P P. 2023. Assessment of entrepreneurship development through attracting and retaining youth in agriculture (ARYA). *Journal of Survey in Fisheries Sciences* **10**(1S):7031-7036.

Ghosh B, Das S, Ghosh S and Pal P P. 2023. Appraisal of cluster frontline demonstration on groundnut (*Arachis hypogaea*) in West Bengal and Odisha. *Journal of Community Mobilization and Sustainable Development* **18**(2):1-11.

Ghosh S, N C Sahu and Haldar A. 2023. Status of Backyard Turkey (*Meleagris gallopavo*) Production System in South 24 Parganas District of West Bengal, India. *J. Indian*

Soc. Coastal Agric. Research **41**(1): 71-79. [<https://doi.org/10.54894/JISCAR.41.1.2023.128933>].

Gowda M C, Rana R K, Pal P P, Dubey S K, Kumar A, Meena M S, Singh R, Bordoloi R, Bhaskaran, A, Raut A A and Rajesh T. 2023. Economic performance of enterprises promoted under ARYA and relationship with entrepreneurial competencies. *Indian Journal of Extension Education* **59**(2):10-15.

Haldar A, Pal P, Ghosh S, Pan S. 2023. Body weight prediction using recursive partitioning and regression trees (RPART) model in Indian Black Bengal goat breed: A machine learning approach. *Indian Journal of Animal Research* **57**(9): 1251-1257 [doi: 10.18805/IJAR.B-4894].

Technical bulletins

Das K S, Mondal S K, Pal P P, Haldar A and Dey P. 2023. ATARI Kolkata News. Published by Director, ICAR-ATARI Kolkata, **7**(1): 1- 16.

Mondal S K, Bhattacharya R, Nandi S, Das K S, Rahman F H and Dey P. 2023. NICRA News: Towards climate resilient agriculture. Published by Director, ICAR-ATARI Kolkata, **9**(2): 1-12.

Mondal S K, Das K S, Pal P P, Haldar A and Dey P. 2023. ICAR-ATARI Kolkata Annual Report 2022. Published by Director, ATARI Kolkata, pp: 1-163.

Mondal S K, Rahman F H, Bhattacharya R, Nandi S and Dey P. 2023. NICRA News: Towards climate resilient

agriculture. Published by Director, ICAR-ATARI Kolkata, 9(1): 1-12.

Books edited

Das K S, Mondal S K, Begam A, Roy S K and Dey P. 2023. Pioneer farmers: Agri-sustainability through Farmer FIRST approach. Published by the Director, ICAR-ATARI Kolkata, pp:1-70.

Das K S, Begam A, Mondal S K and Dey P. 2023. Recent advances in Farmer FIRST programme: Reflection from ICAR-ATARI Kolkata. Published by the Director, ICAR-ATARI Kolkata, pp:1-42.

Important news items

- 'Millet Mela organized at Howrah KVK for creating awareness' held at Howrah KVK on 25.7.2023 for ICAR (www.icar.org.in), KVK Portal (www.kvk.icar.gov.in) and ICAR-ATARI Kolkata (www.atarikolkata.org) website.
- 'Orchids poised to boost farm income and create aesthetically pleasing environment in West Bengal' held at Hooghly KVK on 03.08.2023 for KVK Portal (www.kvk.icar.gov.in)

and ICAR-ATARI Kolkata (www.atarikolkata.org) website.

- 'ICAR-ATARI Kolkata Celebrates its Foundation Day' held at ATARI Kolkata on 09.08.2023 for KVK Portal (www.kvk.icar.gov.in) and ICAR-ATARI Kolkata (www.atarikolkata.org) website.
- 'Workshop on reinventing extension system for agricultural transformation organized' held at Ouat, Bhubaneswar on 25.08.2023 for KVK Portal (www.kvk.icar.gov.in) and ICAR-ATARI Kolkata (www.atarikolkata.org) website
- 'Fit India movement-fitness week celebrated at ICAR-ATARI Kolkata' held at ATARI Kolkata on 29.08.2023 for ICAR (www.icar.org.in), KVK Portal (www.kvk.icar.gov.in) and ICAR-ATARI Kolkata (www.atarikolkata.org) website.
- 'Interactive meeting for implementation of promotion of climate resilient model IFS in coastal Sundarbans' held at KVK N 24 Parganas (Ashokenagar) on 29.08.2023 for KVK Portal (www.kvk.icar.gov.in) and ICAR-ATARI Kolkata (www.atarikolkata.org) website.

- 'Awareness campaign to combat malnutrition organized' held at KVK Birbhum on 02.09.2023 for ICAR (www.icar.org.in), KVK Portal (www.kvk.icar.gov.in) and ICAR-ATARI Kolkata (www.atarikolkata.org) website.
- 'Virtual meeting on the guidelines for social media management' held at ATARI Kolkata on 04.09.2023 for ICAR (www.icar.org.in), KVK Portal (www.kvk.icar.gov.in) and ICAR-ATARI Kolkata (www.atarikolkata.org) website.
- 'Zonal Review Workshop of FFP under ICAR-ATARI Kolkata' held on 31.10.2023 at ATARI Kolkata for ICAR (www.icar.org.in), KVK Portal (www.kvk.icar.gov.in) and ICAR-ATARI Kolkata (www.atarikolkata.org) website.
- 'Dr. Himanshu Pathak, Secretary (DARE) and Director General (ICAR) inaugurated the administrative building and other facilities of ICAR-KVK, Malda' held at ICAR-CISH, Malda on 25.11.2023 for ICAR (www.icar.org.in).

Personalia

Relieving

Sh. Somnath Mukherjee, AF&AO of this institute has been relieved from this Institute on 25.07.2023 (AN) to join his new assignment at ICAR-IISR, Indore.

Sh. R. C. Pradhan, AAO of this institute has been relieved from this

Institute on 25.10.2023 (AN) to join his new assignment at ICAR-ATARI Umium, Shillong, Meghalaya.

Awards

Achieved second Best Poster Presentation Award for the paper on 'Low-cost nutritional weaning food for malnourished children' by Sharma A,

Haldar A, Sarkar S, Pal P K, Dey P. 2023. In: International Conference on 'Sustainable Innovation in Food Safety, Health and Nutrition' organized by the Faculty of Dairy Technology, WBUAFS, Kolkata, West Bengal on 22nd to 23rd December, 2023 at Biswa Bangla Convention Centre, New Town, Kolkata.

A PDF version of the Newsletter is also available at: <http://www.atarikolkata.org/publications>

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